

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070722\
 Data File : P0087814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 16:23
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:09:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 2022
 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...	4.448	3.607	131.0E6	50686747	50.605	51.511
2)	SA Decachlor...	10.297	8.610	104.9E6	35819564	51.360	44.185
Target Compounds							
3)	L1 AR-1016-1	5.624	4.686	44988103	19451384	501.239	486.399
4)	L1 AR-1016-2	5.647	4.705	63673689	26890793	506.638	482.339
5)	L1 AR-1016-3	5.709	4.881	39887760	14548116	512.498	494.158
6)	L1 AR-1016-4	5.808	4.923	32137190	10950219	525.768	455.671
7)	L1 AR-1016-5	6.105	5.136	32580175	16329666	543.627	533.858
8)	L2 AR-1221-1	4.651	3.818	4607974	1840276	149.800	156.702
9)	L2 AR-1221-2	4.743	3.904	6755892	2751504	298.050	309.479
10)	L2 AR-1221-3	4.820	3.979	24697813	10067811	353.129	359.898
11)	L3 AR-1232-1	4.820	3.979	24697813	10067811	377.300	387.835
12)	L3 AR-1232-2	5.159	4.705	34258840	26890793	1060.951	1102.793
13)	L3 AR-1232-3	5.647	4.881	63673689	14548116	1055.840	1171.431
14)	L3 AR-1232-4	5.808	4.965	32137190	14541706	1097.599	1282.532
15)	L3 AR-1232-5	5.899	5.136	29685985	16329666	1203.852	1301.290
16)	L4 AR-1242-1	5.624	4.686	44988103	19451384	620.413	681.540
17)	L4 AR-1242-2	5.647	4.705	63673689	26890793	623.621	689.339
18)	L4 AR-1242-3	5.709	4.881	39887760	14548116	621.076	697.954
19)	L4 AR-1242-4	5.808	4.965	32137190	14541706	631.276	688.305
20)	L4 AR-1242-5	6.550	5.488	8151054	12871694	153.523	492.415 #
21)	L5 AR-1248-1	5.624	4.686	44988103	19451384	783.658	838.198
22)	L5 AR-1248-2	5.899	4.923	29685985	10950219	356.067	348.397
23)	L5 AR-1248-3	6.105	4.965	32580175	14541706	363.649	448.015
24)	L5 AR-1248-4	6.485	5.136	32596676	16329666	331.386	423.273 #
25)	L5 AR-1248-5	6.550	5.529	8151054	2600412	84.797	71.339
26)	L6 AR-1254-1	6.485	5.488	32596676	12871694	325.192	232.848 #
27)	L6 AR-1254-2	6.704	5.636	29010922	12610831	190.108	257.778 #
28)	L6 AR-1254-3	7.072	6.055	16377507	20080892	107.527	264.630 #
29)	L6 AR-1254-4	7.359	6.268	11255357	2263349	102.252	49.854 #
30)	L6 AR-1254-5	7.780	6.685	76262527	36167981	635.363	565.746
31)	L7 AR-1260-1	7.238	6.169	59296276	27933453	528.944	494.790
32)	L7 AR-1260-2	7.495	6.358	65925242	32654729	483.763	482.658
33)	L7 AR-1260-3	7.857	6.511	44942196	30264901	479.803	479.110
34)	L7 AR-1260-4	8.084	6.983	52320452	21798278	500.155	468.735
35)	L7 AR-1260-5	8.412	7.225	99045735	48634946	502.095	451.183
36)	L8 AR-1262-1	7.857	6.777	44942196	12678676	314.016	483.022 #
37)	L8 AR-1262-2	8.412	7.225	99045735	48634946	394.036	458.176
38)	L8 AR-1262-3	8.748	7.508	65507989	9552047	362.180	232.876 #
39)	L8 AR-1262-4	8.827	7.571	15740020	33401593	182.157	446.484 #
40)	L8 AR-1262-5	9.508	8.066	27787732	10399142	290.061	310.018
41)	L9 AR-1268-1	8.748	7.508	65507989	9552047	223.311	82.978 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

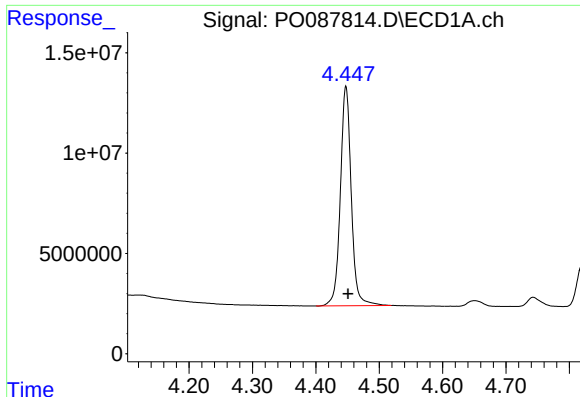
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:09:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.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	8.827	7.571	15740020	33401593	58.495	325.364 #
43) L9	AR-1268-3	9.069	7.780	1707618	750715	7.306	8.869
44) L9	AR-1268-4	9.508	8.066	27787732	10399142	271.817	293.144
45) L9	AR-1268-5	9.942	8.357	9121132	3072532	12.080	12.269

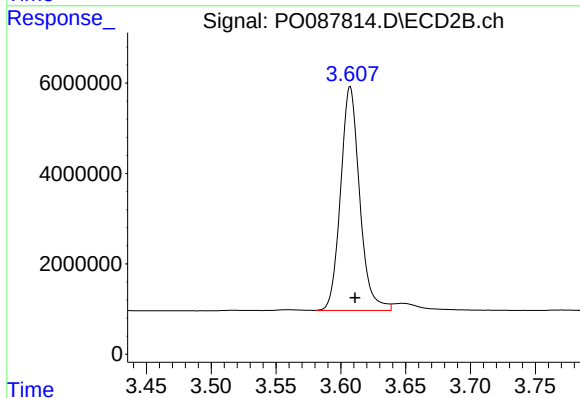
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

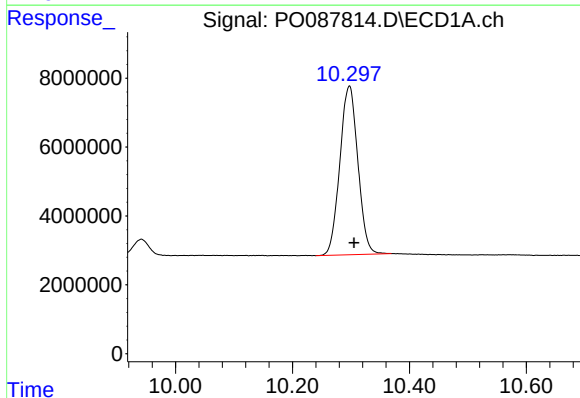
R.T.: 4.448 min
Delta R.T.: -0.003 min
Response: 130983961
Conc: 50.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



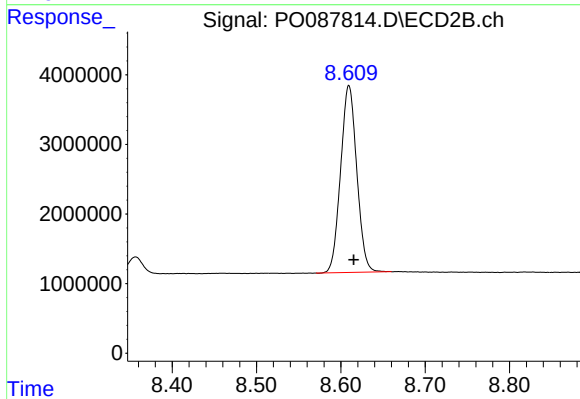
#1 Tetrachloro-m-xylene

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 50686747
Conc: 51.51 ng/ml



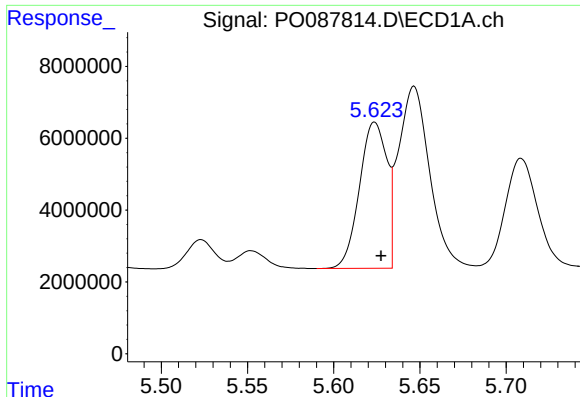
#2 Decachlorobiphenyl

R.T.: 10.297 min
Delta R.T.: -0.008 min
Response: 104911929
Conc: 51.36 ng/ml



#2 Decachlorobiphenyl

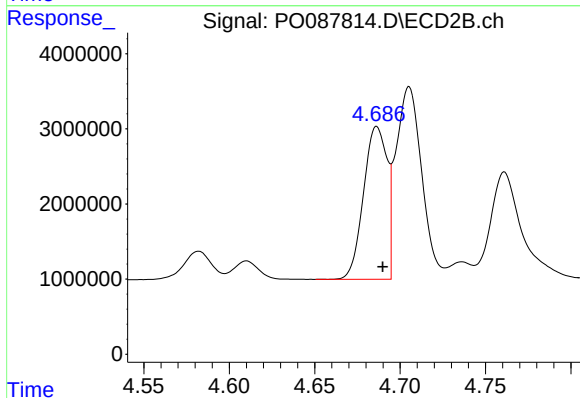
R.T.: 8.610 min
Delta R.T.: -0.006 min
Response: 35819564
Conc: 44.19 ng/ml



#3 AR-1016-1

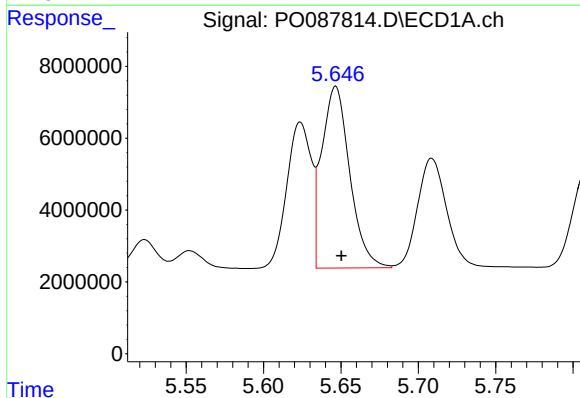
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 44988103
Conc: 501.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



