

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 04:03
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:28:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.414	3.646	64113565	107.6E6	52.251	53.104
2)	SA Decachlor...	10.208	8.684	43342785	76553825	56.788	54.417
Target Compounds							
3)	L1 AR-1016-1	5.591	4.740	20739868	34044445	527.890	530.801
4)	L1 AR-1016-2	5.614	4.759	29581676	49051810	521.836	539.983
5)	L1 AR-1016-3	5.676	4.935	19141199	26482323	533.563	551.169
6)	L1 AR-1016-4	5.775	4.978	15682037	21931729	541.374	531.146
7)	L1 AR-1016-5	6.072	5.191	16428589	27865034	542.848	535.534
8)	L2 AR-1221-1	4.621	3.861	2484332	4449595	157.694	163.913
9)	L2 AR-1221-2	4.712	3.948	3570578	5868440	302.363	294.751
10)	L2 AR-1221-3	4.788	4.024	12791621	20309040	363.263	341.136
11)	L3 AR-1232-1	4.788	4.024	12791621	20309040	435.141	428.024
12)	L3 AR-1232-2	5.322	4.759	17321540	49051810	1111.278	1156.378
13)	L3 AR-1232-3	5.614	4.935	29581676	26482323	1120.278	1193.554
14)	L3 AR-1232-4	5.775	5.020	15682037	26565070	1184.934	1258.156
15)	L3 AR-1232-5	5.867	5.191	14442130	27865034	1265.238	1215.607
16)	L4 AR-1242-1	5.591	4.740	20739868	34044445	605.876	608.321
17)	L4 AR-1242-2	5.614	4.759	29581676	49051810	602.846	615.172
18)	L4 AR-1242-3	5.676	4.935	19141199	26482323	609.236	621.370
19)	L4 AR-1242-4	5.775	5.020	15682037	26565070	611.521	608.370
20)	L4 AR-1242-5	6.516	5.545	4374646	26573016	169.335	534.962 #
21)	L5 AR-1248-1	5.591	4.740	20739868	34044445	817.161	827.569
22)	L5 AR-1248-2	5.867	4.978	14442130	21931729	373.130	364.209
23)	L5 AR-1248-3	6.072	5.020	16428589	26565070	388.880	431.182
24)	L5 AR-1248-4	6.477	5.191	5184815	27865034	124.531	387.035 #
25)	L5 AR-1248-5	6.516	5.587	4374646	7069020	107.244	107.131
26)	L6 AR-1254-1	6.451	5.545	14559655	26573016	311.671	262.280
27)	L6 AR-1254-2	6.671	5.694	12481346	19325199	181.394	218.912
28)	L6 AR-1254-3	7.039	6.114	5673359	35405034	82.199	256.102 #
29)	L6 AR-1254-4	7.326	6.330	3472971	2619348	77.150	32.587 #
30)	L6 AR-1254-5	7.745	6.748	33022103	64413746	702.792	538.635
31)	L7 AR-1260-1	7.204	6.230	29958858	53046402	547.602	535.613
32)	L7 AR-1260-2	7.462	6.420	32177347	62717190	540.444	542.024
33)	L7 AR-1260-3	7.823	6.573	23303325	58763733	592.132	528.291
34)	L7 AR-1260-4	8.049	7.047	23710606	47767500	533.857	550.982
35)	L7 AR-1260-5	8.370	7.291	43089400	102.5E6	538.822	556.098
36)	L8 AR-1262-1	7.823	6.841	23303325	27120008	365.877	471.367 #
37)	L8 AR-1262-2	8.370	7.047	43089400	47767500	469.200	404.817
38)	L8 AR-1262-3	8.697	7.575	27736672	22894067	431.008	269.027 #
39)	L8 AR-1262-4	8.775	7.639	8516387	69341395	256.465	459.029 #
40)	L8 AR-1262-5	9.440	8.136	10714832	22887649	359.059	358.877
41)	L9 AR-1268-1	8.697	7.575	27736672	22894067	244.230	93.886 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

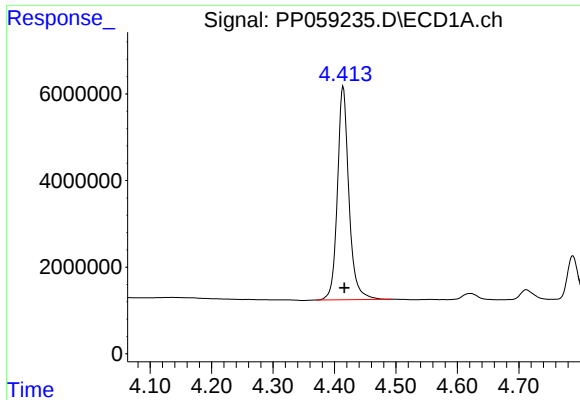
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:28:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.775	7.639	8516387	69341395	86.534	316.598 #
43) L9	AR-1268-3	9.011	7.848	563188	1236169	6.075	6.322
44) L9	AR-1268-4	9.440	8.136	10714832	22887649	335.880	328.892
45) L9	AR-1268-5	9.863	8.428	3268992	6389884	12.042	12.326

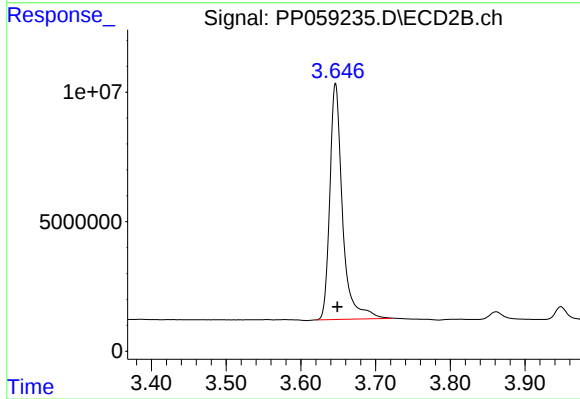
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

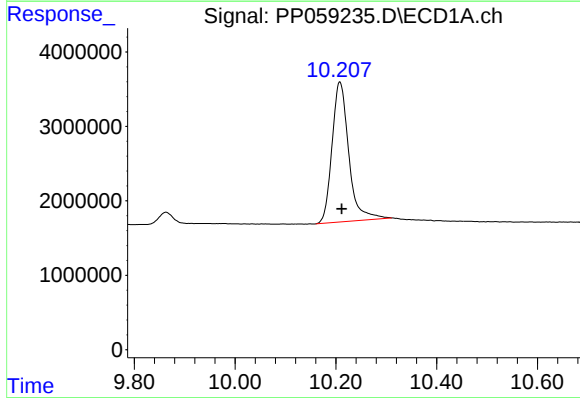
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 64113565
Conc: 52.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



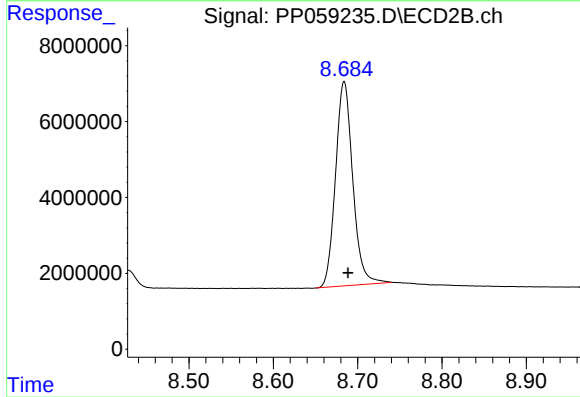
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: -0.002 min
Response: 107595323
Conc: 53.10 ng/ml



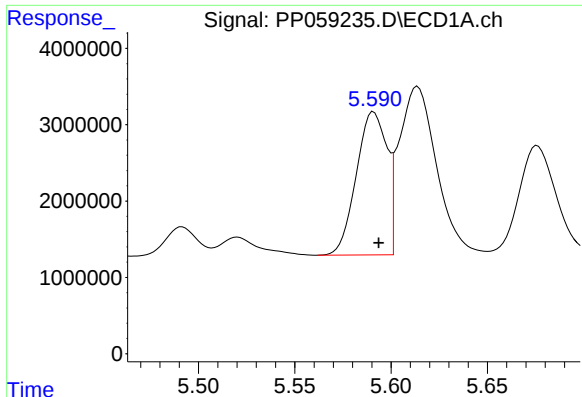
#2 Decachlorobiphenyl

R.T.: 10.208 min
Delta R.T.: -0.003 min
Response: 43342785
Conc: 56.79 ng/ml



#2 Decachlorobiphenyl

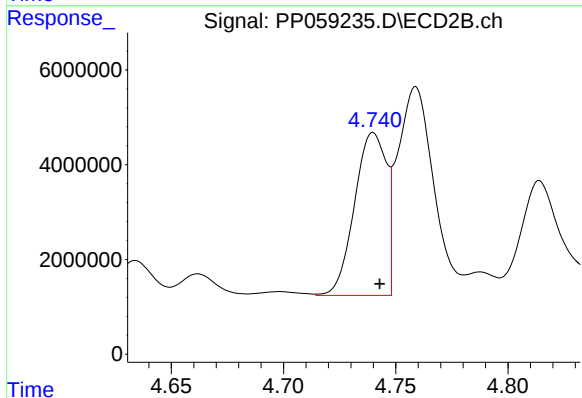
R.T.: 8.684 min
Delta R.T.: -0.005 min
Response: 76553825
Conc: 54.42 ng/ml



#3 AR-1016-1

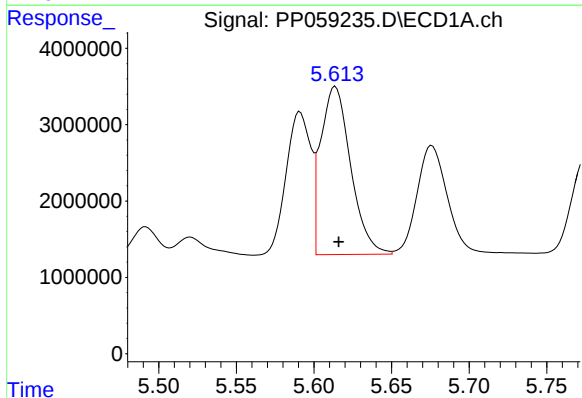
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 20739868
Conc: 527.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



