

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011923\
 Data File : PP054724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2023 16:39
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:55:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.332	3.578	93782459	80893060	51.075	50.536
2)	SA Decachlor...	10.094	8.599	65621505	67912438	48.889	47.423
Target Compounds							
3)	L1 AR-1016-1	5.504	4.665	33658145	26129359	519.717	518.753
4)	L1 AR-1016-2	5.527	4.684	49052253	36490757	519.093	511.151
5)	L1 AR-1016-3	5.589	4.860	30864586	19929208	517.544	511.879
6)	L1 AR-1016-4	5.688	4.903	24892217	16943774	523.812	498.872
7)	L1 AR-1016-5	5.984	5.116	25608760	21863668	528.967	499.013
8)	L2 AR-1221-1	4.536	3.791	3299608	2923745	144.180	147.764
9)	L2 AR-1221-2	4.628	3.878	4999683	4185962	284.079	278.651
10)	L2 AR-1221-3	4.705	3.954	18672801	15996169	351.306	348.048
11)	L3 AR-1232-1	4.705	3.954	18672801	15996169	420.123	414.644
12)	L3 AR-1232-2	5.235	4.684	26466105	36490757	1097.866	1116.268
13)	L3 AR-1232-3	5.527	4.860	49052253	19929208	1138.110	1158.886
14)	L3 AR-1232-4	5.688	4.944	24892217	20738913	1159.782	1197.170
15)	L3 AR-1232-5	5.780	5.116	22973390	21863668	1335.227	1155.239
16)	L4 AR-1242-1	5.504	4.665	33658145	26129359	622.489	619.327
17)	L4 AR-1242-2	5.527	4.684	49052253	36490757	628.718	621.476
18)	L4 AR-1242-3	5.589	4.860	30864586	19929208	628.297	621.265
19)	L4 AR-1242-4	5.688	4.944	24892217	20738913	627.488	591.076
20)	L4 AR-1242-5	6.429	5.470	7379195	20526634	204.522	540.024 #
21)	L5 AR-1248-1	5.504	4.665	33658145	26129359	845.176	835.094
22)	L5 AR-1248-2	5.780	4.903	22973390	16943774	387.048	352.916
23)	L5 AR-1248-3	5.984	4.944	25608760	20738913	388.068	408.104
24)	L5 AR-1248-4	6.389	5.116	8581682	21863668	128.433	367.758 #
25)	L5 AR-1248-5	6.429	5.510	7379195	4686574	113.495	92.239
26)	L6 AR-1254-1	6.363	5.470	22663157	20526634	320.647	241.430
27)	L6 AR-1254-2	6.583	5.618	19765077	14889956	206.502	204.623
28)	L6 AR-1254-3	6.950	6.038	9093962	27132753	104.816	239.740 #
29)	L6 AR-1254-4	7.238	6.251	7214364	1814482	115.155	29.153 #
30)	L6 AR-1254-5	7.658	6.670	45269774	48176089	646.906	508.352
31)	L7 AR-1260-1	7.117	6.153	46508783	40106225	677.123	483.091 #
32)	L7 AR-1260-2	7.375	6.342	43229810	45537005	540.574	494.724
33)	L7 AR-1260-3	7.736	6.496	30097224	43590037	499.628	484.987
34)	L7 AR-1260-4	7.963	6.970	35855912	36331819	512.456	482.710
35)	L7 AR-1260-5	8.279	7.213	65805051	77078324	505.107	485.062
36)	L8 AR-1262-1	7.736	6.763	30097224	19832029	367.677	467.538 #
37)	L8 AR-1262-2	8.279	6.970	65805051	36331819	464.793	395.153
38)	L8 AR-1262-3	8.602	7.498	44524957	18774782	431.880	261.337 #
39)	L8 AR-1262-4	8.679	7.561	13032718	57205573	262.147	442.376 #
40)	L8 AR-1262-5	9.337	8.058	19579220	20356057	343.755	341.661
41)	L9 AR-1268-1	8.602	7.498	44524957	18774782	241.415	86.835 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

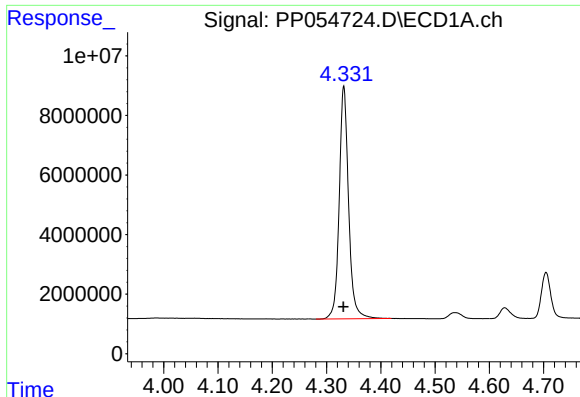
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:55:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.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	8.679	7.561	13032718	57205573	76.891	292.040 #
43) L9	AR-1268-3	8.911	7.770	941402	992799	6.320	5.610
44) L9	AR-1268-4	9.337	8.058	19579220	20356057	303.295	300.954
45) L9	AR-1268-5	9.754	8.347	5841776	6232183	12.104	12.113

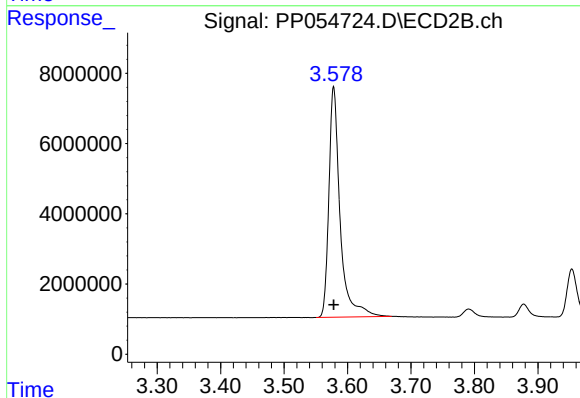
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

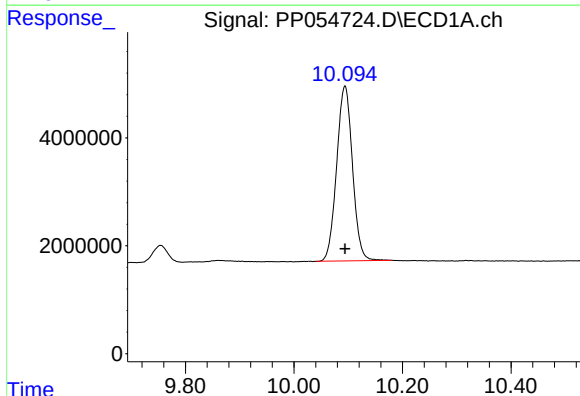
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 93782459
Conc: 51.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



