

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 14:44
 Operator : YP\AJ
 Sample : 01657-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:12:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.324	3.568	39522399	28963605	24.529	19.836
2)	SA Decachlor...	10.074	8.572	32898829	20378112	16.127	17.962
Target Compounds							
3)	L1 AR-1016-1	5.494	4.649	31014343	23437364	519.732	520.482
4)	L1 AR-1016-2	5.517	4.668	44484563	32993729	508.458	508.034
5)	L1 AR-1016-3	5.579	4.844	27600008	17790423	496.852	511.910
6)	L1 AR-1016-4	5.678	4.887	22213185	15265718	498.485	510.717
7)	L1 AR-1016-5	5.973	5.099	22876595	18681223	473.786	472.541
8)	L2 AR-1221-1	4.529	3.780	3624294	2978208	174.122	165.800
9)	L2 AR-1221-2	4.619	3.865	4042047	3991019	254.109	303.884
10)	L2 AR-1221-3	4.695	3.941	17605799	14622069	362.912	350.332
11)	L3 AR-1232-1	4.695	3.941	17605799	14622069	444.479	424.745
12)	L3 AR-1232-2	5.226	4.668	23905267	32993729	1150.872	1124.137
13)	L3 AR-1232-3	5.517	4.844	44484563	17790423	1128.947	1170.631
14)	L3 AR-1232-4	5.678	4.928	22213185	18159764	1133.922	1197.903
15)	L3 AR-1232-5	5.769	5.099	19358869	18681223	1210.436	1139.689
16)	L4 AR-1242-1	5.494	4.649	31014343	23437364	642.301	637.005
17)	L4 AR-1242-2	5.517	4.668	44484563	32993729	626.023	626.402
18)	L4 AR-1242-3	5.579	4.844	27600008	17790423	618.637	628.403
19)	L4 AR-1242-4	5.678	4.928	22213185	18159764	614.805	588.593
20)	L4 AR-1242-5	6.418	5.452	3678280	15761077	87.810	473.173 #
21)	L5 AR-1248-1	5.494	4.649	31014343	23437364	852.438	839.204
22)	L5 AR-1248-2	5.769	4.887	19358869	15265718	336.455	358.850
23)	L5 AR-1248-3	5.973	4.928	22876595	18159764	352.065	408.071
24)	L5 AR-1248-4	6.378	5.099	4091161	18681223	56.388	364.858 #
25)	L5 AR-1248-5	6.418	5.492	3678280	2577464	51.896	58.478
26)	L6 AR-1254-1	6.353	5.452	18231788	15761077	247.977	214.226
27)	L6 AR-1254-2	6.572	5.600	20939836	14933593	181.448	237.354 #
28)	L6 AR-1254-3	6.940	6.019	12530335	24325242	101.816	248.021 #
29)	L6 AR-1254-4	7.226	6.234	9290414	3379678	101.148	61.397 #
30)	L6 AR-1254-5	7.647	6.652	67878262	41971280	645.825	516.577
31)	L7 AR-1260-1	7.105	6.134	46474228	32606076	448.836	447.262
32)	L7 AR-1260-2	7.363	6.324	56037449	37480768	445.549	459.335
33)	L7 AR-1260-3	7.725	6.477	37170219	35085076	423.220	415.176
34)	L7 AR-1260-4	7.950	6.950	46154733	24602211	429.446	384.405
35)	L7 AR-1260-5	8.267	7.194	83544358	55590924	404.673	410.691
36)	L8 AR-1262-1	7.725	6.744	37170219	13785757	315.053	391.106
37)	L8 AR-1262-2	8.267	6.950	83544358	24602211	380.653	331.329
38)	L8 AR-1262-3	8.590	7.477	56488791	9620039	369.501	173.383 #
39)	L8 AR-1262-4	8.647f	7.541	35171545	39236893	467.178	386.510
40)	L8 AR-1262-5	9.321	8.037	19955408	11174478	242.041	245.719
41)	L9 AR-1268-1	8.590	7.477	56488791	9620039	197.929	57.215 #

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 ALS Vial : 15 Sample Multiplier: 1

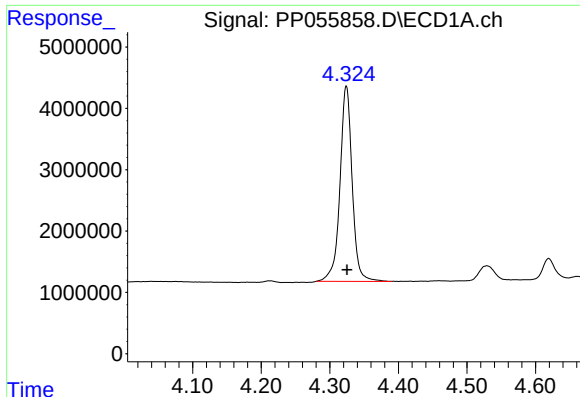
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:12:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
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 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	8.647f	7.541	35171545	39236893	131.911	256.517 #
43) L9	AR-1268-3	8.897	7.748	1324415	911044	5.628	6.640
44) L9	AR-1268-4	9.321	8.037	19955408	11174478	202.123	203.109
45) L9	AR-1268-5	9.734	8.323	7136354	3854142	9.479	9.555

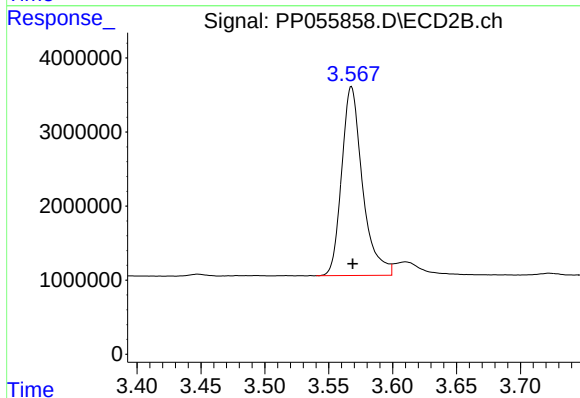
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

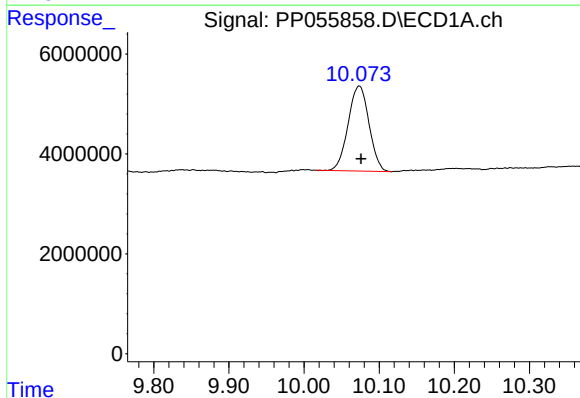
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 39522399
Conc: 24.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



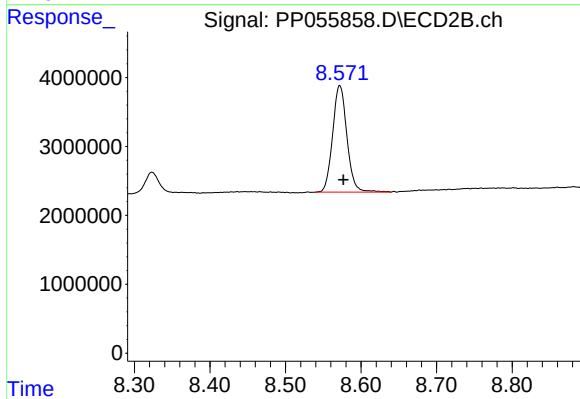
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 28963605
Conc: 19.84 ng/ml



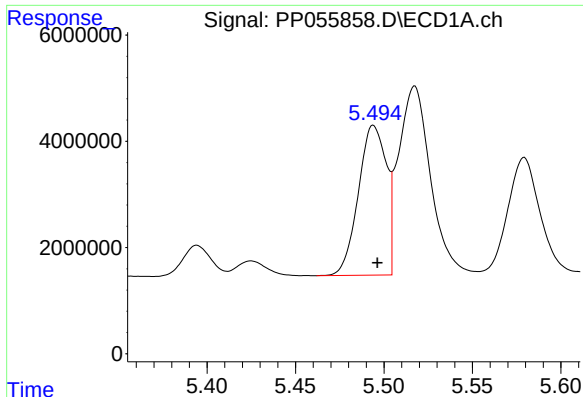
#2 Decachlorobiphenyl

R.T.: 10.074 min
Delta R.T.: -0.002 min
Response: 32898829
Conc: 16.13 ng/ml



#2 Decachlorobiphenyl

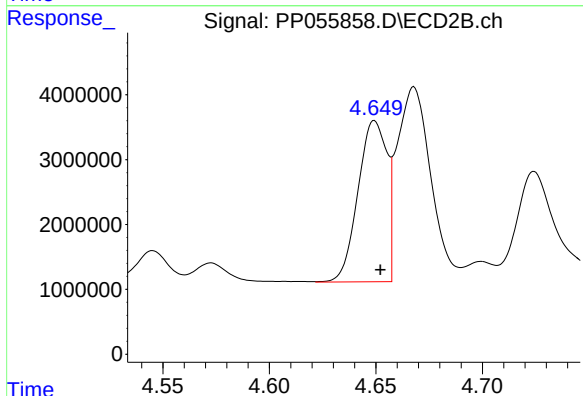
R.T.: 8.572 min
Delta R.T.: -0.005 min
Response: 20378112
Conc: 17.96 ng/ml



#3 AR-1016-1

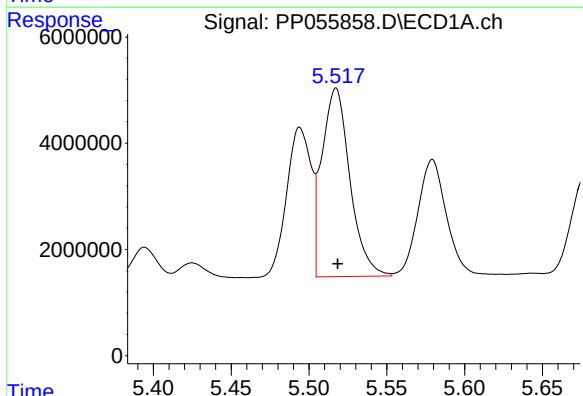
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 31014343
Conc: 519.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