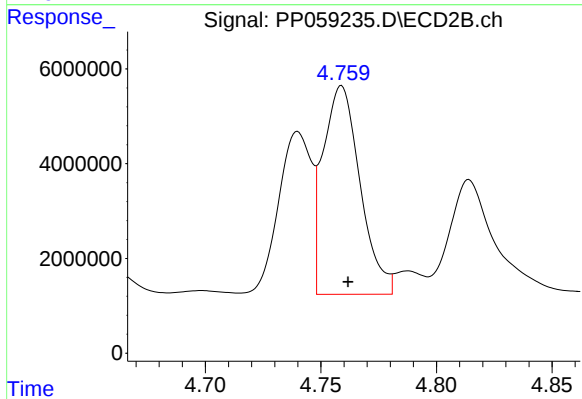
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 34044445
Conc: 530.80 ng/ml



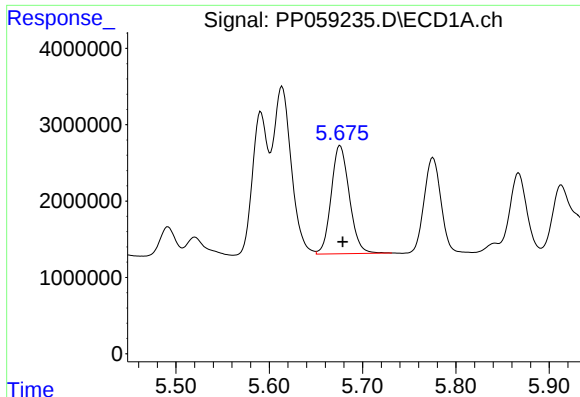
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 29581676
Conc: 521.84 ng/ml



#4 AR-1016-2

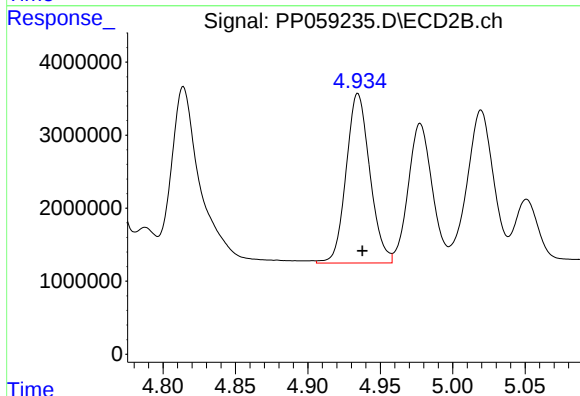
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 49051810
Conc: 539.98 ng/ml



#5 AR-1016-3

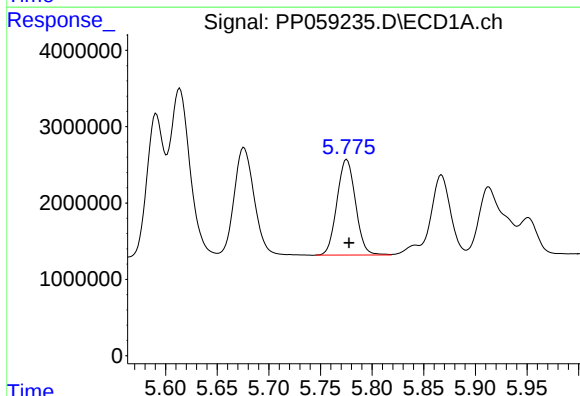
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 19141199
Conc: 533.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



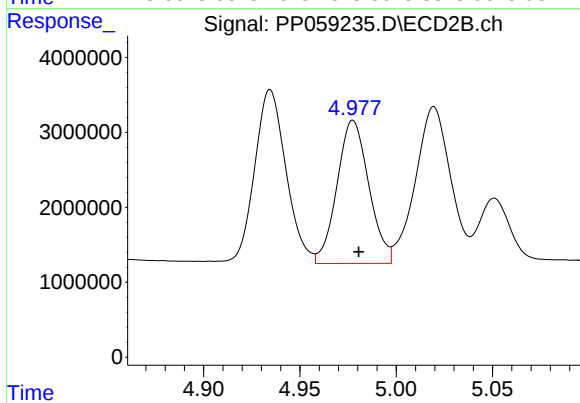
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 26482323
Conc: 551.17 ng/ml



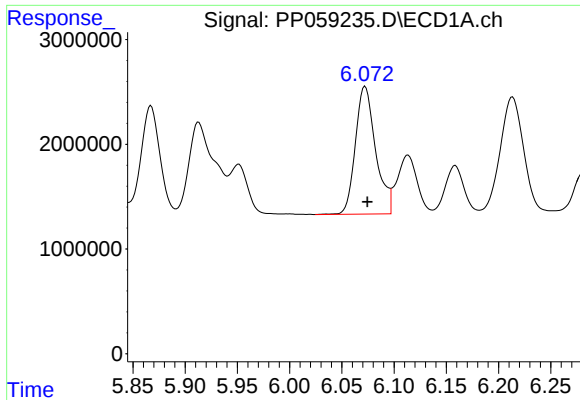
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 15682037
Conc: 541.37 ng/ml



#6 AR-1016-4

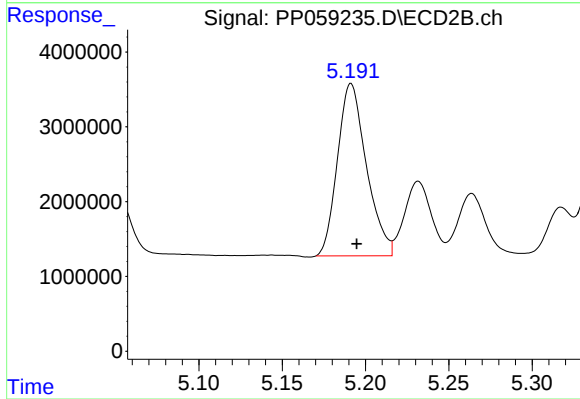
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 21931729
Conc: 531.15 ng/ml



#7 AR-1016-5

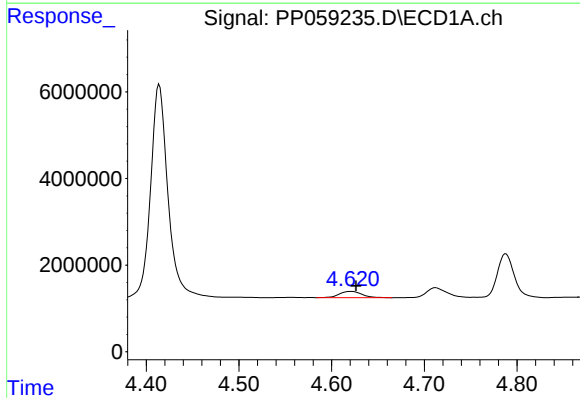
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 16428589
Conc: 542.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



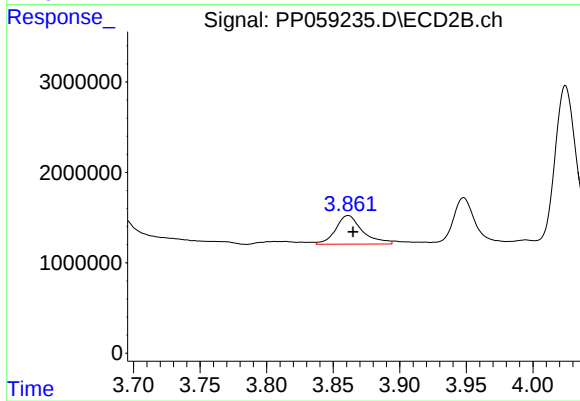
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 27865034
Conc: 535.53 ng/ml



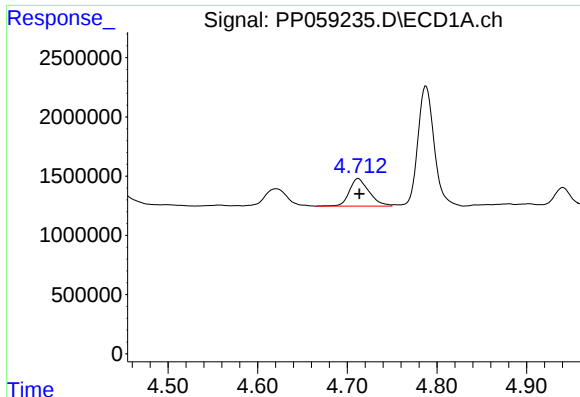
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.006 min
Response: 2484332
Conc: 157.69 ng/ml



#8 AR-1221-1

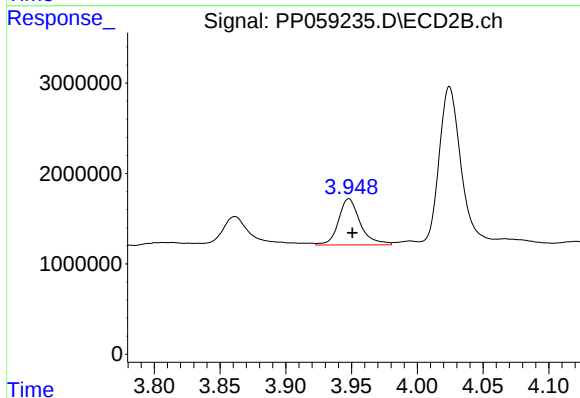
R.T.: 3.861 min
Delta R.T.: -0.004 min
Response: 4449595
Conc: 163.91 ng/ml



#9 AR-1221-2

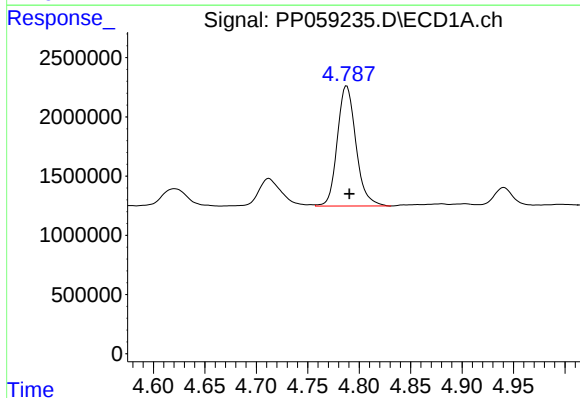
R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 3570578
Conc: 302.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



