

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030623\
 Data File : PP056233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2023 17:13
 Operator : YP\AJ
 Sample : 01787-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 17:34:45 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...	4.321	3.564	34991312	23937282	21.717	16.393
2)	SA Decachlor...	10.066	8.564	31589954	22221539	15.486	19.587 #
Target Compounds							
3)	L1 AR-1016-1	5.491	4.644	31034154	20063376	520.064	445.555
4)	L1 AR-1016-2	5.514	4.662	45086134	29239467	515.334	450.227
5)	L1 AR-1016-3	5.576	4.838	27827331	15488357	500.945	445.669
6)	L1 AR-1016-4	5.675	4.881	22521590	13273075	505.406	444.053
7)	L1 AR-1016-5	5.970	5.094	23585561	16351803	488.469	413.619
8)	L2 AR-1221-1	4.525	3.775	3111511	2204833	149.487	122.745
9)	L2 AR-1221-2	4.616	3.861	3774274	2990424	237.275	227.697
10)	L2 AR-1221-3	4.692	3.936	16808628	12162046	346.480	291.392
11)	L3 AR-1232-1	4.692	3.936	16808628	12162046	424.354	353.286
12)	L3 AR-1232-2	5.222	4.662	23480186	29239467	1130.408	996.225
13)	L3 AR-1232-3	5.514	4.838	45086134	15488357	1144.214	1019.153
14)	L3 AR-1232-4	5.675	4.922	22521590	16239136	1149.665	1071.209
15)	L3 AR-1232-5	5.766	5.094	19223154	16351803	1201.950	997.578
16)	L4 AR-1242-1	5.491	4.644	31034154	20063376	642.712	545.304
17)	L4 AR-1242-2	5.514	4.662	45086134	29239467	634.489	555.126
18)	L4 AR-1242-3	5.576	4.838	27827331	15488357	623.732	547.088
19)	L4 AR-1242-4	5.675	4.922	22521590	16239136	623.341	526.341
20)	L4 AR-1242-5	6.415	5.446	3526298	13655840	84.182	409.971 #
21)	L5 AR-1248-1	5.491	4.644	31034154	20063376	852.983	718.394
22)	L5 AR-1248-2	5.766	4.881	19223154	13273075	334.096	312.009
23)	L5 AR-1248-3	5.970	4.922	23585561	16239136	362.976	364.913
24)	L5 AR-1248-4	6.374	5.094	3717500	16351803	51.238	319.363 #
25)	L5 AR-1248-5	6.415	5.486	3526298	1942301	49.752	44.067
26)	L6 AR-1254-1	6.349	5.446	18740633	13655840	254.898	185.611 #
27)	L6 AR-1254-2	6.568	5.594	19979877	13283110	173.129	211.121
28)	L6 AR-1254-3	6.937	6.013	11937175	23142721	96.996	235.964 #
29)	L6 AR-1254-4	7.224	6.227	6371304	1973243	69.366	35.847 #
30)	L6 AR-1254-5	7.644	6.645	79807971	47392566	759.330	583.301
31)	L7 AR-1260-1	7.102	6.128	45118660	32443136	435.744	445.027
32)	L7 AR-1260-2	7.360	6.317	52028391	36715933	413.673	449.962
33)	L7 AR-1260-3	7.721	6.470	32518651	34891899	370.257	412.890
34)	L7 AR-1260-4	7.947	6.943	41850603	25693571	389.399	401.457
35)	L7 AR-1260-5	8.263	7.187	75442796	53818052	365.431	397.594
36)	L8 AR-1262-1	7.721	6.737	32518651	14637826	275.626	415.279 #
37)	L8 AR-1262-2	8.263	6.943	75442796	25693571	343.739	346.026
38)	L8 AR-1262-3	8.585	7.470	50005699	10713393	327.094	193.089 #
39)	L8 AR-1262-4	8.642f	7.534	30508093	39085819	405.234	385.021
40)	L8 AR-1262-5	9.315	8.030	18529576	11172816	224.747	245.682
41)	L9 AR-1268-1	8.585	7.470	50005699	10713393	175.214	63.718 #

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 Operator : YP\AJ
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 ALS Vial : 22 Sample Multiplier: 1

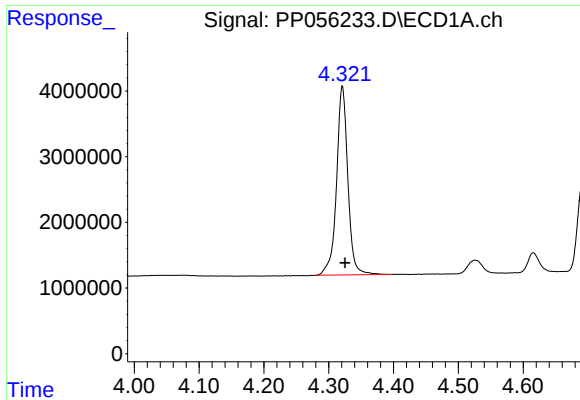
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 17:34:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
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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	8.642f	7.534	30508093	39085819	114.421	255.529 #
43) L9	AR-1268-3	8.889	7.740	1653556	1076720	7.026	7.847
44) L9	AR-1268-4	9.315	8.030	18529576	11172816	187.681	203.079
45) L9	AR-1268-5	9.729	8.316	6338809	4229295	8.420	10.485

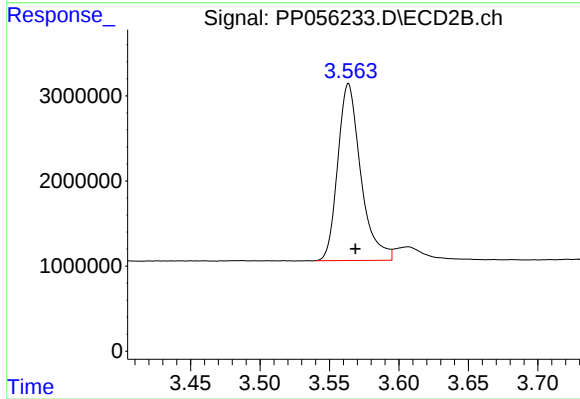
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

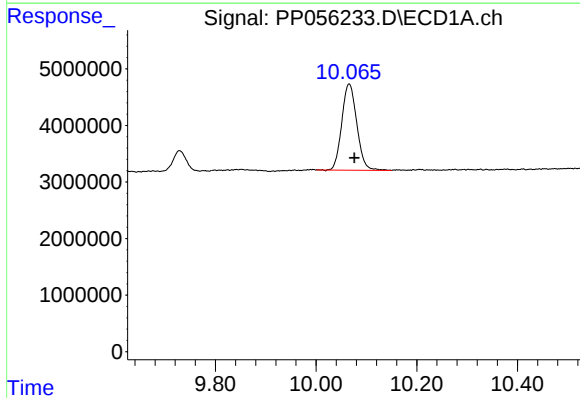
R.T.: 4.321 min
Delta R.T.: -0.004 min
Response: 34991312
Conc: 21.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



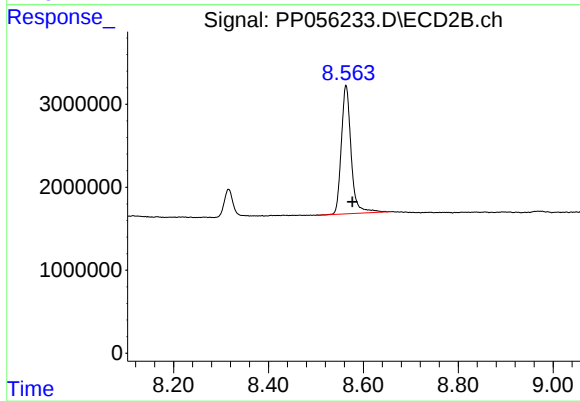
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: -0.005 min
Response: 23937282
Conc: 16.39 ng/ml



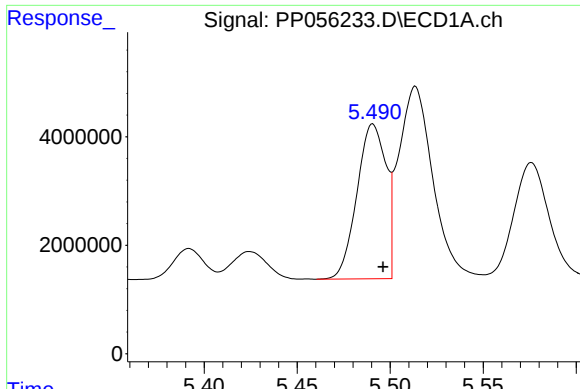
#2 Decachlorobiphenyl

R.T.: 10.066 min
Delta R.T.: -0.010 min
Response: 31589954
Conc: 15.49 ng/ml



#2 Decachlorobiphenyl

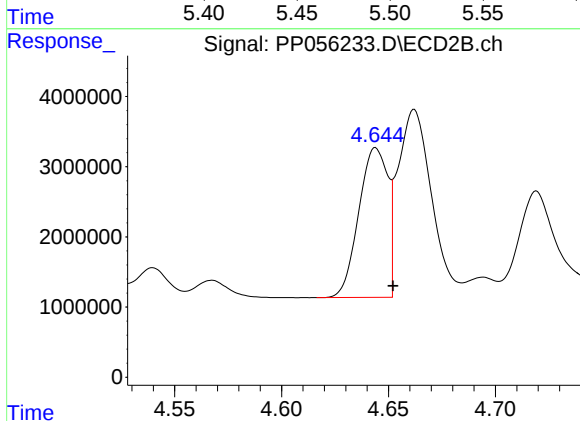
R.T.: 8.564 min
Delta R.T.: -0.013 min
Response: 22221539
Conc: 19.59 ng/ml



#3 AR-1016-1

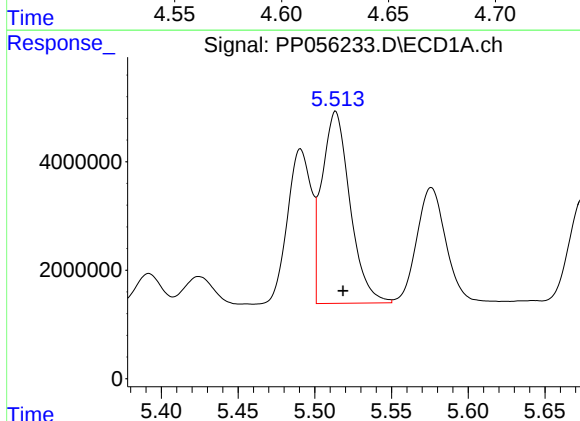
R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 31034154
Conc: 520.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