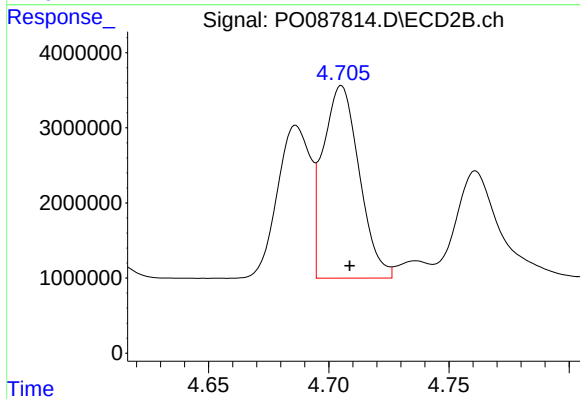
#3 AR-1016-1

R.T.: 4.686 min
Delta R.T.: -0.003 min
Response: 19451384
Conc: 486.40 ng/ml



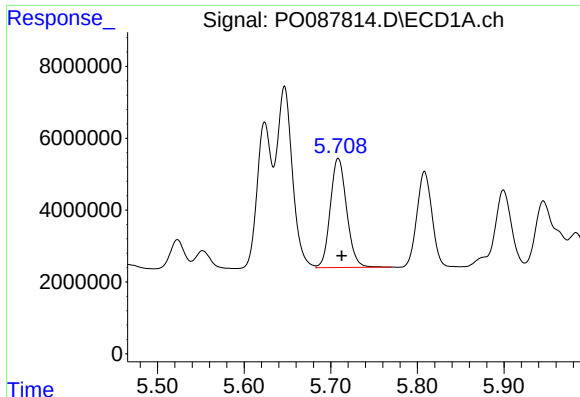
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 63673689
Conc: 506.64 ng/ml



#4 AR-1016-2

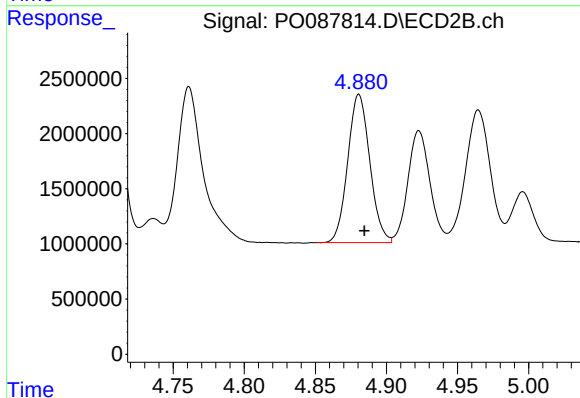
R.T.: 4.705 min
Delta R.T.: -0.003 min
Response: 26890793
Conc: 482.34 ng/ml



#5 AR-1016-3

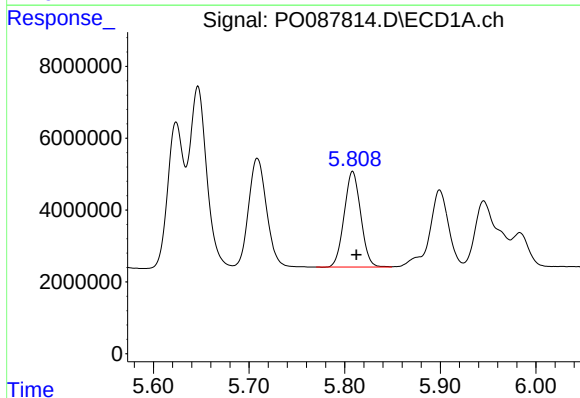
R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 39887760
Conc: 512.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



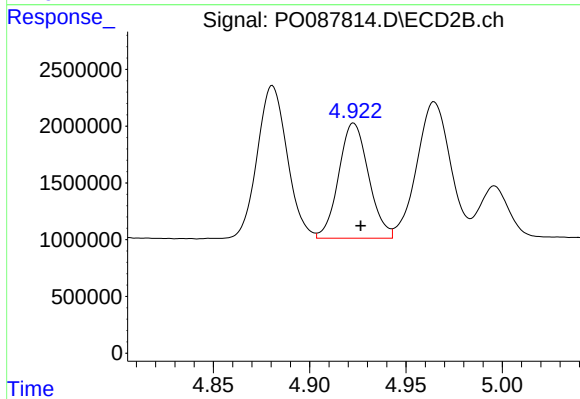
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 14548116
Conc: 494.16 ng/ml



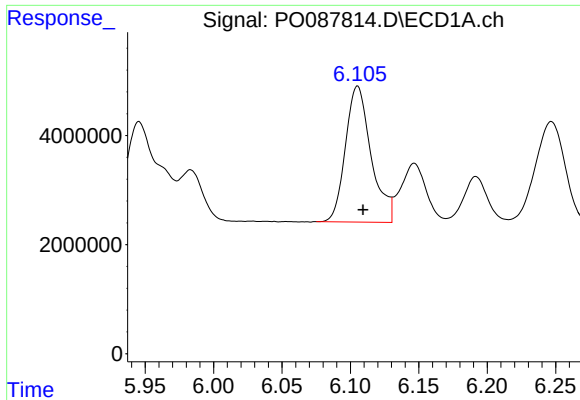
#6 AR-1016-4

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 32137190
Conc: 525.77 ng/ml



#6 AR-1016-4

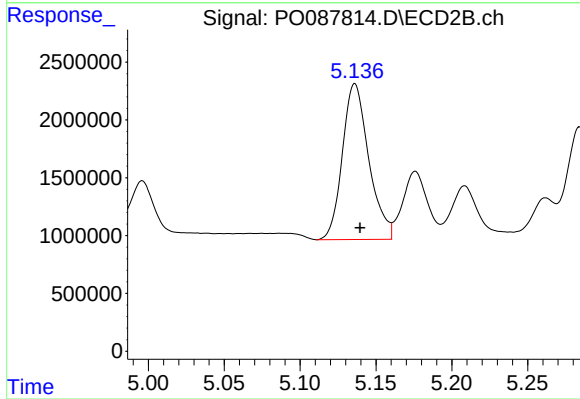
R.T.: 4.923 min
Delta R.T.: -0.004 min
Response: 10950219
Conc: 455.67 ng/ml



#7 AR-1016-5

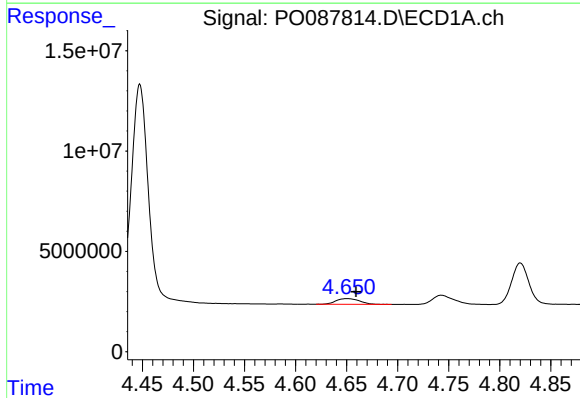
R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 32580175
Conc: 543.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



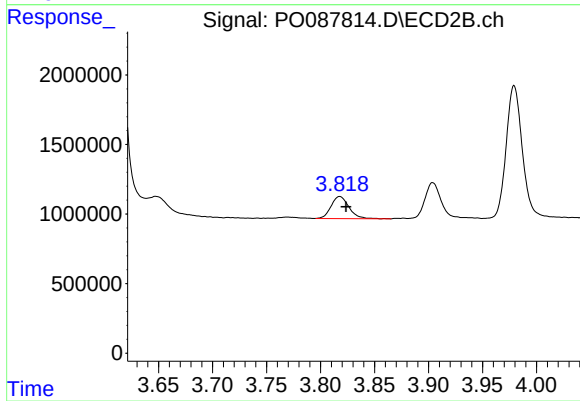
#7 AR-1016-5

R.T.: 5.136 min
Delta R.T.: -0.003 min
Response: 16329666
Conc: 533.86 ng/ml



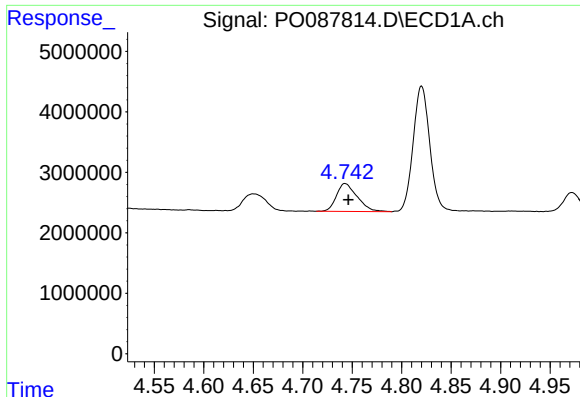
#8 AR-1221-1

R.T.: 4.651 min
Delta R.T.: -0.009 min
Response: 4607974
Conc: 149.80 ng/ml



#8 AR-1221-1

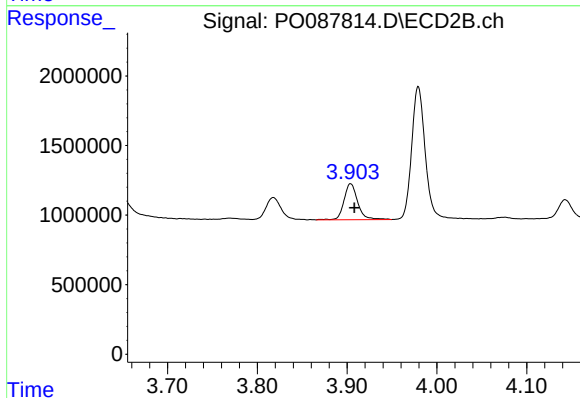
R.T.: 3.818 min
Delta R.T.: -0.006 min
Response: 1840276
Conc: 156.70 ng/ml



#9 AR-1221-2

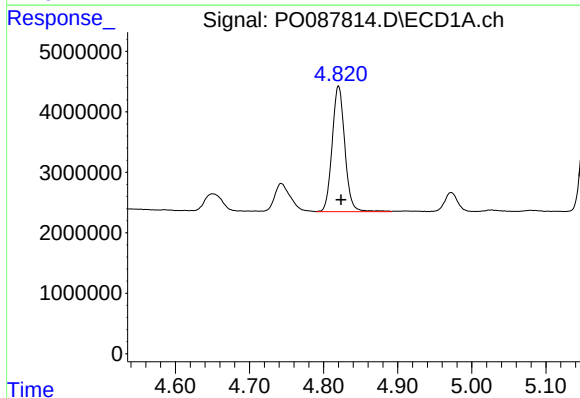
R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 6755892
Conc: 298.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