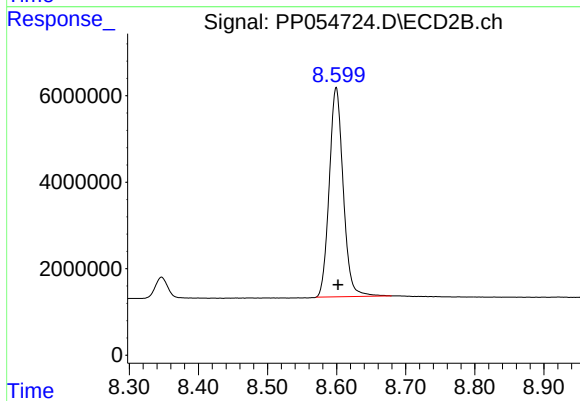
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 80893060
Conc: 50.54 ng/ml



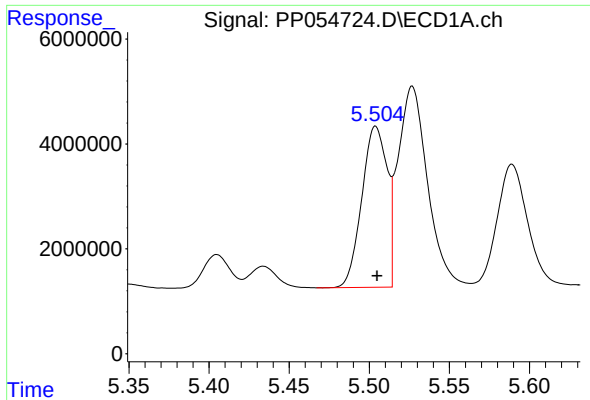
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.000 min
Response: 65621505
Conc: 48.89 ng/ml



#2 Decachlorobiphenyl

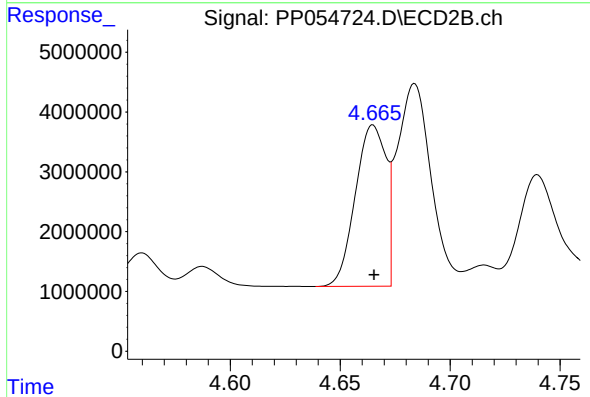
R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 67912438
Conc: 47.42 ng/ml



#3 AR-1016-1

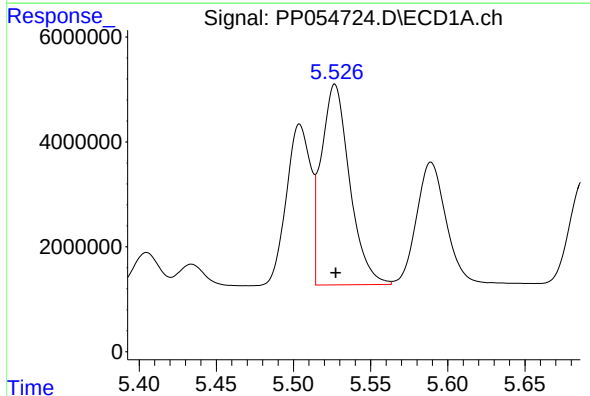
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 33658145
Conc: 519.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



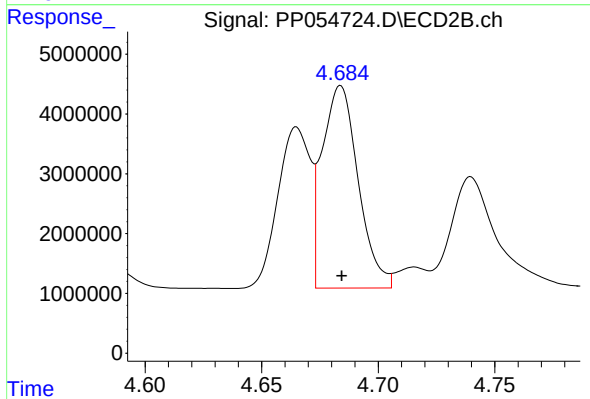
#3 AR-1016-1

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 26129359
Conc: 518.75 ng/ml



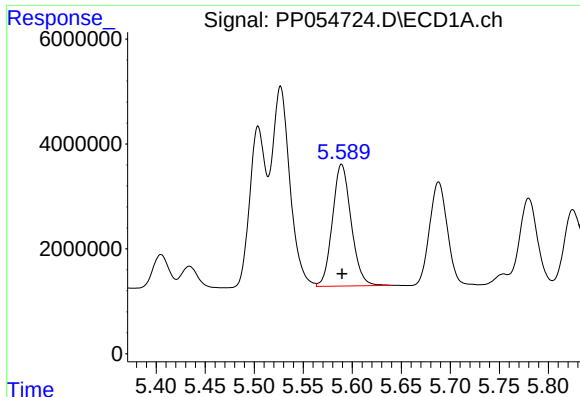
#4 AR-1016-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 49052253
Conc: 519.09 ng/ml



#4 AR-1016-2

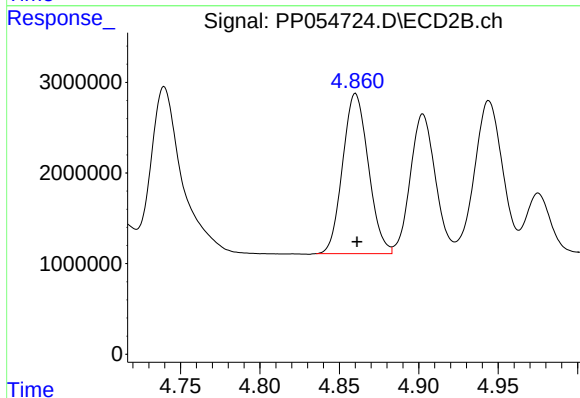
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 36490757
Conc: 511.15 ng/ml



#5 AR-1016-3

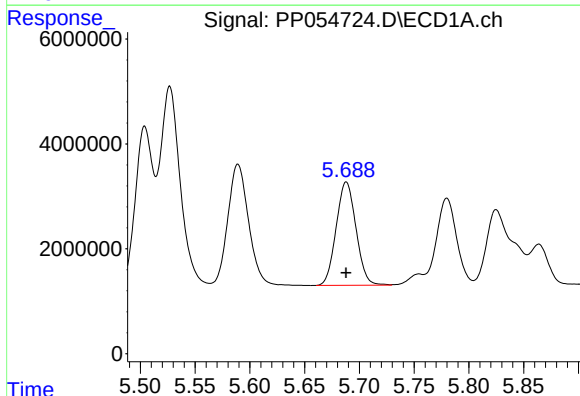
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 30864586
Conc: 517.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