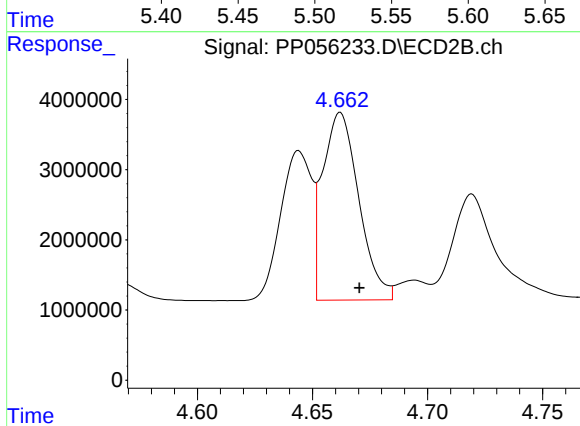
#3 AR-1016-1

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 20063376
Conc: 445.56 ng/ml



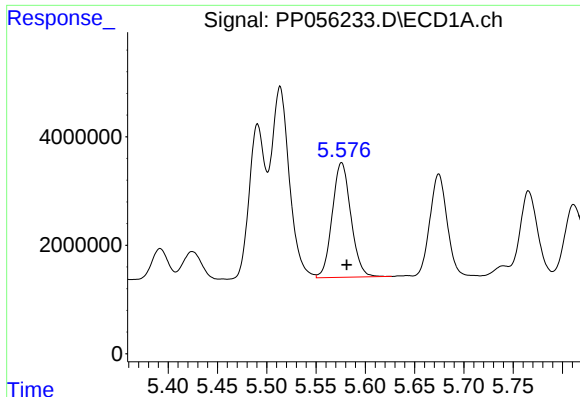
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: 45086134
Conc: 515.33 ng/ml



#4 AR-1016-2

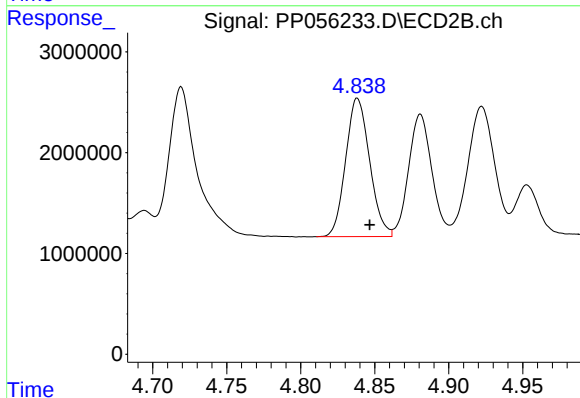
R.T.: 4.662 min
Delta R.T.: -0.008 min
Response: 29239467
Conc: 450.23 ng/ml



#5 AR-1016-3

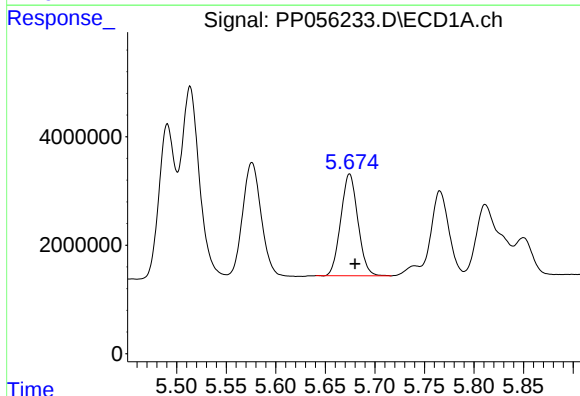
R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 27827331
Conc: 500.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



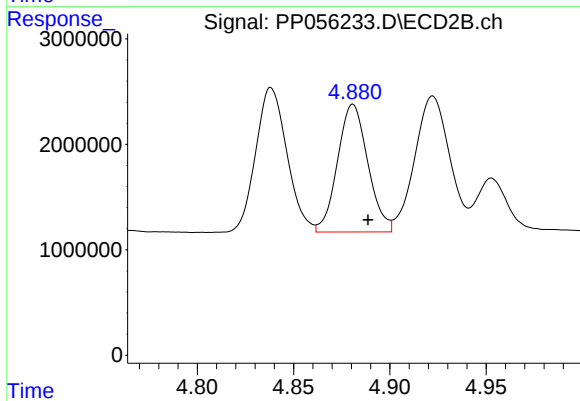
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 15488357
Conc: 445.67 ng/ml



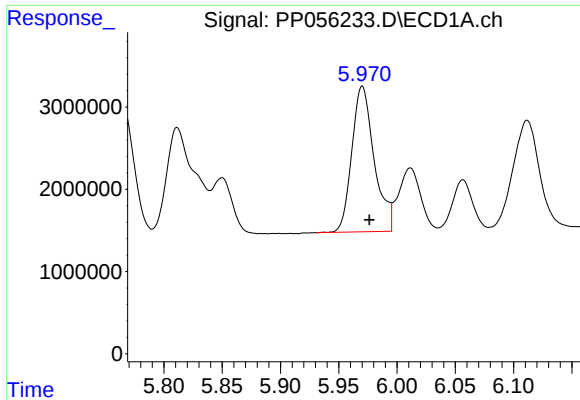
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 22521590
Conc: 505.41 ng/ml



#6 AR-1016-4

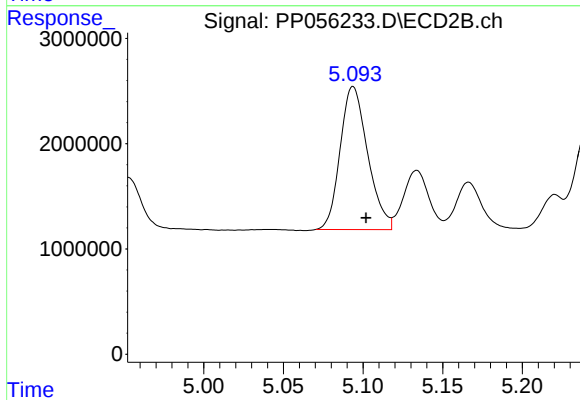
R.T.: 4.881 min
Delta R.T.: -0.008 min
Response: 13273075
Conc: 444.05 ng/ml



#7 AR-1016-5

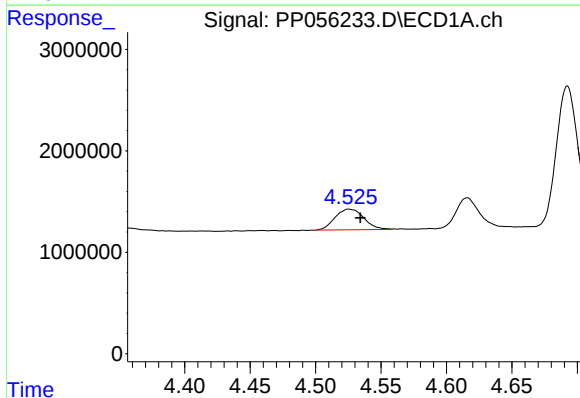
R.T.: 5.970 min
Delta R.T.: -0.006 min
Response: 23585561
Conc: 488.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



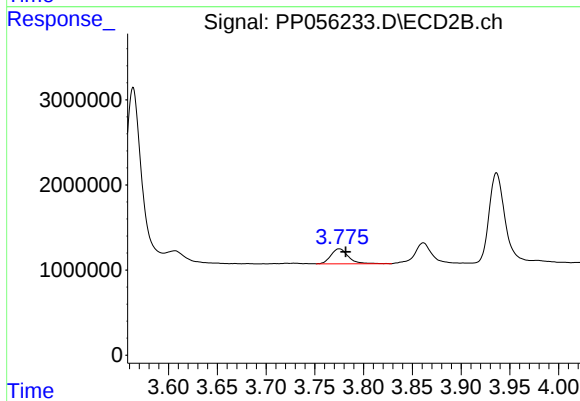
#7 AR-1016-5

R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 16351803
Conc: 413.62 ng/ml



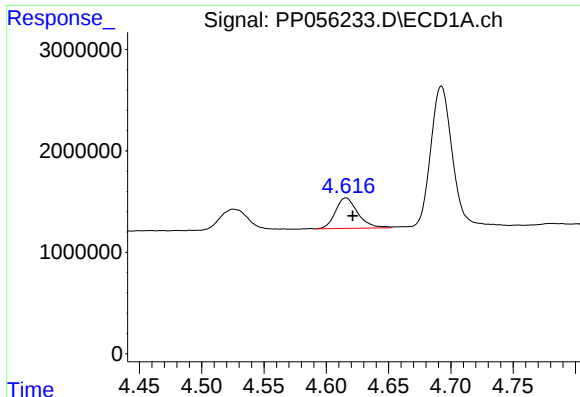
#8 AR-1221-1

R.T.: 4.525 min
Delta R.T.: -0.009 min
Response: 3111511
Conc: 149.49 ng/ml



#8 AR-1221-1

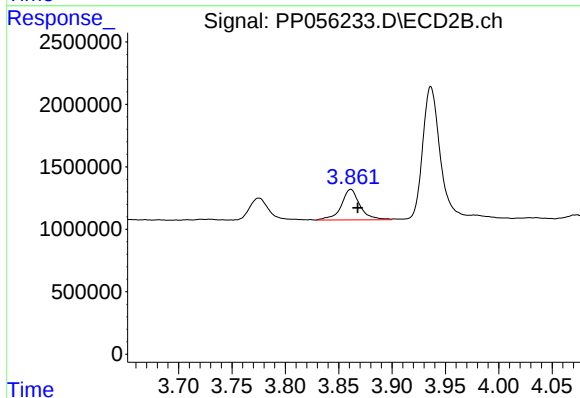
R.T.: 3.775 min
Delta R.T.: -0.007 min
Response: 2204833
Conc: 122.75 ng/ml



#9 AR-1221-2

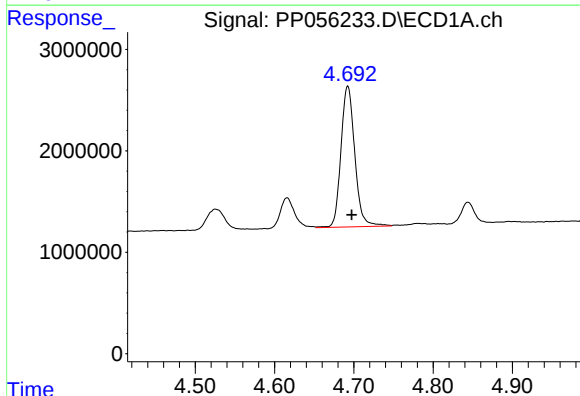
R.T.: 4.616 min
Delta R.T.: -0.005 min
Response: 3774274
Conc: 237.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