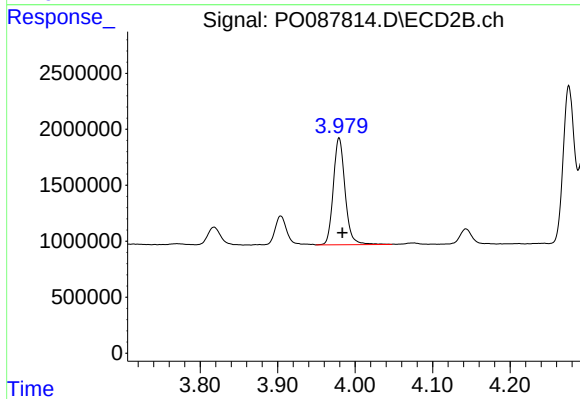
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: -0.004 min
Response: 2751504
Conc: 309.48 ng/ml



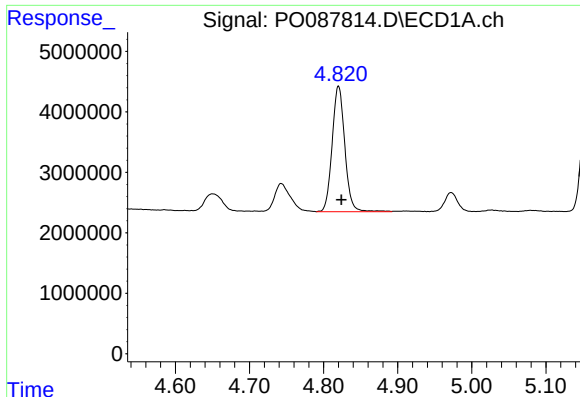
#10 AR-1221-3

R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 24697813
Conc: 353.13 ng/ml



#10 AR-1221-3

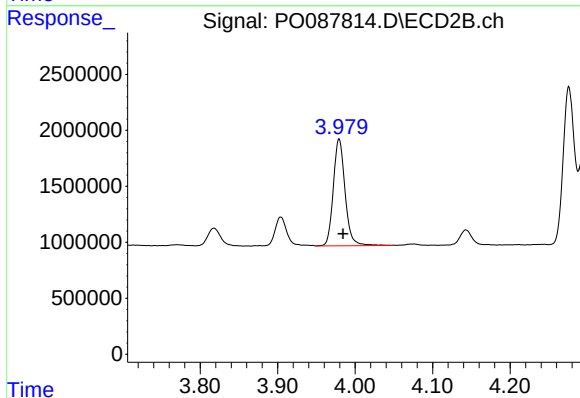
R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 10067811
Conc: 359.90 ng/ml



#11 AR-1232-1

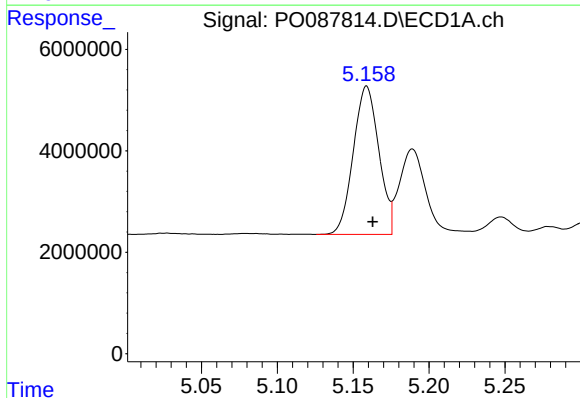
R.T.: 4.820 min
Delta R.T.: -0.004 min
Response: 24697813
Conc: 377.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



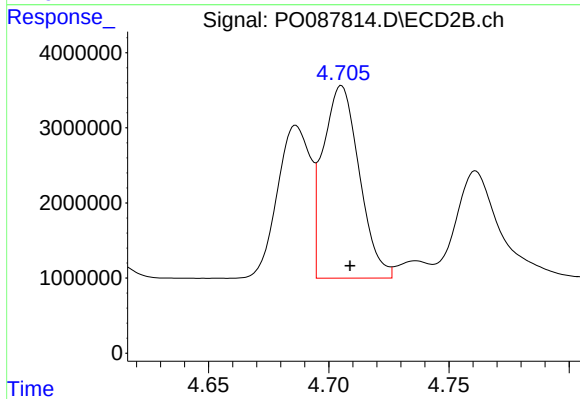
#11 AR-1232-1

R.T.: 3.979 min
Delta R.T.: -0.005 min
Response: 10067811
Conc: 387.84 ng/ml



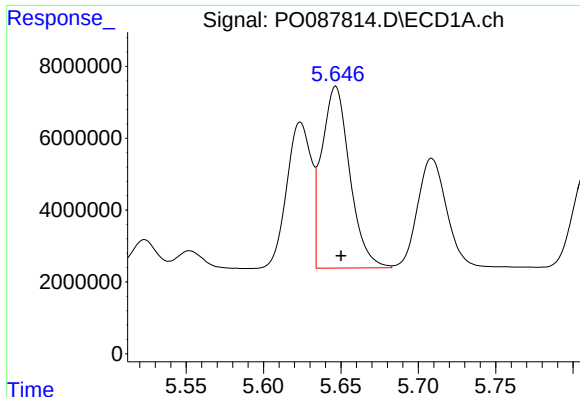
#12 AR-1232-2

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 34258840
Conc: 1060.95 ng/ml



#12 AR-1232-2

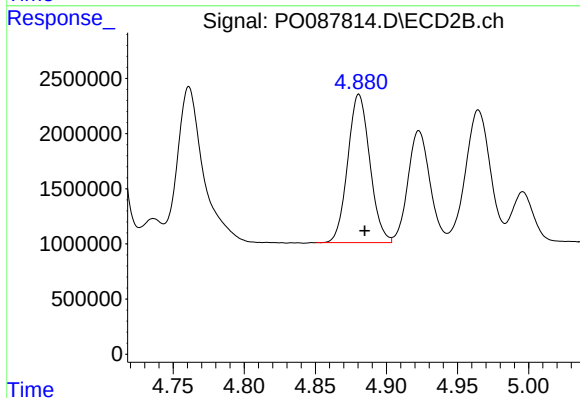
R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 26890793
Conc: 1102.79 ng/ml



#13 AR-1232-3

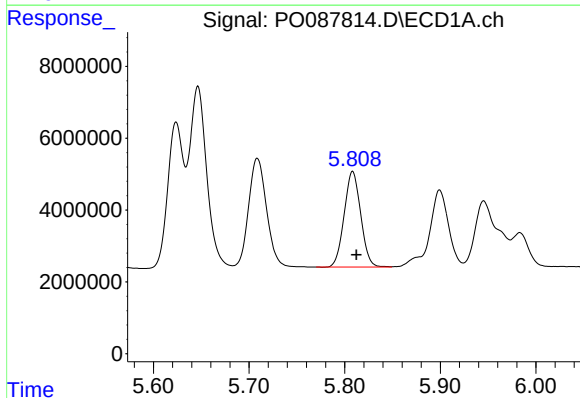
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 63673689
Conc: 1055.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



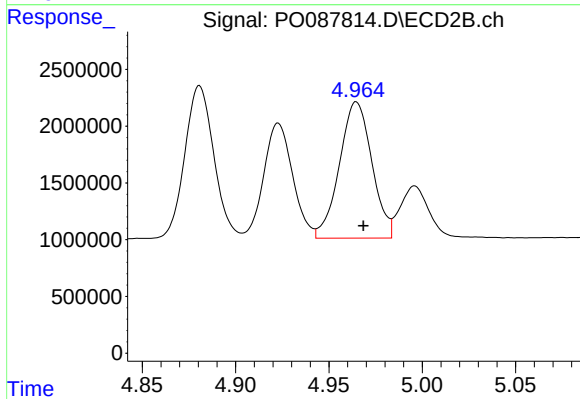
#13 AR-1232-3

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 14548116
Conc: 1171.43 ng/ml



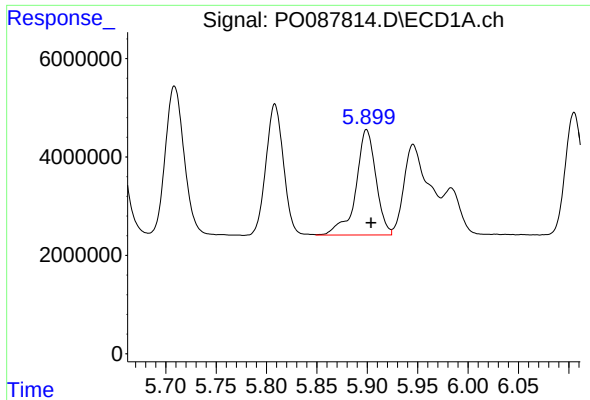
#14 AR-1232-4

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 32137190
Conc: 1097.60 ng/ml



#14 AR-1232-4

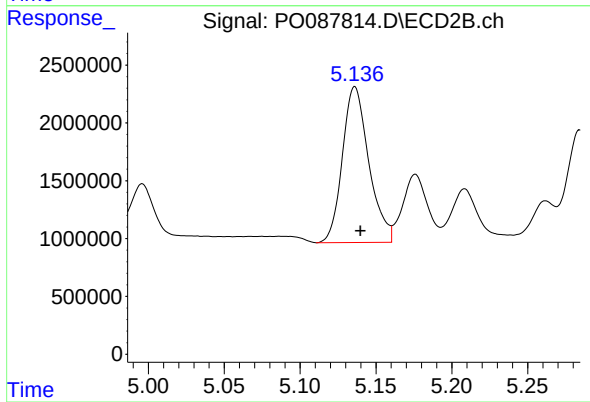
R.T.: 4.965 min
Delta R.T.: -0.004 min
Response: 14541706
Conc: 1282.53 ng/ml



#15 AR-1232-5

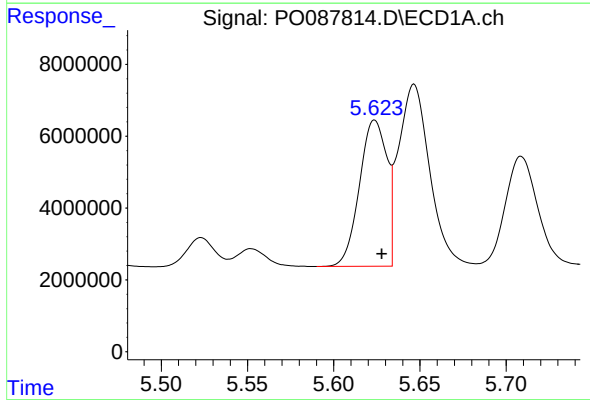
R.T.: 5.899 min
Delta R.T.: -0.005 min
Response: 29685985
Conc: 1203.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



