

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031023\
 Data File : PP056351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 13:04
 Operator : YP\AJ
 Sample : PB151330BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 14:22:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.319	3.561	33024320	24931872	21.269	17.669
2)	SA Decachlor...	10.060	8.557	43052599	24599501	21.674	22.006
Target Compounds							
3)	L1 AR-1016-1	5.490	4.641	26919735	17472216	464.993	414.721
4)	L1 AR-1016-2	5.512	4.659	39519316	25163679	461.309	415.180
5)	L1 AR-1016-3	5.573	4.835	24930289	13425128	457.080	414.779
6)	L1 AR-1016-4	5.672	4.878	20111057	11693872	463.156	416.665
7)	L1 AR-1016-5	5.968	5.091	21377273	14376677	466.256	401.839
8)	L2 AR-1221-1	4.522	3.771	2410446	1902050	120.333	109.367
9)	L2 AR-1221-2	4.614	3.858	3128163	2465483	205.878	190.796
10)	L2 AR-1221-3	4.691	3.933	14351071	10911629	308.516	268.968
11)	L3 AR-1232-1	4.691	3.933	14351071	10911629	370.165	331.567
12)	L3 AR-1232-2	5.220	4.659	20295712	25163679	1003.198	907.582
13)	L3 AR-1232-3	5.512	4.835	39519316	13425128	1014.545	947.914
14)	L3 AR-1232-4	5.672	4.920	20111057	14290847	1028.414	1006.191
15)	L3 AR-1232-5	5.764	5.091	17634071	14376677	1113.263	937.395
16)	L4 AR-1242-1	5.490	4.641	26919735	17472216	552.379	494.081
17)	L4 AR-1242-2	5.512	4.659	39519316	25163679	553.890	495.265
18)	L4 AR-1242-3	5.573	4.835	24930289	13425128	547.627	497.509
19)	L4 AR-1242-4	5.672	4.920	20111057	14290847	562.667	487.752
20)	L4 AR-1242-5	6.412	5.443	3081292	11431260	72.077	354.307 #
21)	L5 AR-1248-1	5.490	4.641	26919735	17472216	755.973	672.951
22)	L5 AR-1248-2	5.764	4.878	17634071	11693872	315.846	300.622
23)	L5 AR-1248-3	5.968	4.920	21377273	14290847	351.310	350.443
24)	L5 AR-1248-4	6.373	5.091	3270478	14376677	47.346	306.999 #
25)	L5 AR-1248-5	6.412	5.483	3081292	1588933	45.350	38.476
26)	L6 AR-1254-1	6.347	5.443	16754786	11431260	221.974	159.287 #
27)	L6 AR-1254-2	6.567	5.591	18180518	10733359	156.689	176.012
28)	L6 AR-1254-3	6.934	6.009f	10047864	18609985	81.940	201.026 #
29)	L6 AR-1254-4	7.220	6.224	6313503	1674990	69.524	31.071 #
30)	L6 AR-1254-5	7.641	6.641	61097428	34348574	590.988	439.499 #
31)	L7 AR-1260-1	7.099	6.125	43677875	27229259	443.213	399.426
32)	L7 AR-1260-2	7.357	6.313	50324823	30722625	433.854	401.614
33)	L7 AR-1260-3	7.718	6.466	33042119	29461856	385.999	407.439
34)	L7 AR-1260-4	7.945	6.938	41569572	21978630	420.466	366.510
35)	L7 AR-1260-5	8.260	7.182	79987810	47891274	400.248	374.795
36)	L8 AR-1262-1	7.718	6.733	33042119	12111096	276.836	368.485 #
37)	L8 AR-1262-2	8.260	6.938	79987810	21978630	366.478	308.318
38)	L8 AR-1262-3	8.582	7.465	53503565	10473994	350.194	192.343 #
39)	L8 AR-1262-4	8.658	7.528	12253031	36144641	152.419	373.844 #
40)	L8 AR-1262-5	9.311	8.025	21139158	11178385	255.161	248.767
41)	L9 AR-1268-1	8.582f	7.465	53503565	10473994	194.131	62.074 #

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Acq On : 09 Mar 2023 13:04
Operator : YP\AJ
Sample : PB151330BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

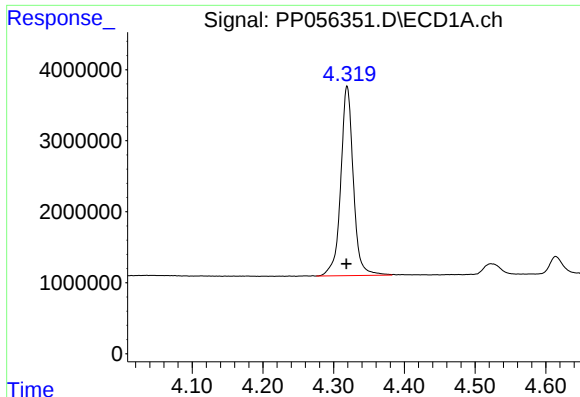
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 09 14:22:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 08 02:03:40 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
42)	L9 AR-1268-2	8.658	7.528	12253031	36144641	47.518	241.699 #
43)	L9 AR-1268-3	8.886	7.735	2039809	984152	8.898	7.246
44)	L9 AR-1268-4	9.311	8.025	21139158	11178385	226.409	219.038
45)	L9 AR-1268-5	9.724	8.309	7240146	4083871	9.975	10.496

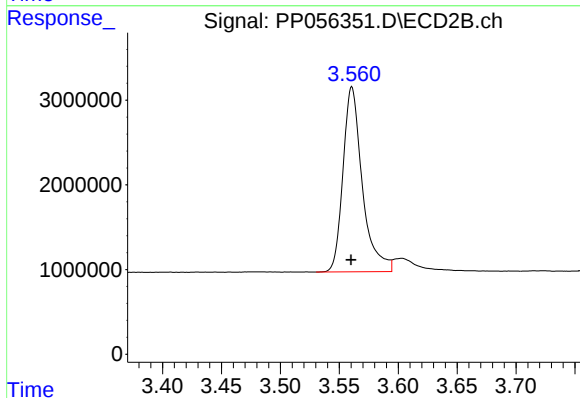
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

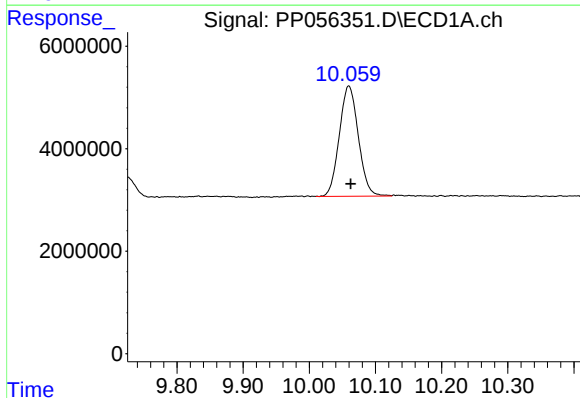
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 33024320
Conc: 21.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



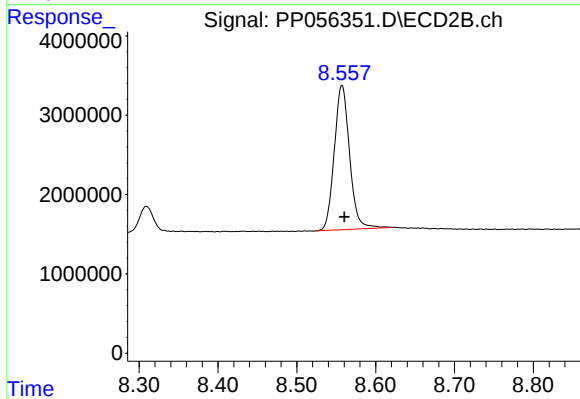
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 24931872
Conc: 17.67 ng/ml



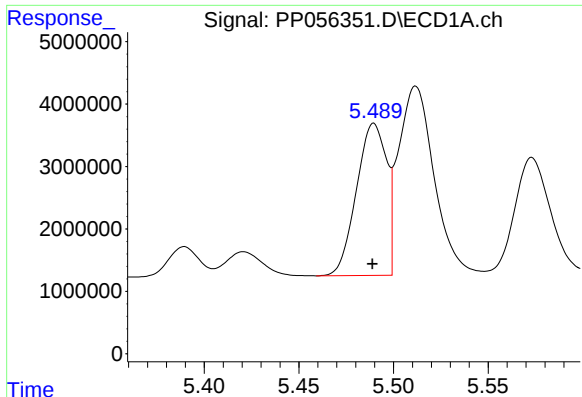
#2 Decachlorobiphenyl

R.T.: 10.060 min
Delta R.T.: -0.003 min
Response: 43052599
Conc: 21.67 ng/ml



#2 Decachlorobiphenyl

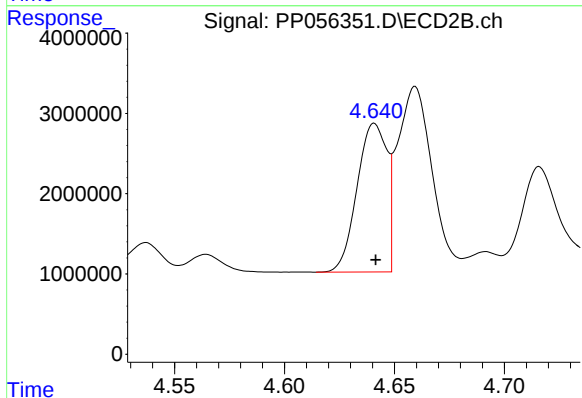
R.T.: 8.557 min
Delta R.T.: -0.003 min
Response: 24599501
Conc: 22.01 ng/ml



#3 AR-1016-1

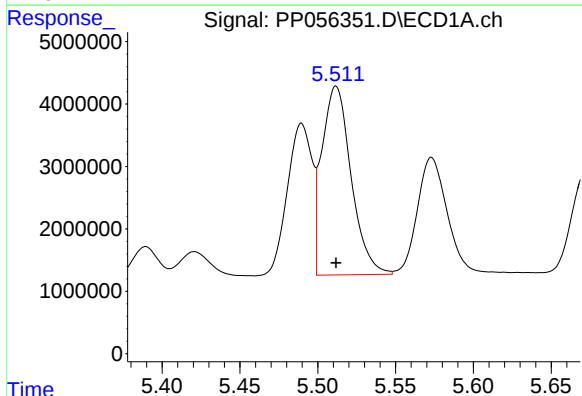
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 26919735
Conc: 464.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