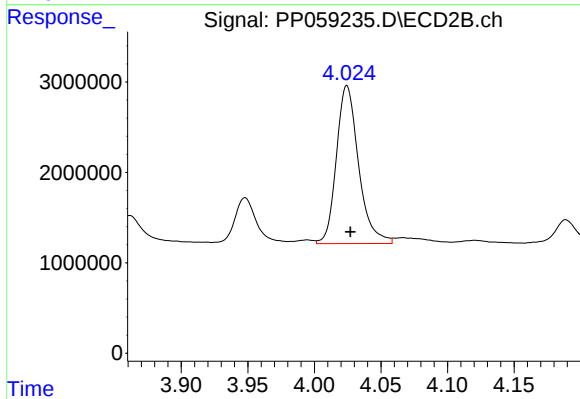
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.003 min
Response: 5868440
Conc: 294.75 ng/ml



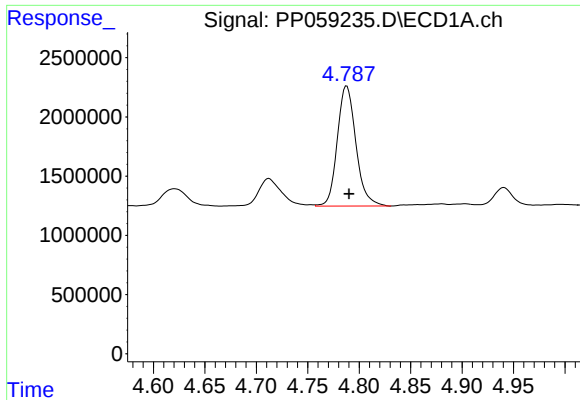
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 12791621
Conc: 363.26 ng/ml



#10 AR-1221-3

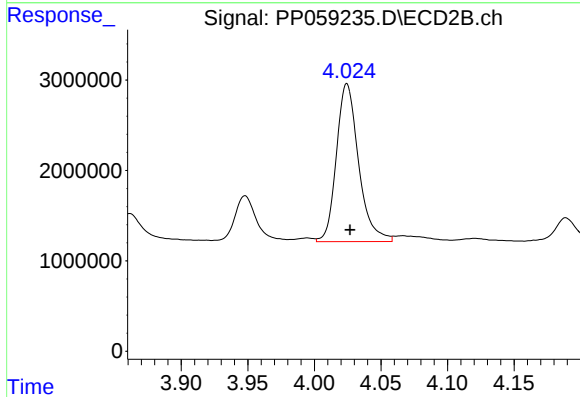
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 20309040
Conc: 341.14 ng/ml



#11 AR-1232-1

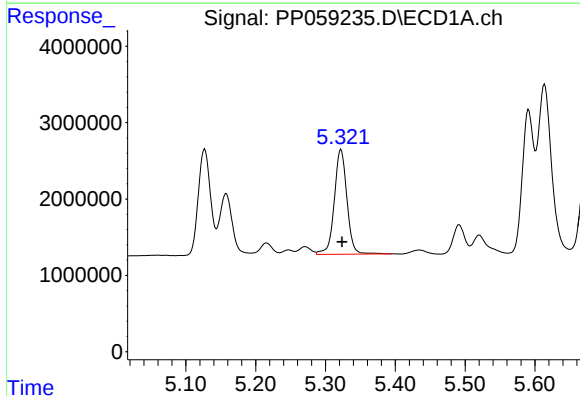
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 12791621
Conc: 435.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



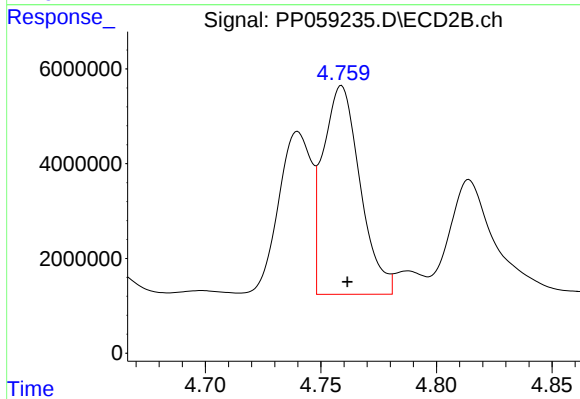
#11 AR-1232-1

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 20309040
Conc: 428.02 ng/ml



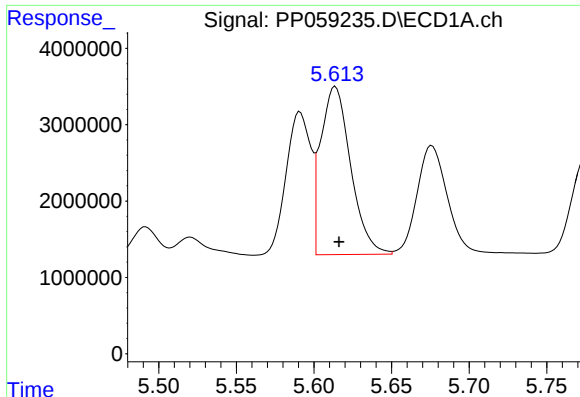
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 17321540
Conc: 1111.28 ng/ml



#12 AR-1232-2

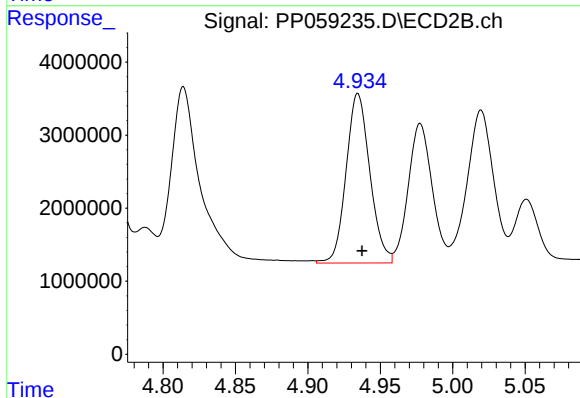
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 49051810
Conc: 1156.38 ng/ml



#13 AR-1232-3

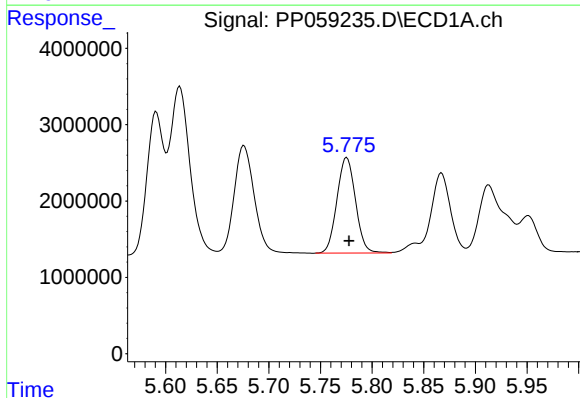
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 29581676
Conc: 1120.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



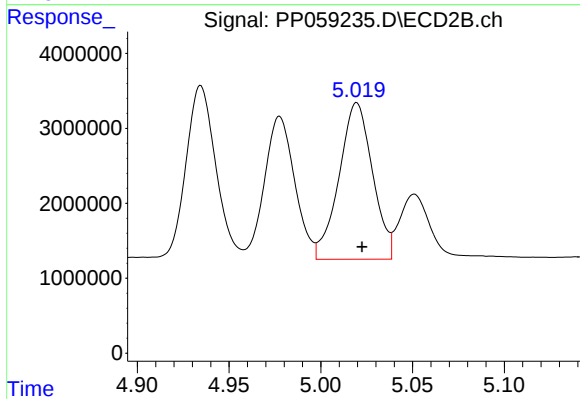
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 26482323
Conc: 1193.55 ng/ml



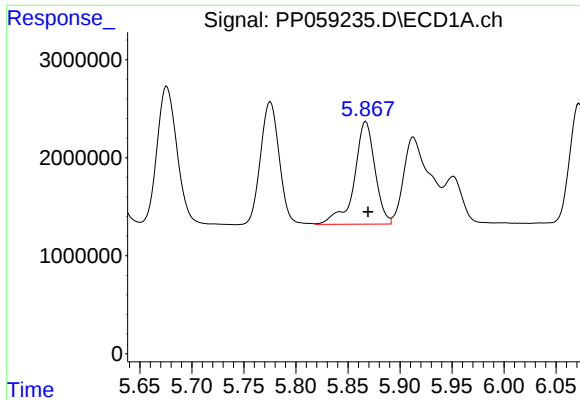
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 15682037
Conc: 1184.93 ng/ml



#14 AR-1232-4

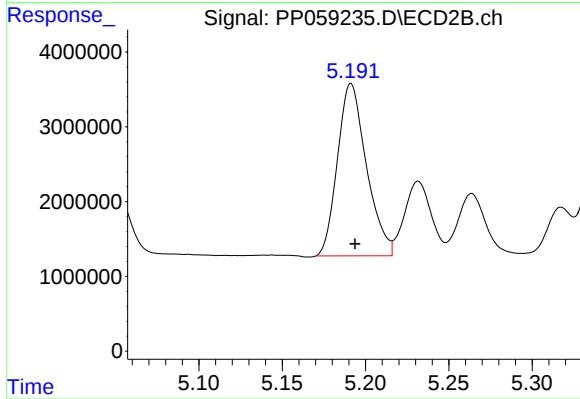
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 26565070
Conc: 1258.16 ng/ml



#15 AR-1232-5

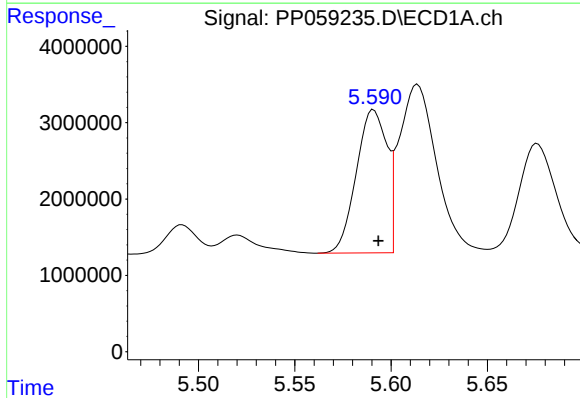
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 14442130
Conc: 1265.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