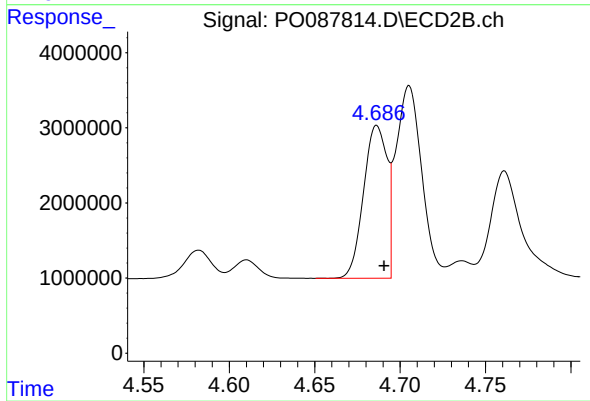
#15 AR-1232-5

R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 16329666
Conc: 1301.29 ng/ml



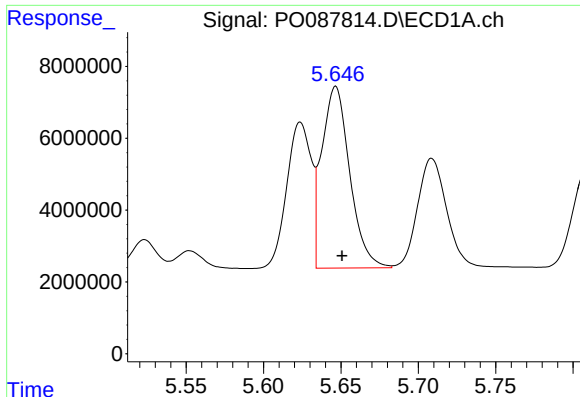
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 44988103
Conc: 620.41 ng/ml



#16 AR-1242-1

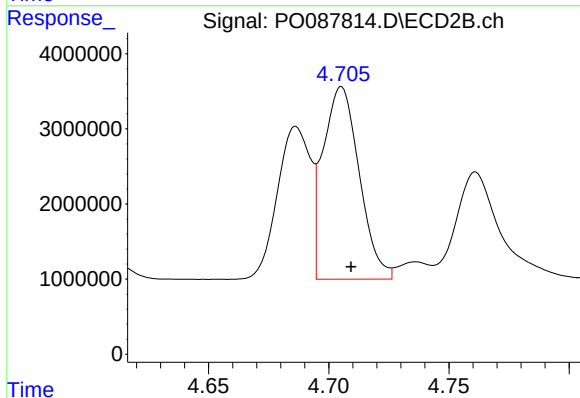
R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 19451384
Conc: 681.54 ng/ml



#17 AR-1242-2

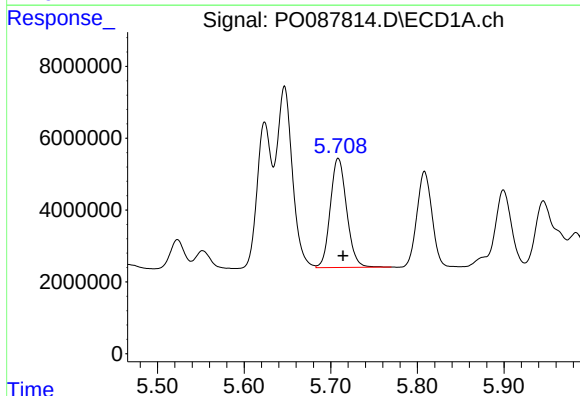
R.T.: 5.647 min
Delta R.T.: -0.004 min
Response: 63673689
Conc: 623.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



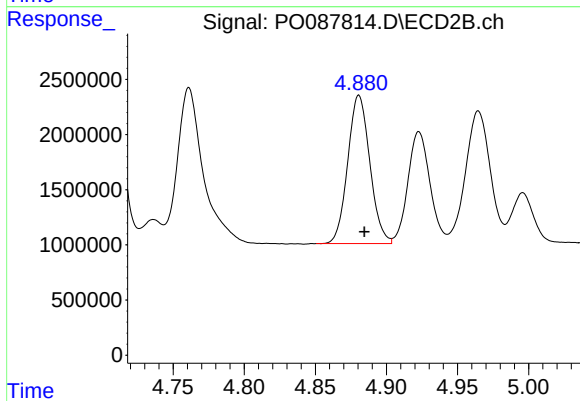
#17 AR-1242-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 26890793
Conc: 689.34 ng/ml



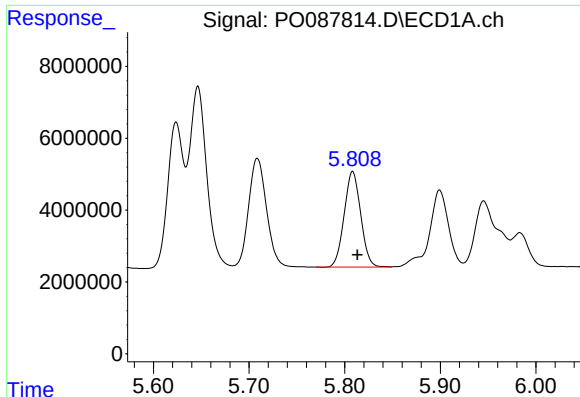
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 39887760
Conc: 621.08 ng/ml



#18 AR-1242-3

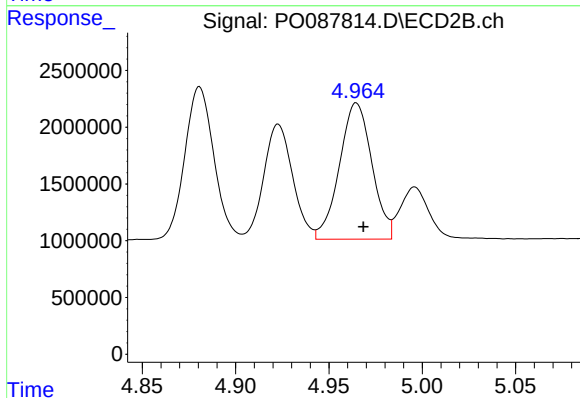
R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 14548116
Conc: 697.95 ng/ml



#19 AR-1242-4

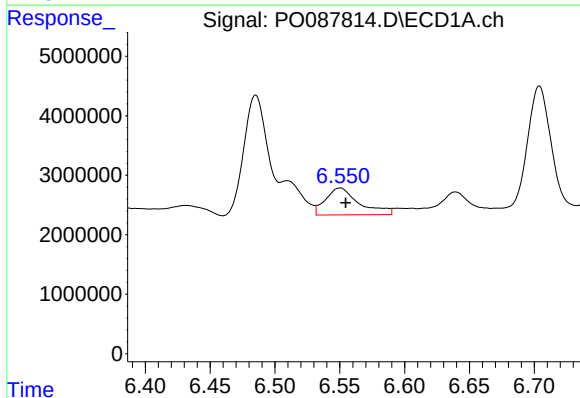
R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 32137190
Conc: 631.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



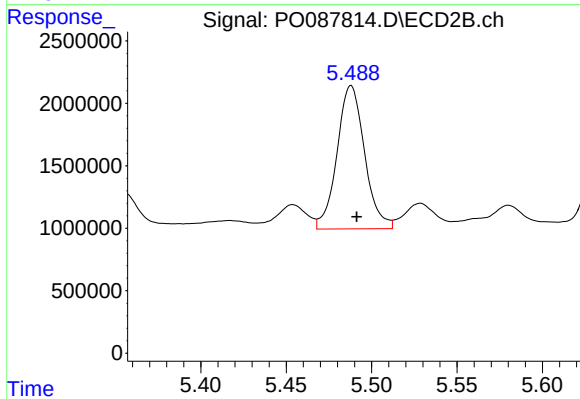
#19 AR-1242-4

R.T.: 4.965 min
Delta R.T.: -0.004 min
Response: 14541706
Conc: 688.30 ng/ml



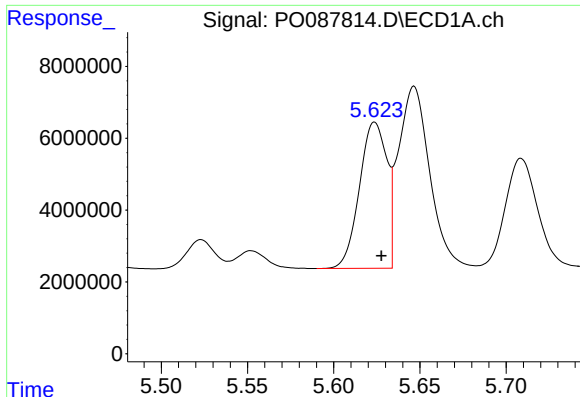
#20 AR-1242-5

R.T.: 6.550 min
Delta R.T.: -0.004 min
Response: 8151054
Conc: 153.52 ng/ml



#20 AR-1242-5

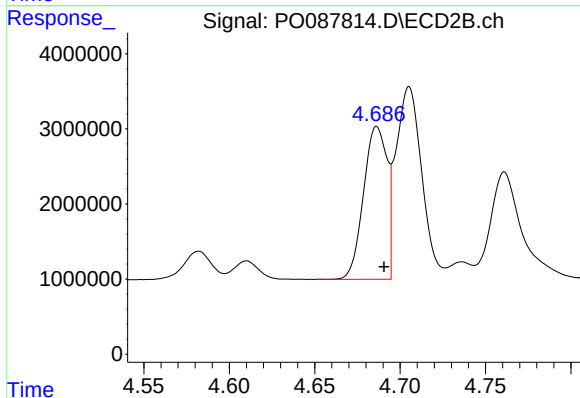
R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 12871694
Conc: 492.42 ng/ml



#21 AR-1248-1

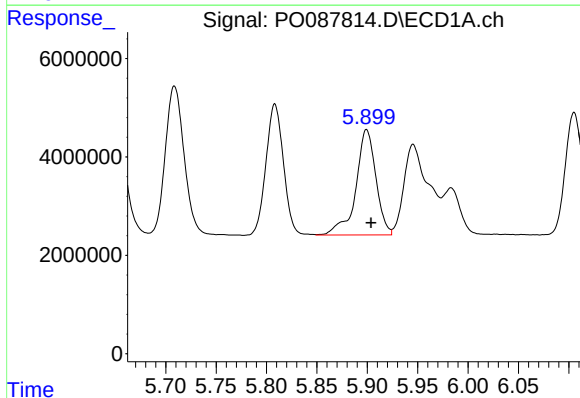
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 44988103
Conc: 783.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