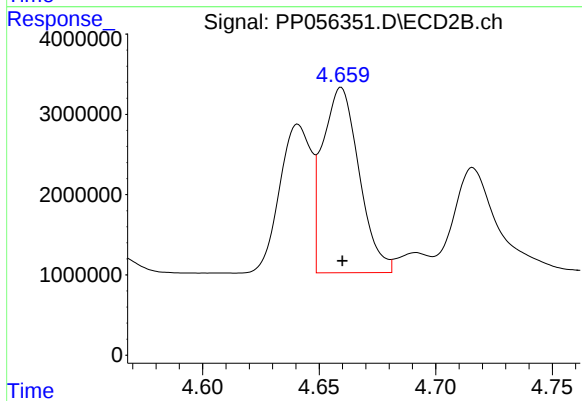
#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 17472216
Conc: 414.72 ng/ml



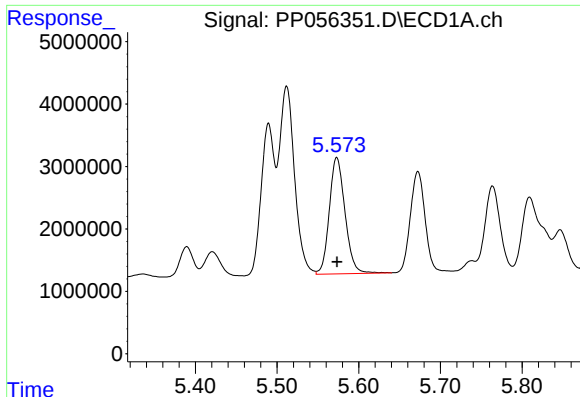
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 39519316
Conc: 461.31 ng/ml



#4 AR-1016-2

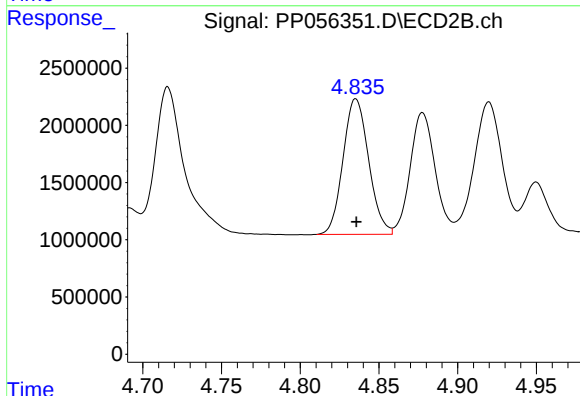
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 25163679
Conc: 415.18 ng/ml



#5 AR-1016-3

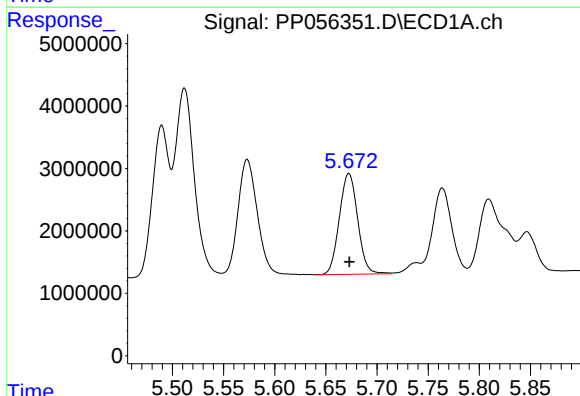
R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 24930289
Conc: 457.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



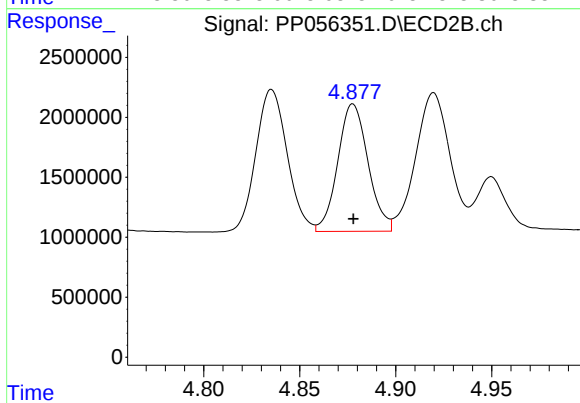
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 13425128
Conc: 414.78 ng/ml



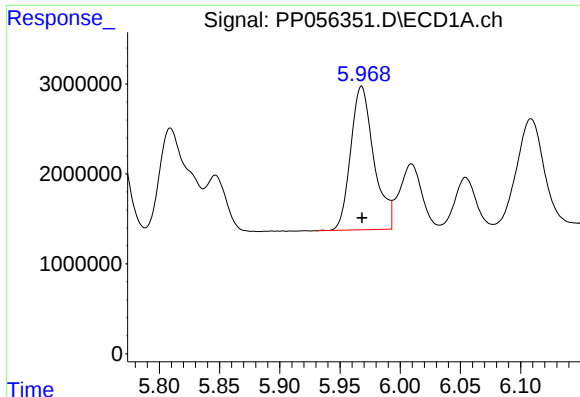
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 20111057
Conc: 463.16 ng/ml



#6 AR-1016-4

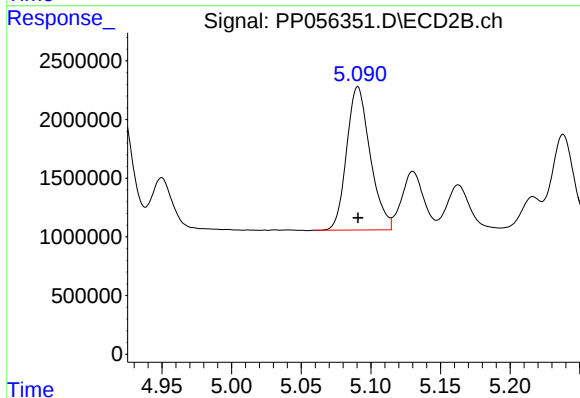
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 11693872
Conc: 416.67 ng/ml



#7 AR-1016-5

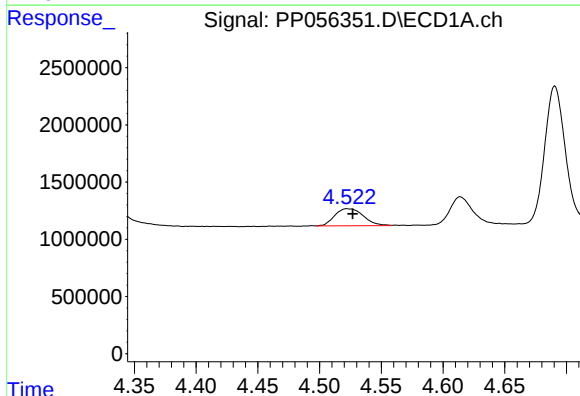
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 21377273
Conc: 466.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



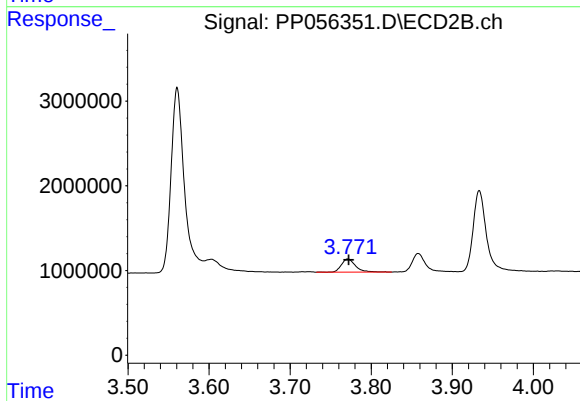
#7 AR-1016-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 14376677
Conc: 401.84 ng/ml



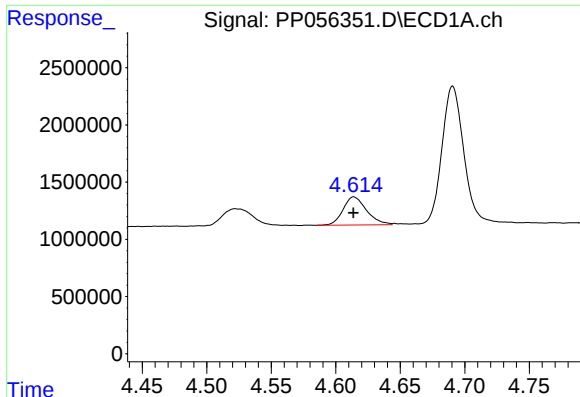
#8 AR-1221-1

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 2410446
Conc: 120.33 ng/ml



#8 AR-1221-1

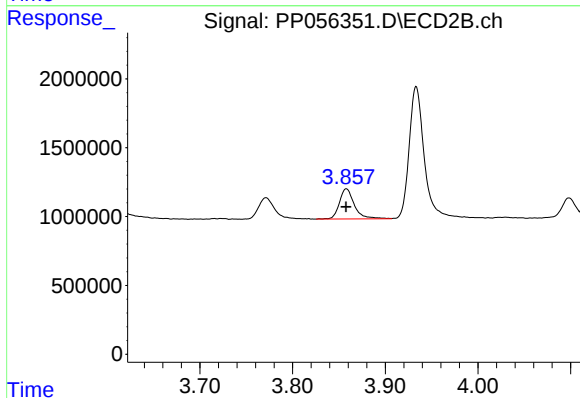
R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 1902050
Conc: 109.37 ng/ml



#9 AR-1221-2

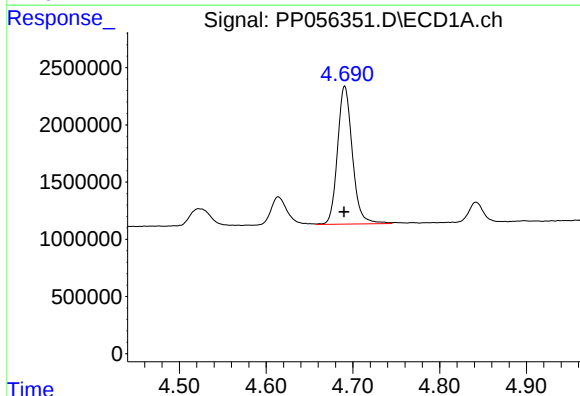
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 3128163
Conc: 205.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