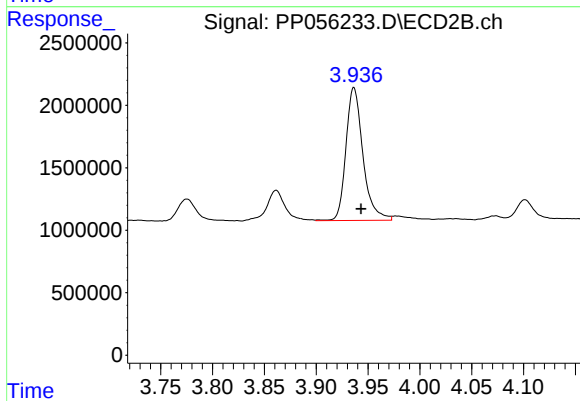
#9 AR-1221-2

R.T.: 3.861 min
Delta R.T.: -0.006 min
Response: 2990424
Conc: 227.70 ng/ml



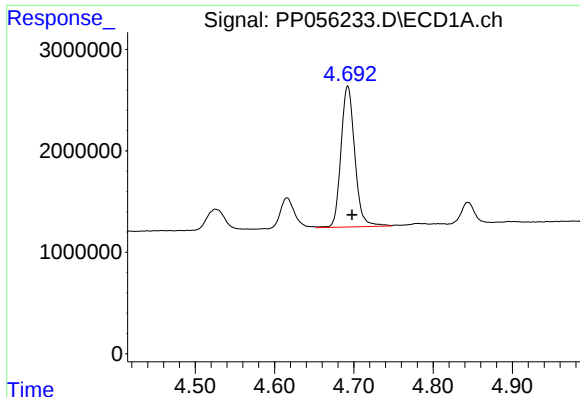
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: -0.005 min
Response: 16808628
Conc: 346.48 ng/ml



#10 AR-1221-3

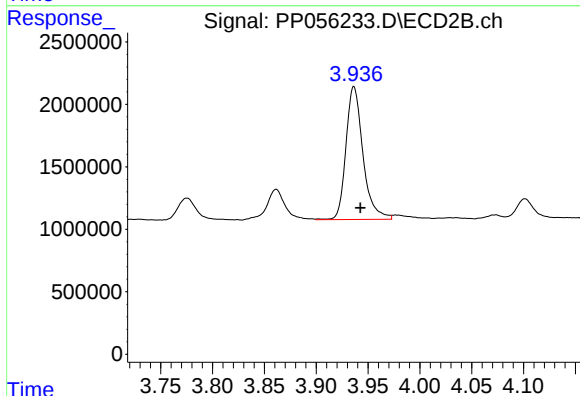
R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 12162046
Conc: 291.39 ng/ml



#11 AR-1232-1

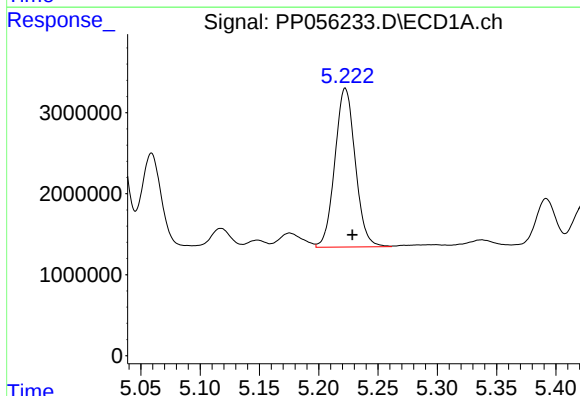
R.T.: 4.692 min
Delta R.T.: -0.005 min
Response: 16808628
Conc: 424.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



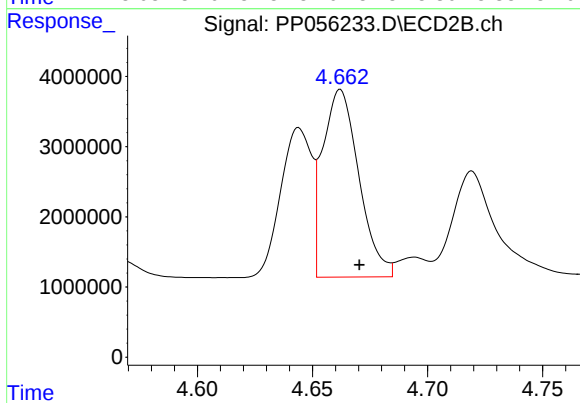
#11 AR-1232-1

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 12162046
Conc: 353.29 ng/ml



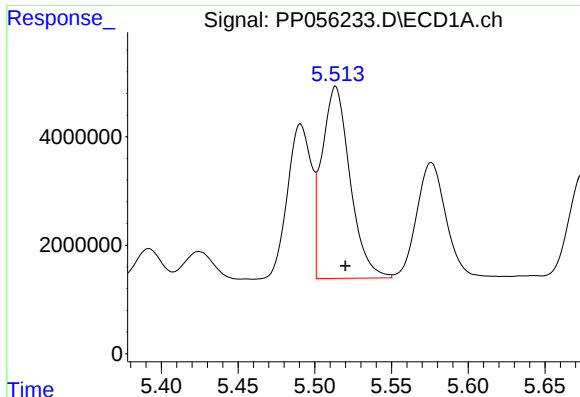
#12 AR-1232-2

R.T.: 5.222 min
Delta R.T.: -0.006 min
Response: 23480186
Conc: 1130.41 ng/ml



#12 AR-1232-2

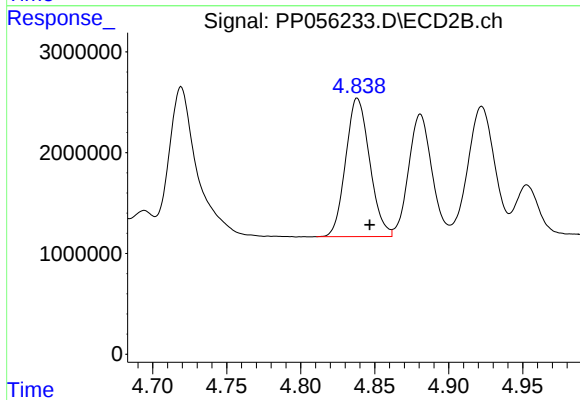
R.T.: 4.662 min
Delta R.T.: -0.008 min
Response: 29239467
Conc: 996.22 ng/ml



#13 AR-1232-3

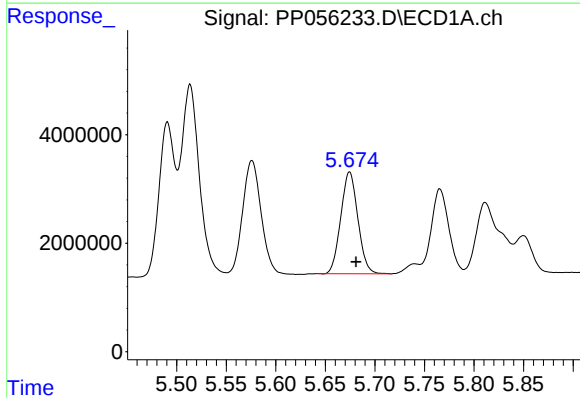
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 45086134
Conc: 1144.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



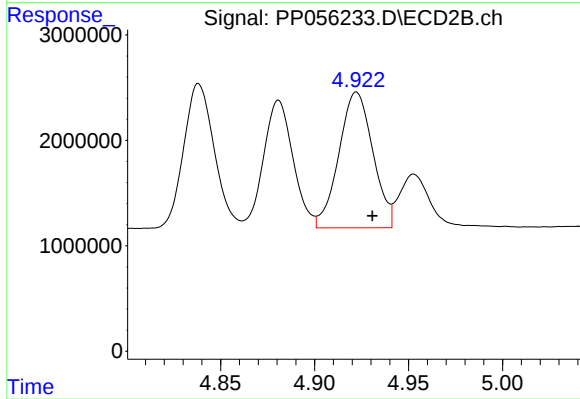
#13 AR-1232-3

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 15488357
Conc: 1019.15 ng/ml



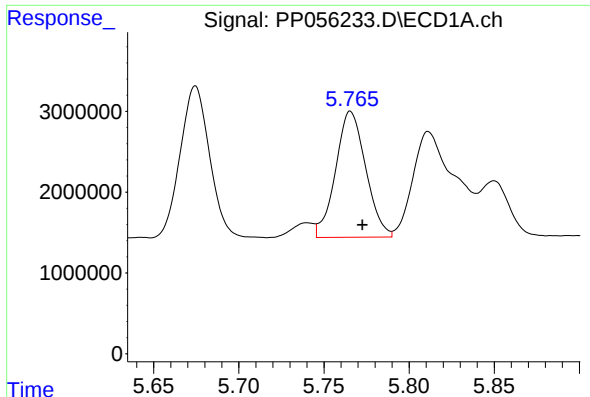
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 22521590
Conc: 1149.67 ng/ml



#14 AR-1232-4

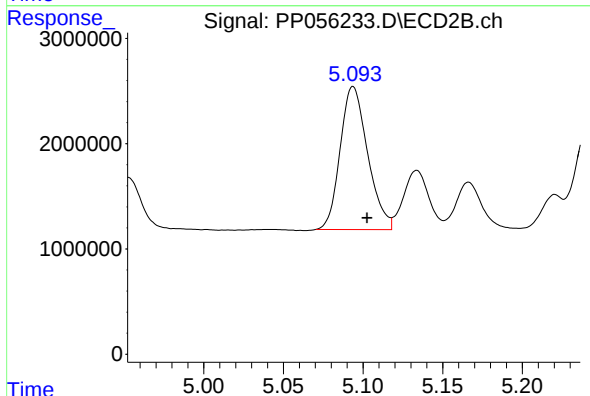
R.T.: 4.922 min
Delta R.T.: -0.009 min
Response: 16239136
Conc: 1071.21 ng/ml



#15 AR-1232-5

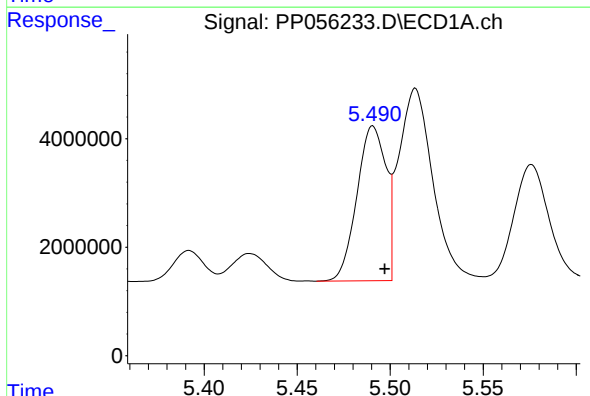
R.T.: 5.766 min
Delta R.T.: -0.007 min
Response: 19223154
Conc: 1201.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