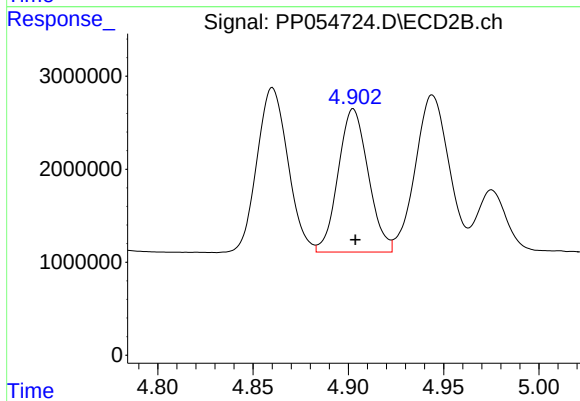
#5 AR-1016-3

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 19929208
Conc: 511.88 ng/ml



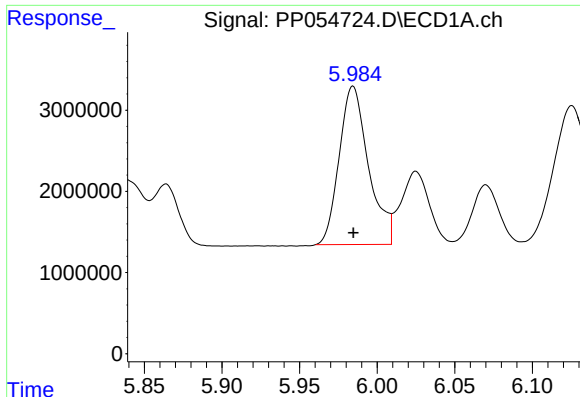
#6 AR-1016-4

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 24892217
Conc: 523.81 ng/ml



#6 AR-1016-4

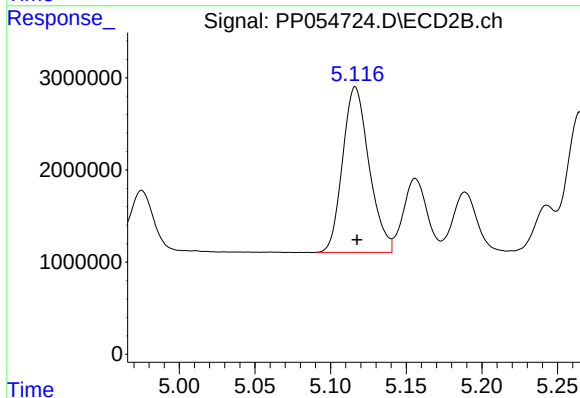
R.T.: 4.903 min
Delta R.T.: -0.001 min
Response: 16943774
Conc: 498.87 ng/ml



#7 AR-1016-5

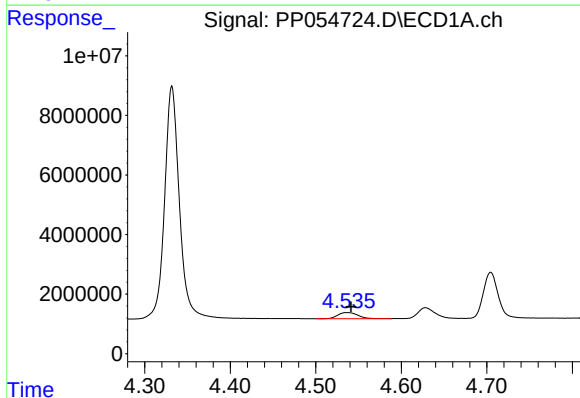
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 25608760
Conc: 528.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



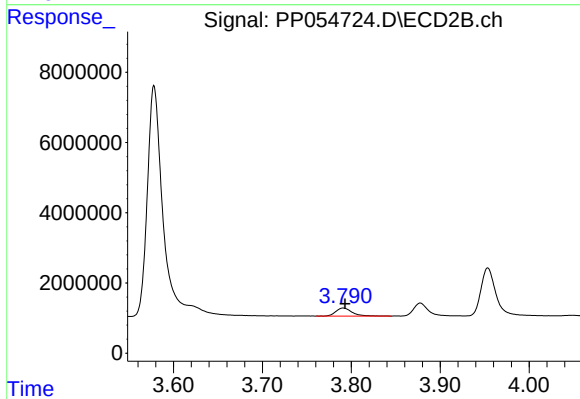
#7 AR-1016-5

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 21863668
Conc: 499.01 ng/ml



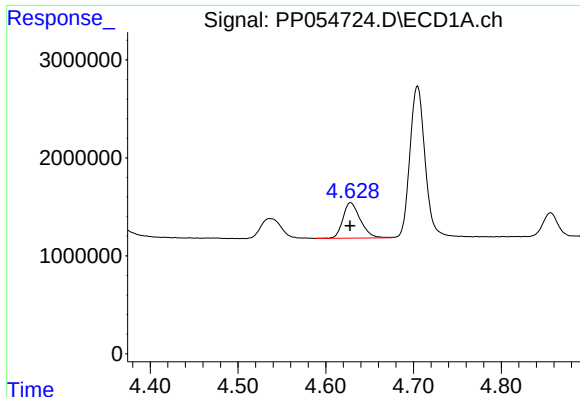
#8 AR-1221-1

R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 3299608
Conc: 144.18 ng/ml



#8 AR-1221-1

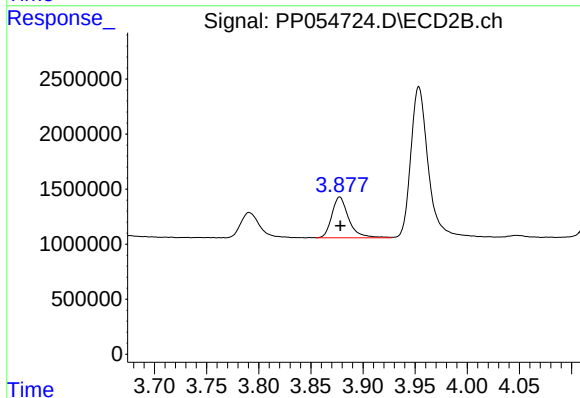
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 2923745
Conc: 147.76 ng/ml