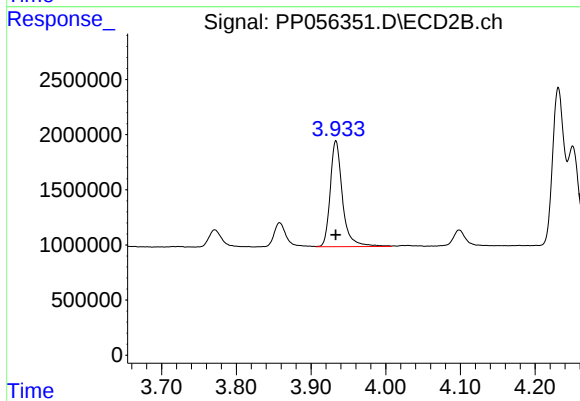
#9 AR-1221-2

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 2465483
Conc: 190.80 ng/ml



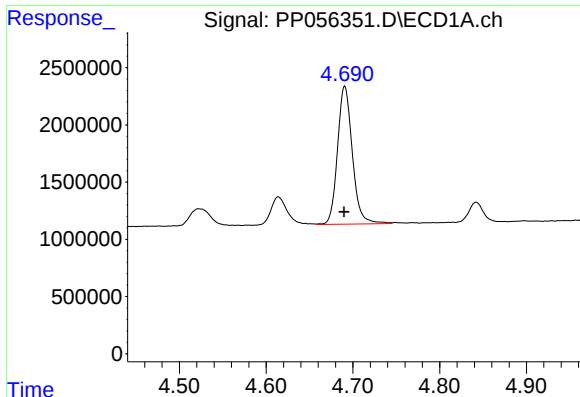
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 14351071
Conc: 308.52 ng/ml



#10 AR-1221-3

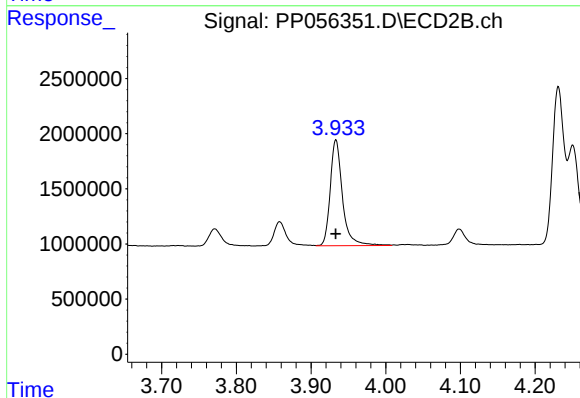
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 10911629
Conc: 268.97 ng/ml



#11 AR-1232-1

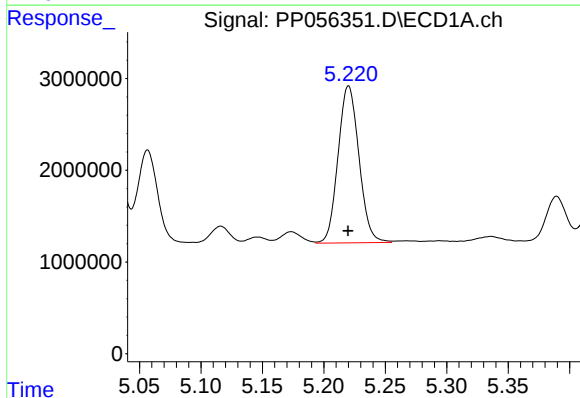
R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 14351071
Conc: 370.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



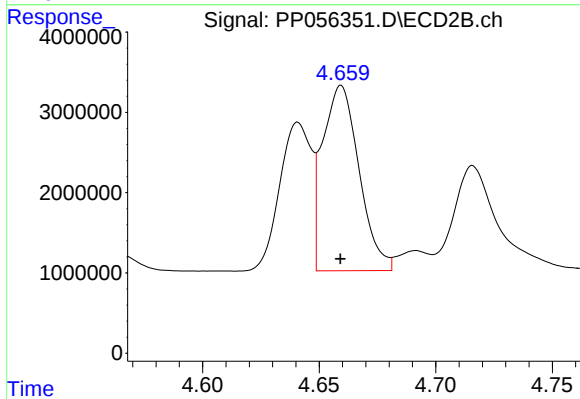
#11 AR-1232-1

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 10911629
Conc: 331.57 ng/ml



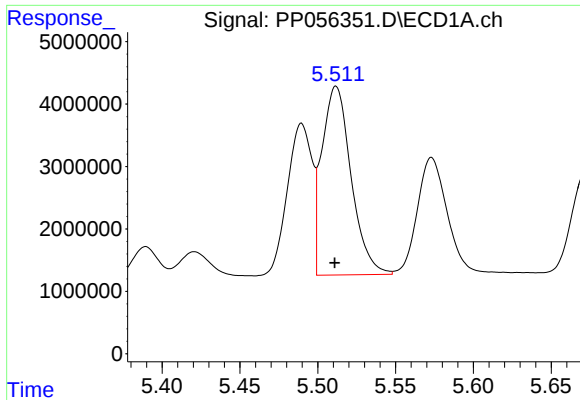
#12 AR-1232-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 20295712
Conc: 1003.20 ng/ml



#12 AR-1232-2

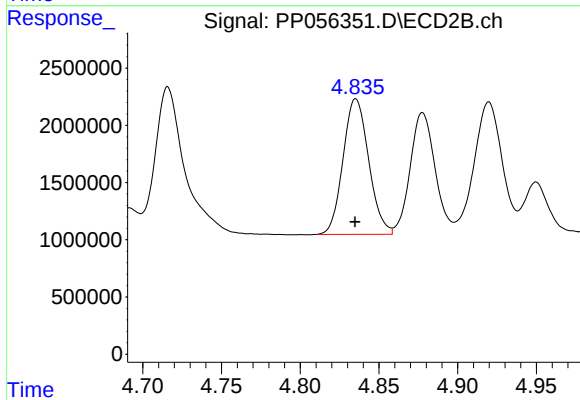
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 25163679
Conc: 907.58 ng/ml



#13 AR-1232-3

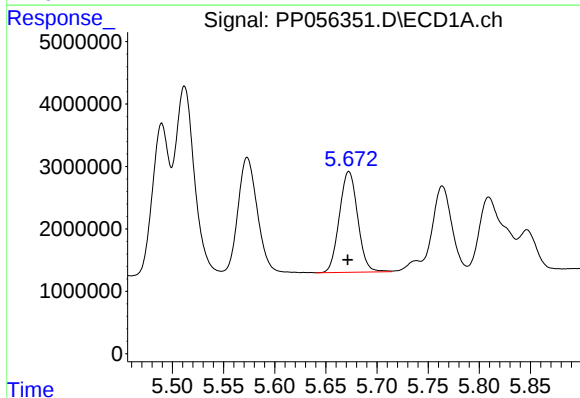
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 39519316
Conc: 1014.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



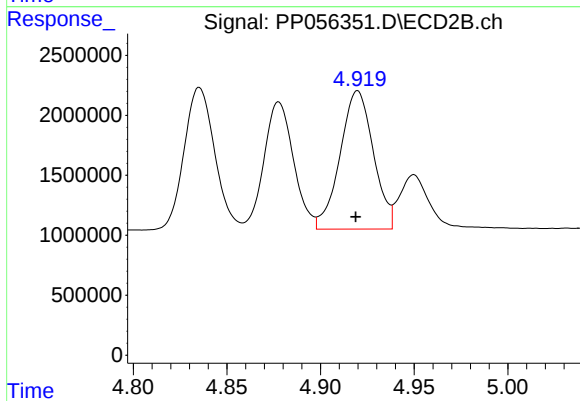
#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 13425128
Conc: 947.91 ng/ml



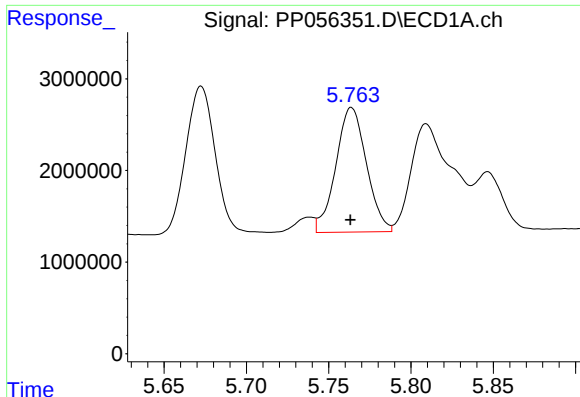
#14 AR-1232-4

R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 20111057
Conc: 1028.41 ng/ml



#14 AR-1232-4

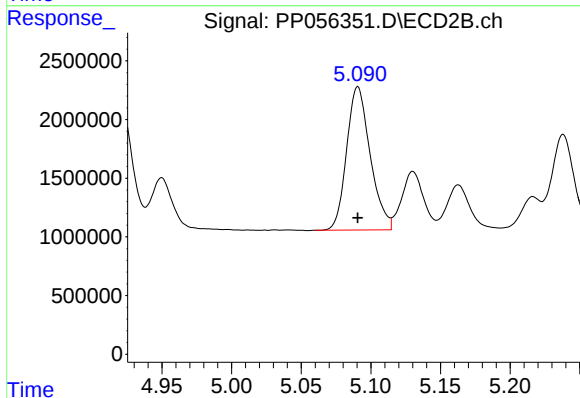
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 14290847
Conc: 1006.19 ng/ml



#15 AR-1232-5

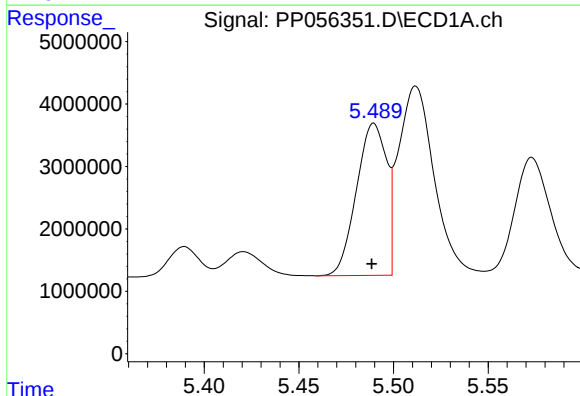
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 17634071
Conc: 1113.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