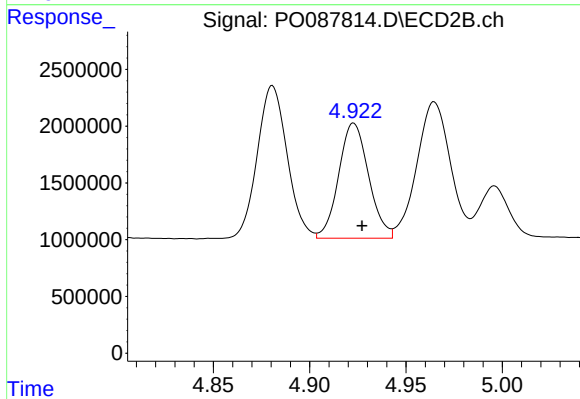
#21 AR-1248-1

R.T.: 4.686 min
Delta R.T.: -0.004 min
Response: 19451384
Conc: 838.20 ng/ml



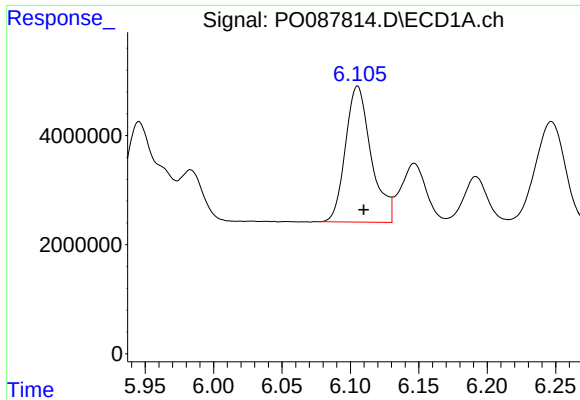
#22 AR-1248-2

R.T.: 5.899 min
Delta R.T.: -0.005 min
Response: 29685985
Conc: 356.07 ng/ml



#22 AR-1248-2

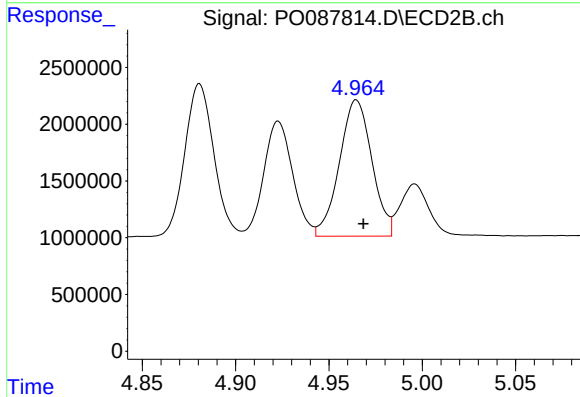
R.T.: 4.923 min
Delta R.T.: -0.004 min
Response: 10950219
Conc: 348.40 ng/ml



#23 AR-1248-3

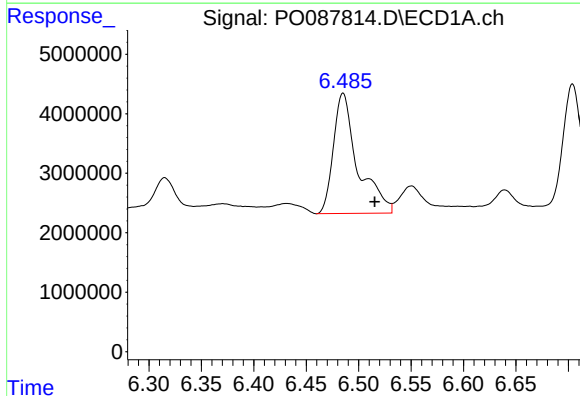
R.T.: 6.105 min
Delta R.T.: -0.005 min
Response: 32580175
Conc: 363.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



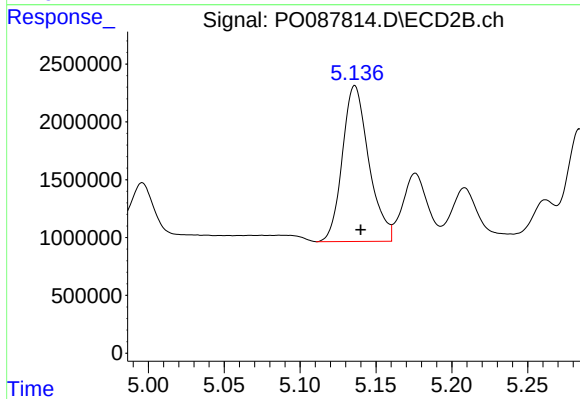
#23 AR-1248-3

R.T.: 4.965 min
Delta R.T.: -0.004 min
Response: 14541706
Conc: 448.01 ng/ml



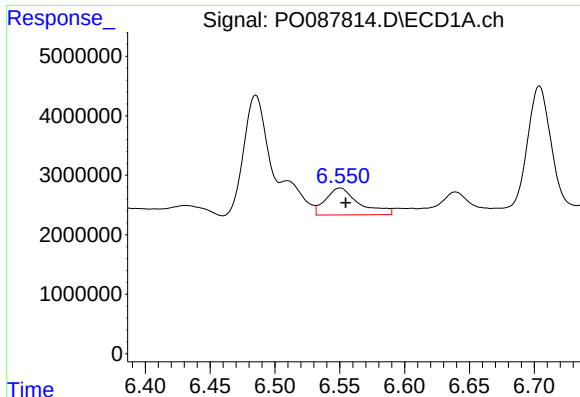
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: -0.030 min
Response: 32596676
Conc: 331.39 ng/ml



#24 AR-1248-4

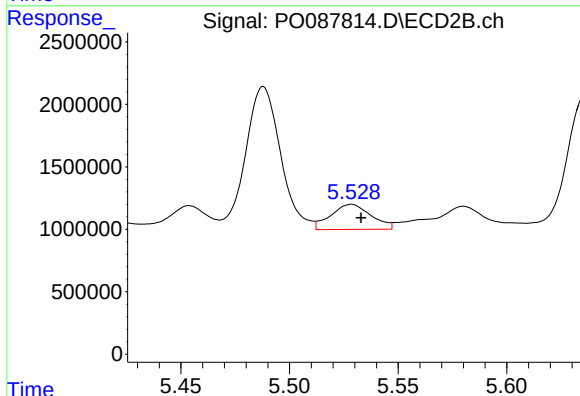
R.T.: 5.136 min
Delta R.T.: -0.004 min
Response: 16329666
Conc: 423.27 ng/ml



#25 AR-1248-5

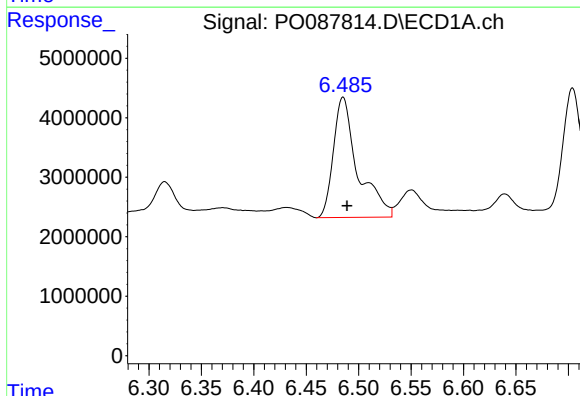
R.T.: 6.550 min
Delta R.T.: -0.004 min
Response: 8151054
Conc: 84.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



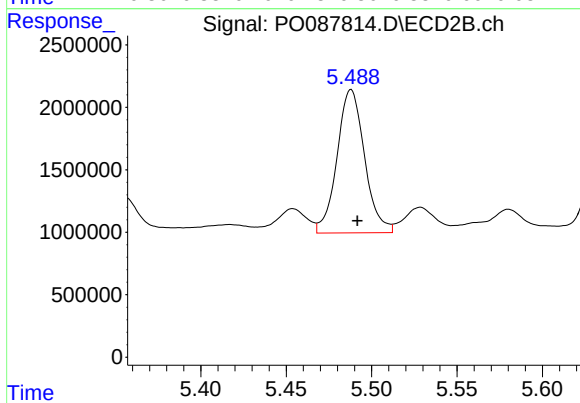
#25 AR-1248-5

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 2600412
Conc: 71.34 ng/ml



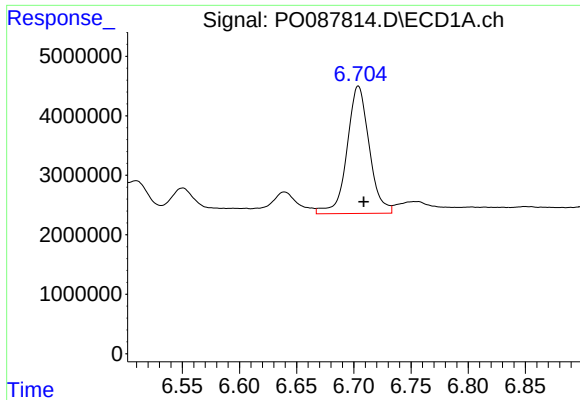
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 32596676
Conc: 325.19 ng/ml



#26 AR-1254-1

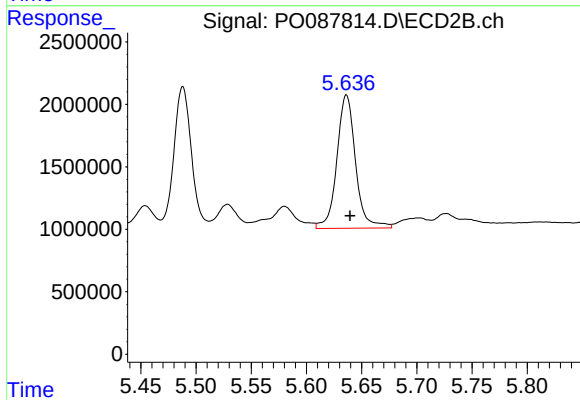
R.T.: 5.488 min
Delta R.T.: -0.004 min
Response: 12871694
Conc: 232.85 ng/ml



#27 AR-1254-2

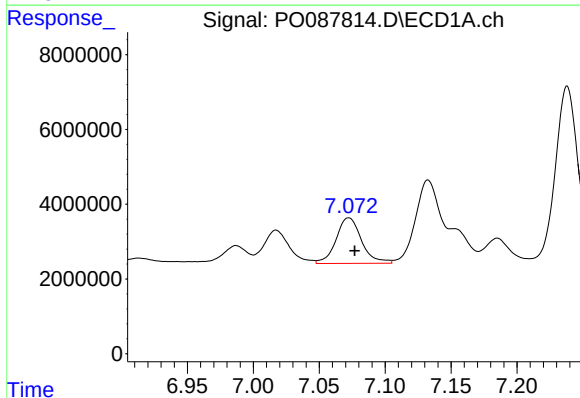
R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 29010922
Conc: 190.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