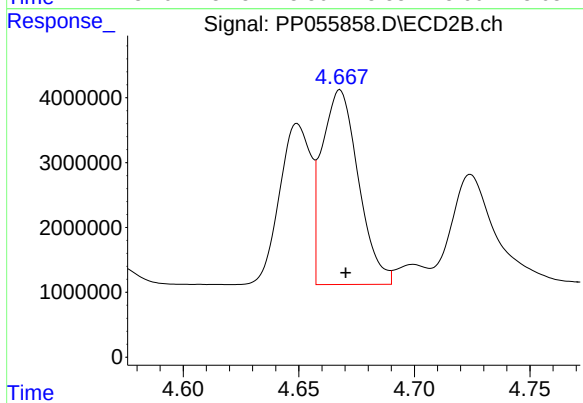
#3 AR-1016-1

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 23437364
Conc: 520.48 ng/ml



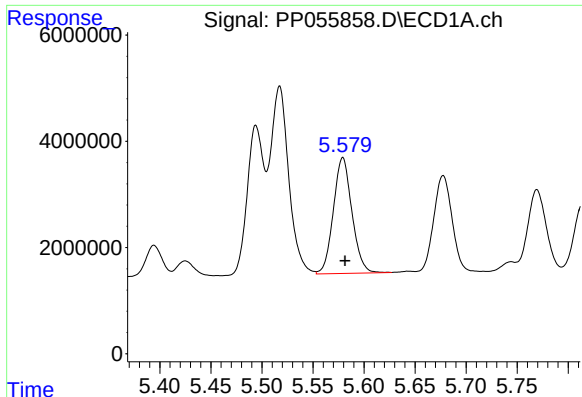
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 44484563
Conc: 508.46 ng/ml



#4 AR-1016-2

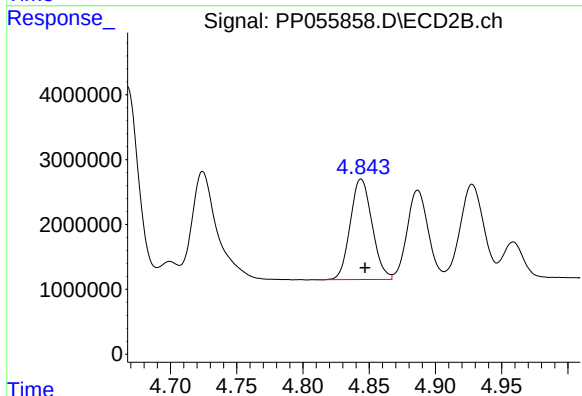
R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 32993729
Conc: 508.03 ng/ml



#5 AR-1016-3

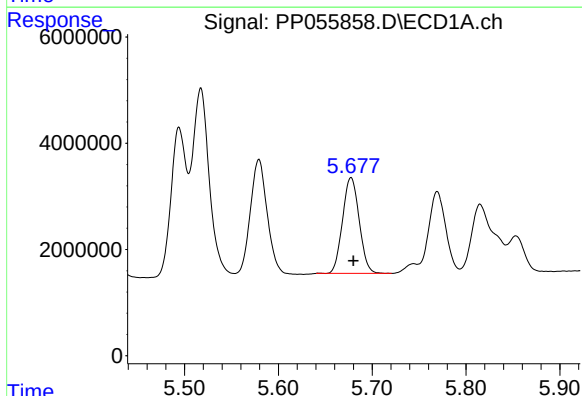
R.T.: 5.579 min
Delta R.T.: -0.002 min
Response: 2760008
Conc: 496.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



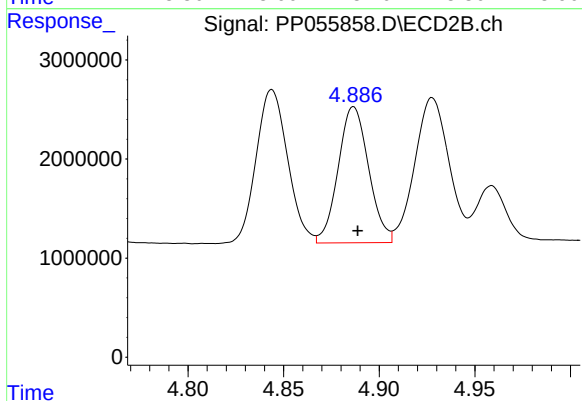
#5 AR-1016-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 17790423
Conc: 511.91 ng/ml



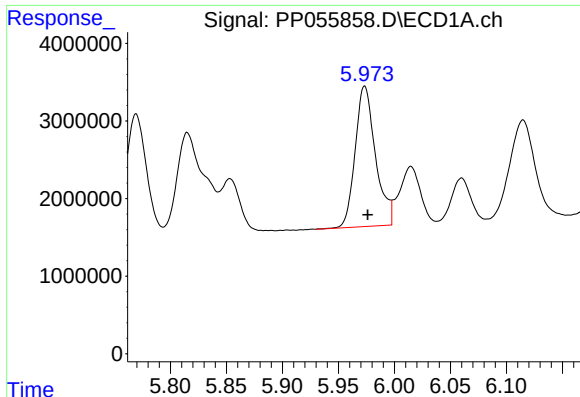
#6 AR-1016-4

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 22213185
Conc: 498.48 ng/ml



#6 AR-1016-4

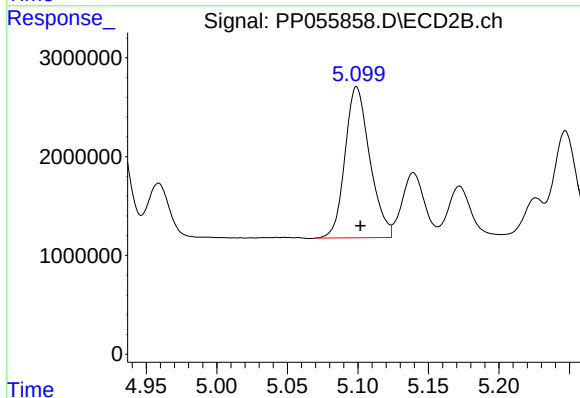
R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 15265718
Conc: 510.72 ng/ml



#7 AR-1016-5

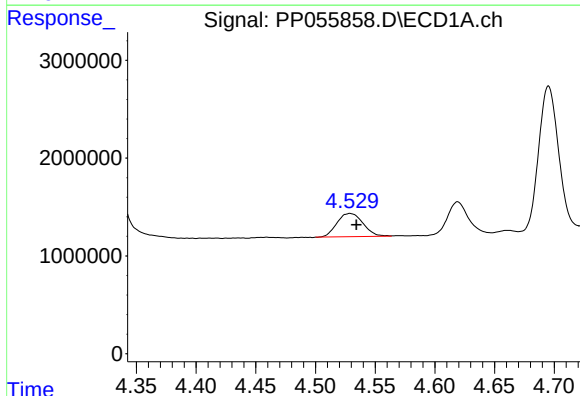
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 22876595
Conc: 473.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



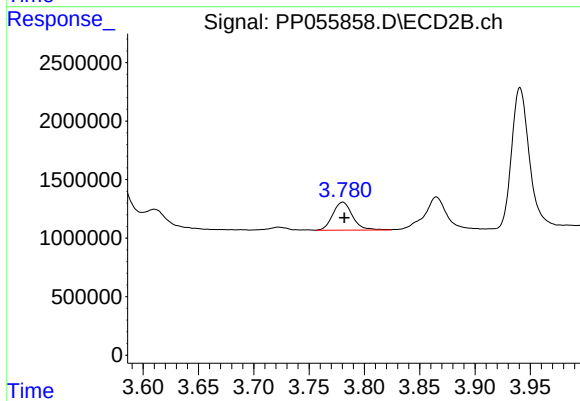
#7 AR-1016-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 18681223
Conc: 472.54 ng/ml



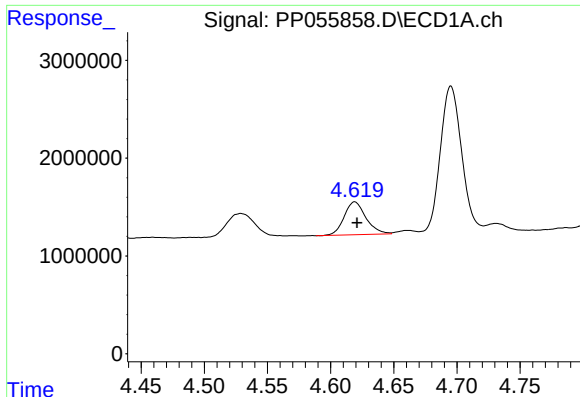
#8 AR-1221-1

R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 3624294
Conc: 174.12 ng/ml



#8 AR-1221-1

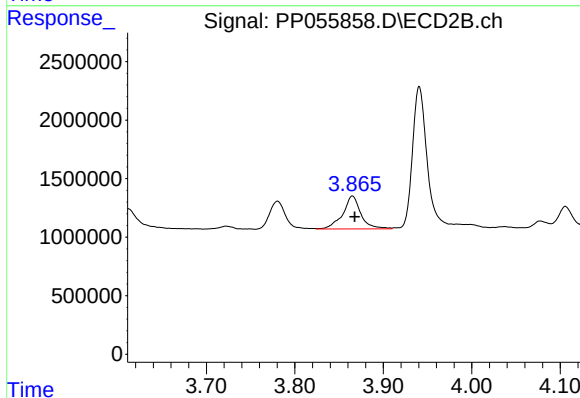
R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 2978208
Conc: 165.80 ng/ml



#9 AR-1221-2

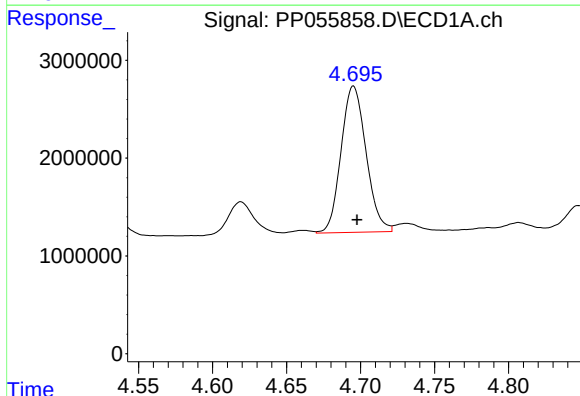
R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 4042047
Conc: 254.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