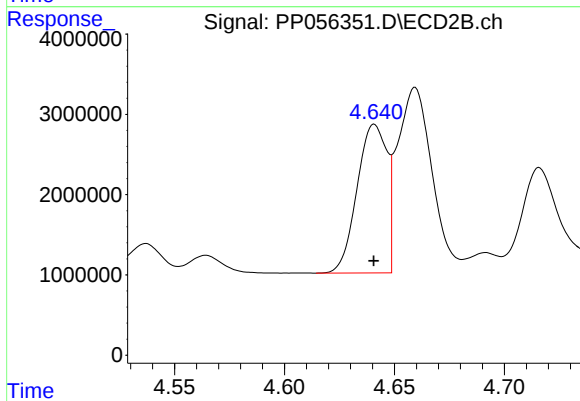
#15 AR-1232-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 14376677
Conc: 937.39 ng/ml



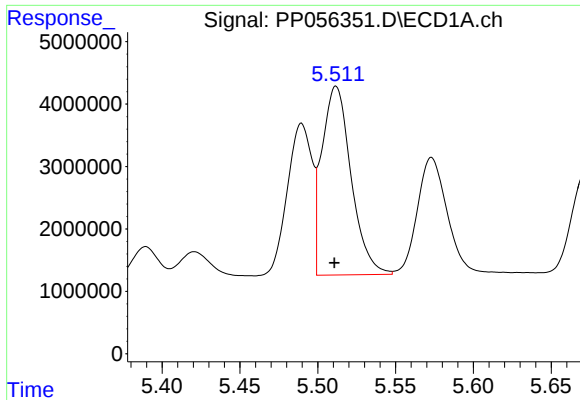
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 26919735
Conc: 552.38 ng/ml



#16 AR-1242-1

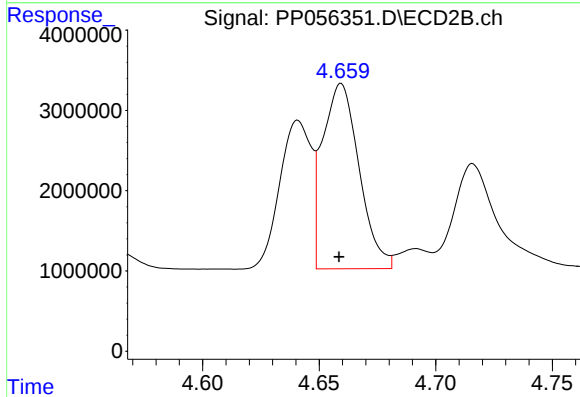
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 17472216
Conc: 494.08 ng/ml



#17 AR-1242-2

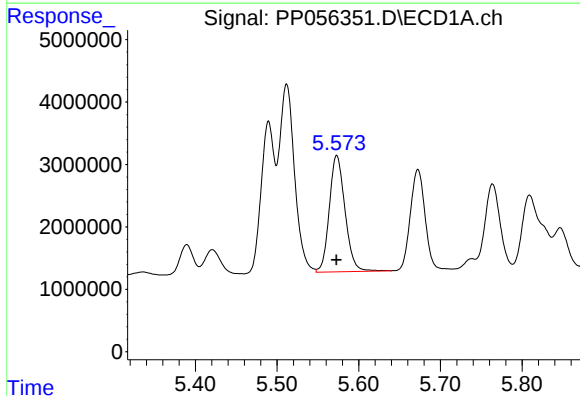
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 39519316
Conc: 553.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



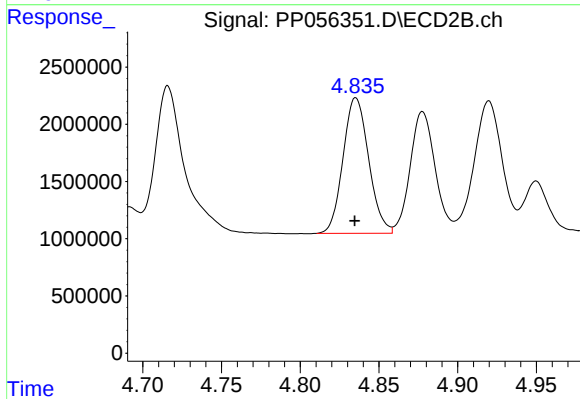
#17 AR-1242-2

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 25163679
Conc: 495.27 ng/ml



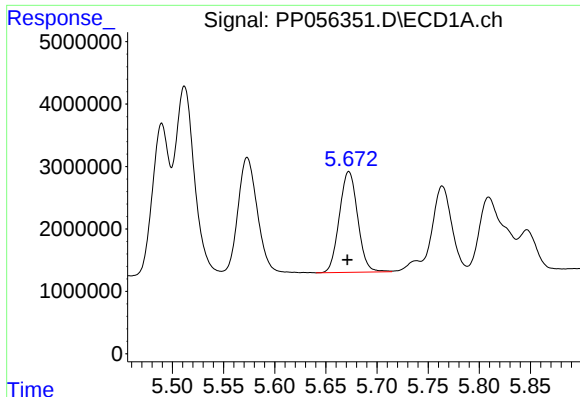
#18 AR-1242-3

R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 24930289
Conc: 547.63 ng/ml



#18 AR-1242-3

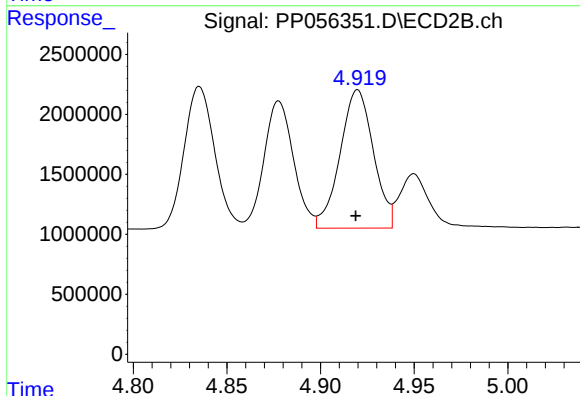
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 13425128
Conc: 497.51 ng/ml



#19 AR-1242-4

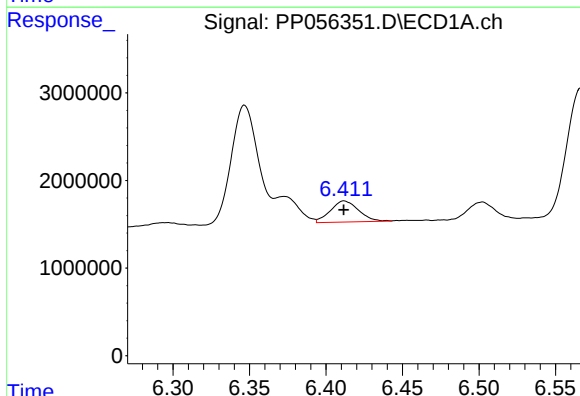
R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 20111057
Conc: 562.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



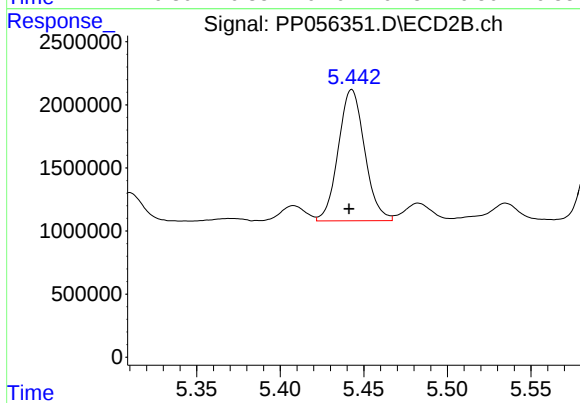
#19 AR-1242-4

R.T.: 4.920 min
Delta R.T.: 0.001 min
Response: 14290847
Conc: 487.75 ng/ml



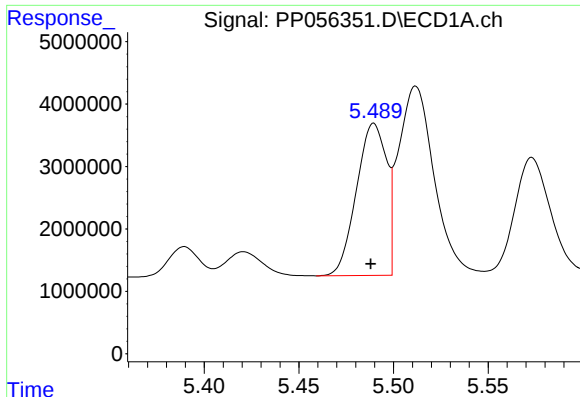
#20 AR-1242-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 3081292
Conc: 72.08 ng/ml



#20 AR-1242-5

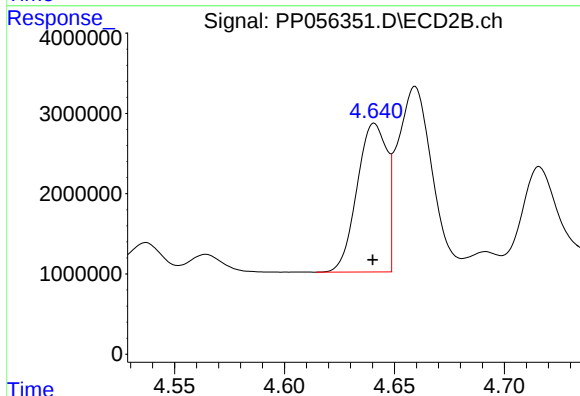
R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 11431260
Conc: 354.31 ng/ml



#21 AR-1248-1

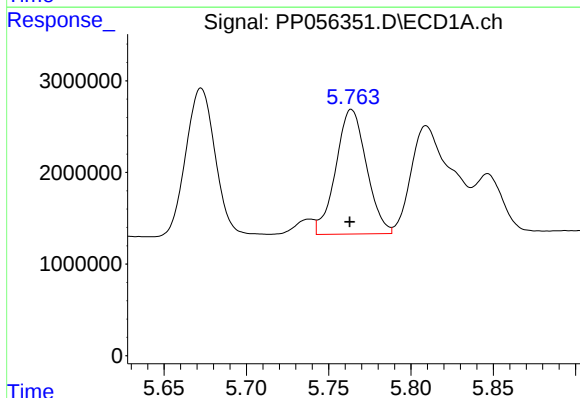
R.T.: 5.490 min
Delta R.T.: 0.002 min
Response: 26919735
Conc: 755.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