#9 AR-1221-2

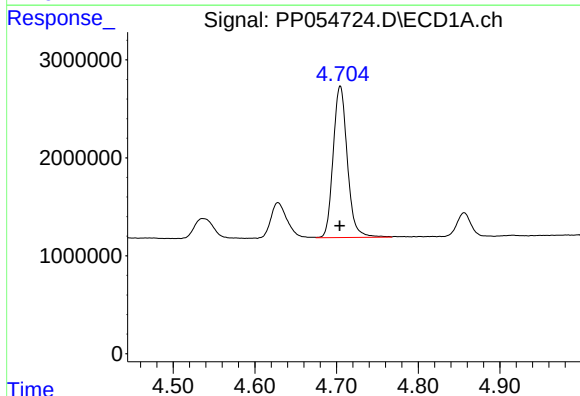
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 4999683
Conc: 284.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



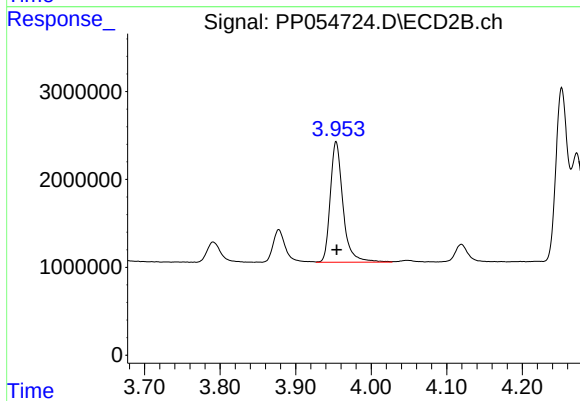
#9 AR-1221-2

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 4185962
Conc: 278.65 ng/ml



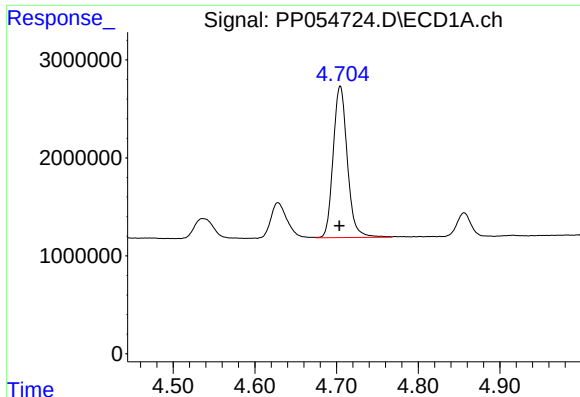
#10 AR-1221-3

R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 18672801
Conc: 351.31 ng/ml



#10 AR-1221-3

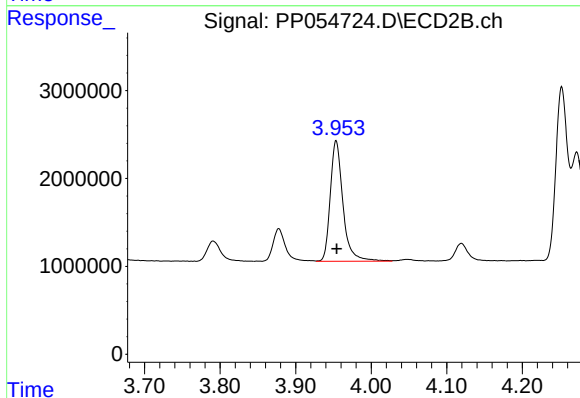
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 15996169
Conc: 348.05 ng/ml



#11 AR-1232-1

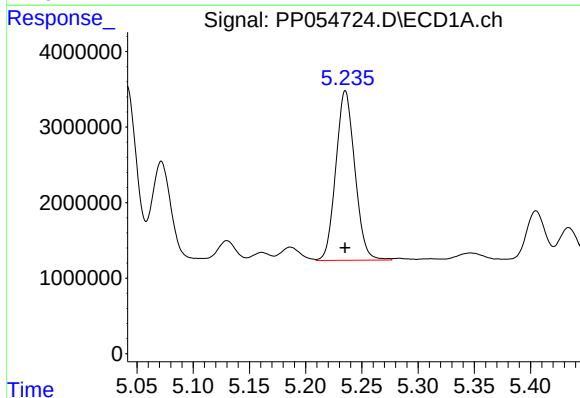
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 18672801
Conc: 420.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



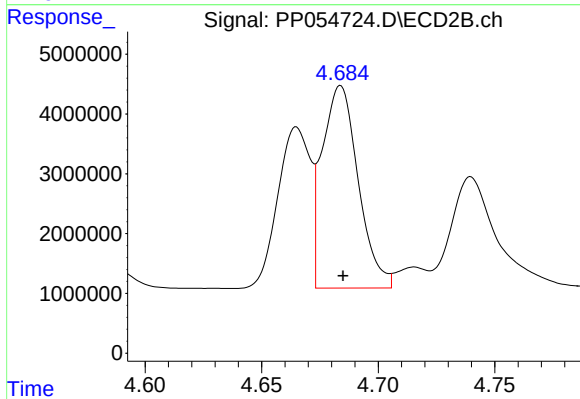
#11 AR-1232-1

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 15996169
Conc: 414.64 ng/ml



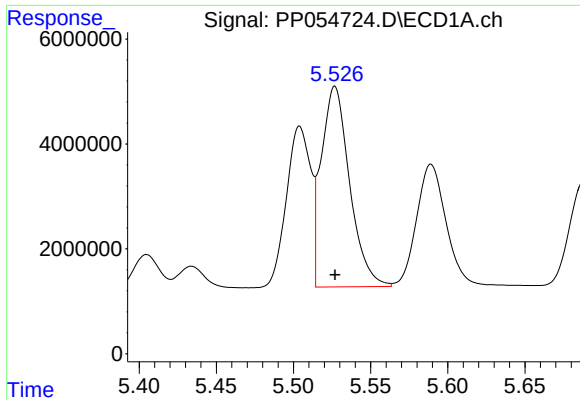
#12 AR-1232-2

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 26466105
Conc: 1097.87 ng/ml



#12 AR-1232-2

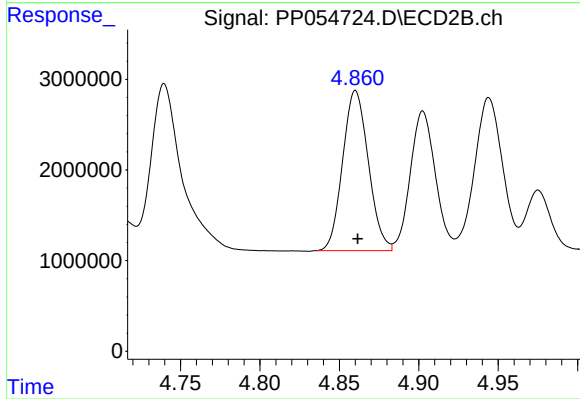
R.T.: 4.684 min
Delta R.T.: -0.001 min
Response: 36490757
Conc: 1116.27 ng/ml