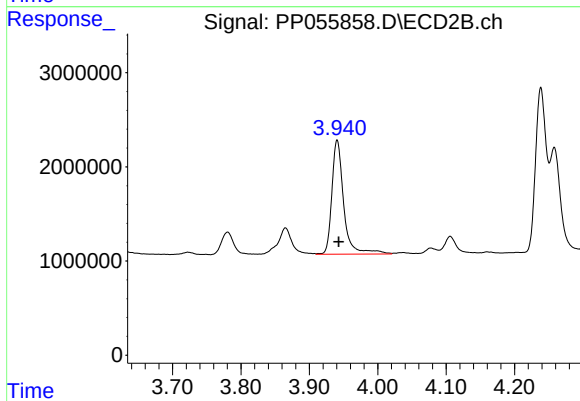
#9 AR-1221-2

R.T.: 3.865 min
Delta R.T.: -0.003 min
Response: 3991019
Conc: 303.88 ng/ml



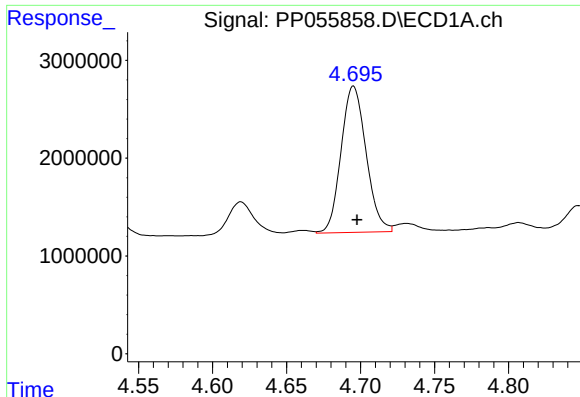
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 17605799
Conc: 362.91 ng/ml



#10 AR-1221-3

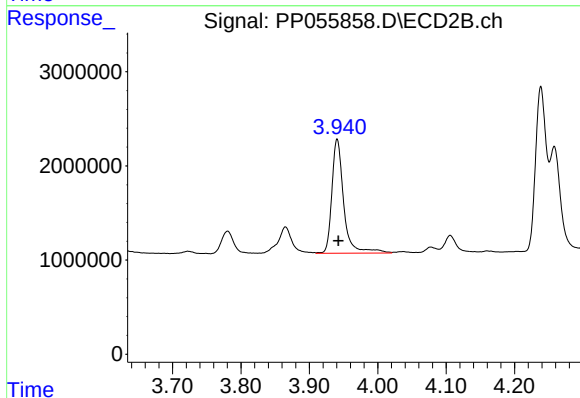
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 14622069
Conc: 350.33 ng/ml



#11 AR-1232-1

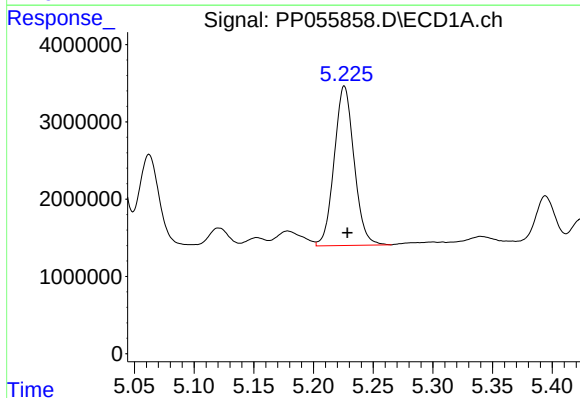
R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 17605799
Conc: 444.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



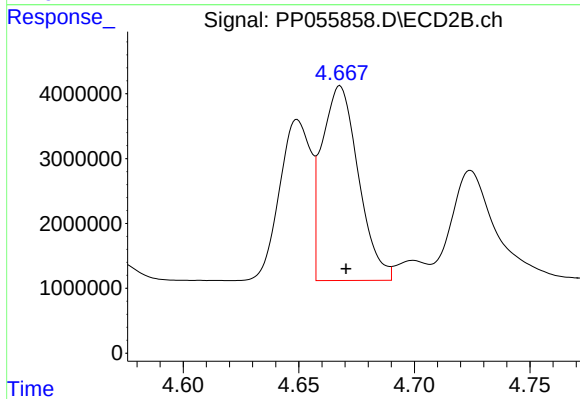
#11 AR-1232-1

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 14622069
Conc: 424.75 ng/ml



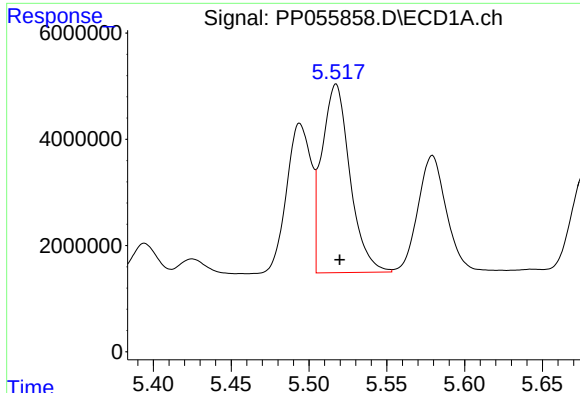
#12 AR-1232-2

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 23905267
Conc: 1150.87 ng/ml



#12 AR-1232-2

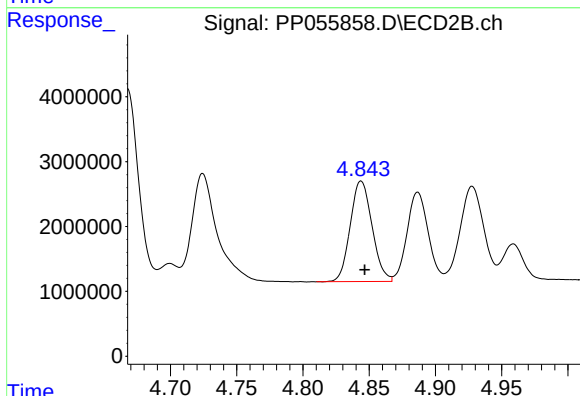
R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 32993729
Conc: 1124.14 ng/ml



#13 AR-1232-3

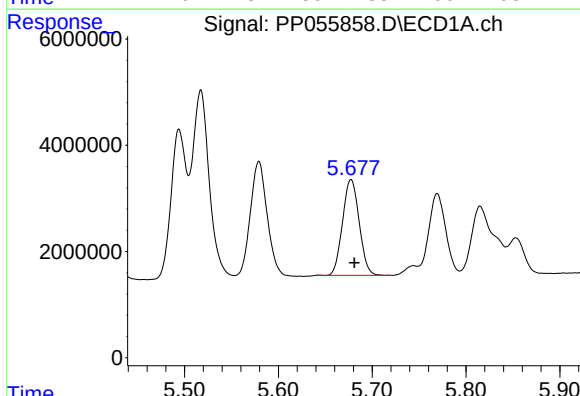
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 44484563
Conc: 1128.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



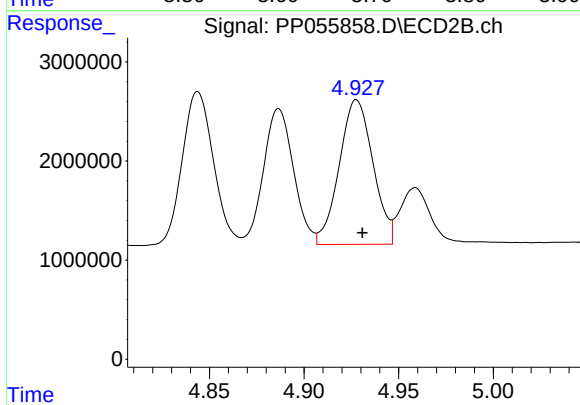
#13 AR-1232-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 17790423
Conc: 1170.63 ng/ml



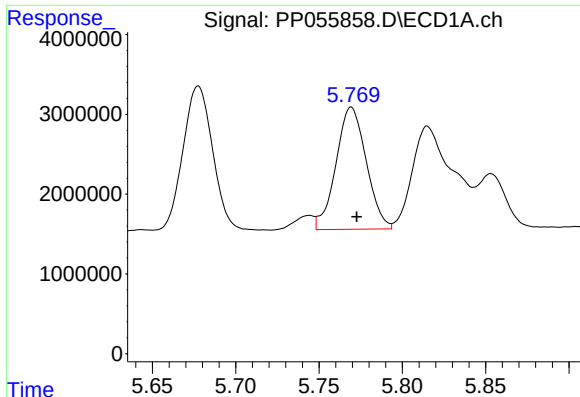
#14 AR-1232-4

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 22213185
Conc: 1133.92 ng/ml



#14 AR-1232-4

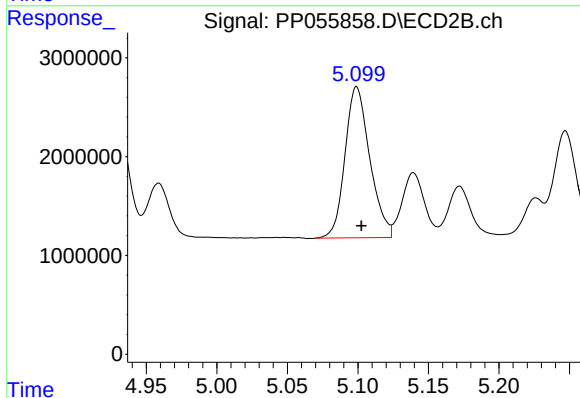
R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 18159764
Conc: 1197.90 ng/ml



#15 AR-1232-5

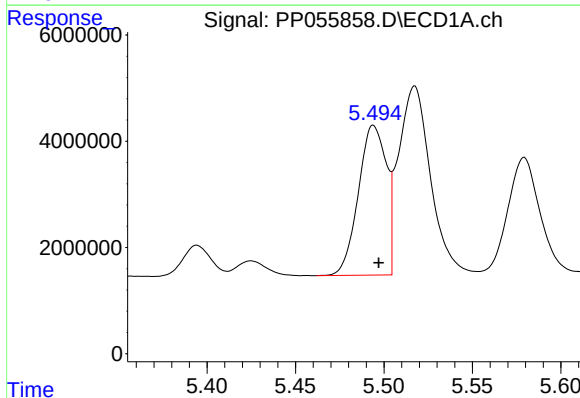
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 19358869
Conc: 1210.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