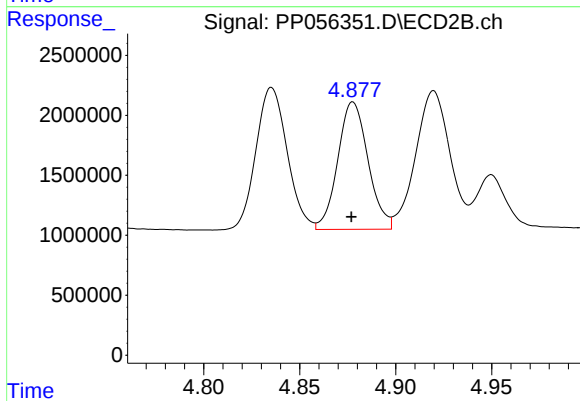
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 17472216
Conc: 672.95 ng/ml



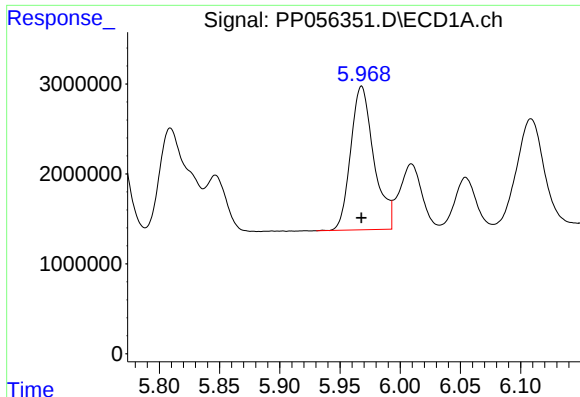
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.001 min
Response: 17634071
Conc: 315.85 ng/ml



#22 AR-1248-2

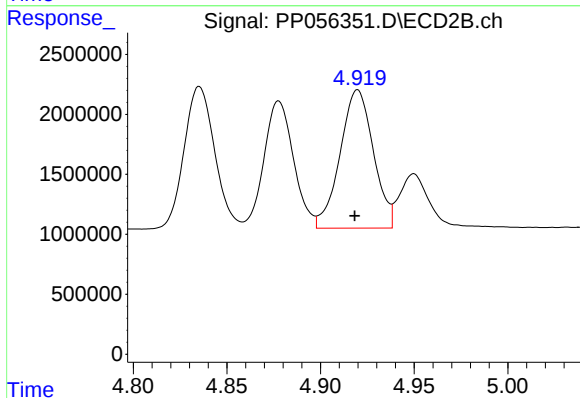
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 11693872
Conc: 300.62 ng/ml



#23 AR-1248-3

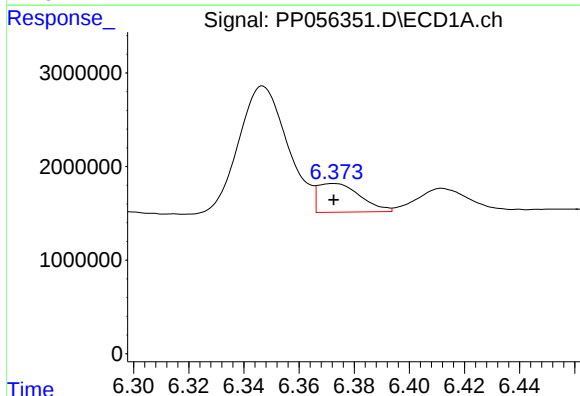
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 21377273
Conc: 351.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



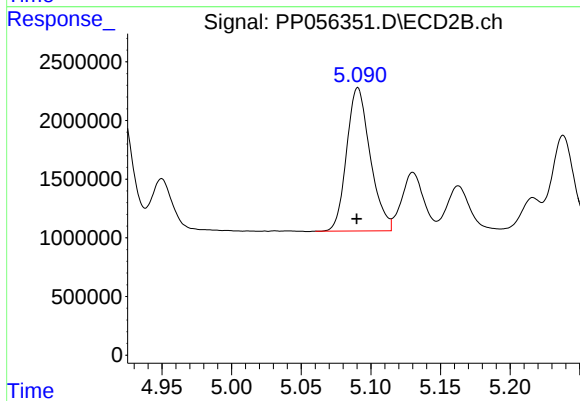
#23 AR-1248-3

R.T.: 4.920 min
Delta R.T.: 0.002 min
Response: 14290847
Conc: 350.44 ng/ml



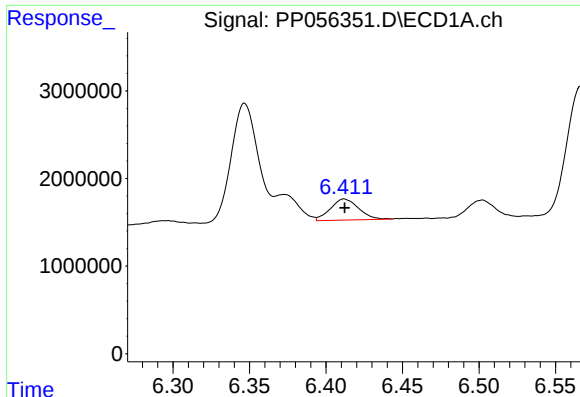
#24 AR-1248-4

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 3270478
Conc: 47.35 ng/ml



#24 AR-1248-4

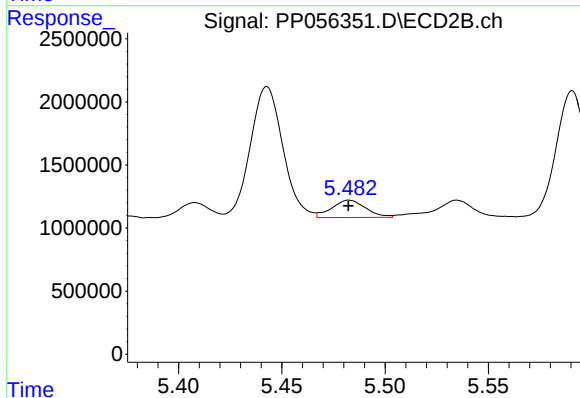
R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 14376677
Conc: 307.00 ng/ml



#25 AR-1248-5

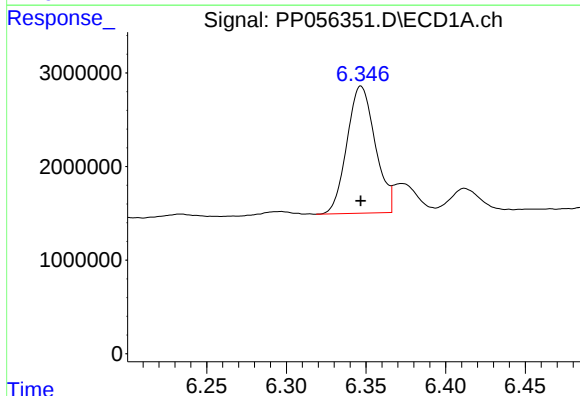
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 3081292
Conc: 45.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



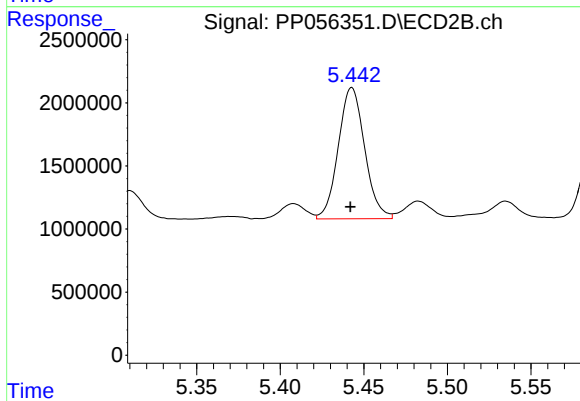
#25 AR-1248-5

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 1588933
Conc: 38.48 ng/ml



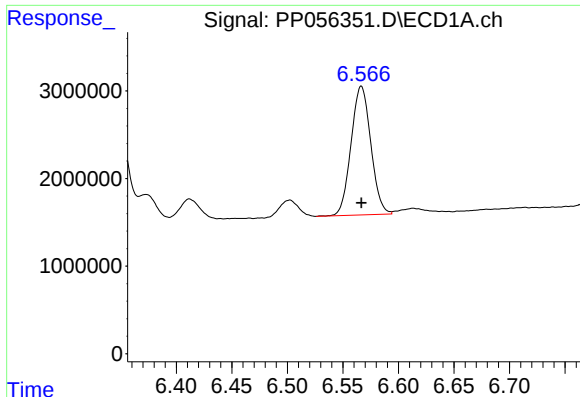
#26 AR-1254-1

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 16754786
Conc: 221.97 ng/ml



#26 AR-1254-1

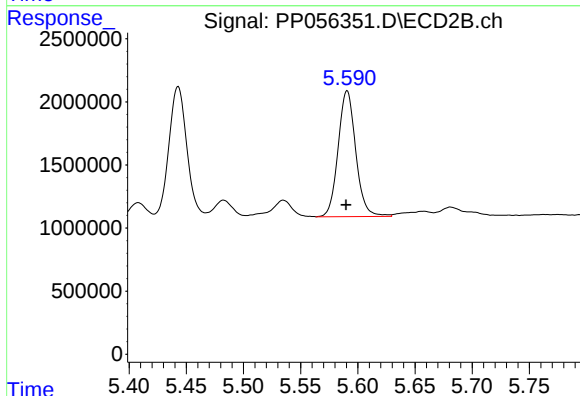
R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 11431260
Conc: 159.29 ng/ml



#27 AR-1254-2

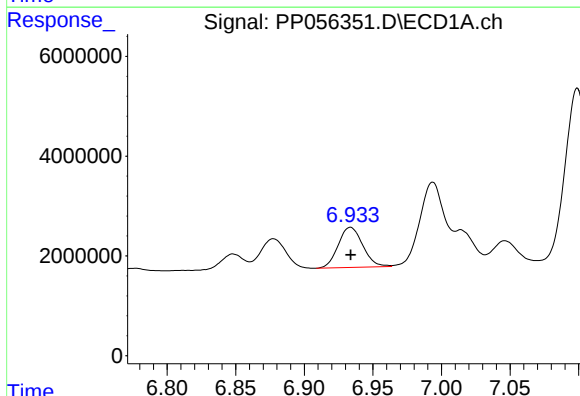
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 18180518
Conc: 156.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