#13 AR-1232-3

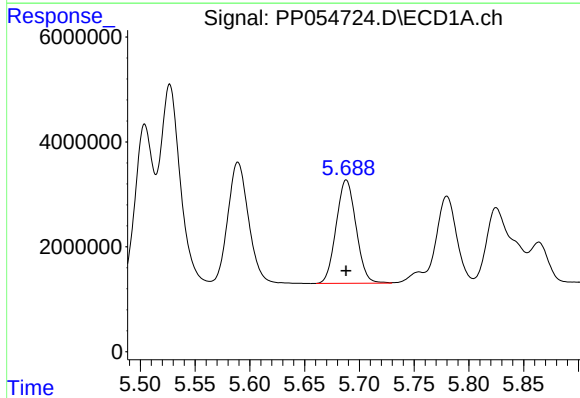
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 49052253
Conc: 1138.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



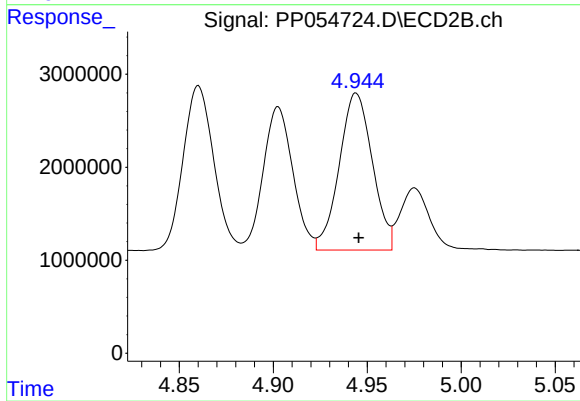
#13 AR-1232-3

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 19929208
Conc: 1158.89 ng/ml



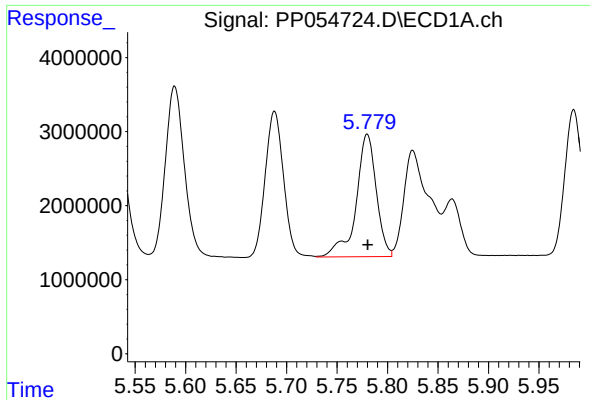
#14 AR-1232-4

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 24892217
Conc: 1159.78 ng/ml



#14 AR-1232-4

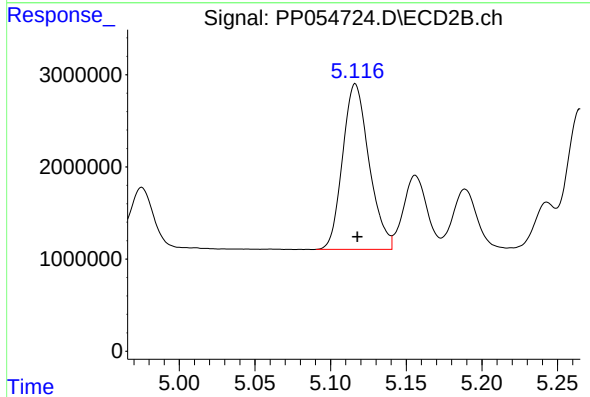
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 20738913
Conc: 1197.17 ng/ml



#15 AR-1232-5

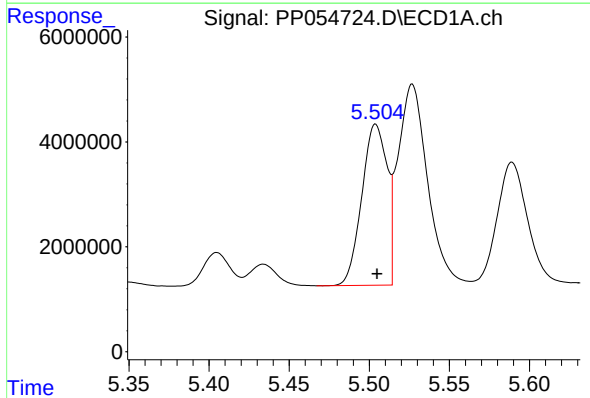
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 22973390
Conc: 1335.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



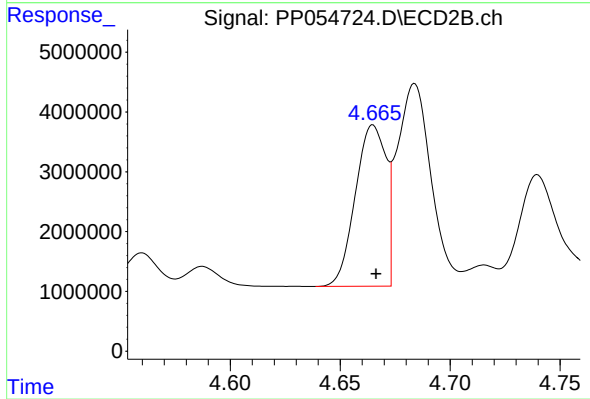
#15 AR-1232-5

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 21863668
Conc: 1155.24 ng/ml



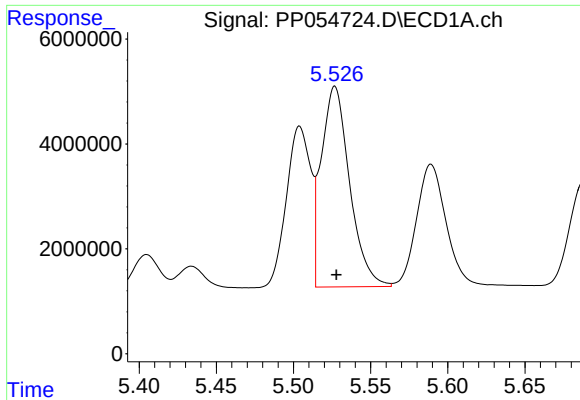
#16 AR-1242-1

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 33658145
Conc: 622.49 ng/ml



#16 AR-1242-1

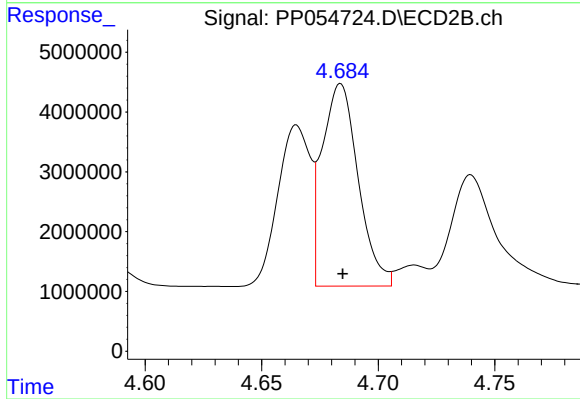
R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 26129359
Conc: 619.33 ng/ml