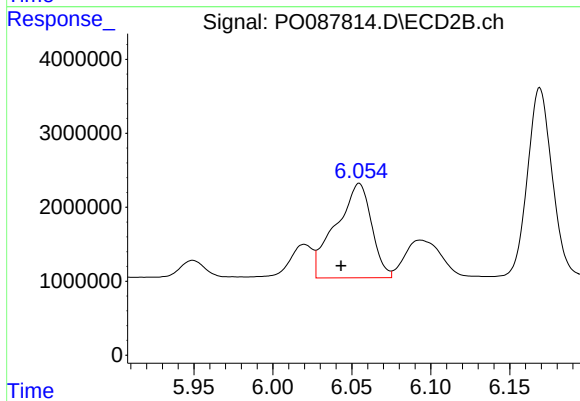
#27 AR-1254-2

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 12610831
Conc: 257.78 ng/ml



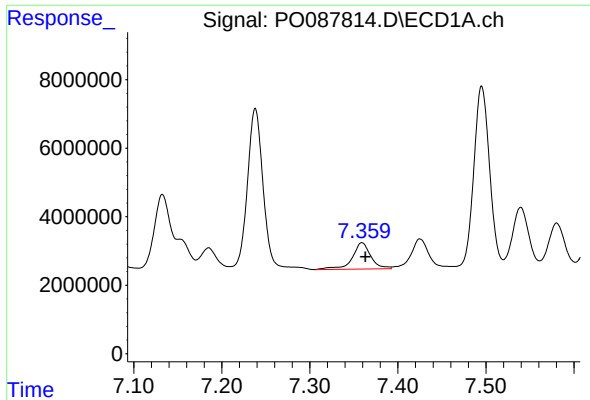
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: -0.005 min
Response: 16377507
Conc: 107.53 ng/ml



#28 AR-1254-3

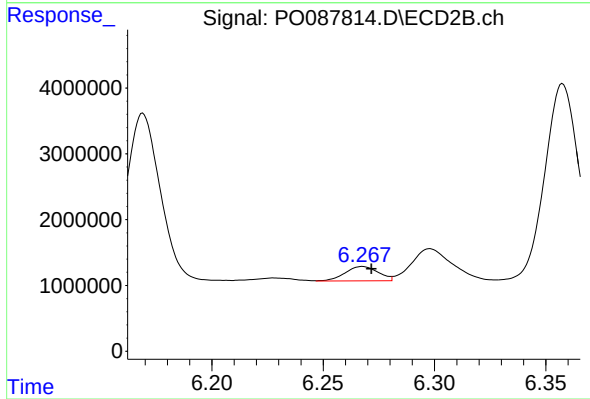
R.T.: 6.055 min
Delta R.T.: 0.011 min
Response: 20080892
Conc: 264.63 ng/ml



#29 AR-1254-4

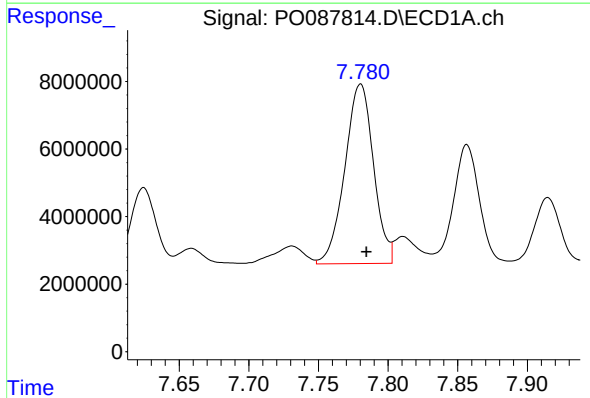
R.T.: 7.359 min
Delta R.T.: -0.004 min
Response: 11255357
Conc: 102.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



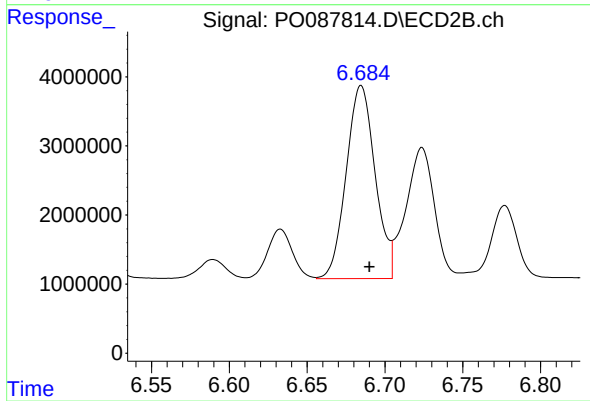
#29 AR-1254-4

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 2263349
Conc: 49.85 ng/ml



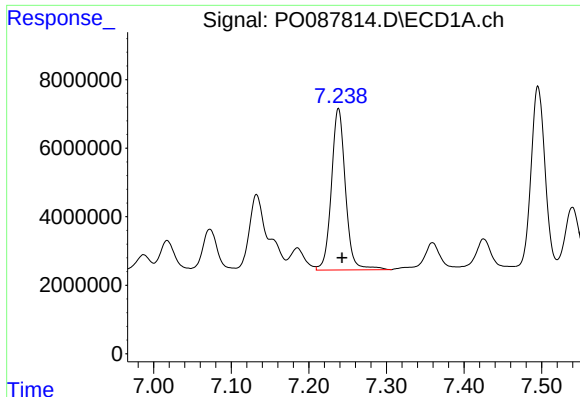
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 76262527
Conc: 635.36 ng/ml



#30 AR-1254-5

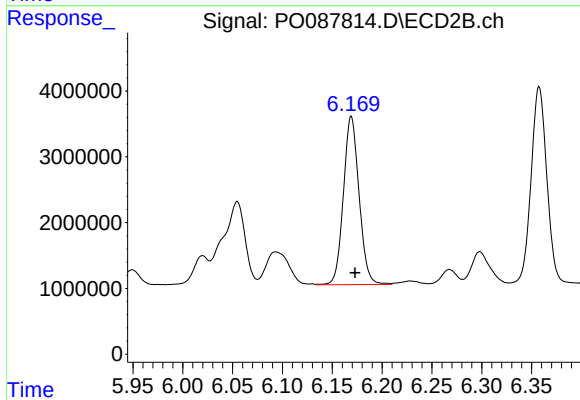
R.T.: 6.685 min
Delta R.T.: -0.005 min
Response: 36167981
Conc: 565.75 ng/ml



#31 AR-1260-1

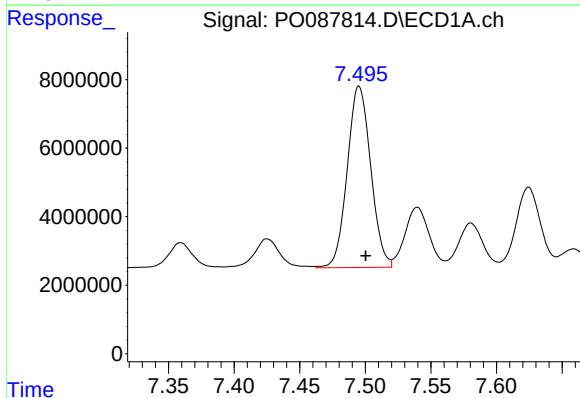
R.T.: 7.238 min
Delta R.T.: -0.005 min
Response: 59296276
Conc: 528.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



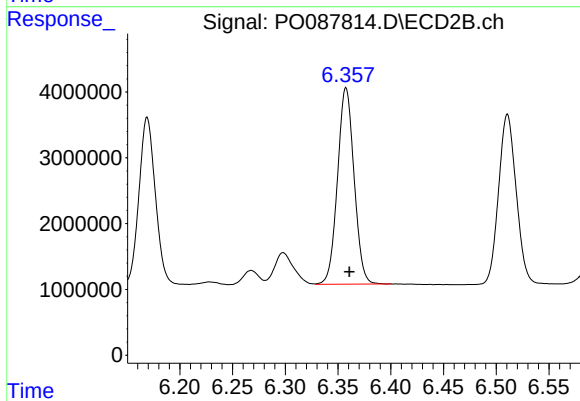
#31 AR-1260-1

R.T.: 6.169 min
Delta R.T.: -0.004 min
Response: 27933453
Conc: 494.79 ng/ml



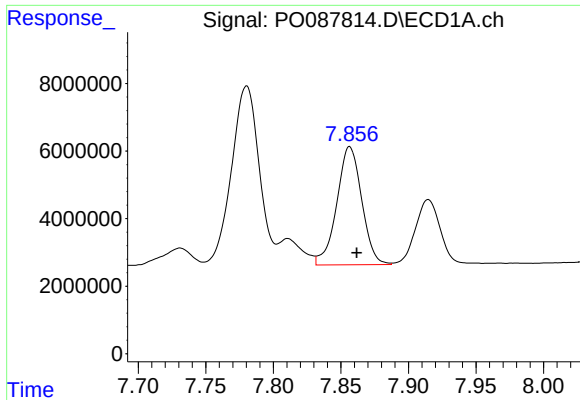
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 65925242
Conc: 483.76 ng/ml



#32 AR-1260-2

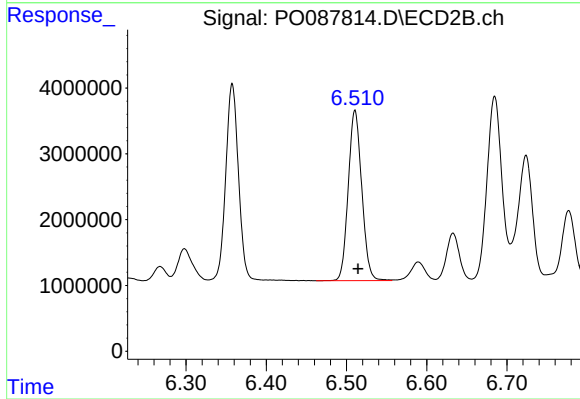
R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 32654729
Conc: 482.66 ng/ml