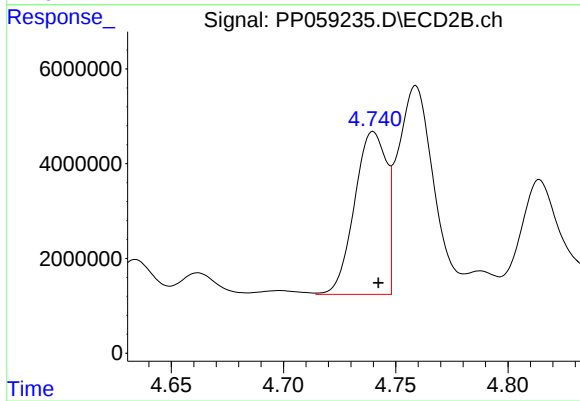
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 27865034
Conc: 1215.61 ng/ml



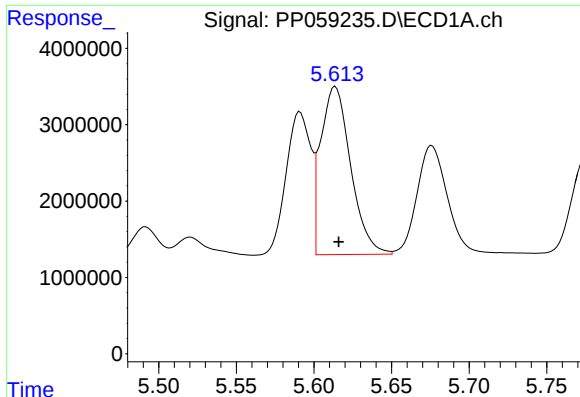
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 20739868
Conc: 605.88 ng/ml



#16 AR-1242-1

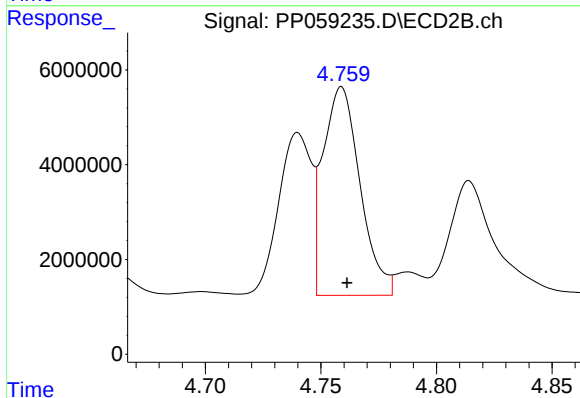
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 34044445
Conc: 608.32 ng/ml



#17 AR-1242-2

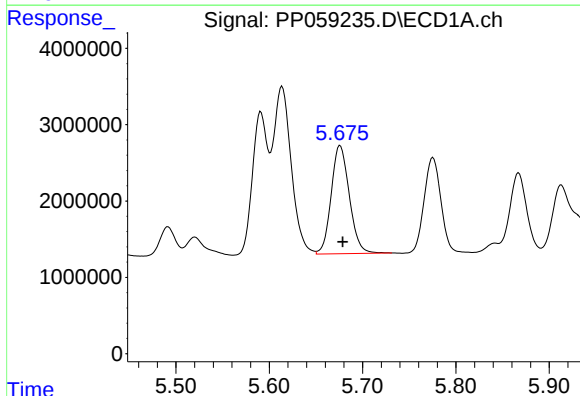
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 29581676
Conc: 602.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



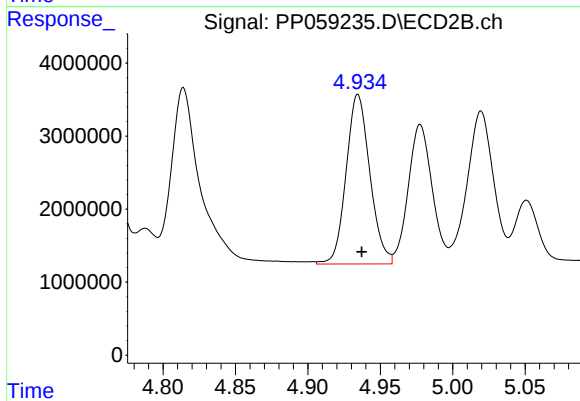
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 49051810
Conc: 615.17 ng/ml



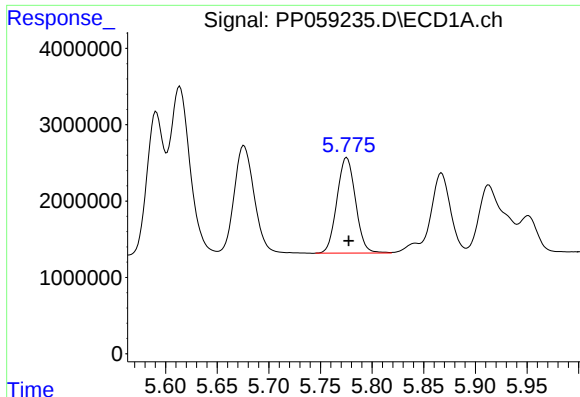
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 19141199
Conc: 609.24 ng/ml



#18 AR-1242-3

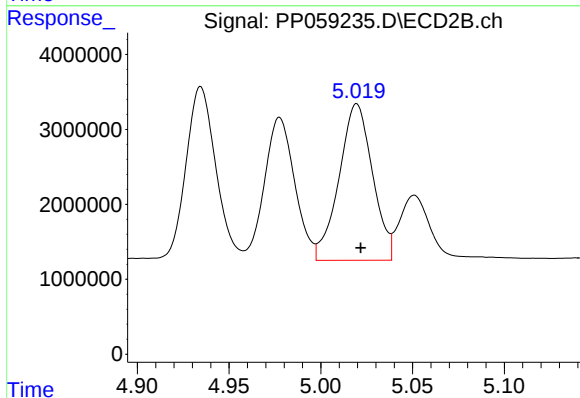
R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 26482323
Conc: 621.37 ng/ml



#19 AR-1242-4

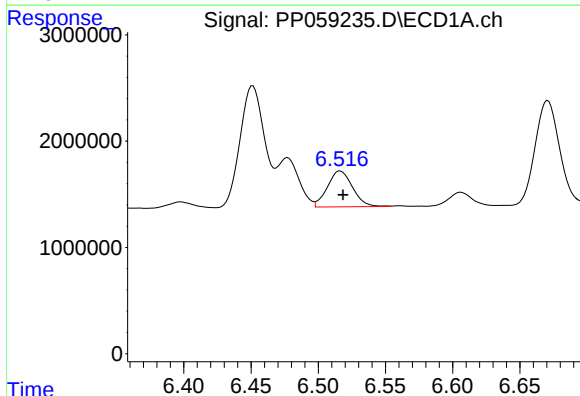
R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 15682037
Conc: 611.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



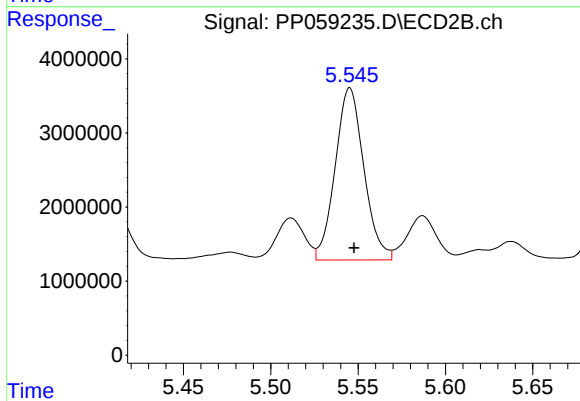
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 26565070
Conc: 608.37 ng/ml



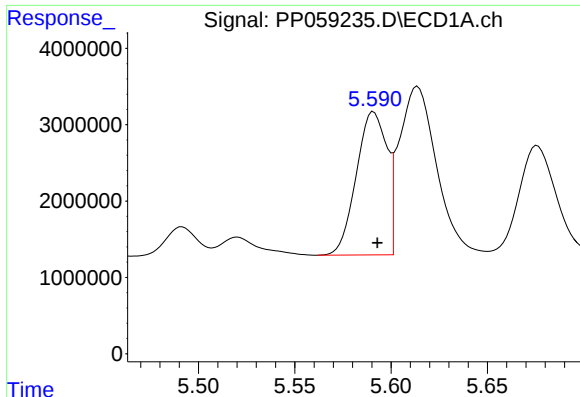
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 4374646
Conc: 169.34 ng/ml



#20 AR-1242-5

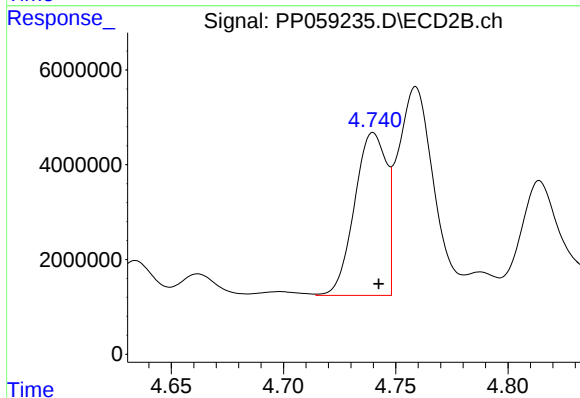
R.T.: 5.545 min
Delta R.T.: -0.002 min
Response: 26573016
Conc: 534.96 ng/ml



#21 AR-1248-1

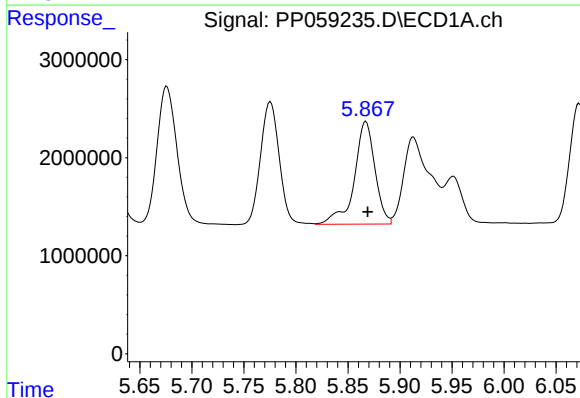
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 20739868
Conc: 817.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