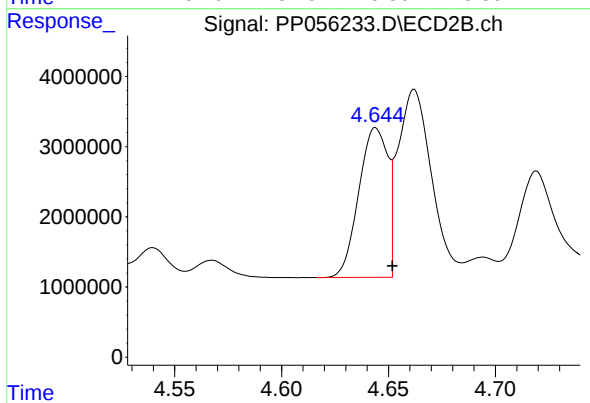
#15 AR-1232-5

R.T.: 5.094 min
Delta R.T.: -0.009 min
Response: 16351803
Conc: 997.58 ng/ml



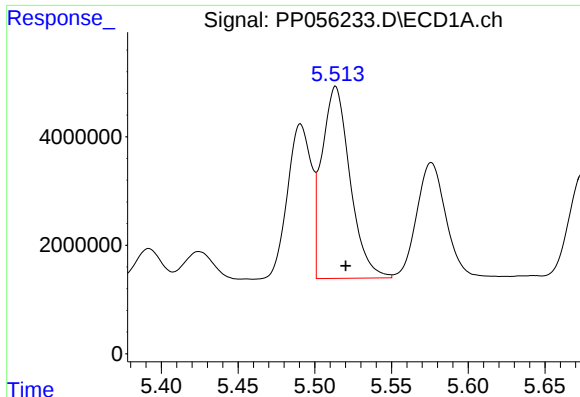
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 31034154
Conc: 642.71 ng/ml



#16 AR-1242-1

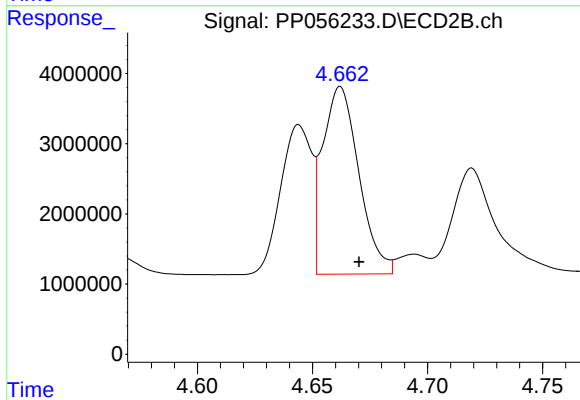
R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 20063376
Conc: 545.30 ng/ml



#17 AR-1242-2

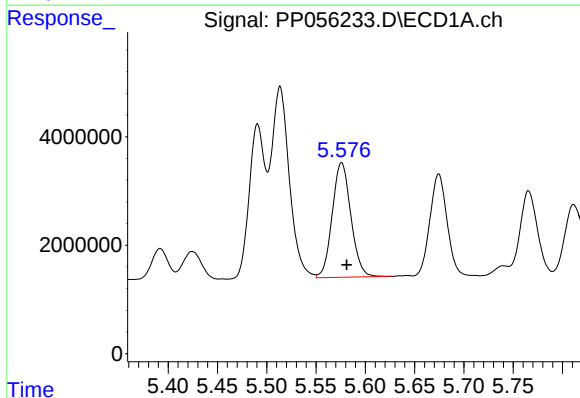
R.T.: 5.514 min
Delta R.T.: -0.007 min
Response: 45086134
Conc: 634.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



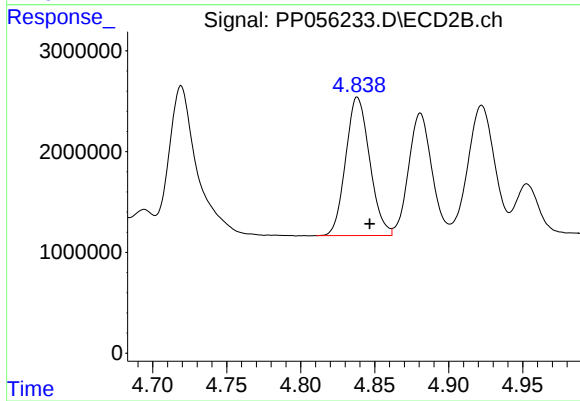
#17 AR-1242-2

R.T.: 4.662 min
Delta R.T.: -0.008 min
Response: 29239467
Conc: 555.13 ng/ml



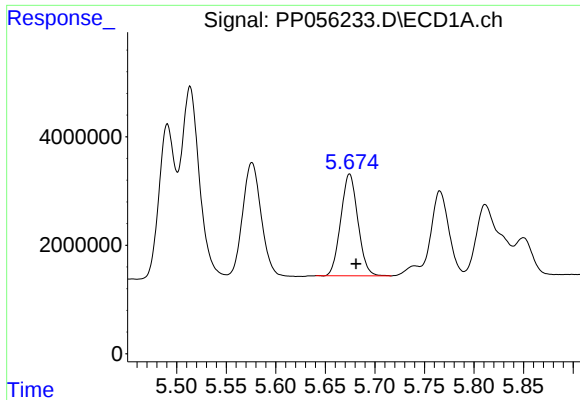
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 27827331
Conc: 623.73 ng/ml



#18 AR-1242-3

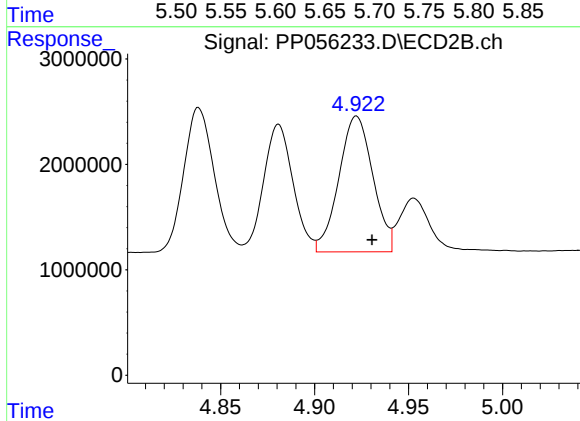
R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 15488357
Conc: 547.09 ng/ml



#19 AR-1242-4

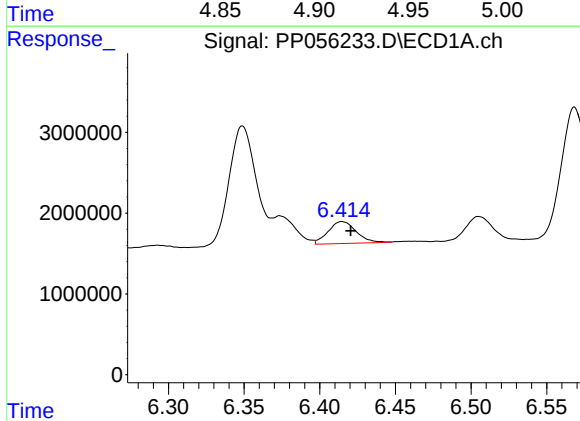
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 22521590
Conc: 623.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



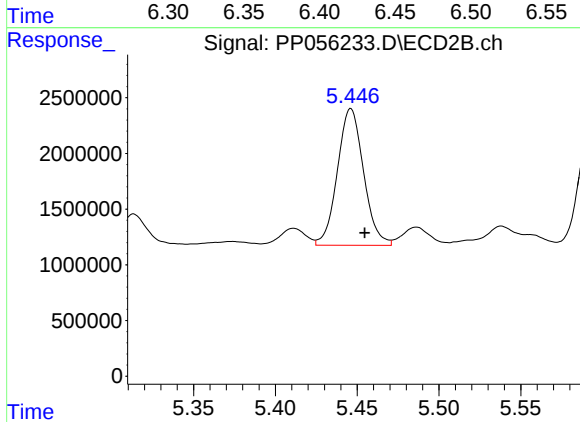
#19 AR-1242-4

R.T.: 4.922 min
Delta R.T.: -0.008 min
Response: 16239136
Conc: 526.34 ng/ml



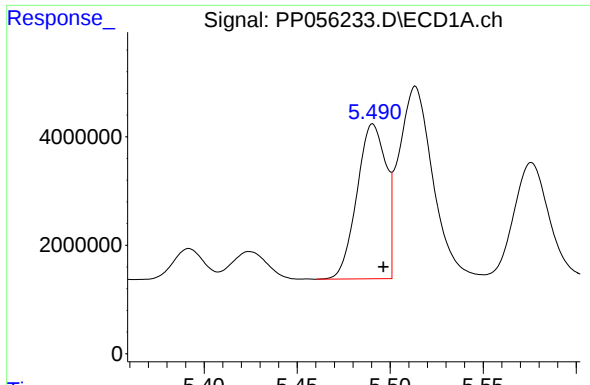
#20 AR-1242-5

R.T.: 6.415 min
Delta R.T.: -0.006 min
Response: 3526298
Conc: 84.18 ng/ml



#20 AR-1242-5

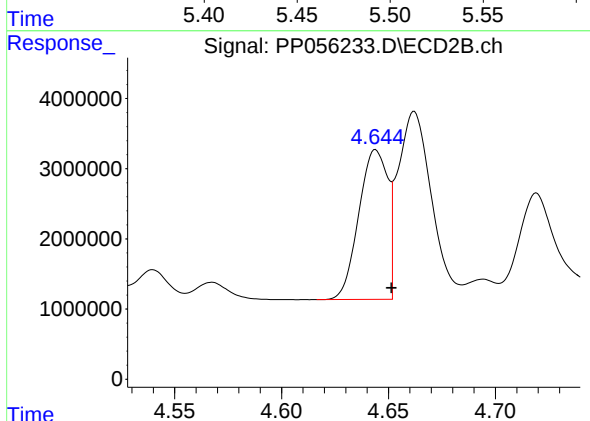
R.T.: 5.446 min
Delta R.T.: -0.008 min
Response: 13655840
Conc: 409.97 ng/ml



#21 AR-1248-1

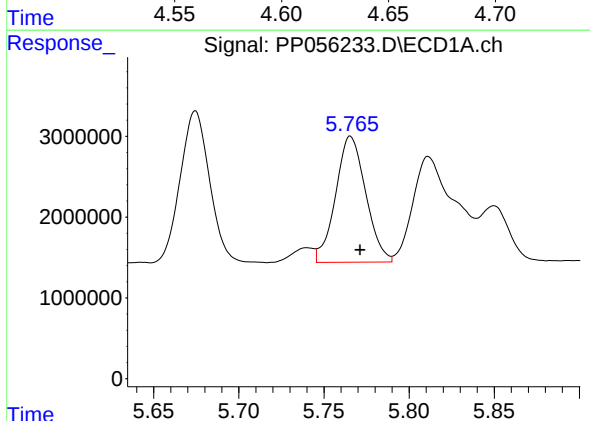
R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 31034154
Conc: 852.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