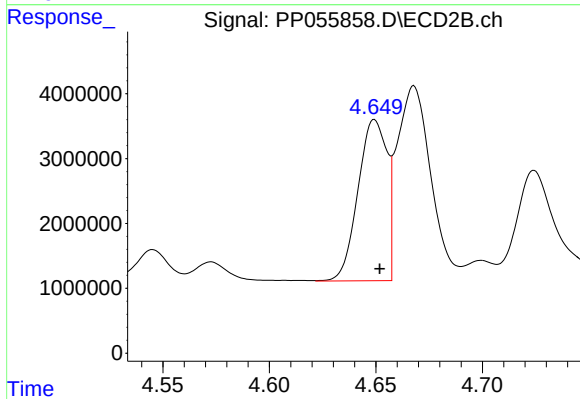
#15 AR-1232-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 18681223
Conc: 1139.69 ng/ml



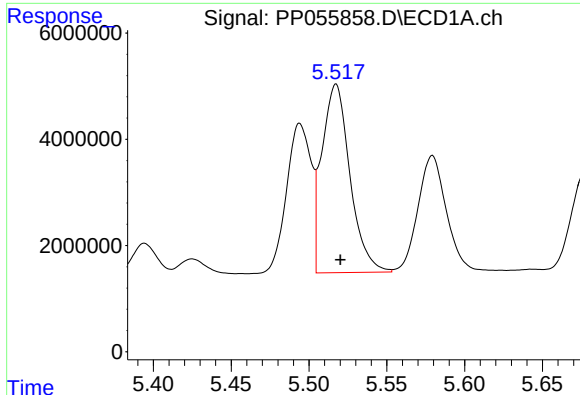
#16 AR-1242-1

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 31014343
Conc: 642.30 ng/ml



#16 AR-1242-1

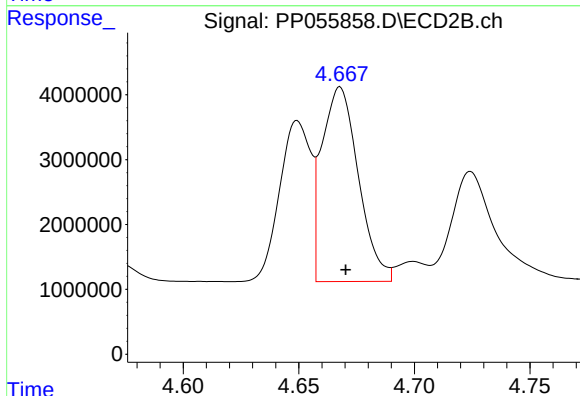
R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 23437364
Conc: 637.01 ng/ml



#17 AR-1242-2

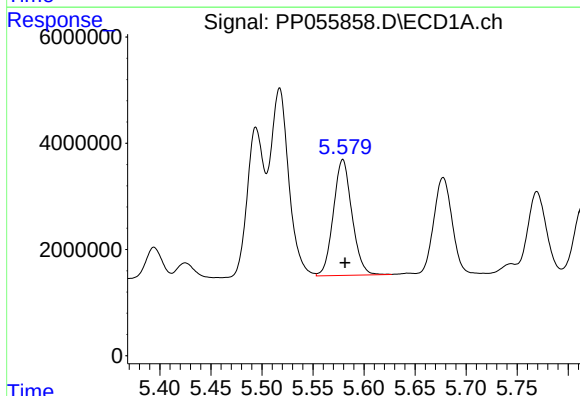
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 44484563
Conc: 626.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



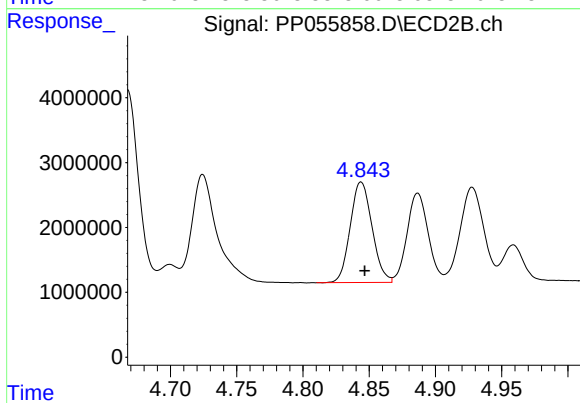
#17 AR-1242-2

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 32993729
Conc: 626.40 ng/ml



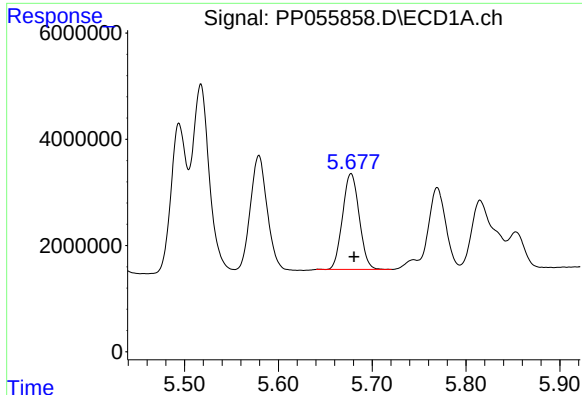
#18 AR-1242-3

R.T.: 5.579 min
Delta R.T.: -0.002 min
Response: 27600008
Conc: 618.64 ng/ml



#18 AR-1242-3

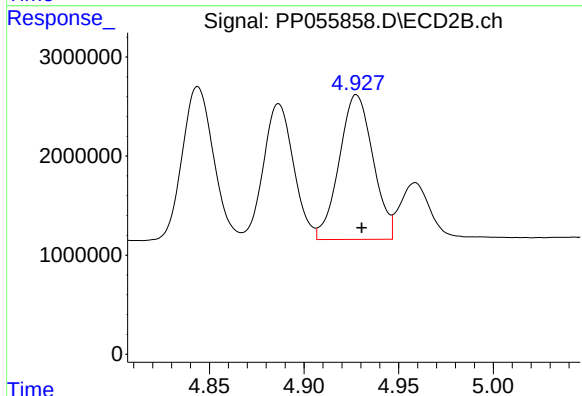
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 17790423
Conc: 628.40 ng/ml



#19 AR-1242-4

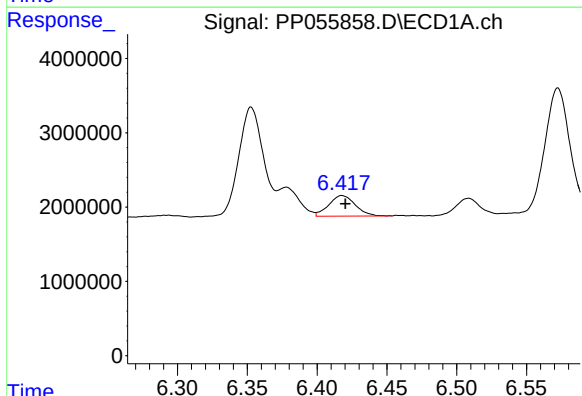
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 22213185
Conc: 614.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



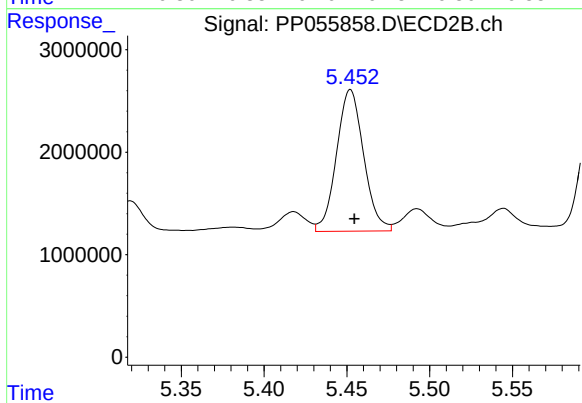
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 18159764
Conc: 588.59 ng/ml



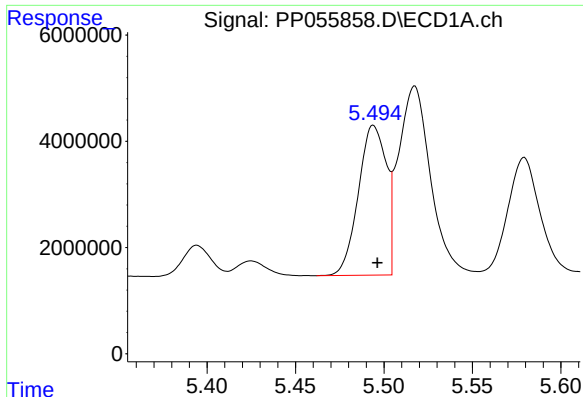
#20 AR-1242-5

R.T.: 6.418 min
Delta R.T.: -0.003 min
Response: 3678280
Conc: 87.81 ng/ml



#20 AR-1242-5

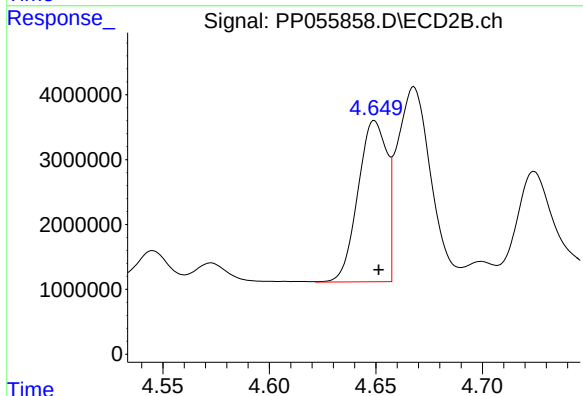
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 15761077
Conc: 473.17 ng/ml



#21 AR-1248-1

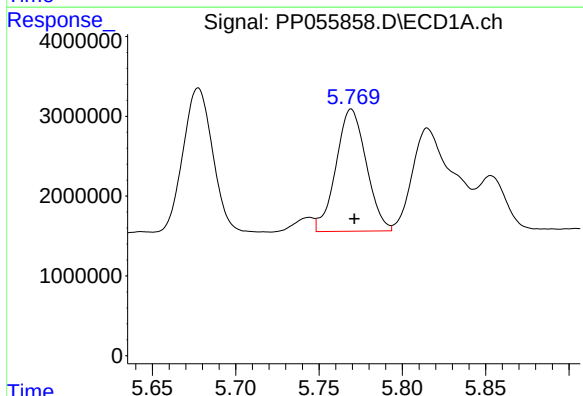
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 31014343
Conc: 852.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