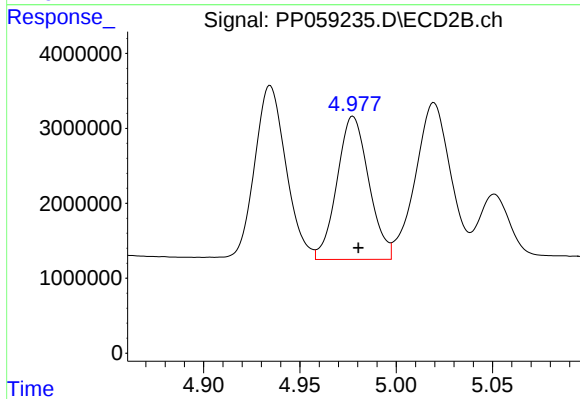
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 34044445
Conc: 827.57 ng/ml



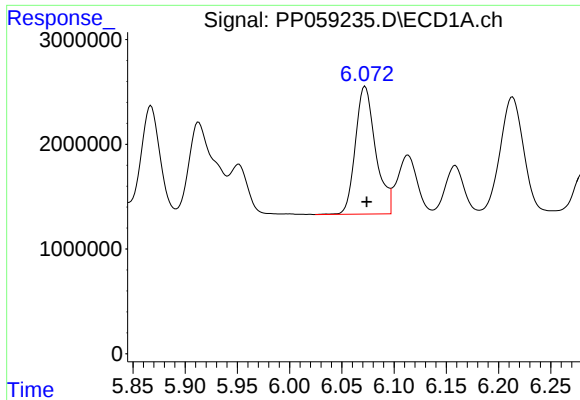
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 14442130
Conc: 373.13 ng/ml



#22 AR-1248-2

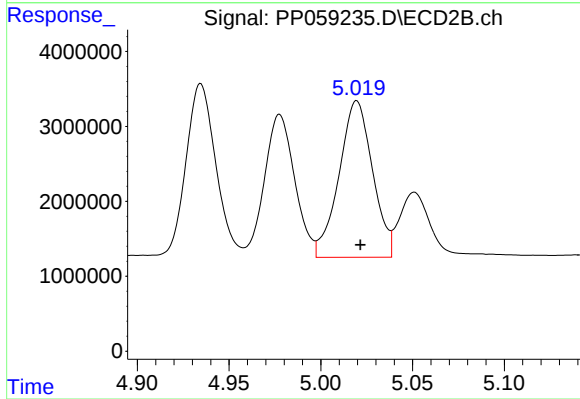
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 21931729
Conc: 364.21 ng/ml



#23 AR-1248-3

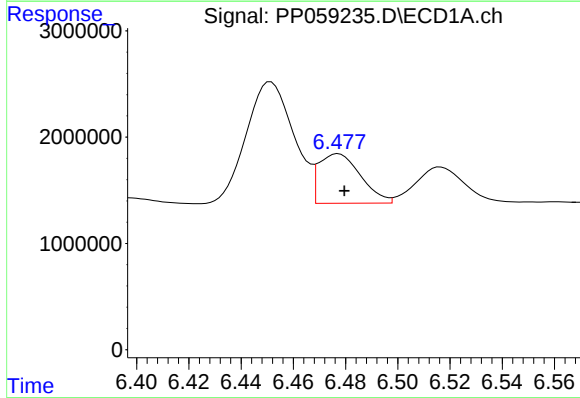
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 16428589
Conc: 388.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



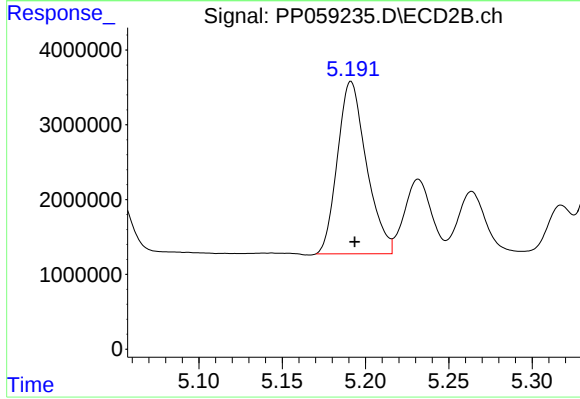
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 26565070
Conc: 431.18 ng/ml



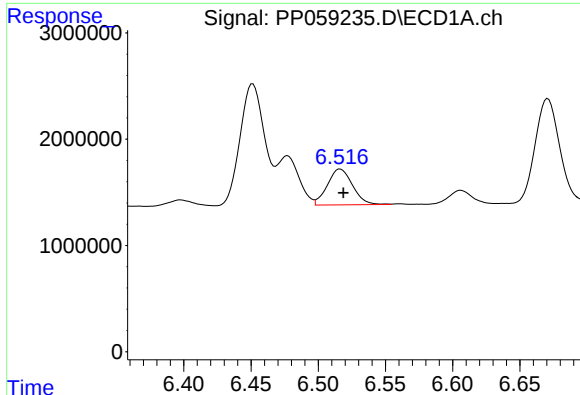
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 5184815
Conc: 124.53 ng/ml



#24 AR-1248-4

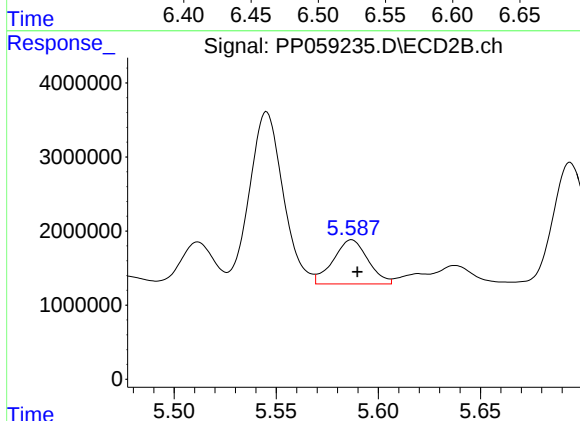
R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 27865034
Conc: 387.04 ng/ml



#25 AR-1248-5

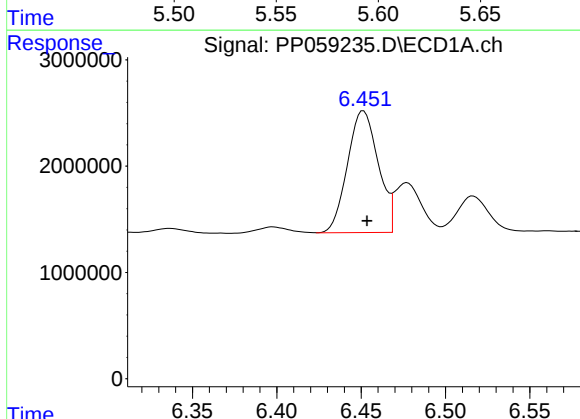
R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 4374646
Conc: 107.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



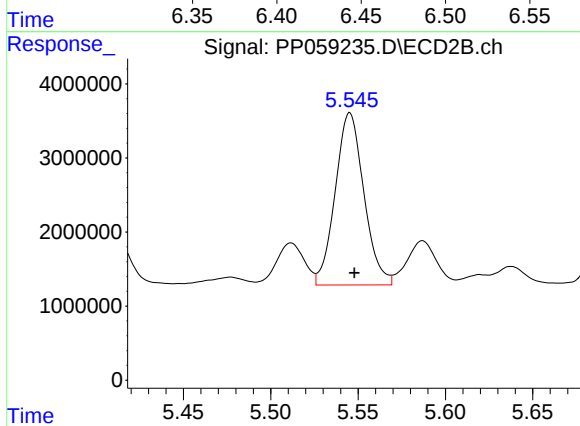
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 7069020
Conc: 107.13 ng/ml



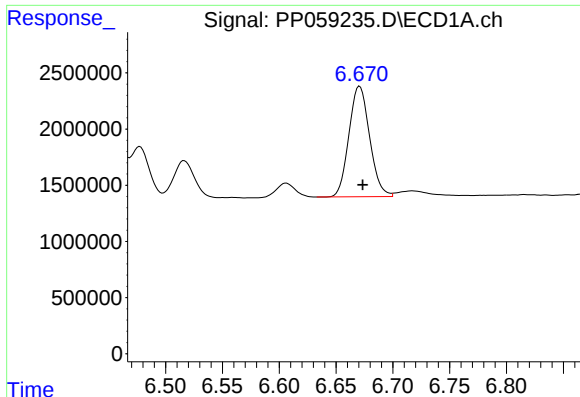
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 14559655
Conc: 311.67 ng/ml



#26 AR-1254-1

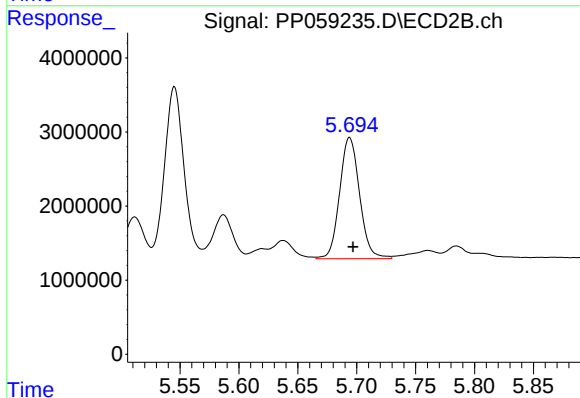
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 26573016
Conc: 262.28 ng/ml



#27 AR-1254-2

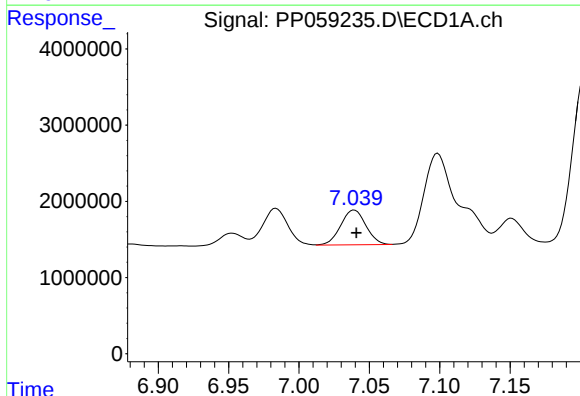
R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 12481346
Conc: 181.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