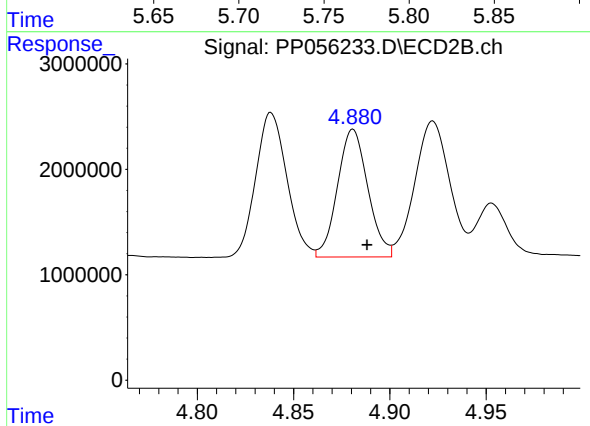
#21 AR-1248-1

R.T.: 4.644 min
Delta R.T.: -0.007 min
Response: 20063376
Conc: 718.39 ng/ml



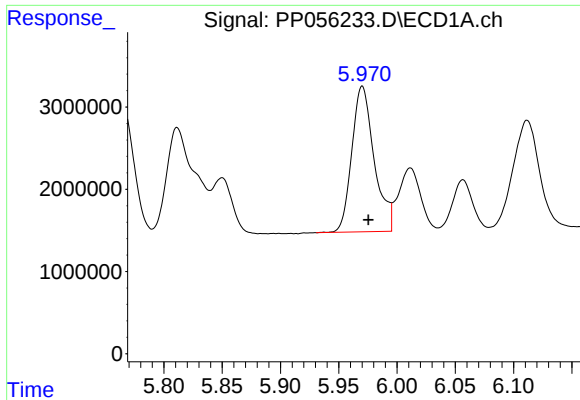
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 19223154
Conc: 334.10 ng/ml



#22 AR-1248-2

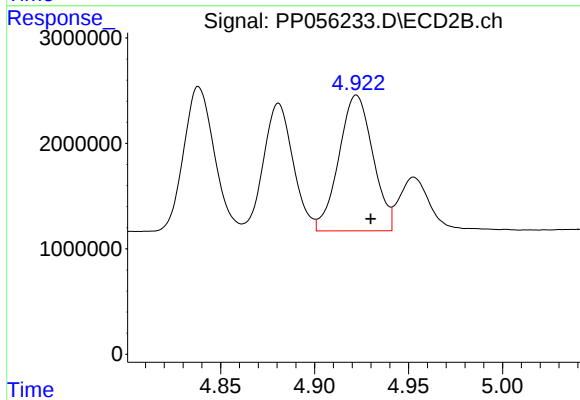
R.T.: 4.881 min
Delta R.T.: -0.007 min
Response: 13273075
Conc: 312.01 ng/ml



#23 AR-1248-3

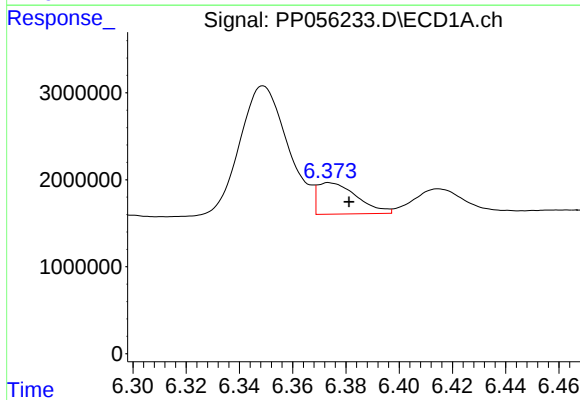
R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 23585561
Conc: 362.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



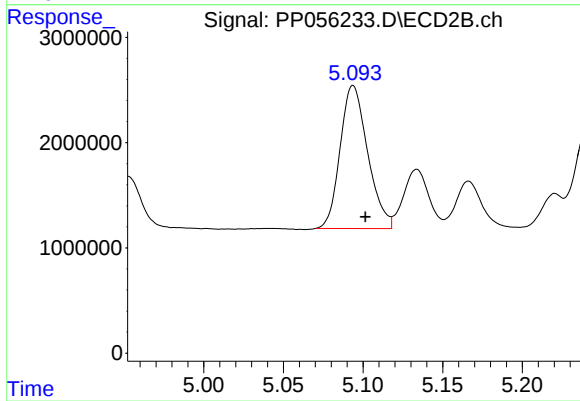
#23 AR-1248-3

R.T.: 4.922 min
Delta R.T.: -0.008 min
Response: 16239136
Conc: 364.91 ng/ml



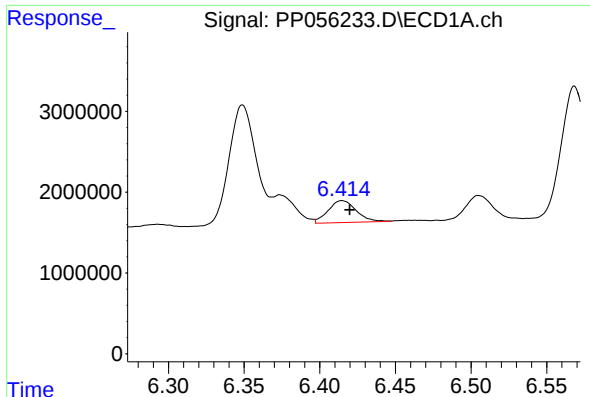
#24 AR-1248-4

R.T.: 6.374 min
Delta R.T.: -0.007 min
Response: 3717500
Conc: 51.24 ng/ml



#24 AR-1248-4

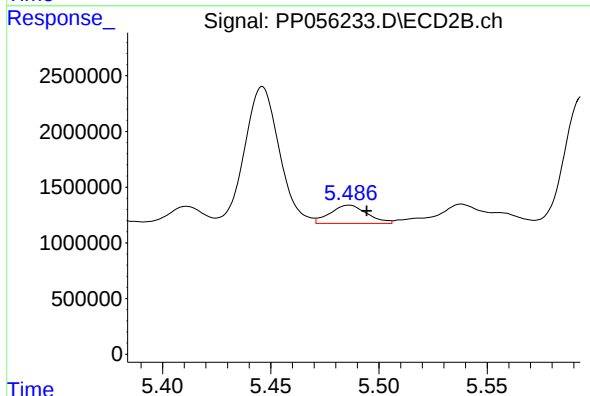
R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 16351803
Conc: 319.36 ng/ml



#25 AR-1248-5

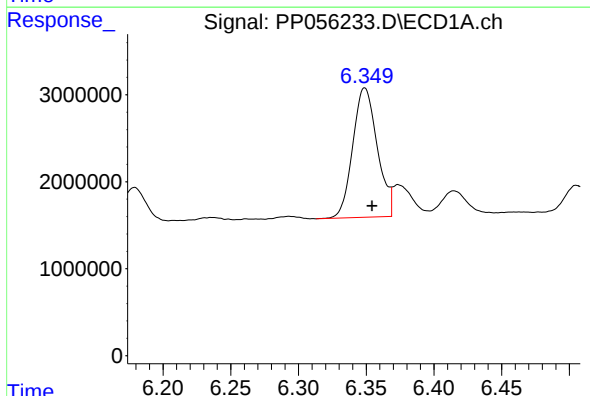
R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 3526298
Conc: 49.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



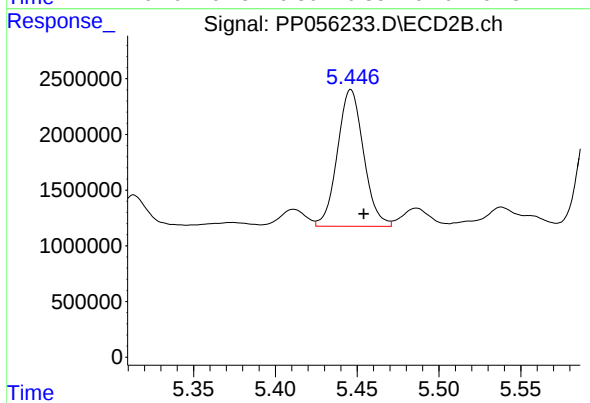
#25 AR-1248-5

R.T.: 5.486 min
Delta R.T.: -0.008 min
Response: 1942301
Conc: 44.07 ng/ml



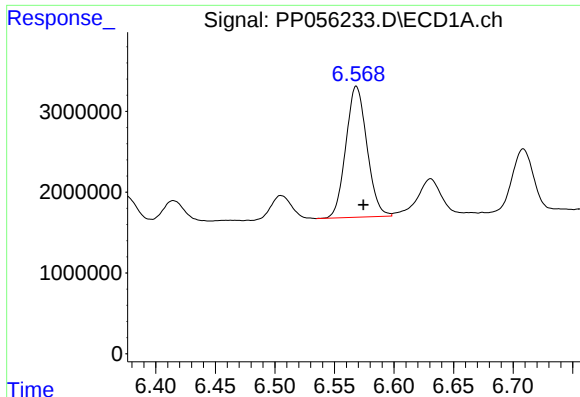
#26 AR-1254-1

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 18740633
Conc: 254.90 ng/ml



#26 AR-1254-1

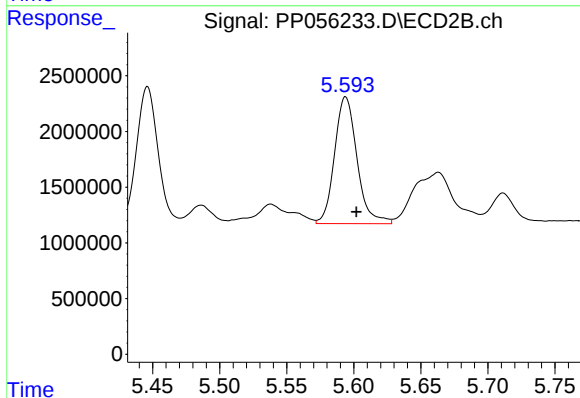
R.T.: 5.446 min
Delta R.T.: -0.008 min
Response: 13655840
Conc: 185.61 ng/ml



#27 AR-1254-2

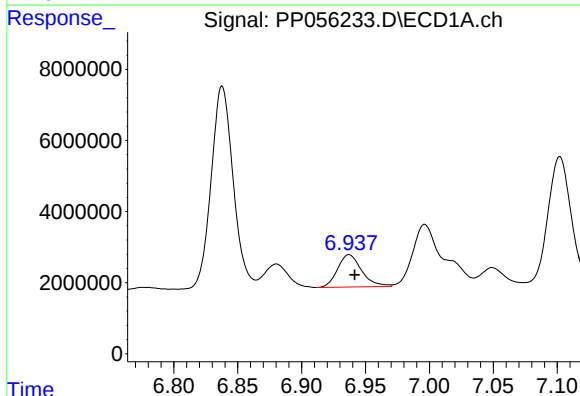
R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 19979877
Conc: 173.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