#33 AR-1260-3

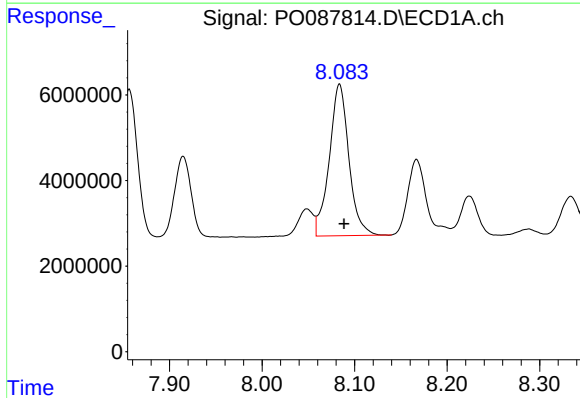
R.T.: 7.857 min
Delta R.T.: -0.005 min
Response: 44942196
Conc: 479.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



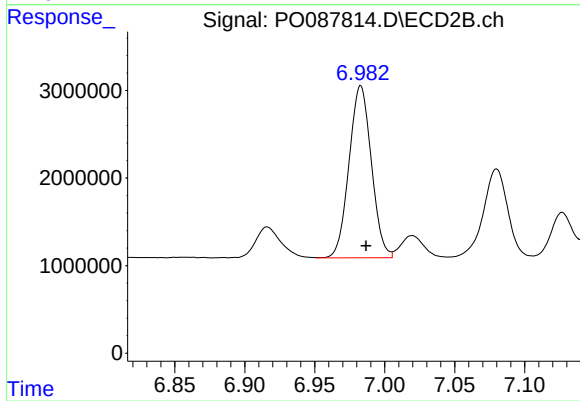
#33 AR-1260-3

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 30264901
Conc: 479.11 ng/ml



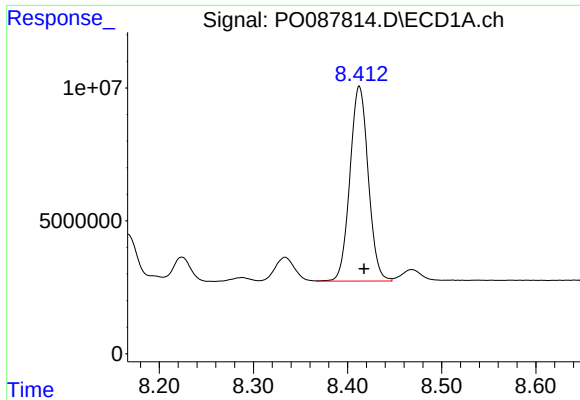
#34 AR-1260-4

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 52320452
Conc: 500.16 ng/ml



#34 AR-1260-4

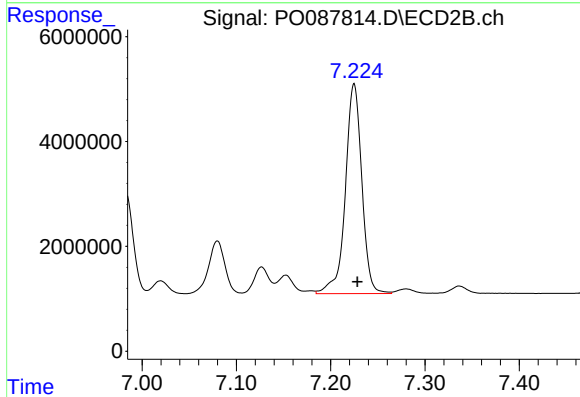
R.T.: 6.983 min
Delta R.T.: -0.004 min
Response: 21798278
Conc: 468.74 ng/ml



#35 AR-1260-5

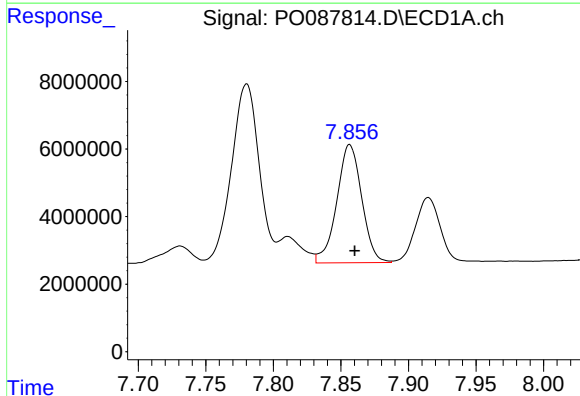
R.T.: 8.412 min
Delta R.T.: -0.005 min
Response: 99045735
Conc: 502.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



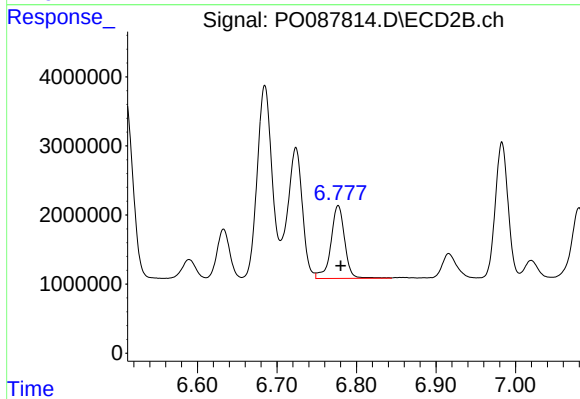
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 48634946
Conc: 451.18 ng/ml



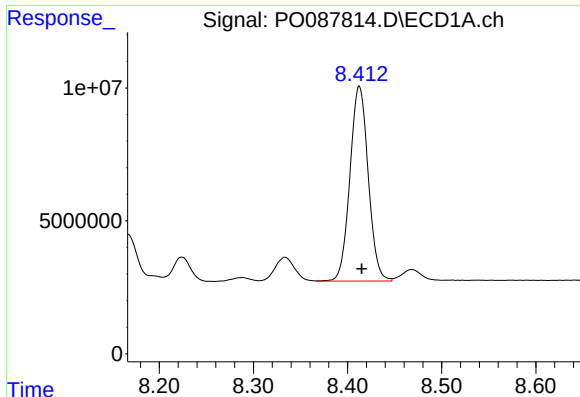
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.004 min
Response: 44942196
Conc: 314.02 ng/ml



#36 AR-1262-1

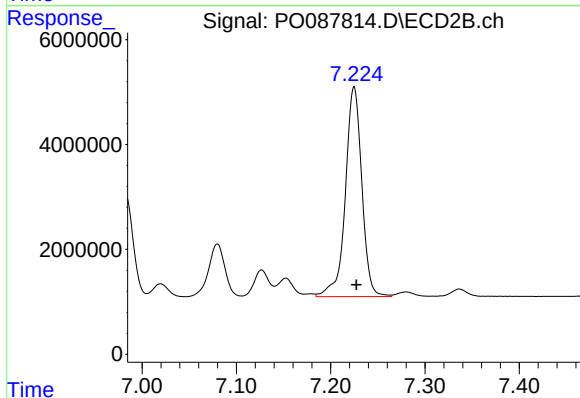
R.T.: 6.777 min
Delta R.T.: -0.003 min
Response: 12678676
Conc: 483.02 ng/ml



#37 AR-1262-2

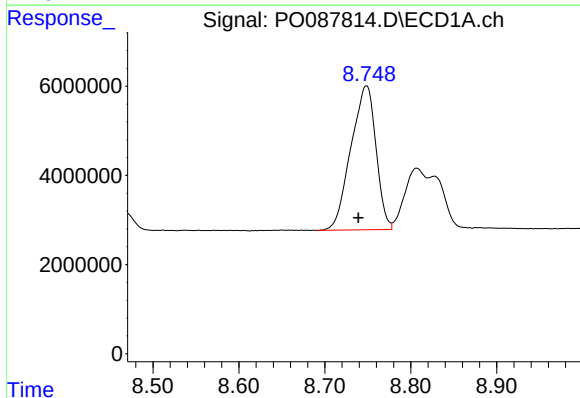
R.T.: 8.412 min
Delta R.T.: -0.003 min
Response: 99045735
Conc: 394.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



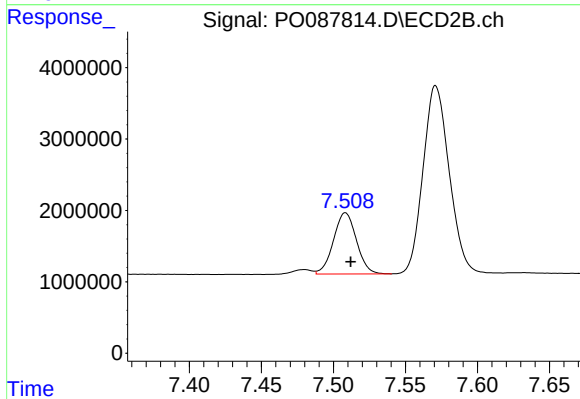
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 48634946
Conc: 458.18 ng/ml



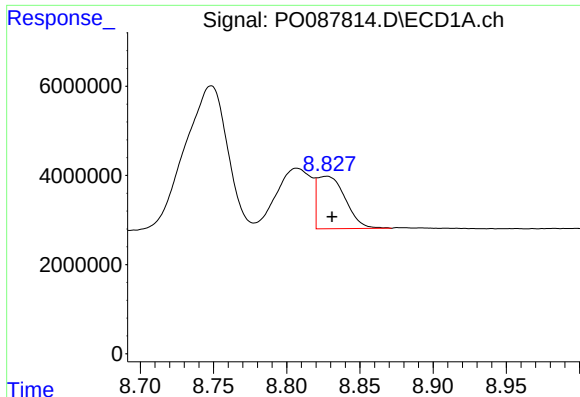
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.009 min
Response: 65507989
Conc: 362.18 ng/ml



#38 AR-1262-3

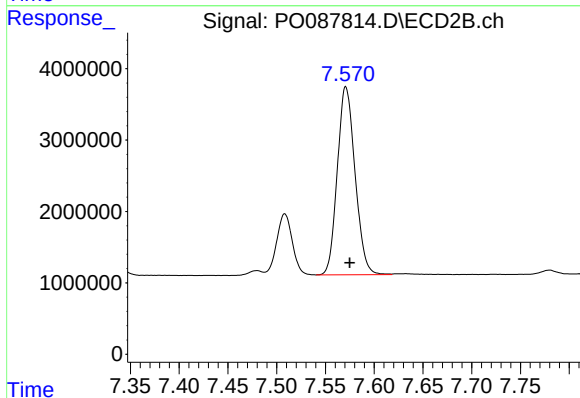
R.T.: 7.508 min
Delta R.T.: -0.004 min
Response: 9552047
Conc: 232.88 ng/ml