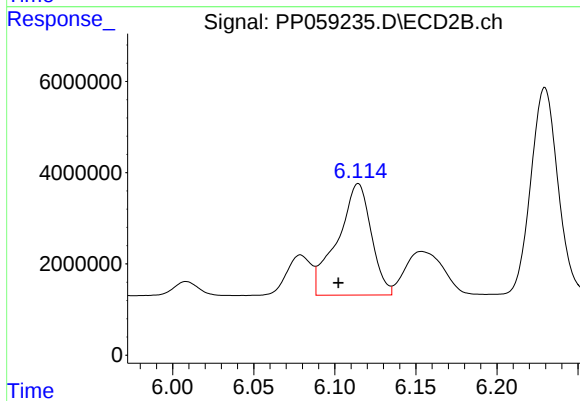
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 19325199
Conc: 218.91 ng/ml



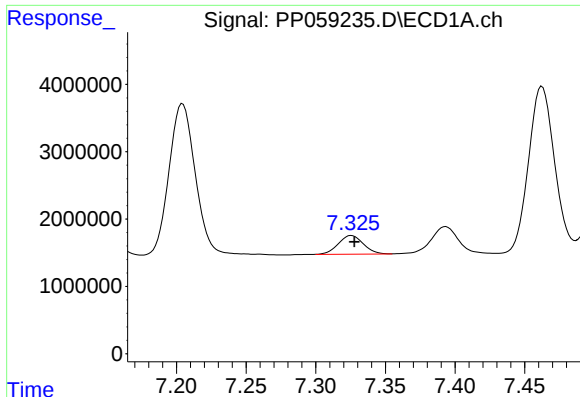
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 5673359
Conc: 82.20 ng/ml



#28 AR-1254-3

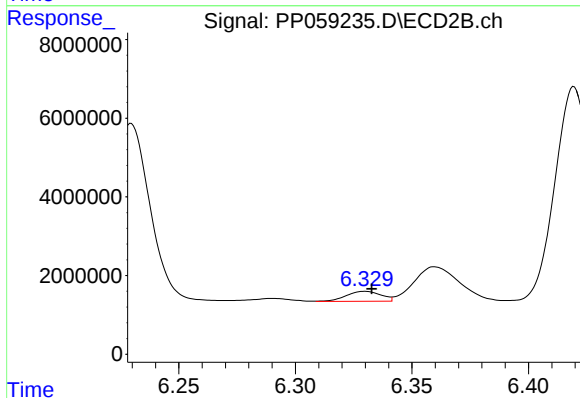
R.T.: 6.114 min
Delta R.T.: 0.012 min
Response: 35405034
Conc: 256.10 ng/ml



#29 AR-1254-4

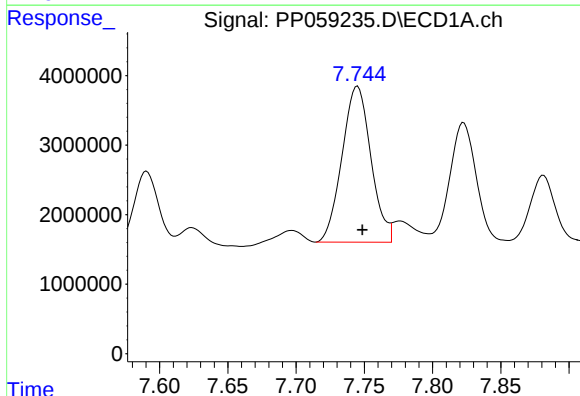
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 3472971
Conc: 77.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



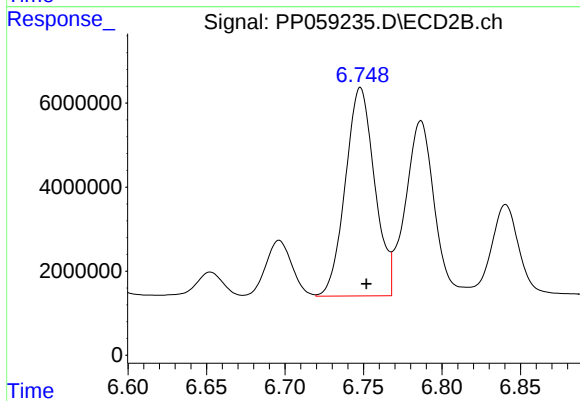
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 2619348
Conc: 32.59 ng/ml



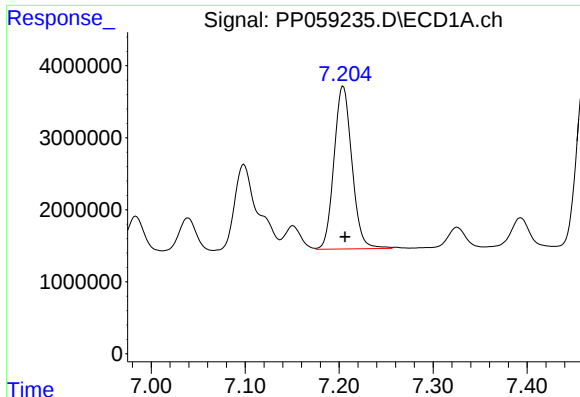
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 33022103
Conc: 702.79 ng/ml



#30 AR-1254-5

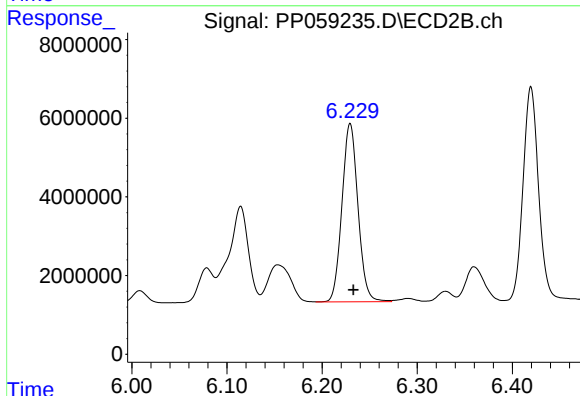
R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 64413746
Conc: 538.64 ng/ml



#31 AR-1260-1

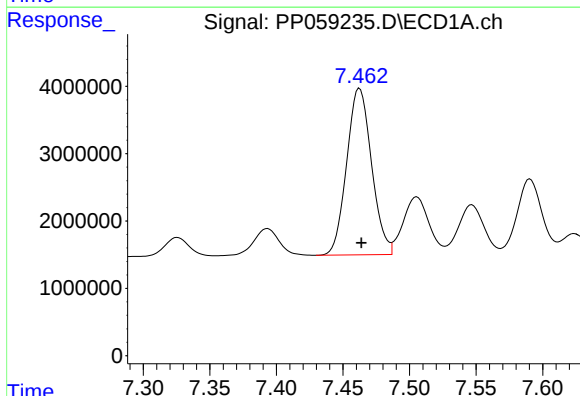
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 29958858
Conc: 547.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



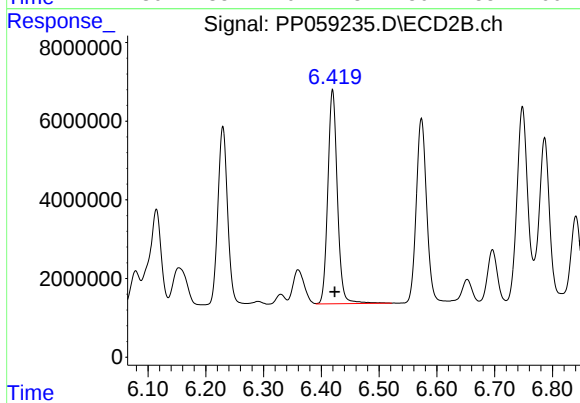
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 53046402
Conc: 535.61 ng/ml



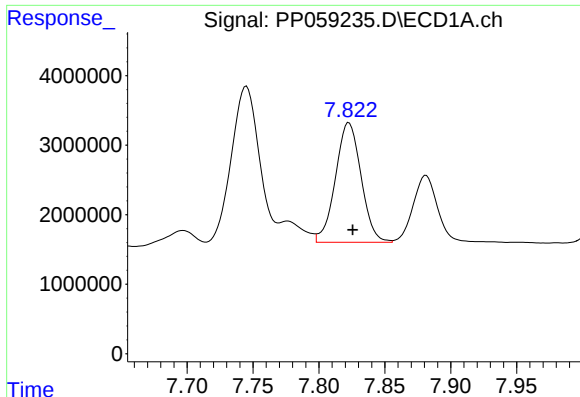
#32 AR-1260-2

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 32177347
Conc: 540.44 ng/ml



#32 AR-1260-2

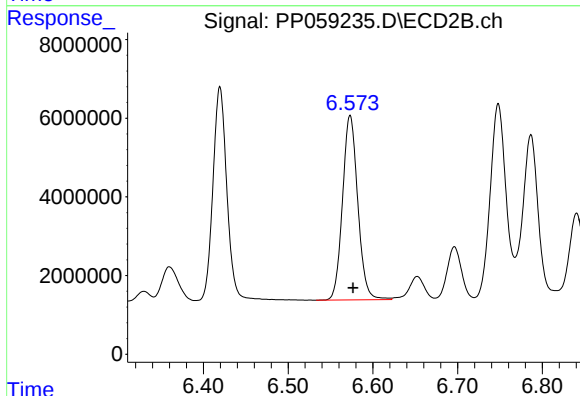
R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 62717190
Conc: 542.02 ng/ml



#33 AR-1260-3

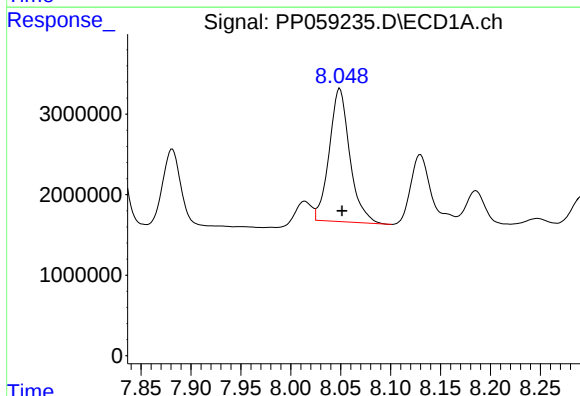
R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 23303325
Conc: 592.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