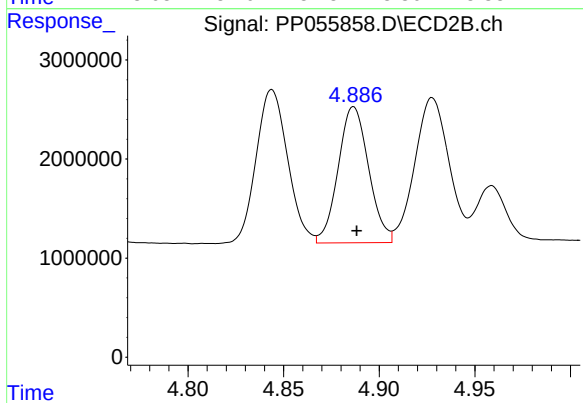
#21 AR-1248-1

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 23437364
Conc: 839.20 ng/ml



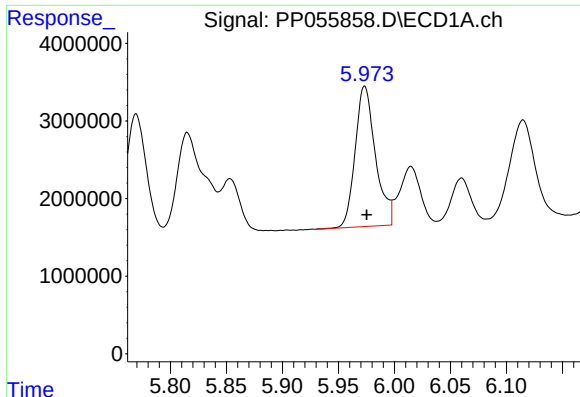
#22 AR-1248-2

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 19358869
Conc: 336.45 ng/ml



#22 AR-1248-2

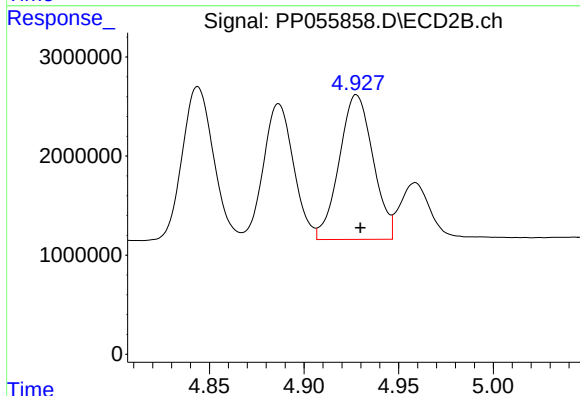
R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 15265718
Conc: 358.85 ng/ml



#23 AR-1248-3

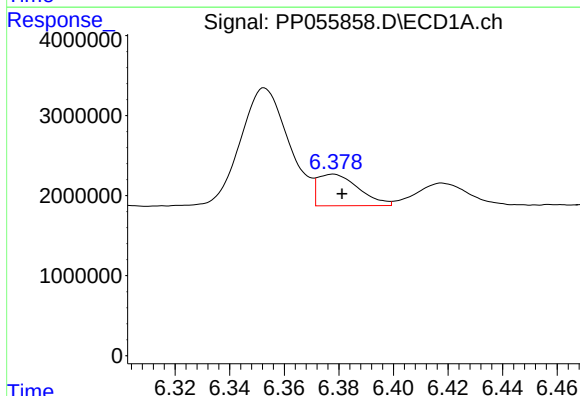
R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 22876595
Conc: 352.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



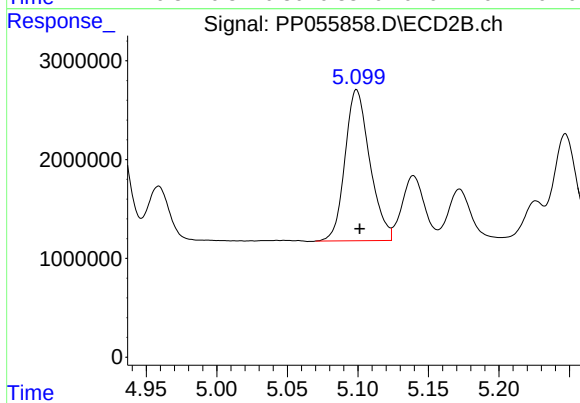
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 18159764
Conc: 408.07 ng/ml



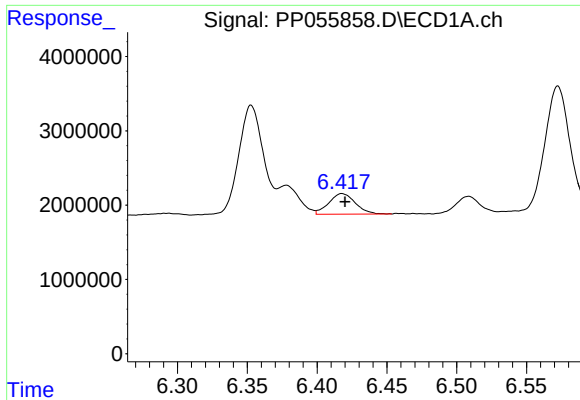
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 4091161
Conc: 56.39 ng/ml



#24 AR-1248-4

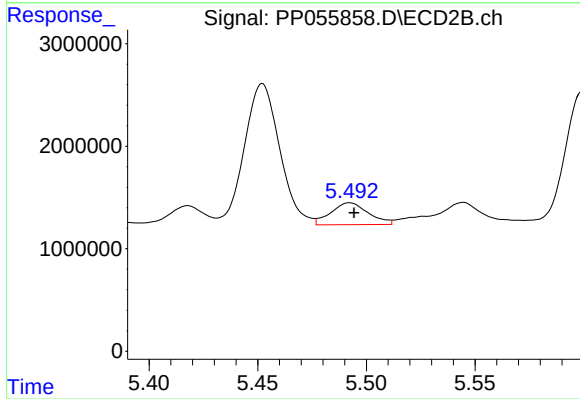
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 18681223
Conc: 364.86 ng/ml



#25 AR-1248-5

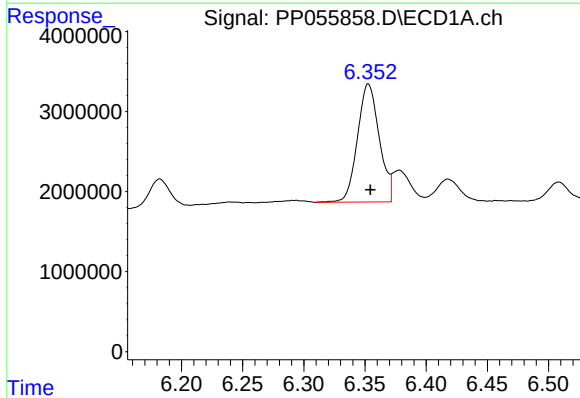
R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 3678280
Conc: 51.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



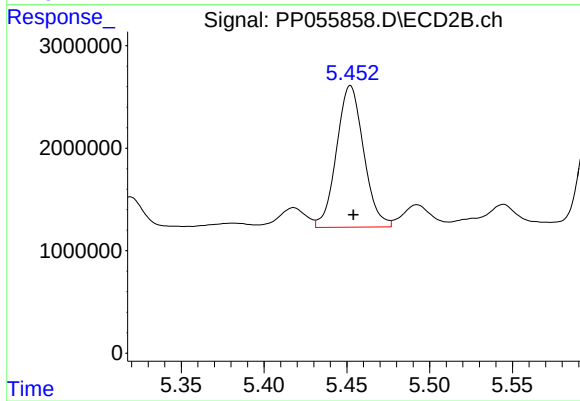
#25 AR-1248-5

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 2577464
Conc: 58.48 ng/ml



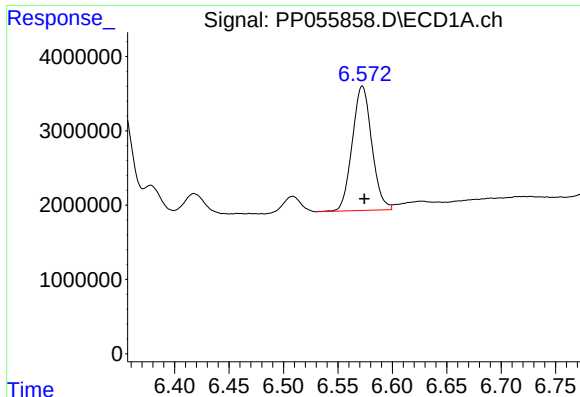
#26 AR-1254-1

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 18231788
Conc: 247.98 ng/ml



#26 AR-1254-1

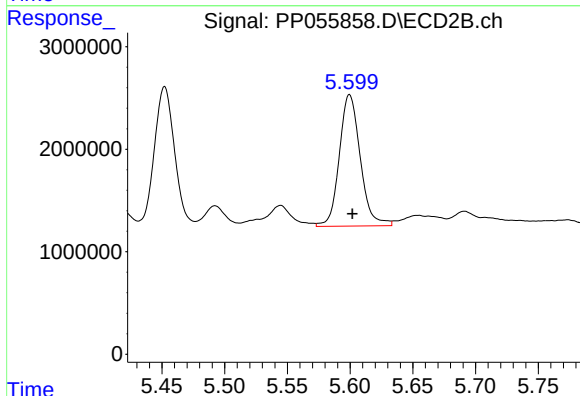
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 15761077
Conc: 214.23 ng/ml



#27 AR-1254-2

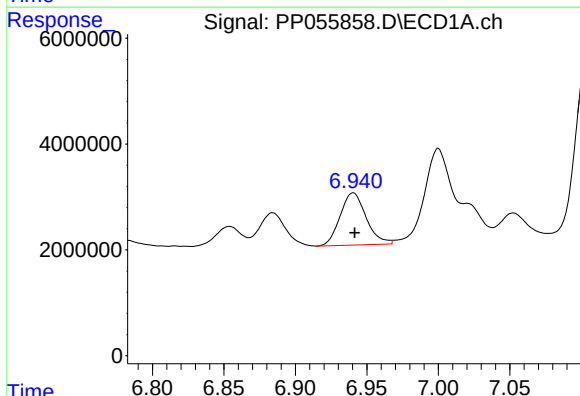
R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 20939836
Conc: 181.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