#39 AR-1262-4

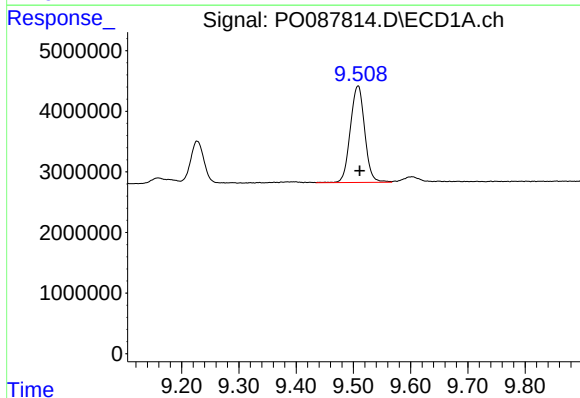
R.T.: 8.827 min
Delta R.T.: -0.004 min
Response: 15740020
Conc: 182.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



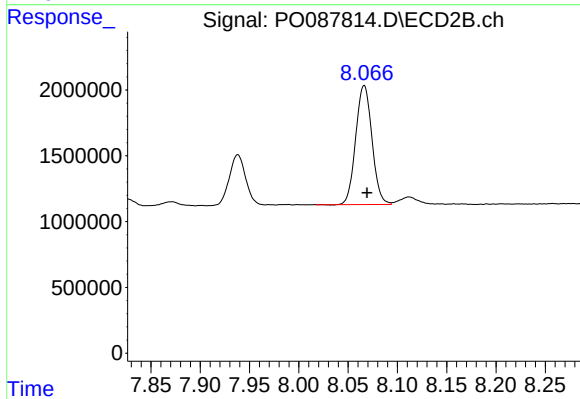
#39 AR-1262-4

R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 33401593
Conc: 446.48 ng/ml



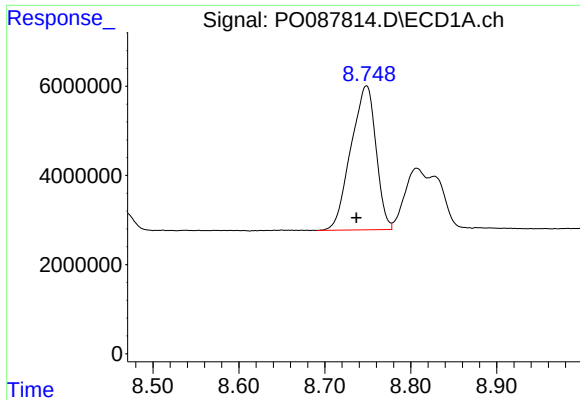
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: -0.003 min
Response: 27787732
Conc: 290.06 ng/ml



#40 AR-1262-5

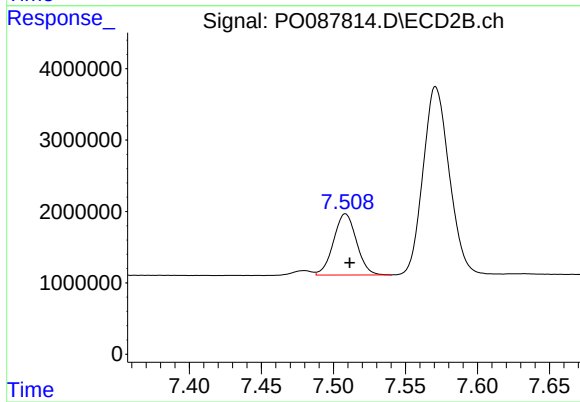
R.T.: 8.066 min
Delta R.T.: -0.003 min
Response: 10399142
Conc: 310.02 ng/ml



#41 AR-1268-1

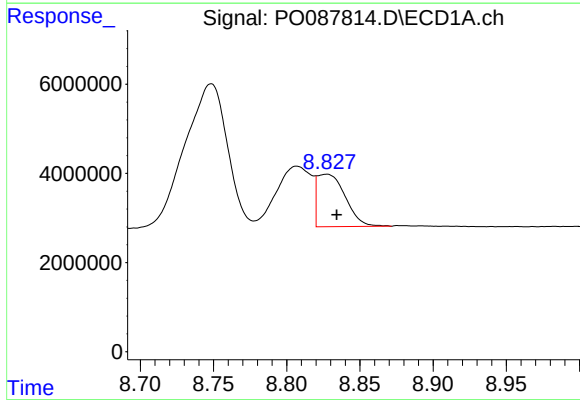
R.T.: 8.748 min
Delta R.T.: 0.012 min
Response: 65507989
Conc: 223.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



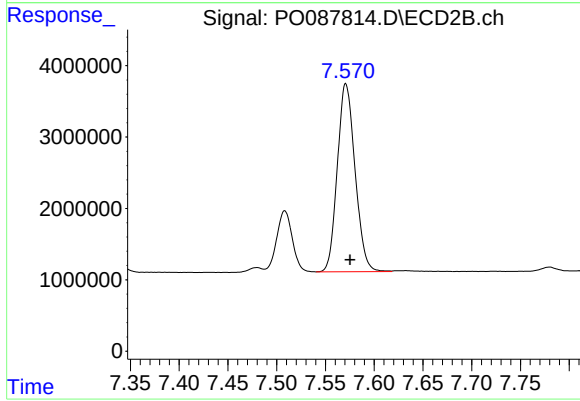
#41 AR-1268-1

R.T.: 7.508 min
Delta R.T.: -0.003 min
Response: 9552047
Conc: 82.98 ng/ml



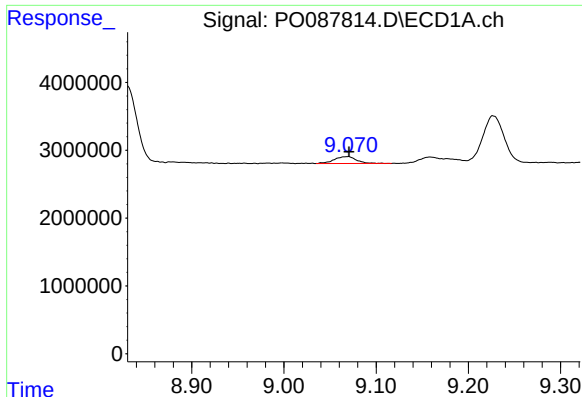
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: -0.007 min
Response: 15740020
Conc: 58.49 ng/ml



#42 AR-1268-2

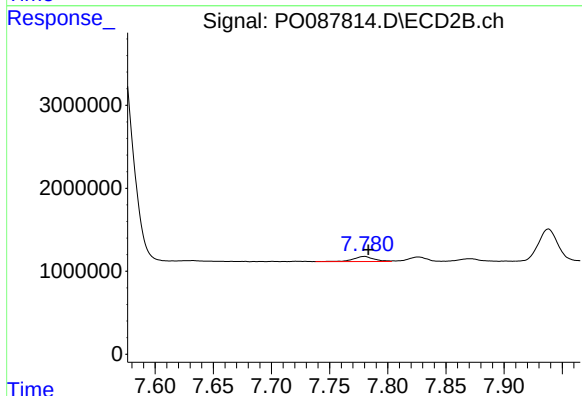
R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 33401593
Conc: 325.36 ng/ml



#43 AR-1268-3

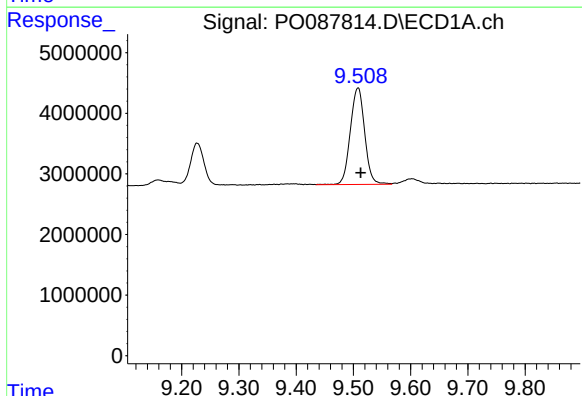
R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 1707618
Conc: 7.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



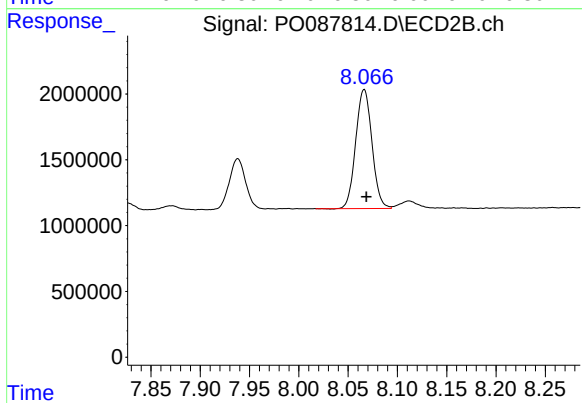
#43 AR-1268-3

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 750715
Conc: 8.87 ng/ml



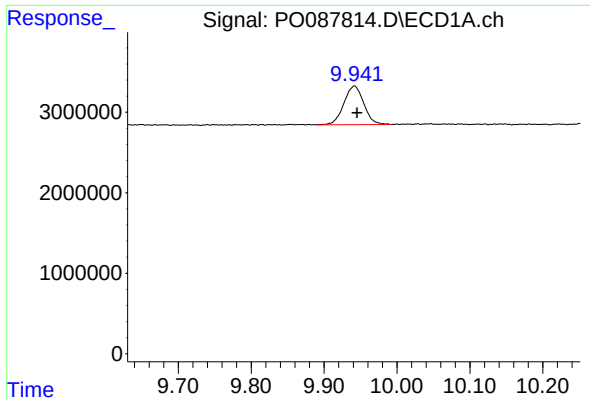
#44 AR-1268-4

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 27787732
Conc: 271.82 ng/ml



#44 AR-1268-4

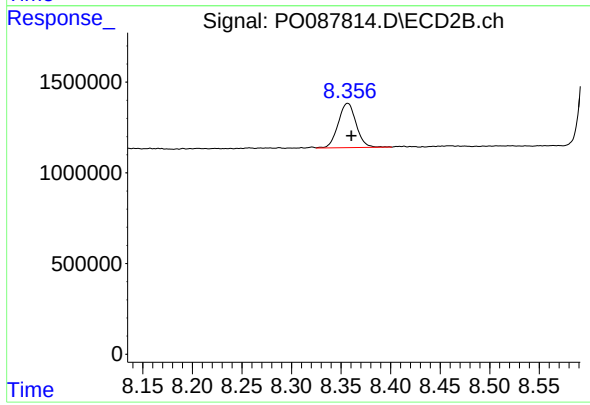
R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 10399142
Conc: 293.14 ng/ml



#45 AR-1268-5

R.T.: 9.942 min
Delta R.T.: -0.004 min
Response: 9121132
Conc: 12.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: -0.004 min
Response: 3072532
Conc: 12.27 ng/ml