#17 AR-1242-2

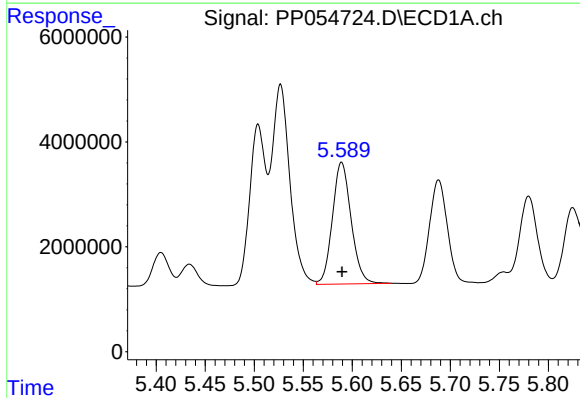
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 49052253
Conc: 628.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



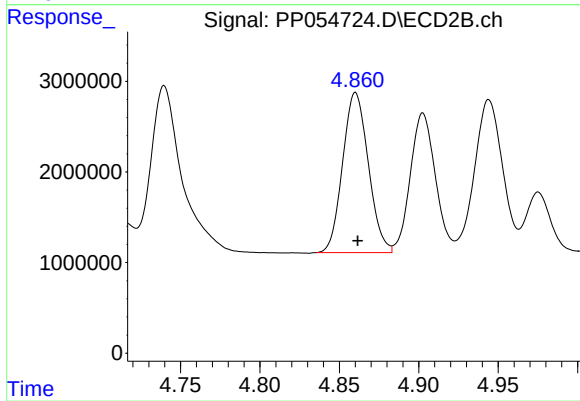
#17 AR-1242-2

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 36490757
Conc: 621.48 ng/ml



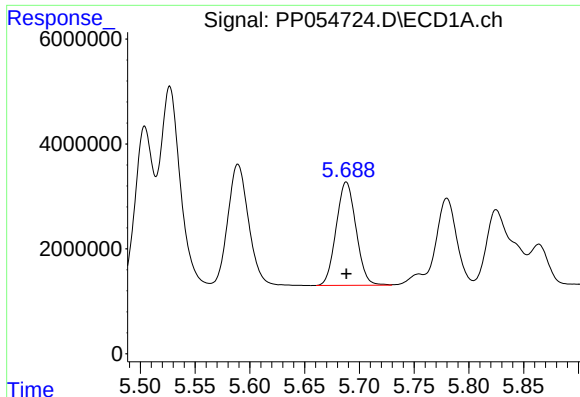
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 30864586
Conc: 628.30 ng/ml



#18 AR-1242-3

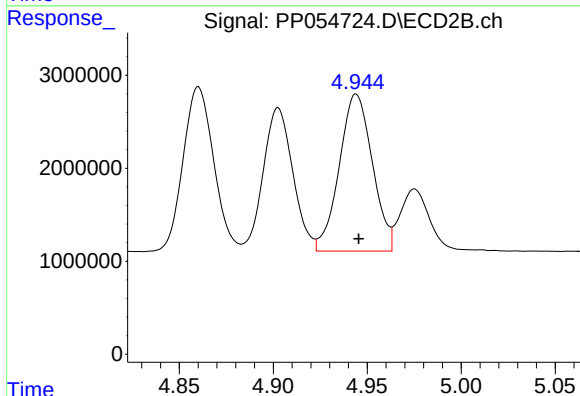
R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 19929208
Conc: 621.26 ng/ml



#19 AR-1242-4

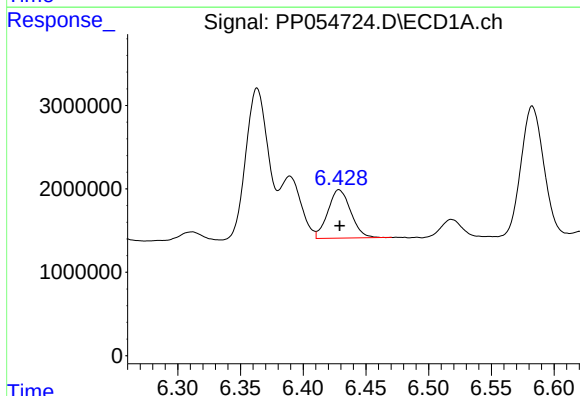
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 24892217
Conc: 627.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



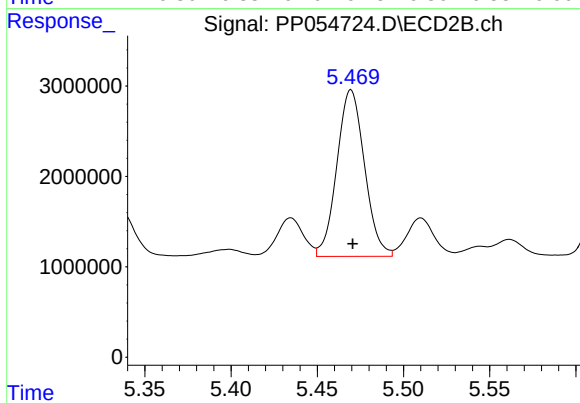
#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 20738913
Conc: 591.08 ng/ml



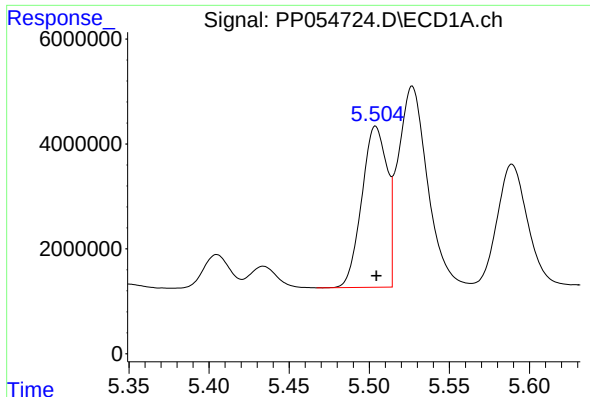
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 7379195
Conc: 204.52 ng/ml



#20 AR-1242-5

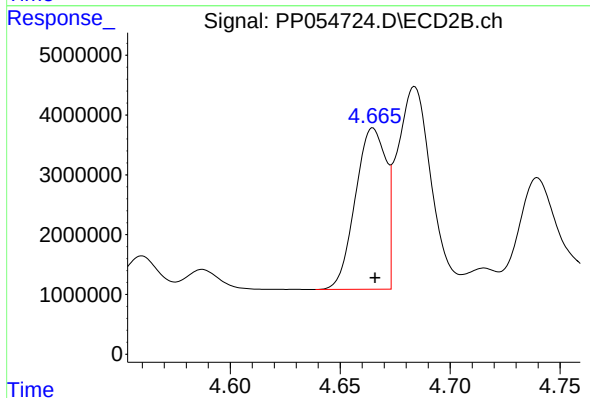
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 20526634
Conc: 540.02 ng/ml