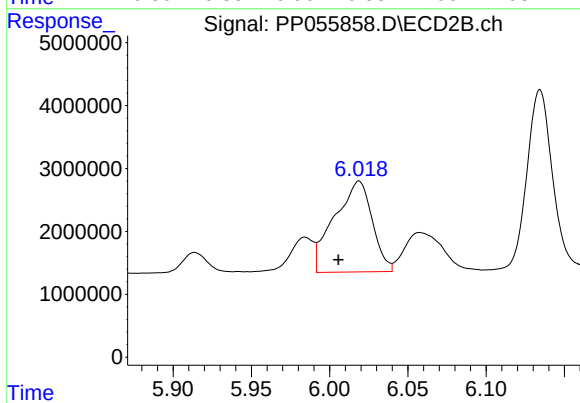
#27 AR-1254-2

R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 14933593
Conc: 237.35 ng/ml



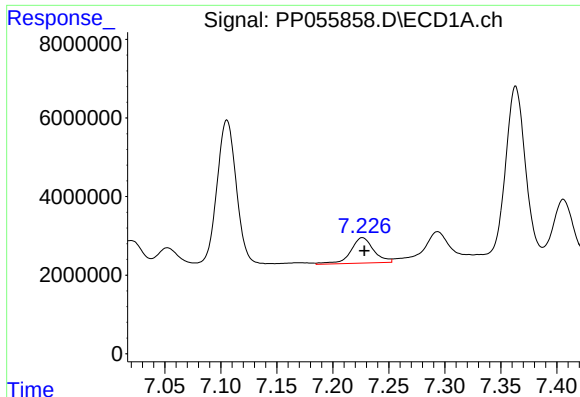
#28 AR-1254-3

R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 12530335
Conc: 101.82 ng/ml



#28 AR-1254-3

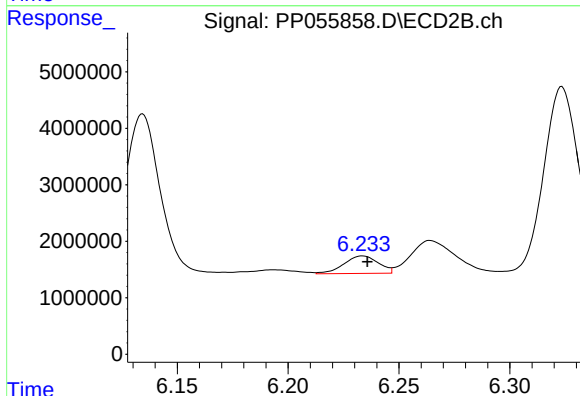
R.T.: 6.019 min
Delta R.T.: 0.013 min
Response: 24325242
Conc: 248.02 ng/ml



#29 AR-1254-4

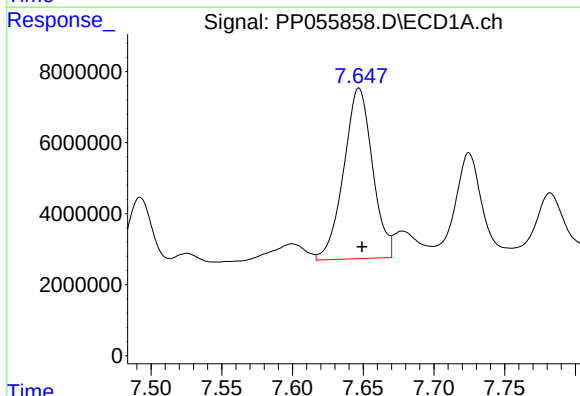
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 9290414
Conc: 101.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



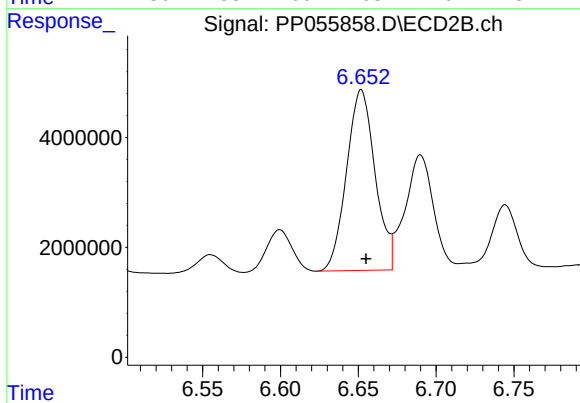
#29 AR-1254-4

R.T.: 6.234 min
Delta R.T.: -0.002 min
Response: 3379678
Conc: 61.40 ng/ml



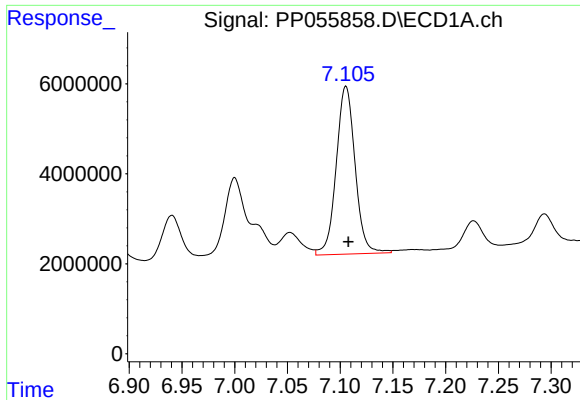
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 67878262
Conc: 645.83 ng/ml



#30 AR-1254-5

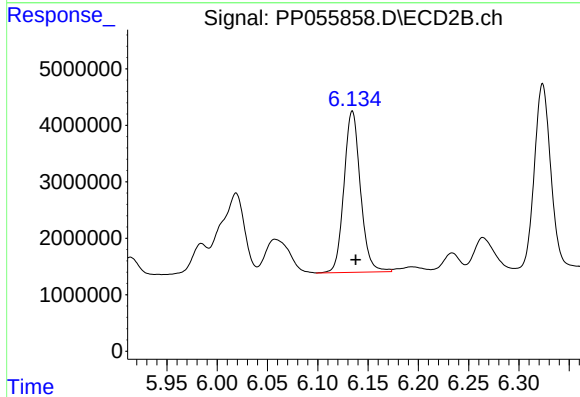
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 41971280
Conc: 516.58 ng/ml



#31 AR-1260-1

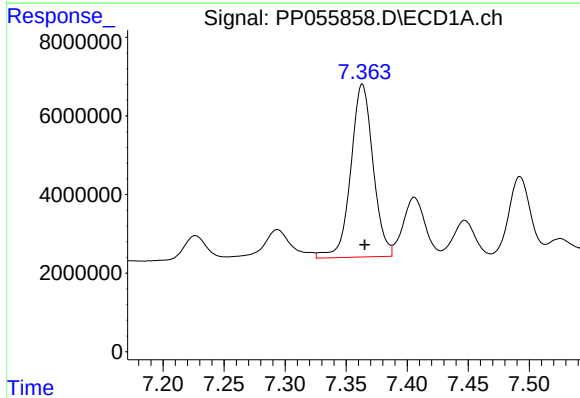
R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 46474228
Conc: 448.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



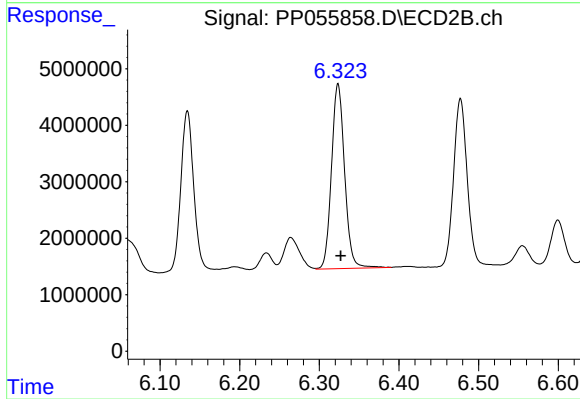
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 32606076
Conc: 447.26 ng/ml



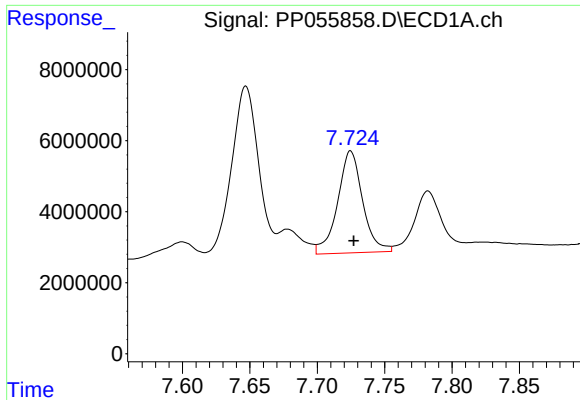
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 56037449
Conc: 445.55 ng/ml



#32 AR-1260-2

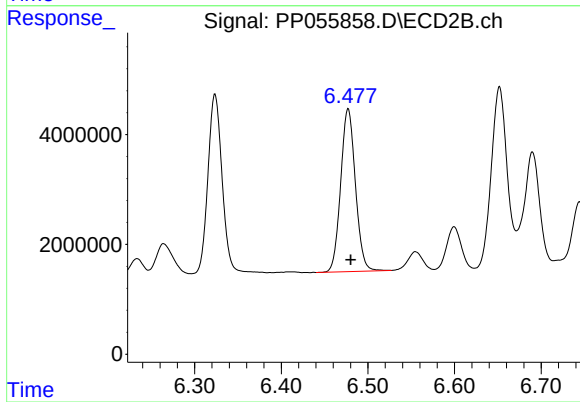
R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 37480768
Conc: 459.34 ng/ml



#33 AR-1260-3

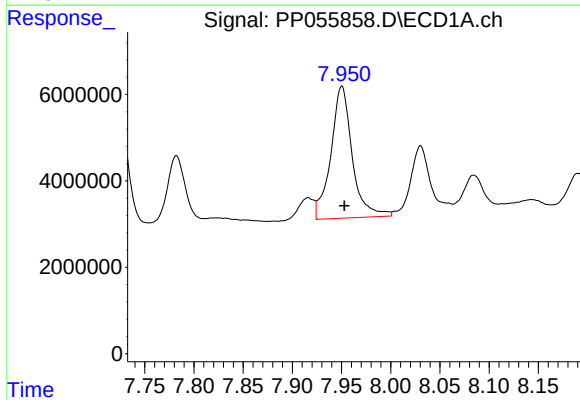
R.T.: 7.725 min
Delta R.T.: -0.002 min
Response: 37170219
Conc: 423.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