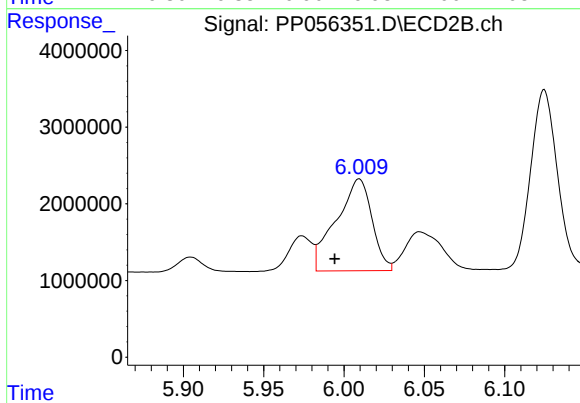
#27 AR-1254-2

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 10733359
Conc: 176.01 ng/ml



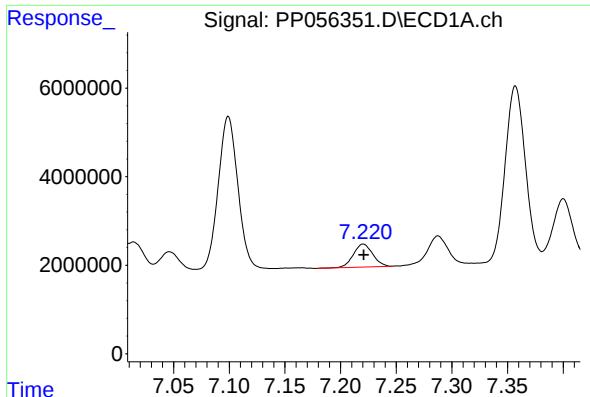
#28 AR-1254-3

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 10047864
Conc: 81.94 ng/ml



#28 AR-1254-3

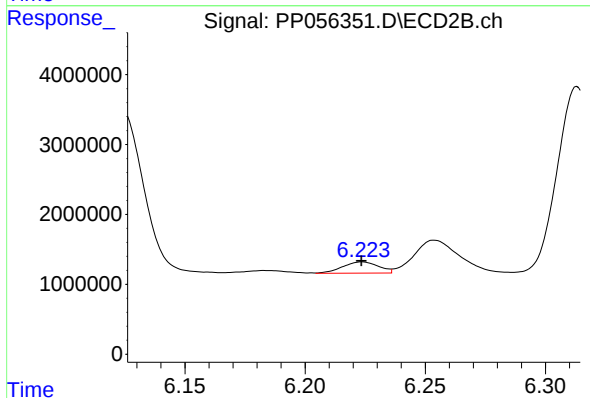
R.T.: 6.009 min
Delta R.T.: 0.015 min
Response: 18609985
Conc: 201.03 ng/ml



#29 AR-1254-4

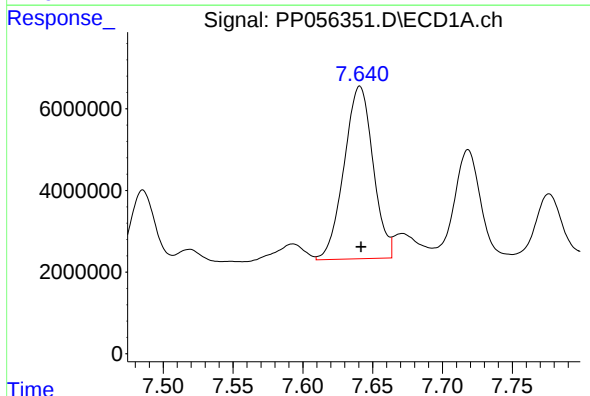
R.T.: 7.220 min
Delta R.T.: 0.000 min
Response: 6313503
Conc: 69.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



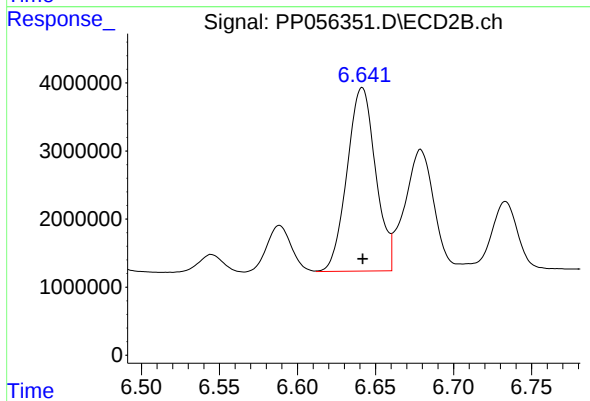
#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1674990
Conc: 31.07 ng/ml



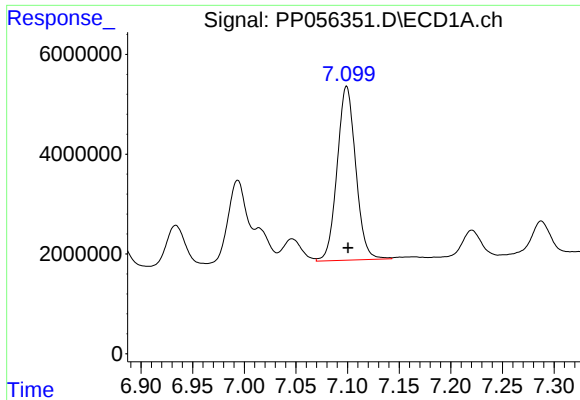
#30 AR-1254-5

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 61097428
Conc: 590.99 ng/ml



#30 AR-1254-5

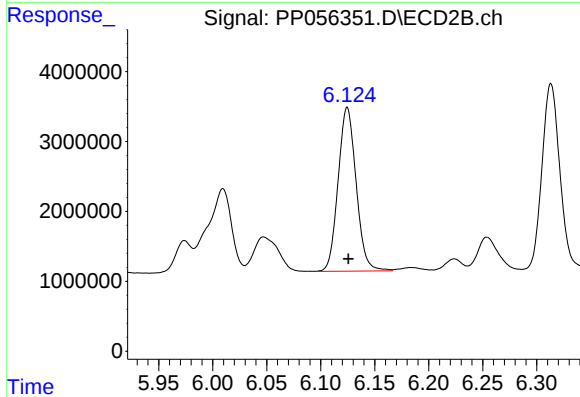
R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 34348574
Conc: 439.50 ng/ml



#31 AR-1260-1

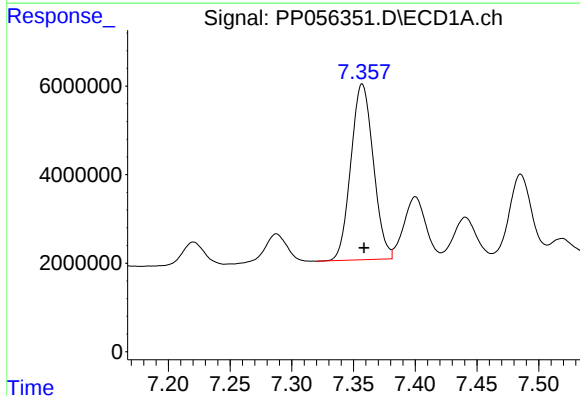
R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 43677875
Conc: 443.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



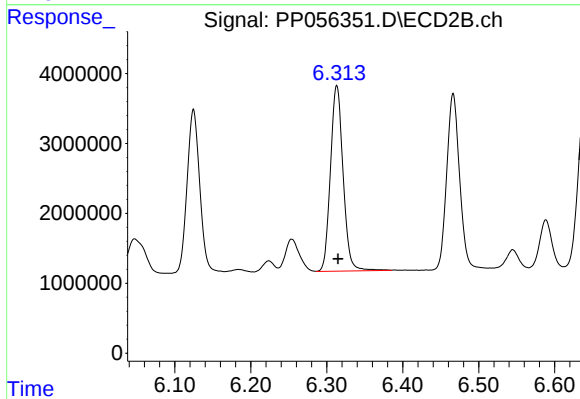
#31 AR-1260-1

R.T.: 6.125 min
Delta R.T.: -0.001 min
Response: 27229259
Conc: 399.43 ng/ml



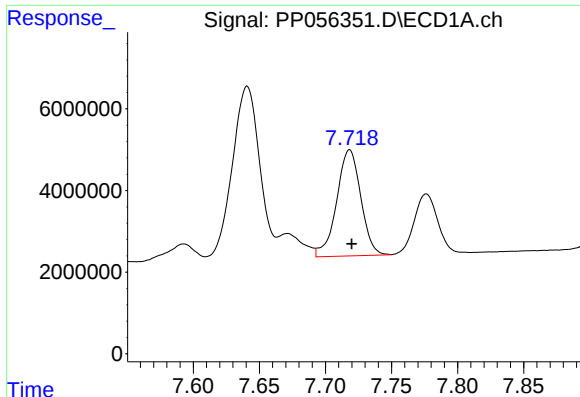
#32 AR-1260-2

R.T.: 7.357 min
Delta R.T.: -0.001 min
Response: 50324823
Conc: 433.85 ng/ml



#32 AR-1260-2

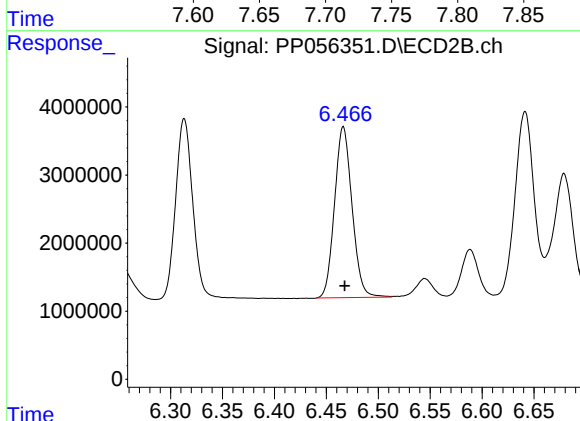
R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 30722625
Conc: 401.61 ng/ml



#33 AR-1260-3

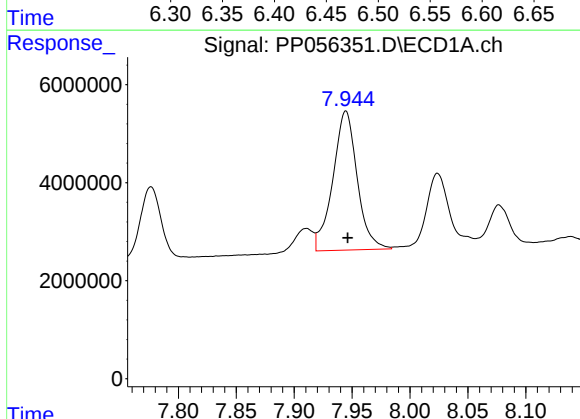
R.T.: 7.718 min
Delta R.T.: -0.002 min
Response: 33042119
Conc: 386.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