#21 AR-1248-1

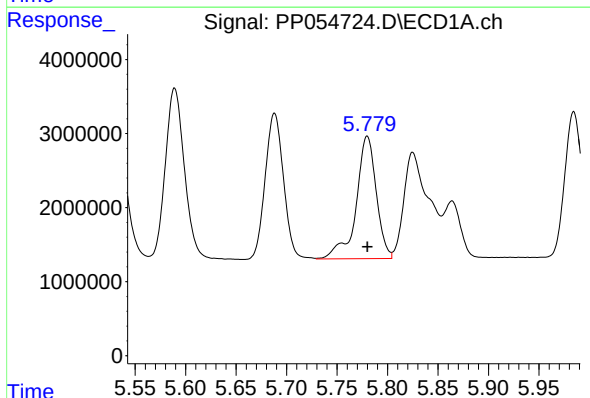
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 33658145
Conc: 845.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



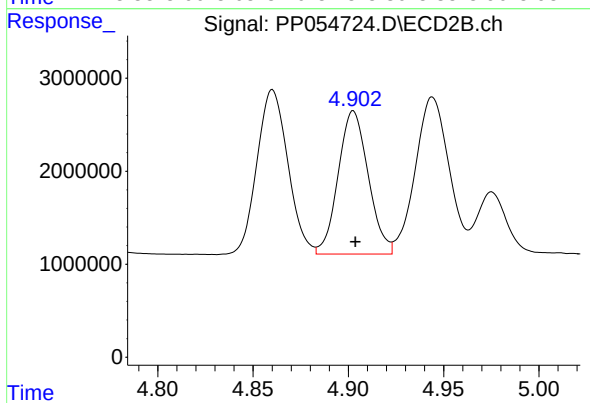
#21 AR-1248-1

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 26129359
Conc: 835.09 ng/ml



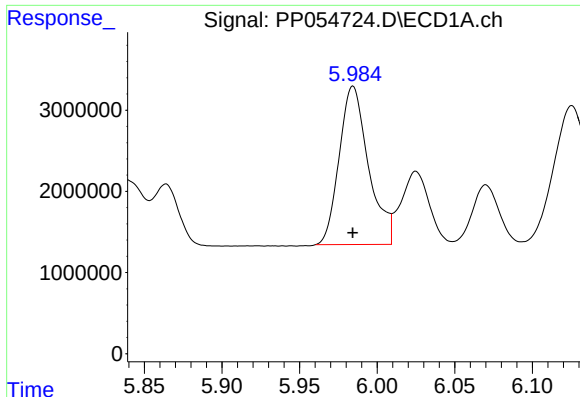
#22 AR-1248-2

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 22973390
Conc: 387.05 ng/ml



#22 AR-1248-2

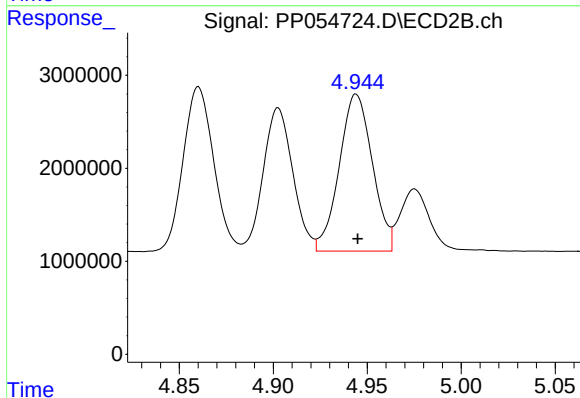
R.T.: 4.903 min
Delta R.T.: -0.001 min
Response: 16943774
Conc: 352.92 ng/ml



#23 AR-1248-3

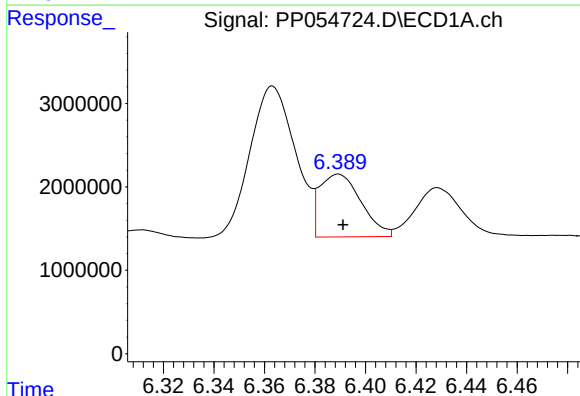
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 25608760
Conc: 388.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



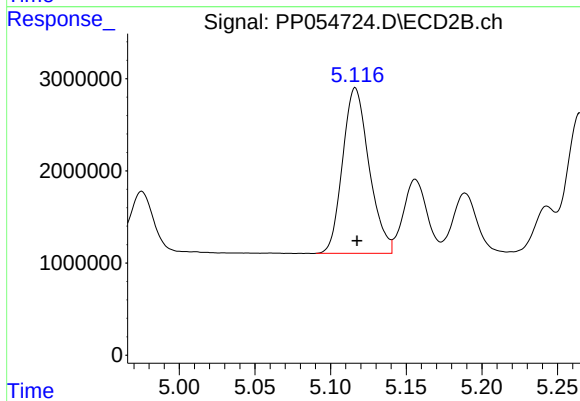
#23 AR-1248-3

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 20738913
Conc: 408.10 ng/ml



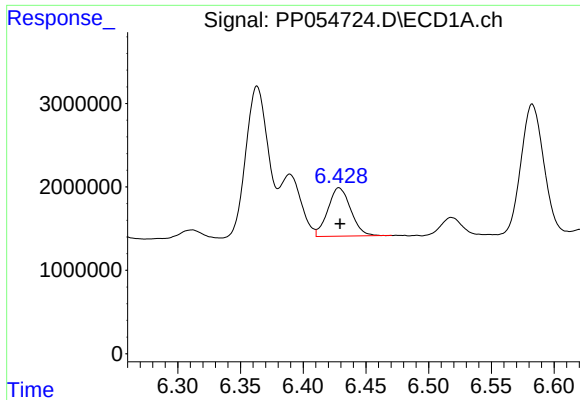
#24 AR-1248-4

R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 8581682
Conc: 128.43 ng/ml