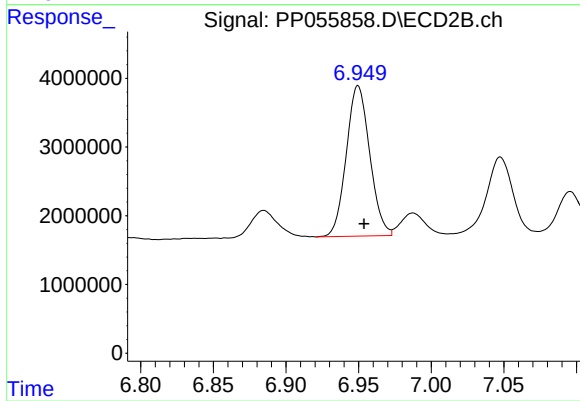
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 35085076
Conc: 415.18 ng/ml



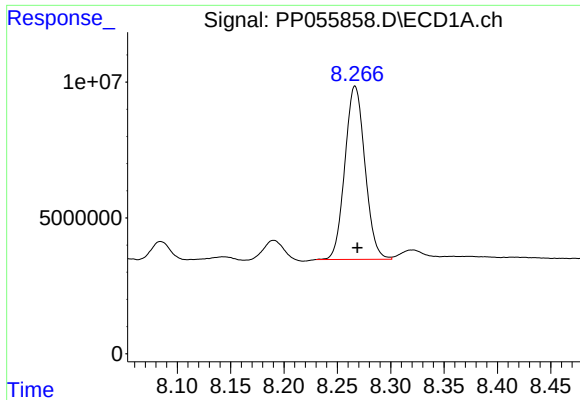
#34 AR-1260-4

R.T.: 7.950 min
Delta R.T.: -0.003 min
Response: 46154733
Conc: 429.45 ng/ml



#34 AR-1260-4

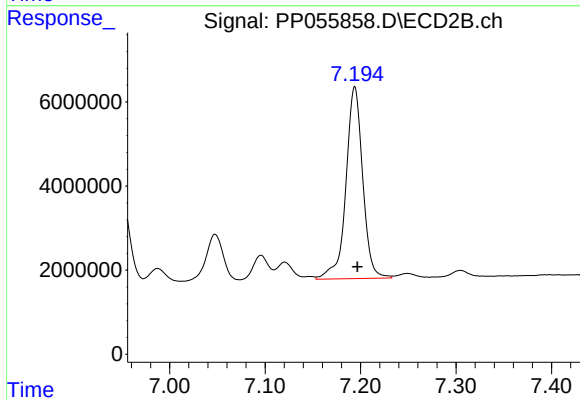
R.T.: 6.950 min
Delta R.T.: -0.004 min
Response: 24602211
Conc: 384.41 ng/ml



#35 AR-1260-5

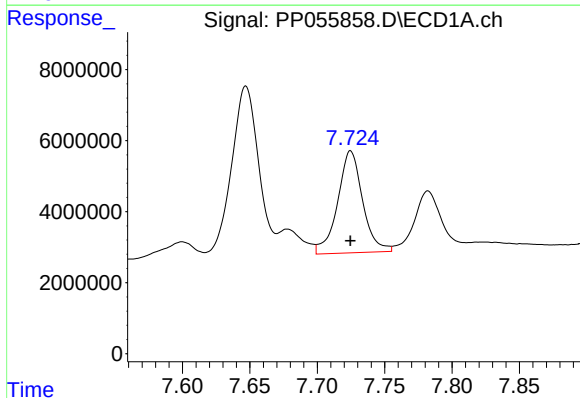
R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 83544358
Conc: 404.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



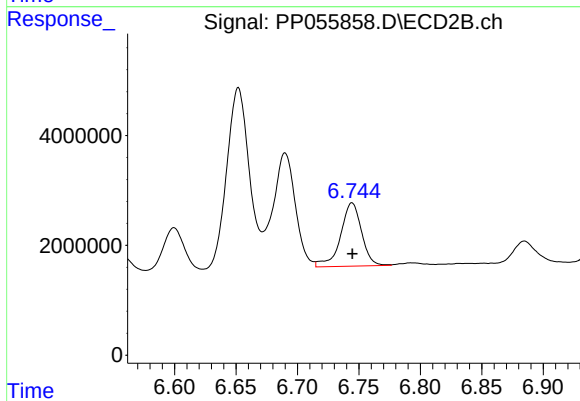
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 55590924
Conc: 410.69 ng/ml



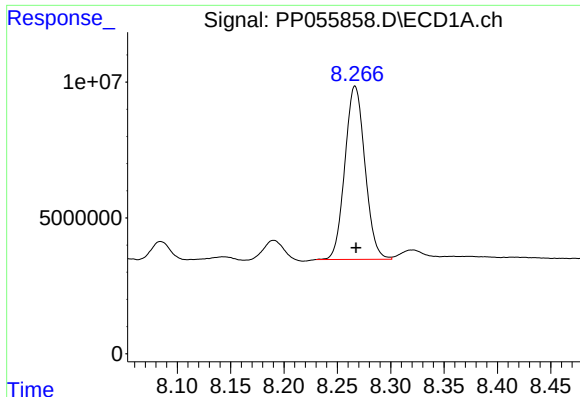
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 37170219
Conc: 315.05 ng/ml



#36 AR-1262-1

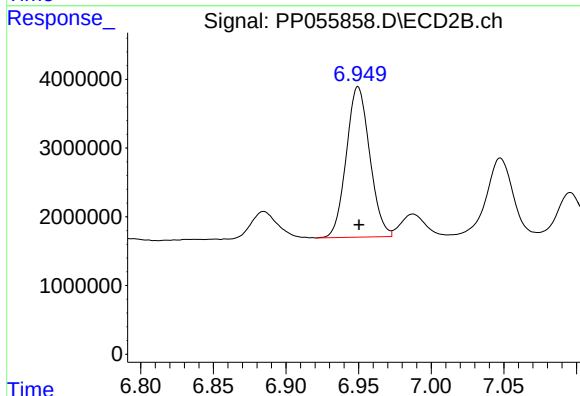
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 13785757
Conc: 391.11 ng/ml



#37 AR-1262-2

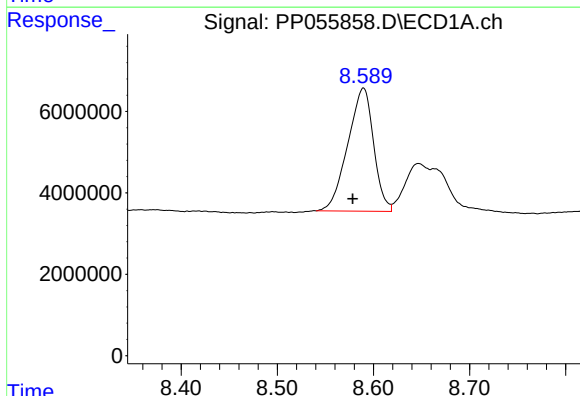
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 83544358
Conc: 380.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



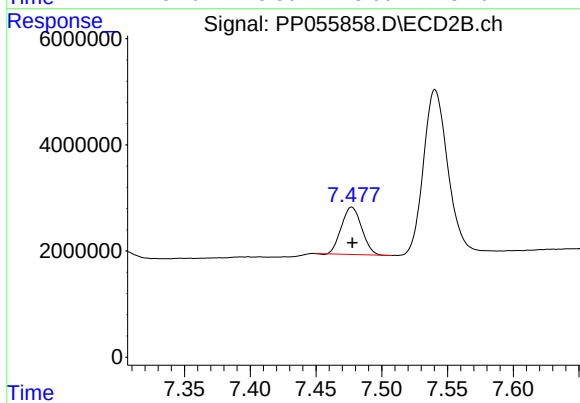
#37 AR-1262-2

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 24602211
Conc: 331.33 ng/ml



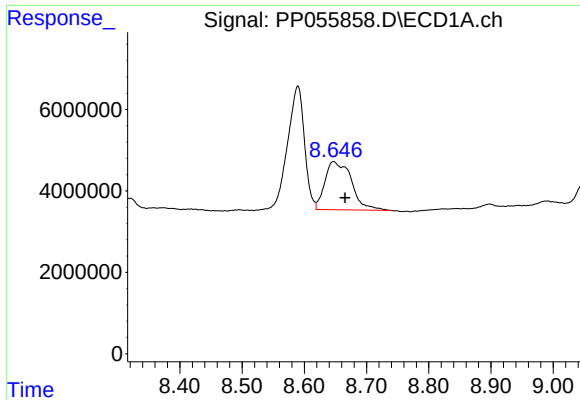
#38 AR-1262-3

R.T.: 8.590 min
Delta R.T.: 0.011 min
Response: 56488791
Conc: 369.50 ng/ml



#38 AR-1262-3

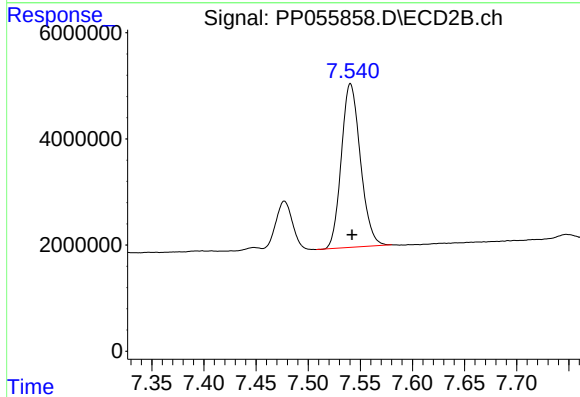
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 9620039
Conc: 173.38 ng/ml



#39 AR-1262-4

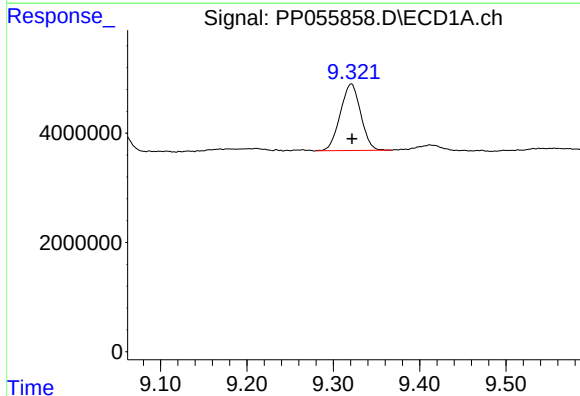
R.T.: 8.647 min
Delta R.T.: -0.019 min
Response: 35171545
Conc: 467.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