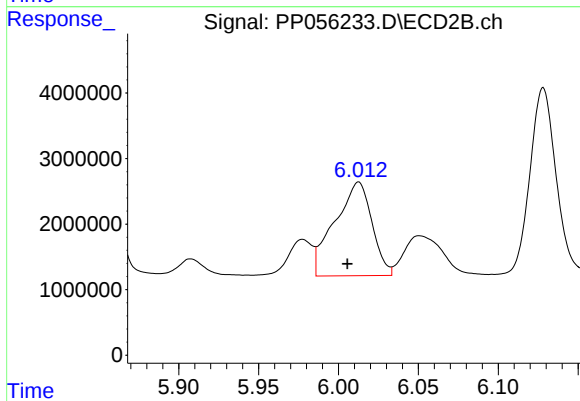
#27 AR-1254-2

R.T.: 5.594 min
Delta R.T.: -0.008 min
Response: 13283110
Conc: 211.12 ng/ml



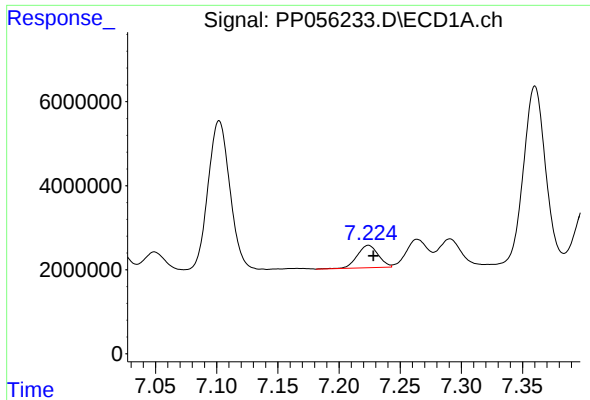
#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 11937175
Conc: 97.00 ng/ml



#28 AR-1254-3

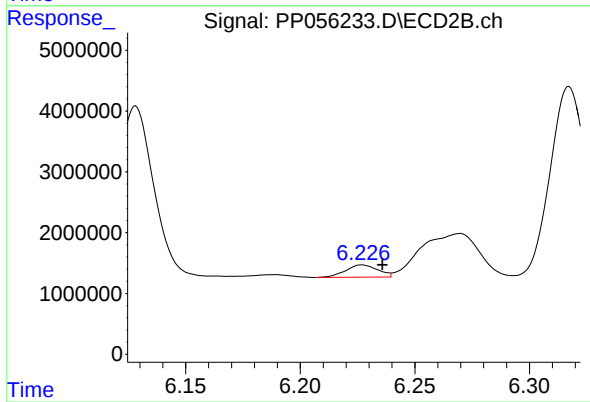
R.T.: 6.013 min
Delta R.T.: 0.007 min
Response: 23142721
Conc: 235.96 ng/ml



#29 AR-1254-4

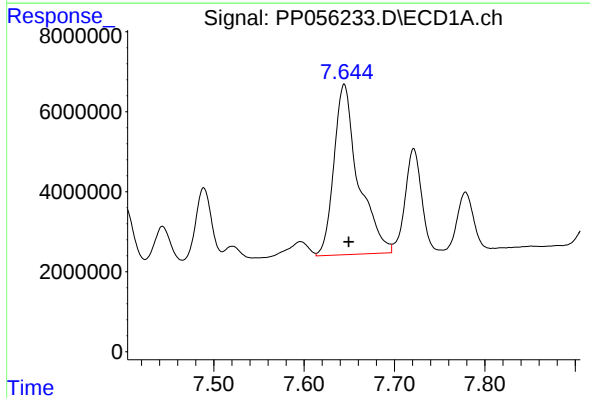
R.T.: 7.224 min
Delta R.T.: -0.004 min
Response: 6371304
Conc: 69.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



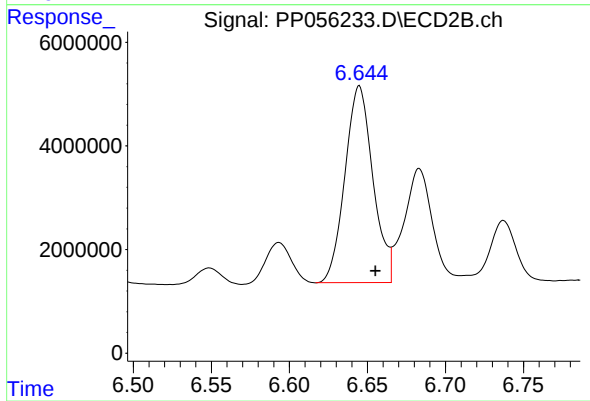
#29 AR-1254-4

R.T.: 6.227 min
Delta R.T.: -0.009 min
Response: 1973243
Conc: 35.85 ng/ml



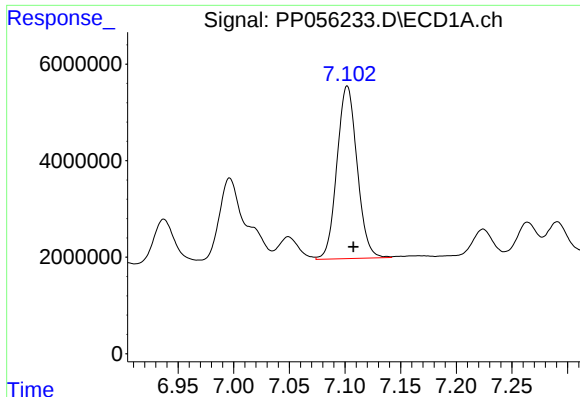
#30 AR-1254-5

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 79807971
Conc: 759.33 ng/ml



#30 AR-1254-5

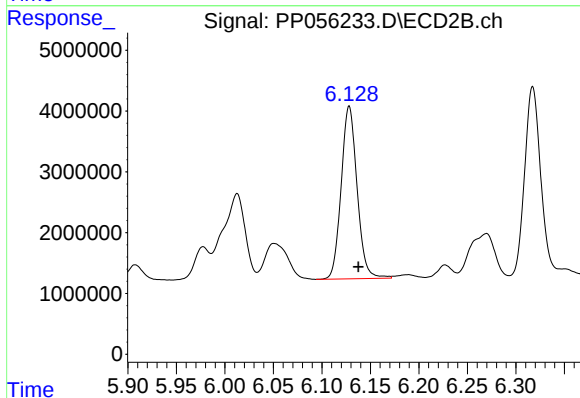
R.T.: 6.645 min
Delta R.T.: -0.010 min
Response: 47392566
Conc: 583.30 ng/ml



#31 AR-1260-1

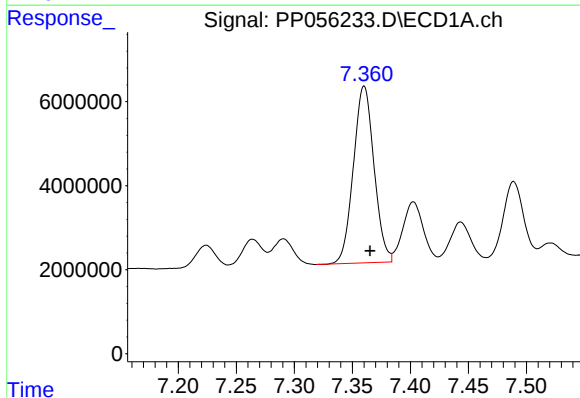
R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 45118660
Conc: 435.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



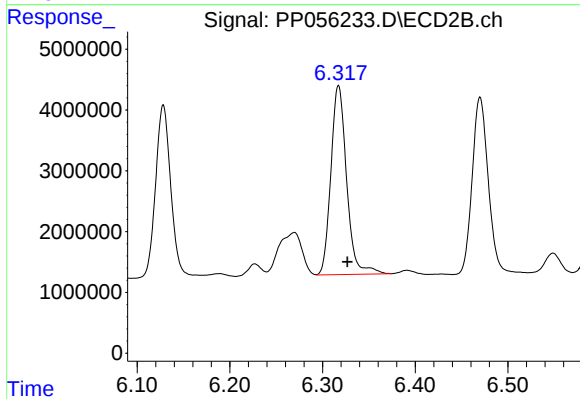
#31 AR-1260-1

R.T.: 6.128 min
Delta R.T.: -0.010 min
Response: 32443136
Conc: 445.03 ng/ml



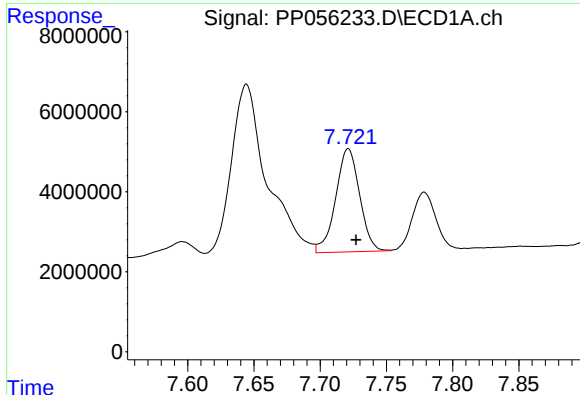
#32 AR-1260-2

R.T.: 7.360 min
Delta R.T.: -0.005 min
Response: 52028391
Conc: 413.67 ng/ml



#32 AR-1260-2

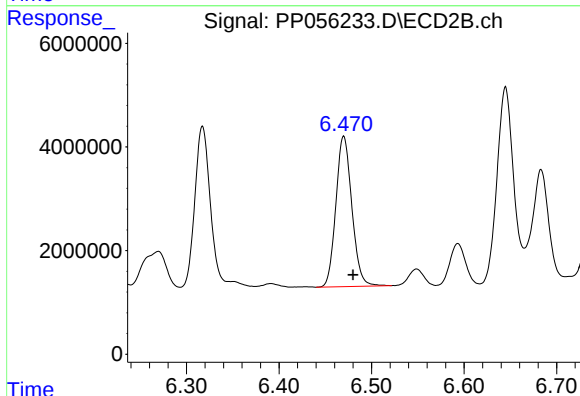
R.T.: 6.317 min
Delta R.T.: -0.010 min
Response: 36715933
Conc: 449.96 ng/ml



#33 AR-1260-3

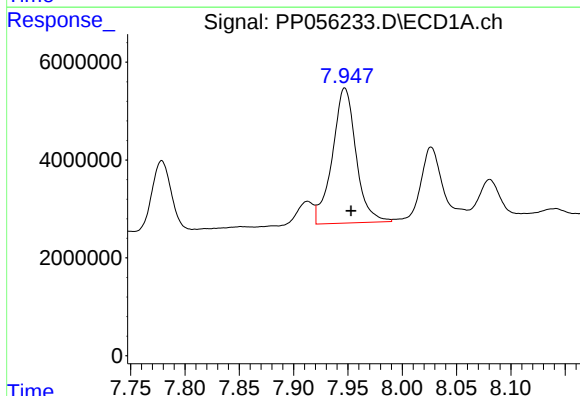
R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 32518651
Conc: 370.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