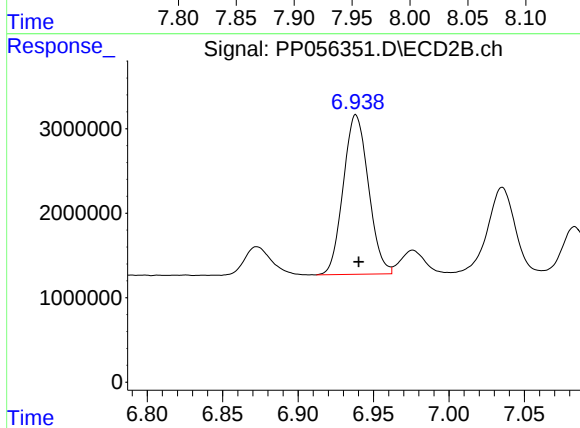
#33 AR-1260-3

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 29461856
Conc: 407.44 ng/ml



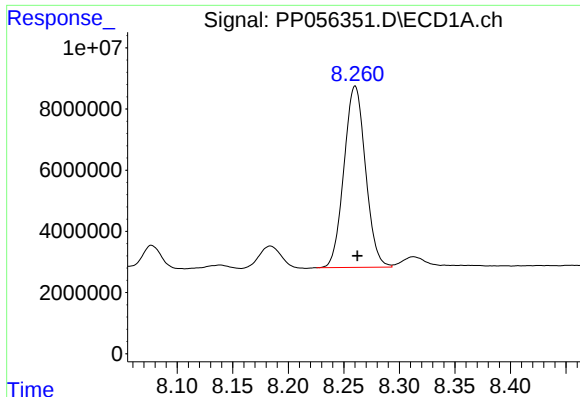
#34 AR-1260-4

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 41569572
Conc: 420.47 ng/ml



#34 AR-1260-4

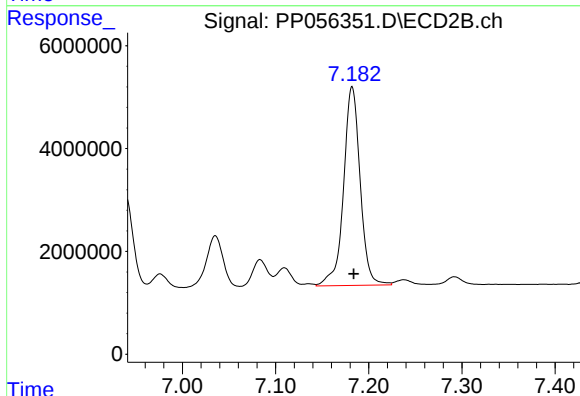
R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 21978630
Conc: 366.51 ng/ml



#35 AR-1260-5

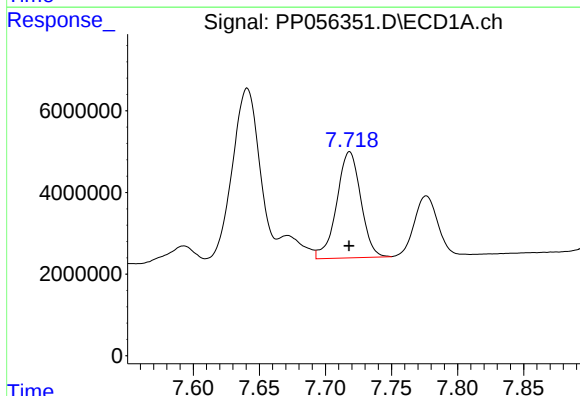
R.T.: 8.260 min
Delta R.T.: -0.002 min
Response: 79987810
Conc: 400.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



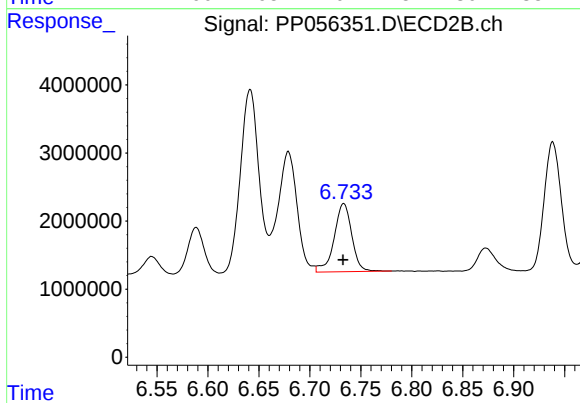
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.002 min
Response: 47891274
Conc: 374.79 ng/ml



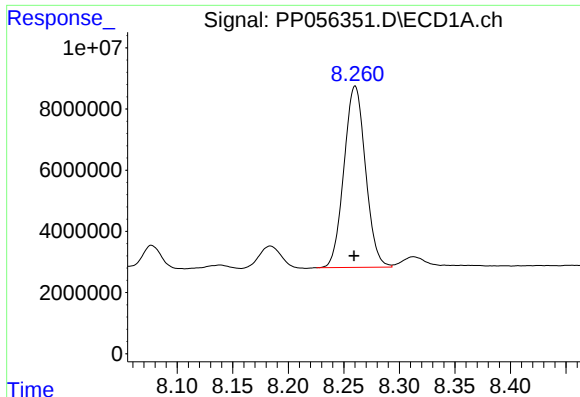
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 33042119
Conc: 276.84 ng/ml



#36 AR-1262-1

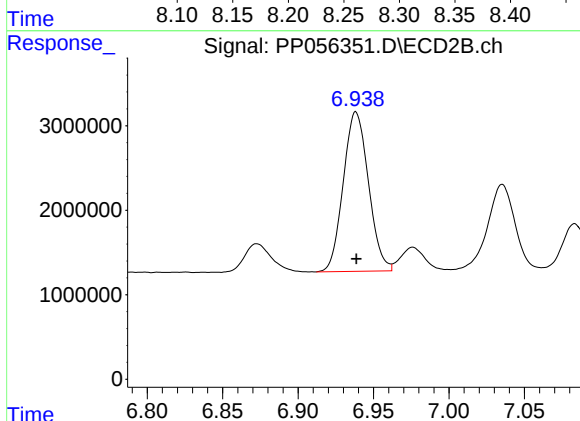
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 12111096
Conc: 368.48 ng/ml



#37 AR-1262-2

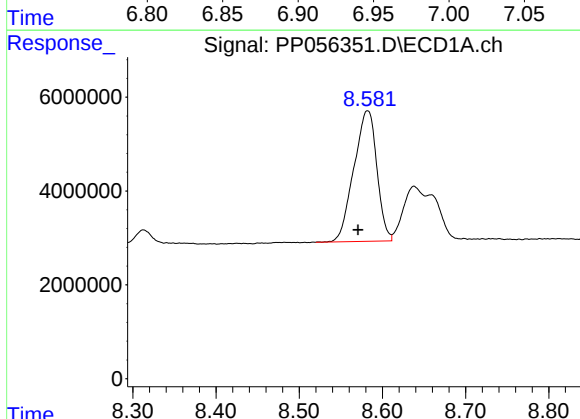
R.T.: 8.260 min
Delta R.T.: 0.000 min
Response: 79987810
Conc: 366.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



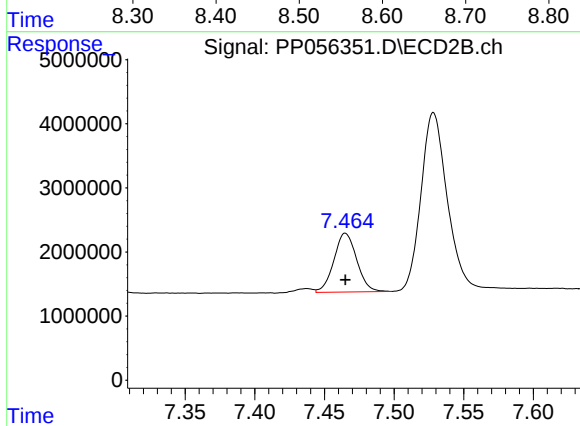
#37 AR-1262-2

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 21978630
Conc: 308.32 ng/ml



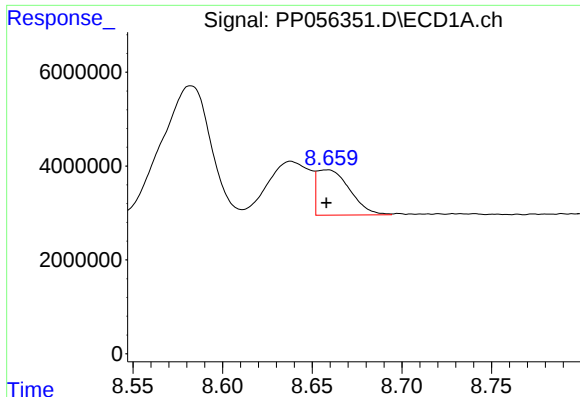
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.011 min
Response: 53503565
Conc: 350.19 ng/ml



#38 AR-1262-3

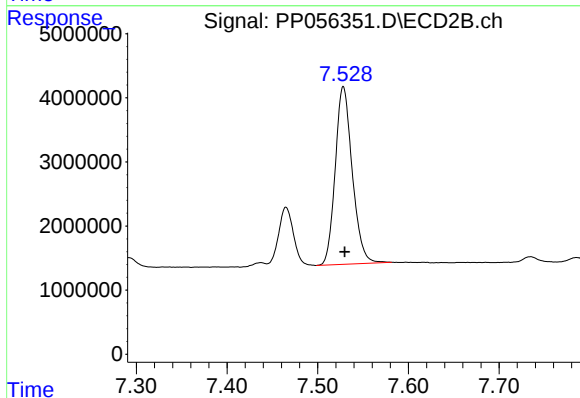
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 10473994
Conc: 192.34 ng/ml