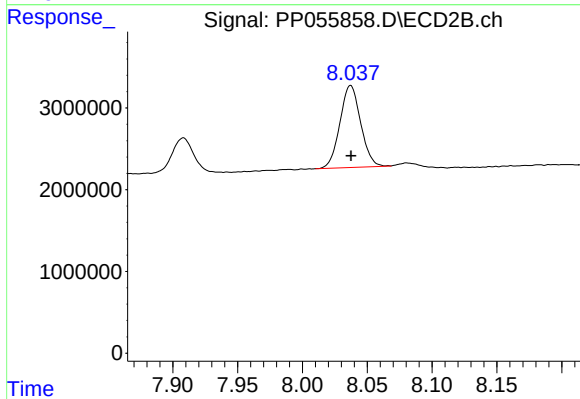
#39 AR-1262-4

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 39236893
Conc: 386.51 ng/ml



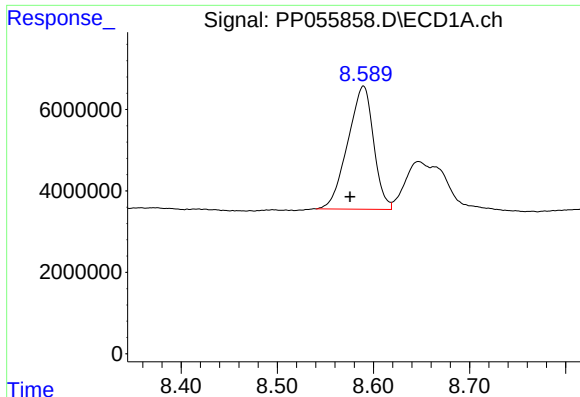
#40 AR-1262-5

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 19955408
Conc: 242.04 ng/ml



#40 AR-1262-5

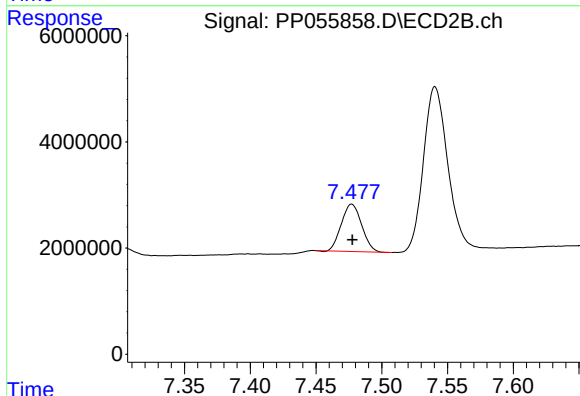
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 11174478
Conc: 245.72 ng/ml



#41 AR-1268-1

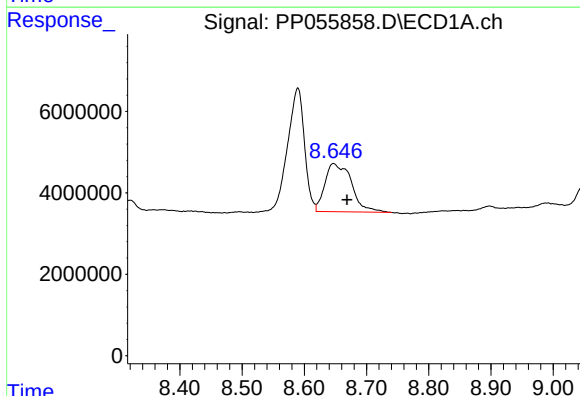
R.T.: 8.590 min
Delta R.T.: 0.014 min
Response: 56488791
Conc: 197.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



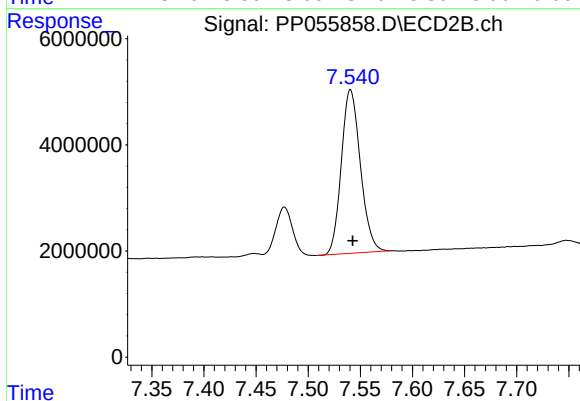
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 9620039
Conc: 57.22 ng/ml



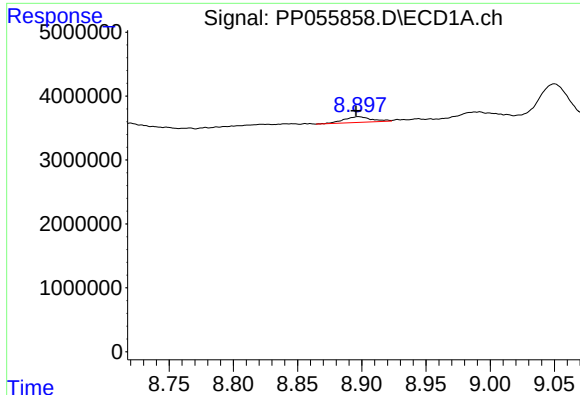
#42 AR-1268-2

R.T.: 8.647 min
Delta R.T.: -0.022 min
Response: 35171545
Conc: 131.91 ng/ml



#42 AR-1268-2

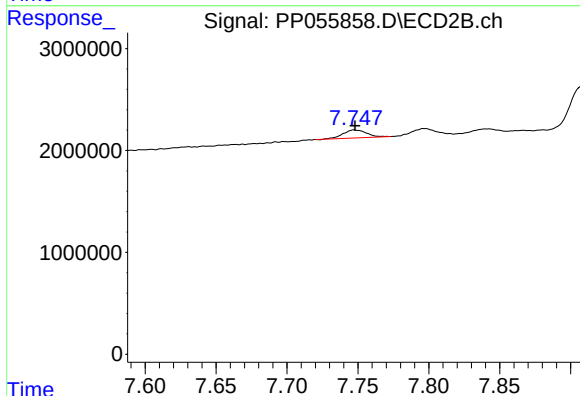
R.T.: 7.541 min
Delta R.T.: -0.002 min
Response: 39236893
Conc: 256.52 ng/ml



#43 AR-1268-3

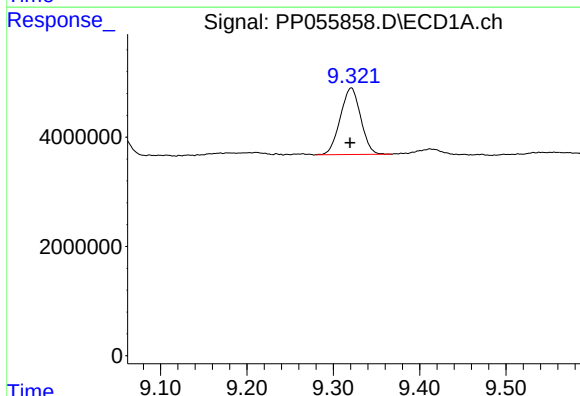
R.T.: 8.897 min
Delta R.T.: 0.002 min
Response: 1324415
Conc: 5.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



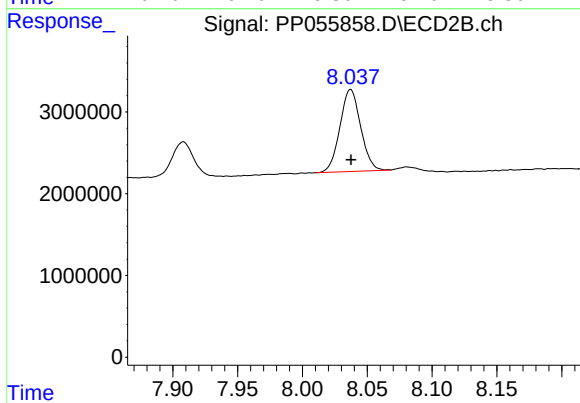
#43 AR-1268-3

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 911044
Conc: 6.64 ng/ml



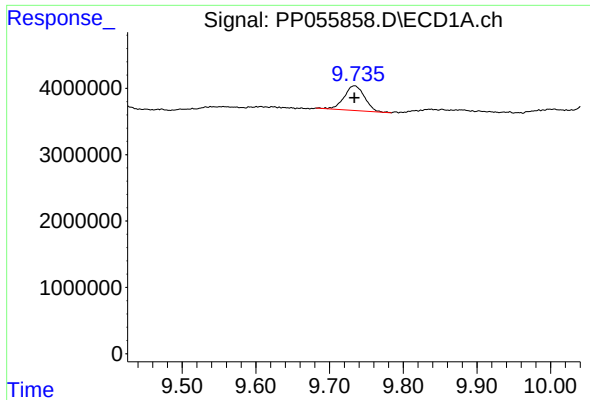
#44 AR-1268-4

R.T.: 9.321 min
Delta R.T.: 0.001 min
Response: 19955408
Conc: 202.12 ng/ml



#44 AR-1268-4

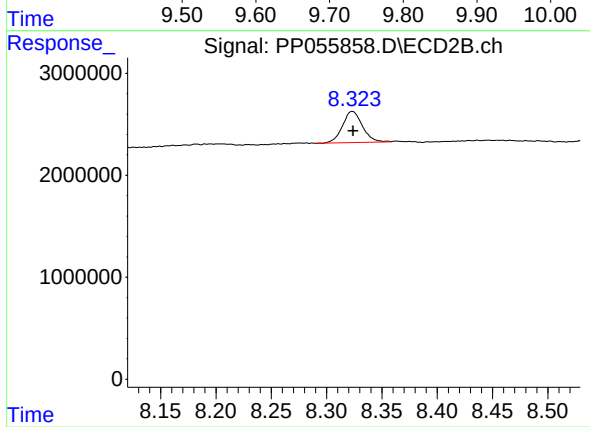
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 11174478
Conc: 203.11 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: 0.000 min
Response: 7136354
Conc: 9.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 3854142
Conc: 9.56 ng/ml