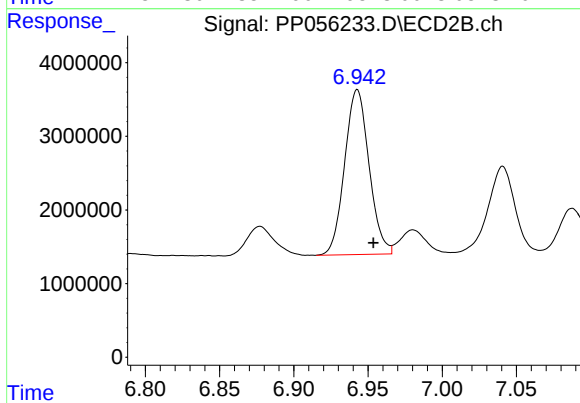
#33 AR-1260-3

R.T.: 6.470 min
Delta R.T.: -0.010 min
Response: 34891899
Conc: 412.89 ng/ml



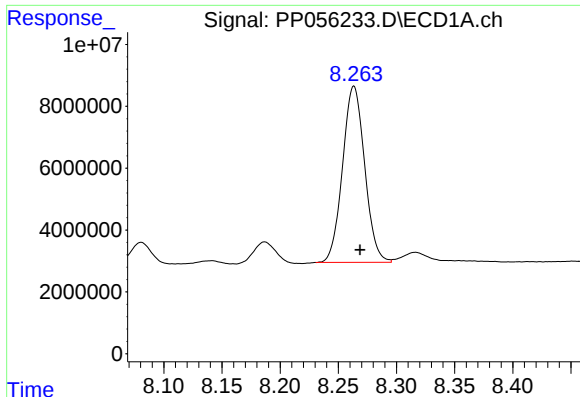
#34 AR-1260-4

R.T.: 7.947 min
Delta R.T.: -0.006 min
Response: 41850603
Conc: 389.40 ng/ml



#34 AR-1260-4

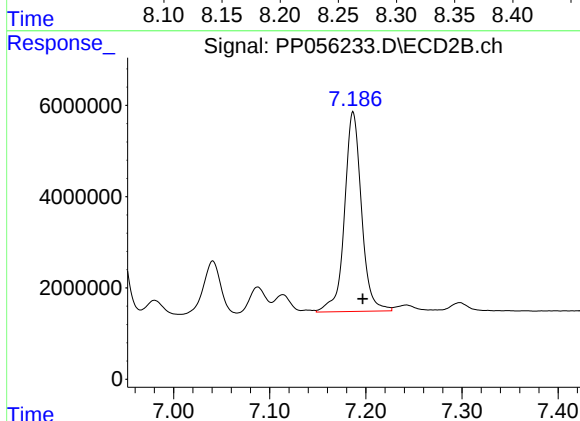
R.T.: 6.943 min
Delta R.T.: -0.011 min
Response: 25693571
Conc: 401.46 ng/ml



#35 AR-1260-5

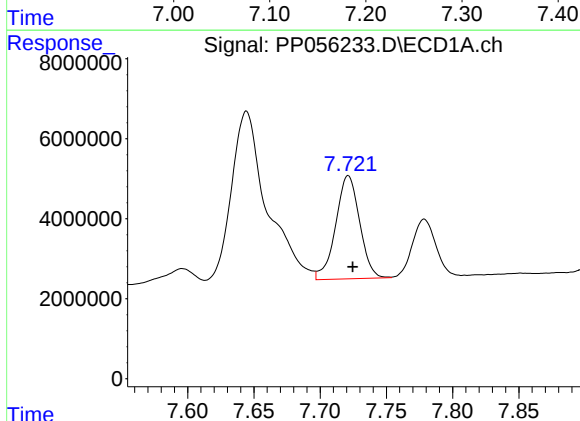
R.T.: 8.263 min
Delta R.T.: -0.005 min
Response: 75442796
Conc: 365.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



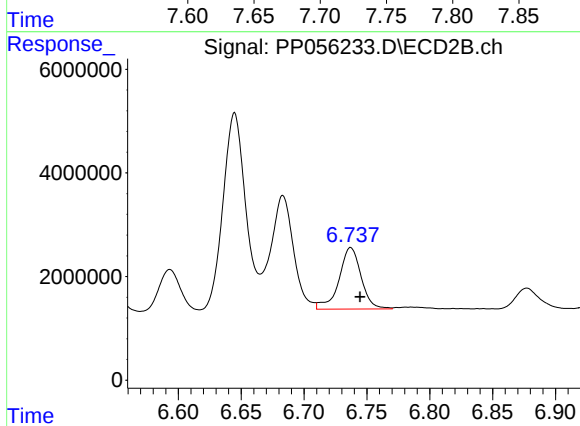
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: -0.010 min
Response: 53818052
Conc: 397.59 ng/ml



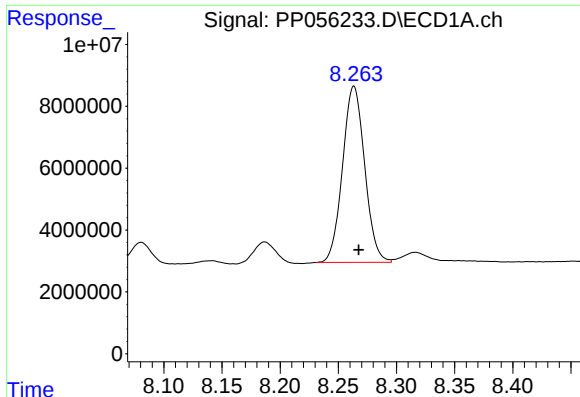
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 32518651
Conc: 275.63 ng/ml



#36 AR-1262-1

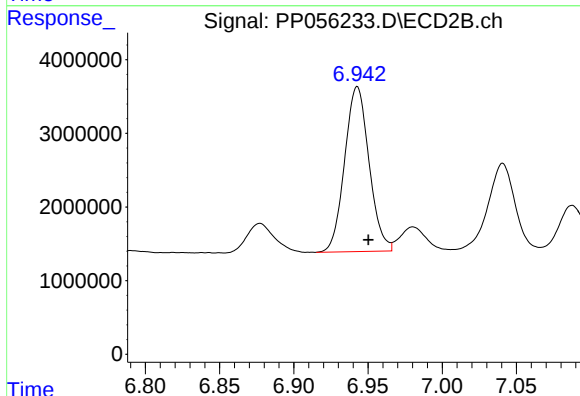
R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 14637826
Conc: 415.28 ng/ml



#37 AR-1262-2

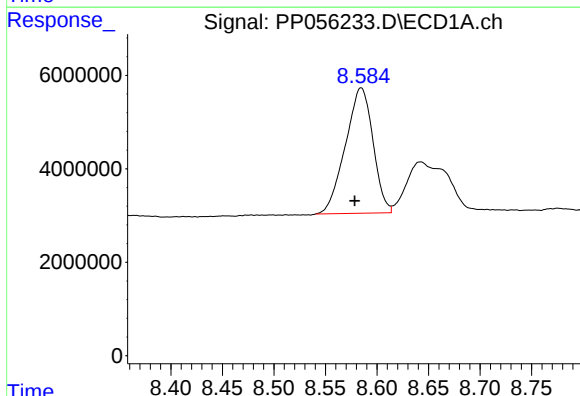
R.T.: 8.263 min
Delta R.T.: -0.004 min
Response: 75442796
Conc: 343.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



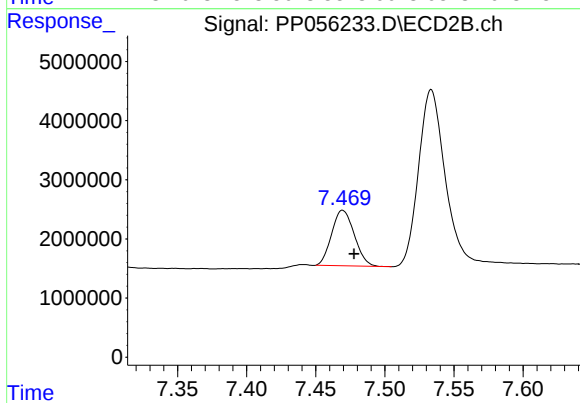
#37 AR-1262-2

R.T.: 6.943 min
Delta R.T.: -0.007 min
Response: 25693571
Conc: 346.03 ng/ml



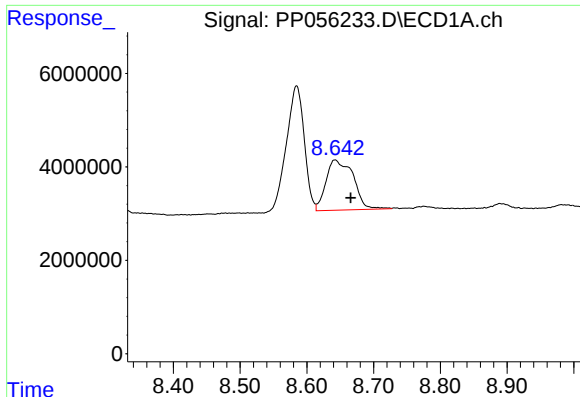
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.006 min
Response: 50005699
Conc: 327.09 ng/ml



#38 AR-1262-3

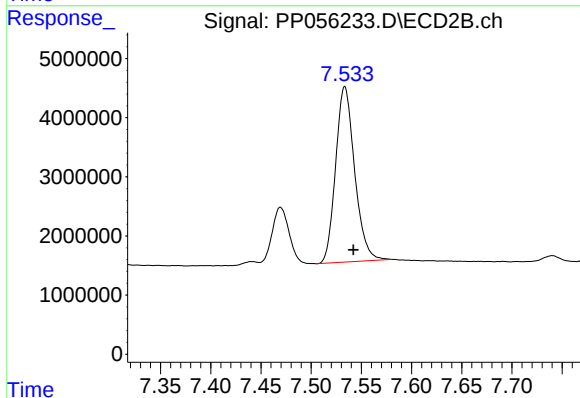
R.T.: 7.470 min
Delta R.T.: -0.008 min
Response: 10713393
Conc: 193.09 ng/ml