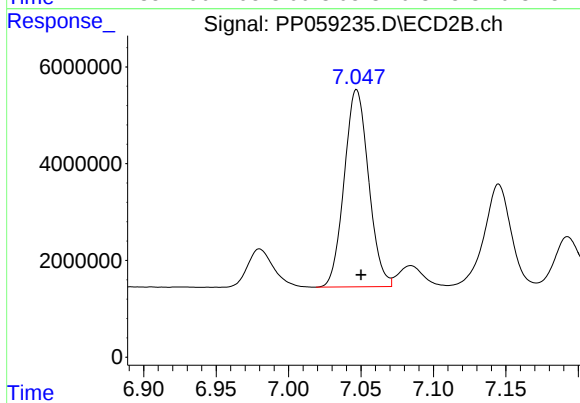
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 58763733
Conc: 528.29 ng/ml



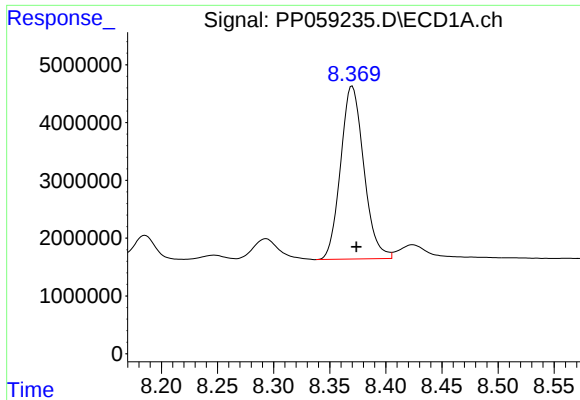
#34 AR-1260-4

R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 23710606
Conc: 533.86 ng/ml



#34 AR-1260-4

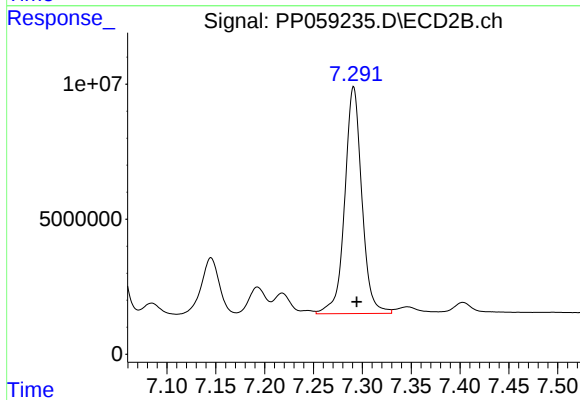
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 47767500
Conc: 550.98 ng/ml



#35 AR-1260-5

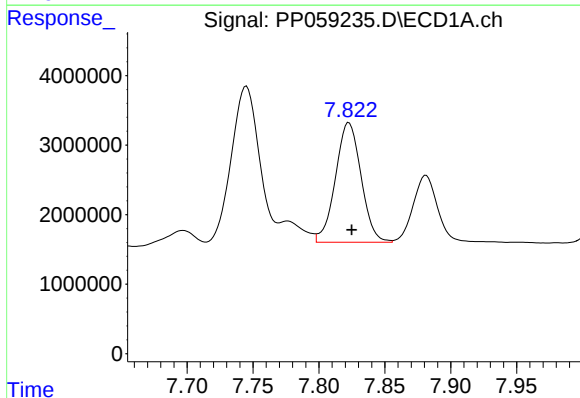
R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 43089400
Conc: 538.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



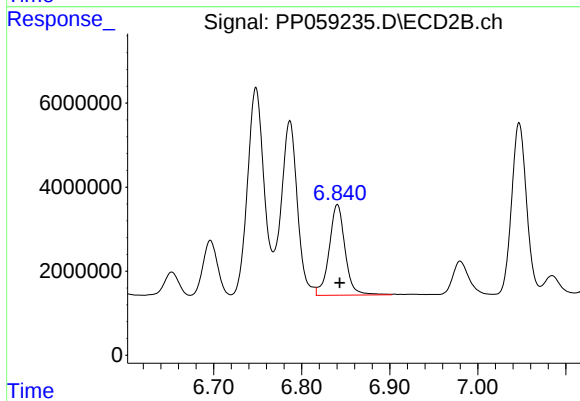
#35 AR-1260-5

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 102502211
Conc: 556.10 ng/ml



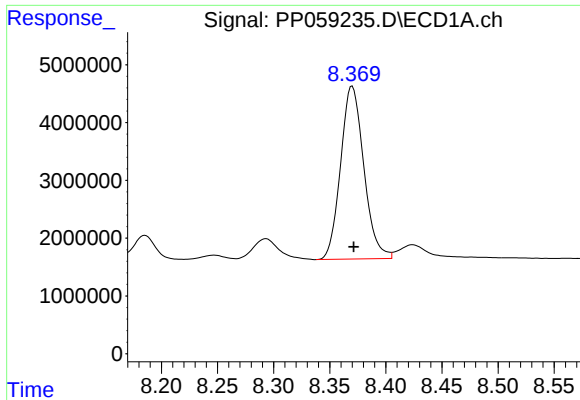
#36 AR-1262-1

R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 23303325
Conc: 365.88 ng/ml



#36 AR-1262-1

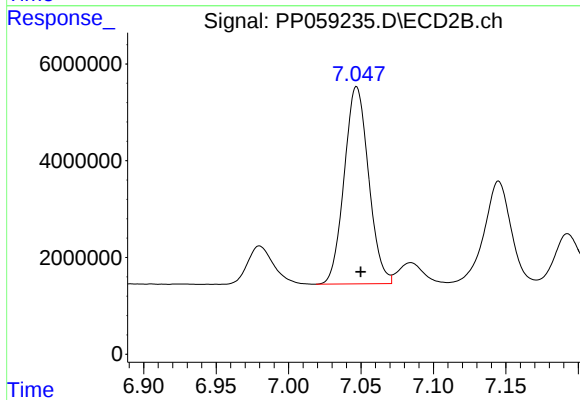
R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 27120008
Conc: 471.37 ng/ml



#37 AR-1262-2

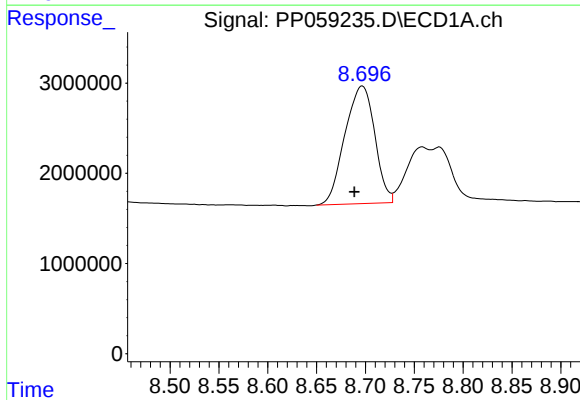
R.T.: 8.370 min
Delta R.T.: -0.001 min
Response: 43089400
Conc: 469.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



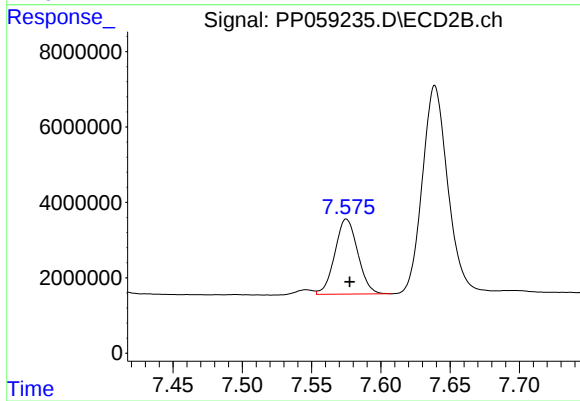
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 47767500
Conc: 404.82 ng/ml



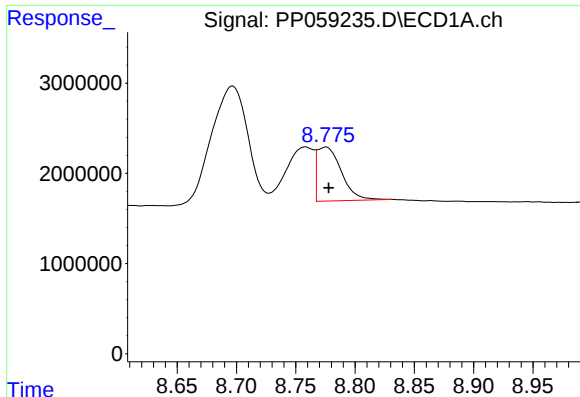
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.008 min
Response: 27736672
Conc: 431.01 ng/ml



#38 AR-1262-3

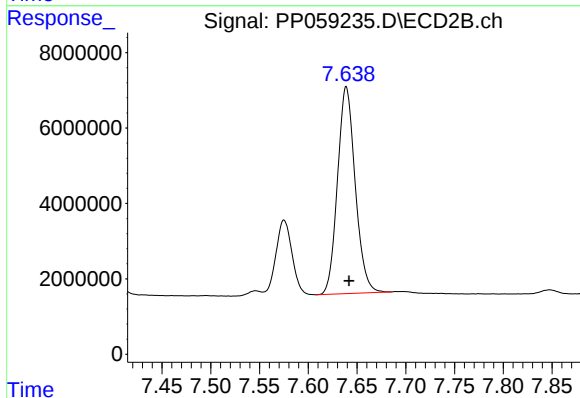
R.T.: 7.575 min
Delta R.T.: -0.003 min
Response: 22894067
Conc: 269.03 ng/ml



#39 AR-1262-4

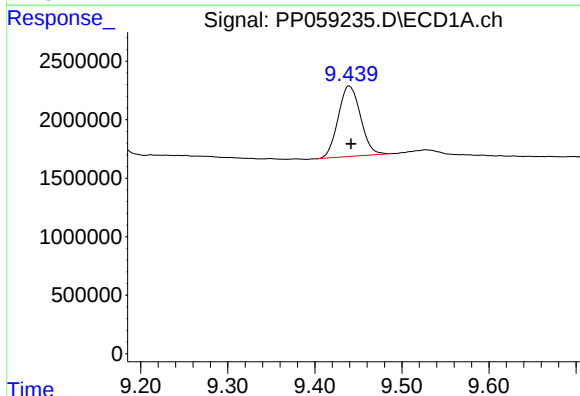
R.T.: 8.775 min
Delta R.T.: -0.002 min
Response: 8516387
Conc: 256.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