#39 AR-1262-4

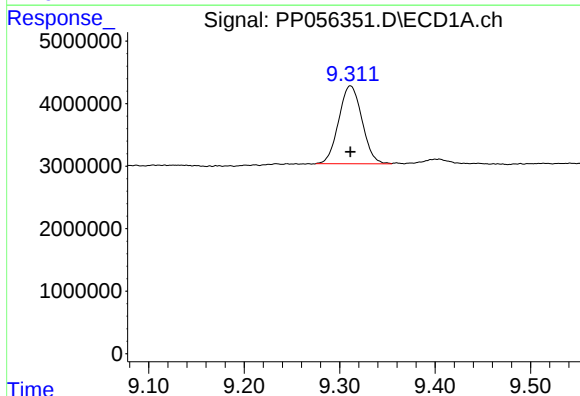
R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 12253031
Conc: 152.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



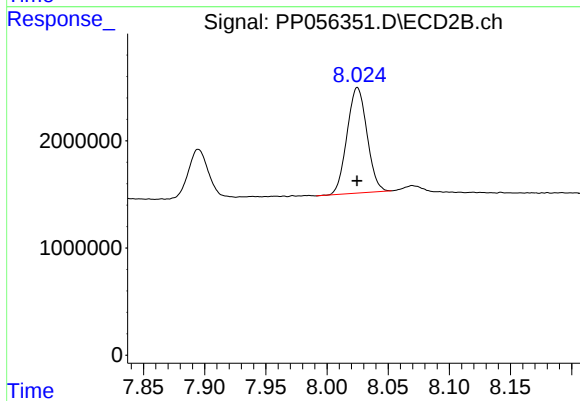
#39 AR-1262-4

R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 36144641
Conc: 373.84 ng/ml



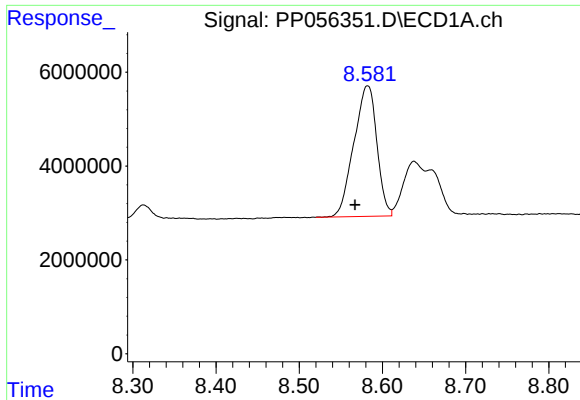
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 21139158
Conc: 255.16 ng/ml



#40 AR-1262-5

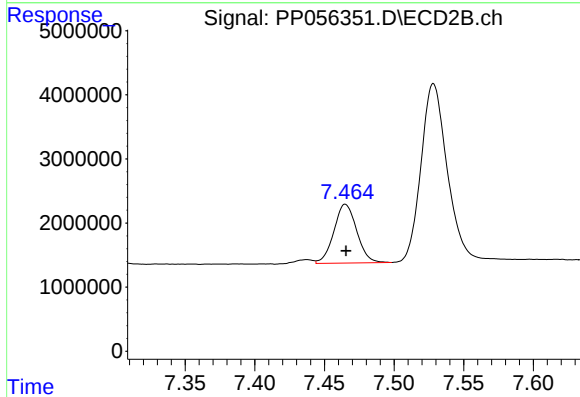
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 11178385
Conc: 248.77 ng/ml



#41 AR-1268-1

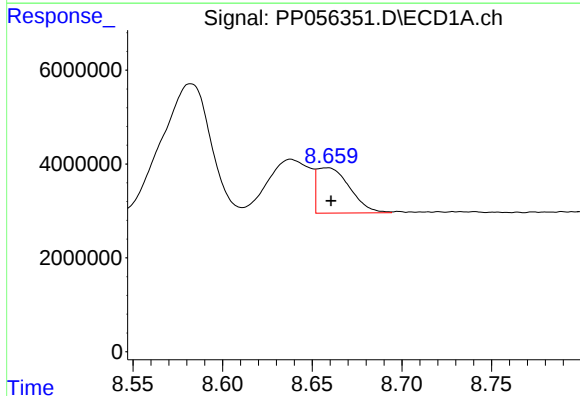
R.T.: 8.582 min
Delta R.T.: 0.015 min
Response: 53503565
Conc: 194.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



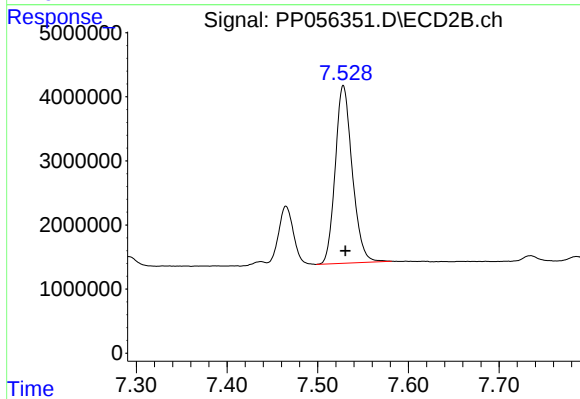
#41 AR-1268-1

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 10473994
Conc: 62.07 ng/ml



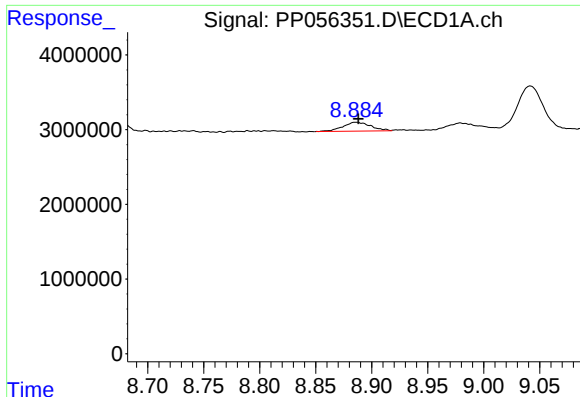
#42 AR-1268-2

R.T.: 8.658 min
Delta R.T.: -0.002 min
Response: 12253031
Conc: 47.52 ng/ml



#42 AR-1268-2

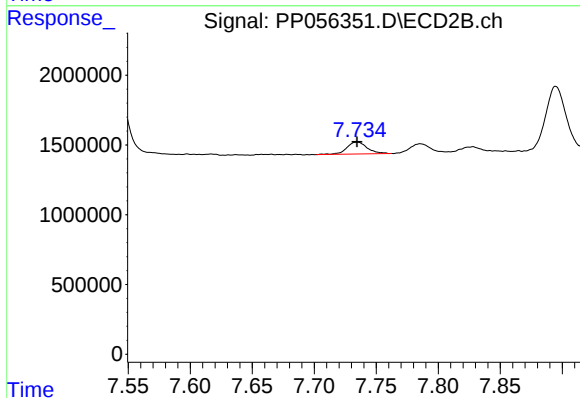
R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 36144641
Conc: 241.70 ng/ml



#43 AR-1268-3

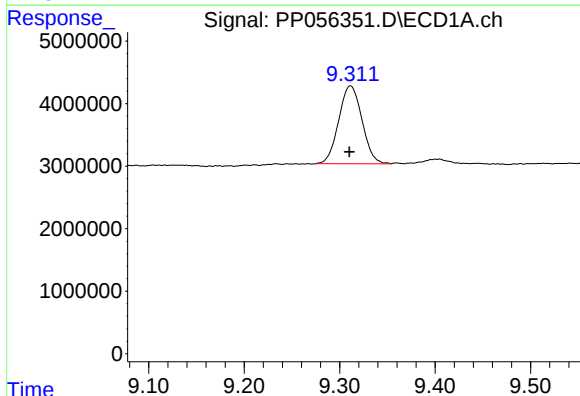
R.T.: 8.886 min
Delta R.T.: -0.003 min
Response: 2039809
Conc: 8.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



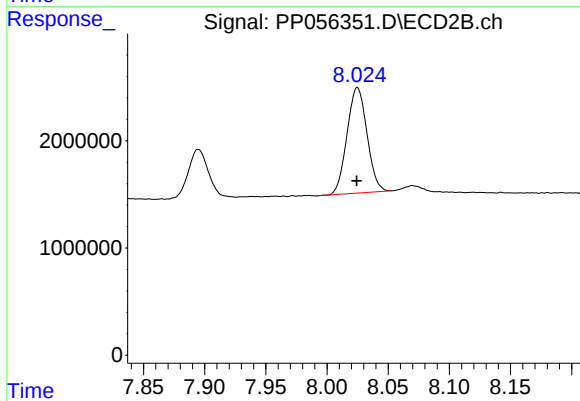
#43 AR-1268-3

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 984152
Conc: 7.25 ng/ml



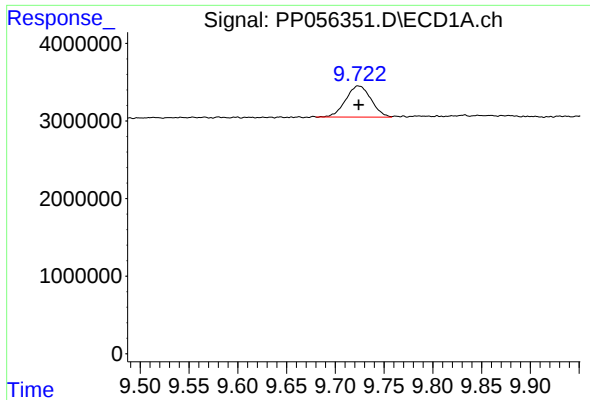
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 21139158
Conc: 226.41 ng/ml



#44 AR-1268-4

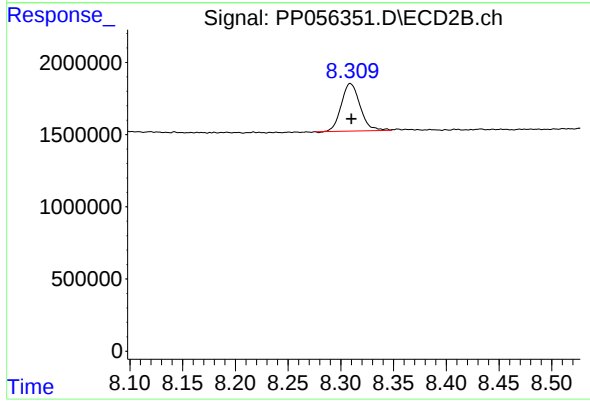
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 11178385
Conc: 219.04 ng/ml



#45 AR-1268-5

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 7240146
Conc: 9.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.309 min
Delta R.T.: -0.001 min
Response: 4083871
Conc: 10.50 ng/ml