#39 AR-1262-4

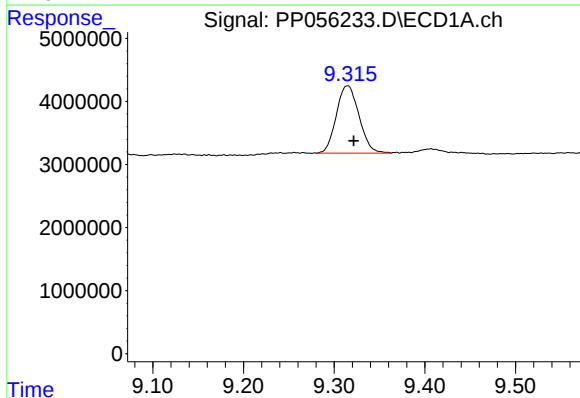
R.T.: 8.642 min
Delta R.T.: -0.024 min
Response: 30508093
Conc: 405.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



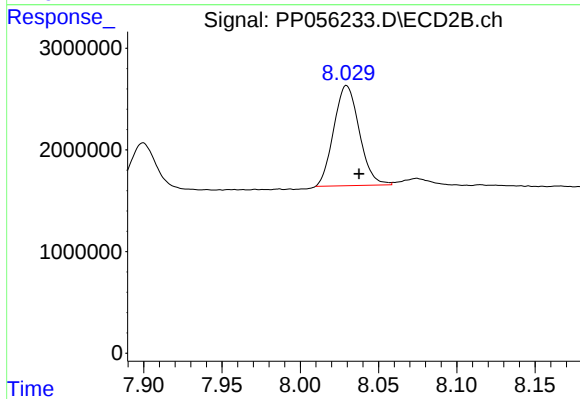
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: -0.009 min
Response: 39085819
Conc: 385.02 ng/ml



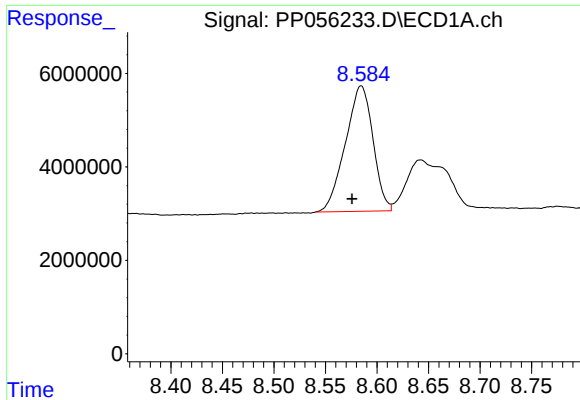
#40 AR-1262-5

R.T.: 9.315 min
Delta R.T.: -0.007 min
Response: 18529576
Conc: 224.75 ng/ml



#40 AR-1262-5

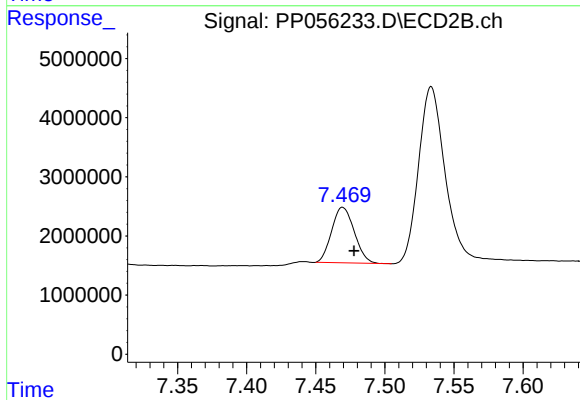
R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 11172816
Conc: 245.68 ng/ml



#41 AR-1268-1

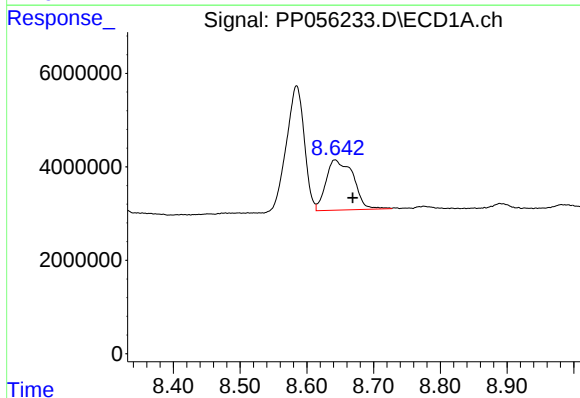
R.T.: 8.585 min
Delta R.T.: 0.009 min
Response: 50005699
Conc: 175.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



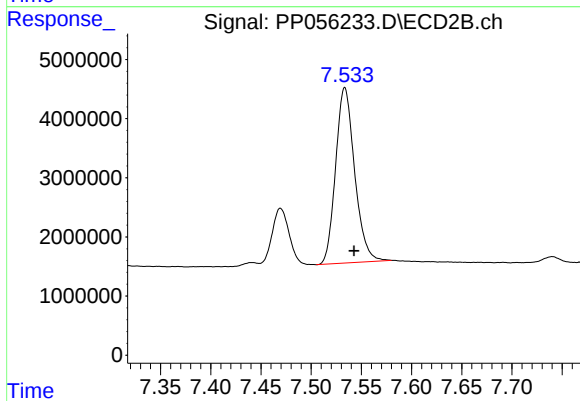
#41 AR-1268-1

R.T.: 7.470 min
Delta R.T.: -0.008 min
Response: 10713393
Conc: 63.72 ng/ml



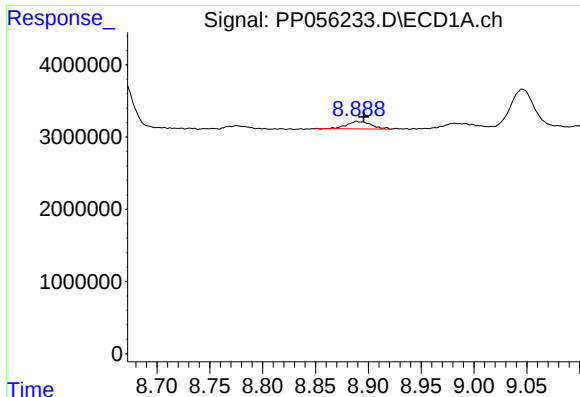
#42 AR-1268-2

R.T.: 8.642 min
Delta R.T.: -0.026 min
Response: 30508093
Conc: 114.42 ng/ml



#42 AR-1268-2

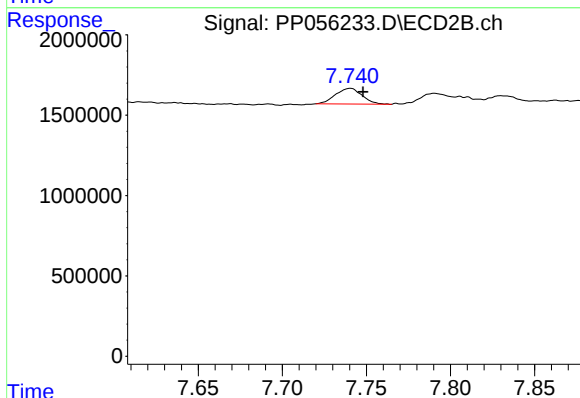
R.T.: 7.534 min
Delta R.T.: -0.009 min
Response: 39085819
Conc: 255.53 ng/ml



#43 AR-1268-3

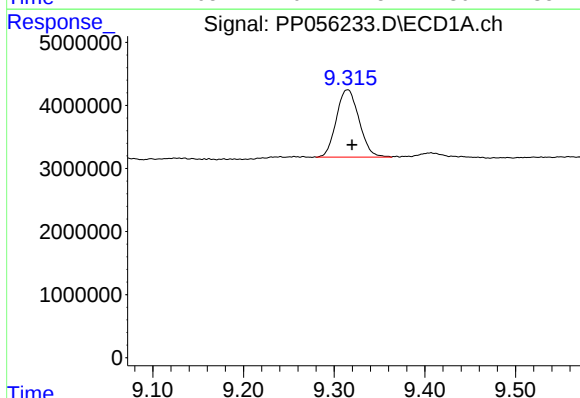
R.T.: 8.889 min
Delta R.T.: -0.007 min
Response: 1653556
Conc: 7.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



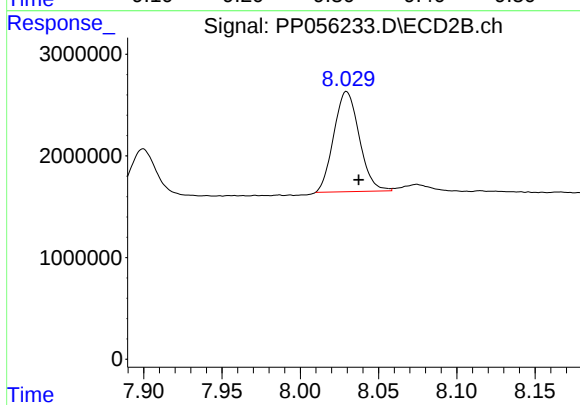
#43 AR-1268-3

R.T.: 7.740 min
Delta R.T.: -0.008 min
Response: 1076720
Conc: 7.85 ng/ml



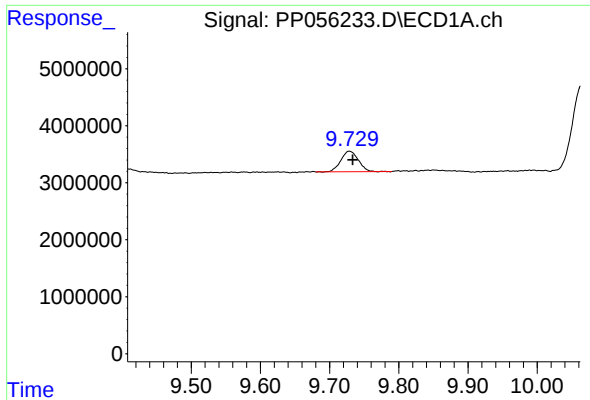
#44 AR-1268-4

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 18529576
Conc: 187.68 ng/ml



#44 AR-1268-4

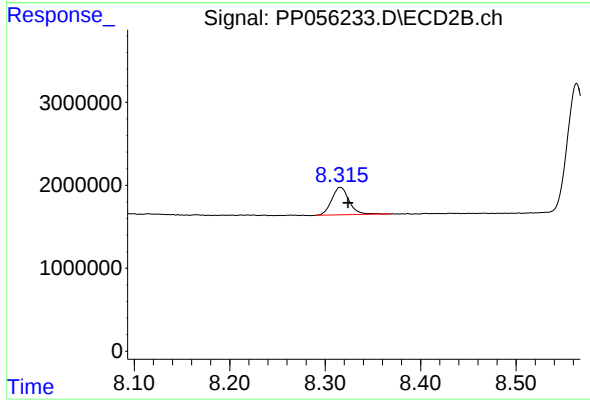
R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 11172816
Conc: 203.08 ng/ml



#45 AR-1268-5

R.T.: 9.729 min
Delta R.T.: -0.005 min
Response: 6338809
Conc: 8.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.316 min
Delta R.T.: -0.008 min
Response: 4229295
Conc: 10.49 ng/ml