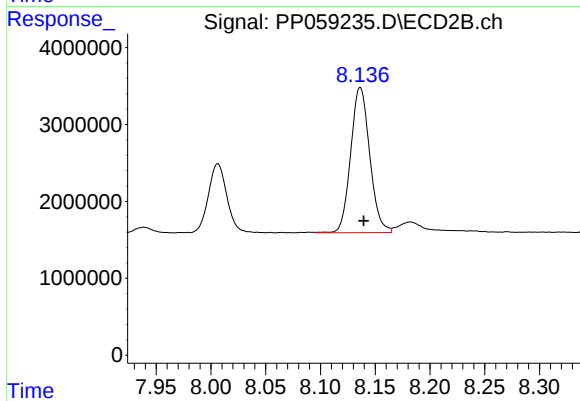
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 69341395
Conc: 459.03 ng/ml



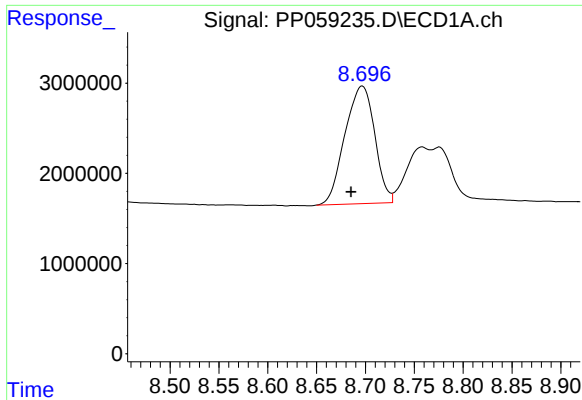
#40 AR-1262-5

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 10714832
Conc: 359.06 ng/ml



#40 AR-1262-5

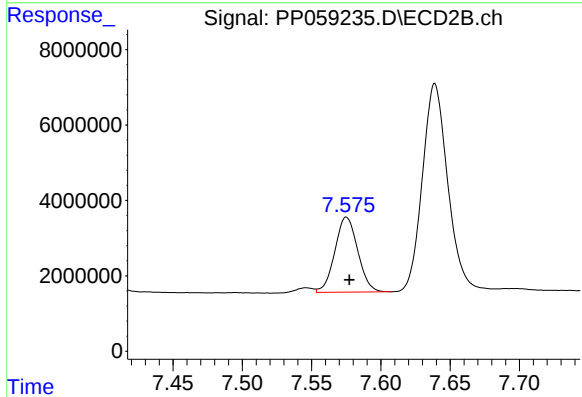
R.T.: 8.136 min
Delta R.T.: -0.003 min
Response: 22887649
Conc: 358.88 ng/ml



#41 AR-1268-1

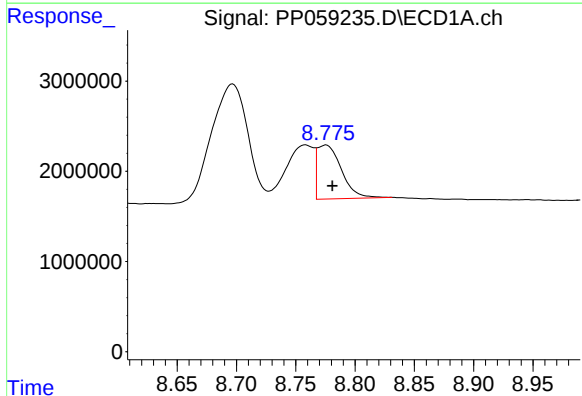
R.T.: 8.697 min
Delta R.T.: 0.012 min
Response: 27736672
Conc: 244.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



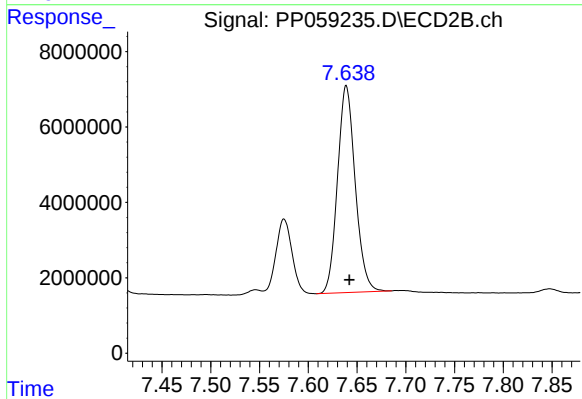
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 22894067
Conc: 93.89 ng/ml



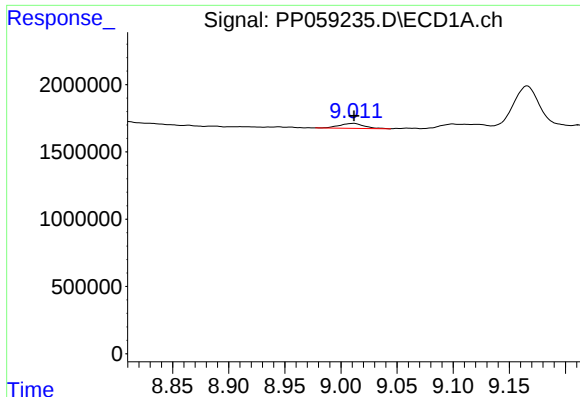
#42 AR-1268-2

R.T.: 8.775 min
Delta R.T.: -0.006 min
Response: 8516387
Conc: 86.53 ng/ml



#42 AR-1268-2

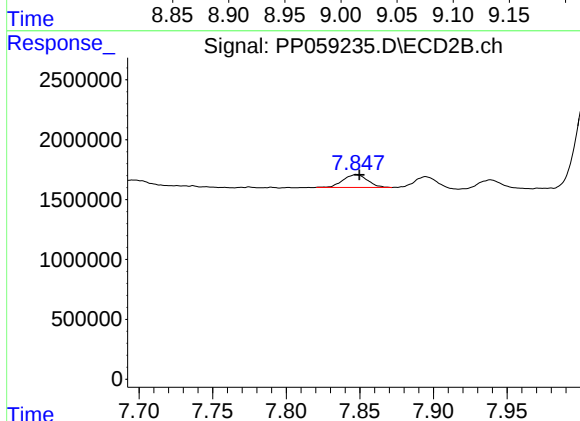
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 69341395
Conc: 316.60 ng/ml



#43 AR-1268-3

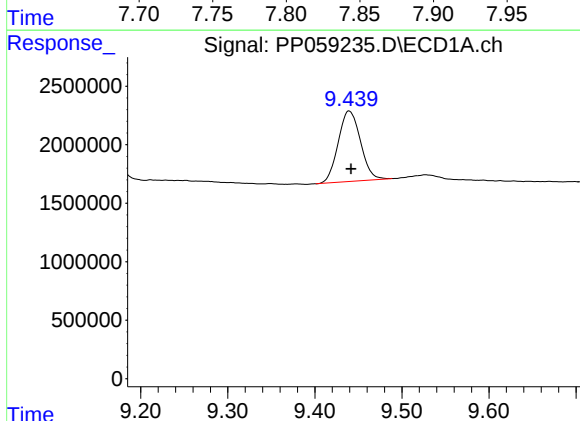
R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 563188
Conc: 6.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



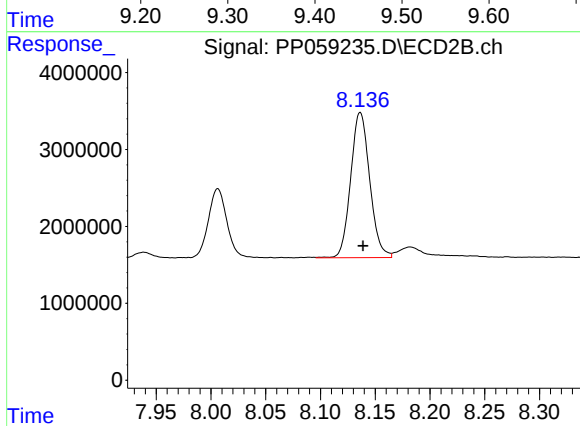
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: -0.002 min
Response: 1236169
Conc: 6.32 ng/ml



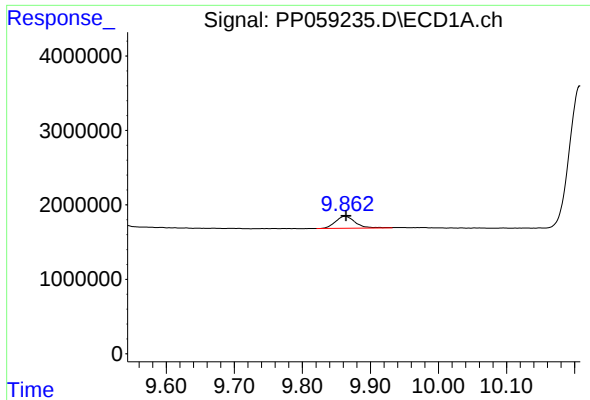
#44 AR-1268-4

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 10714832
Conc: 335.88 ng/ml



#44 AR-1268-4

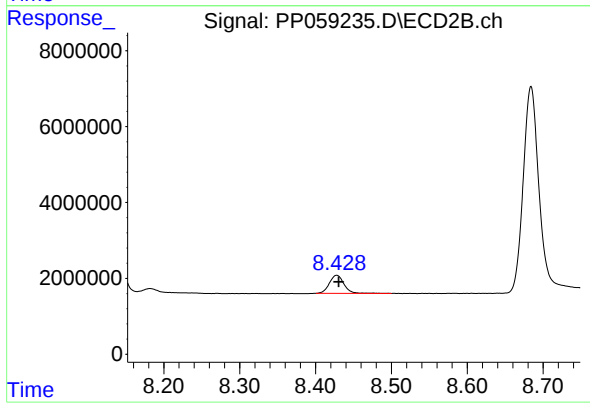
R.T.: 8.136 min
Delta R.T.: -0.003 min
Response: 22887649
Conc: 328.89 ng/ml



#45 AR-1268-5

R.T.: 9.863 min
Delta R.T.: -0.002 min
Response: 3268992
Conc: 12.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: -0.003 min
Response: 6389884
Conc: 12.33 ng/ml