#24 AR-1248-4

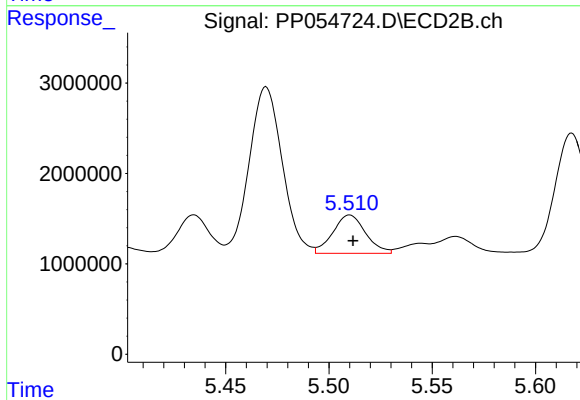
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 21863668
Conc: 367.76 ng/ml



#25 AR-1248-5

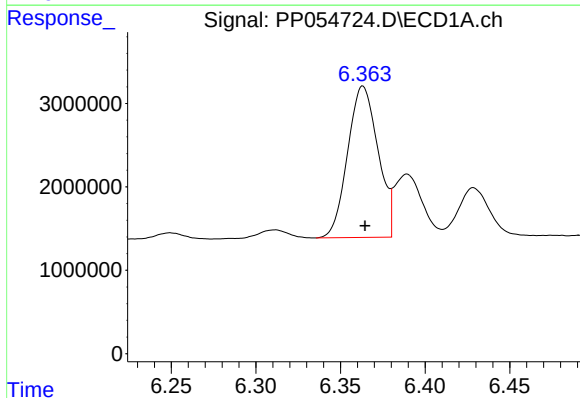
R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 7379195
Conc: 113.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



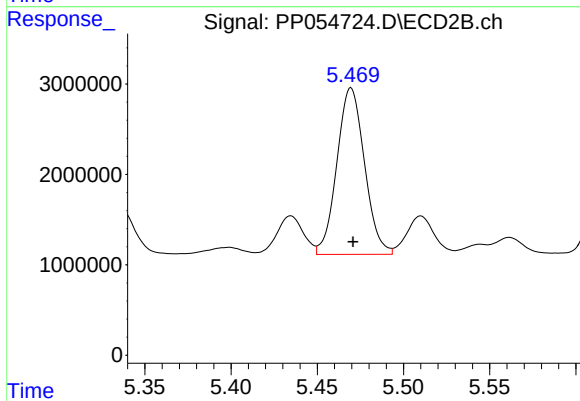
#25 AR-1248-5

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 4686574
Conc: 92.24 ng/ml



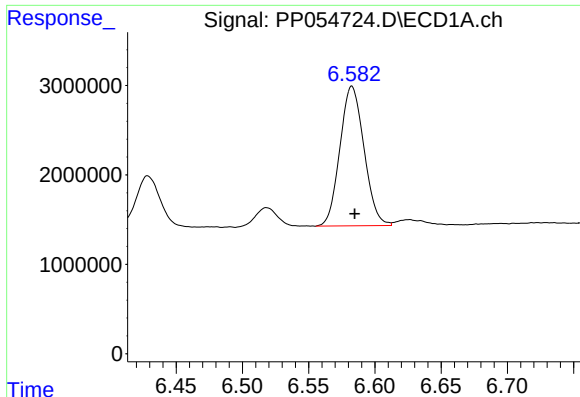
#26 AR-1254-1

R.T.: 6.363 min
Delta R.T.: -0.001 min
Response: 22663157
Conc: 320.65 ng/ml



#26 AR-1254-1

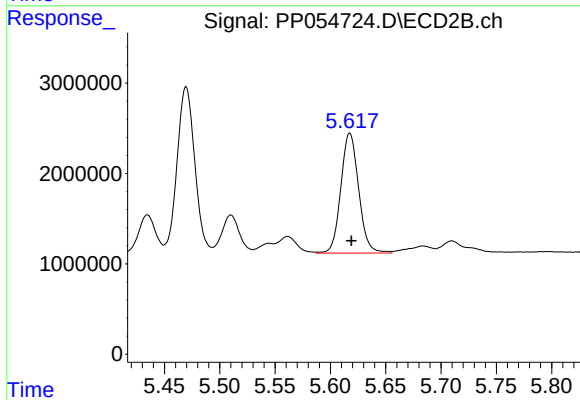
R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 20526634
Conc: 241.43 ng/ml



#27 AR-1254-2

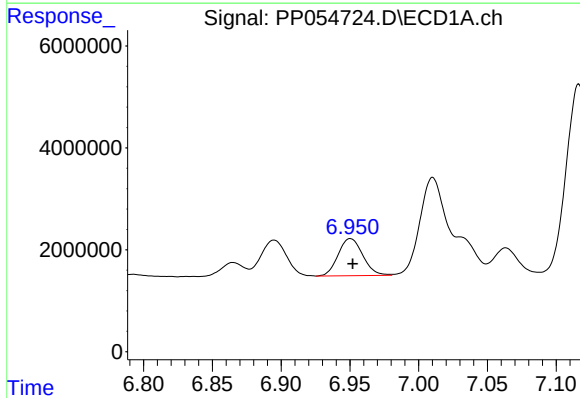
R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 19765077
Conc: 206.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



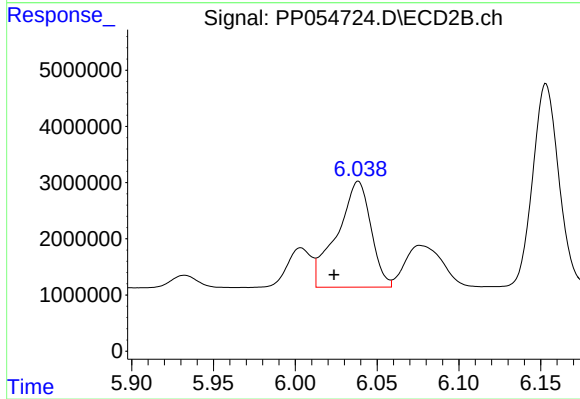
#27 AR-1254-2

R.T.: 5.618 min
Delta R.T.: -0.001 min
Response: 14889956
Conc: 204.62 ng/ml



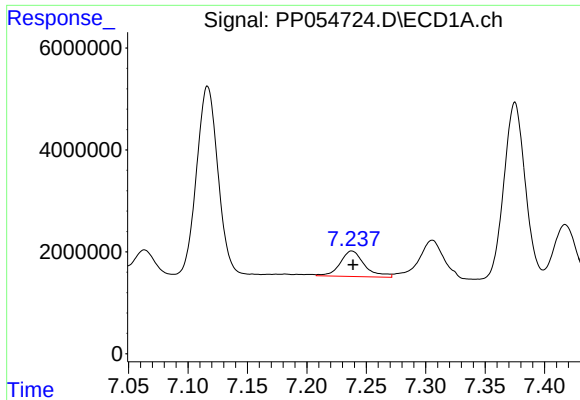
#28 AR-1254-3

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 9093962
Conc: 104.82 ng/ml



#28 AR-1254-3

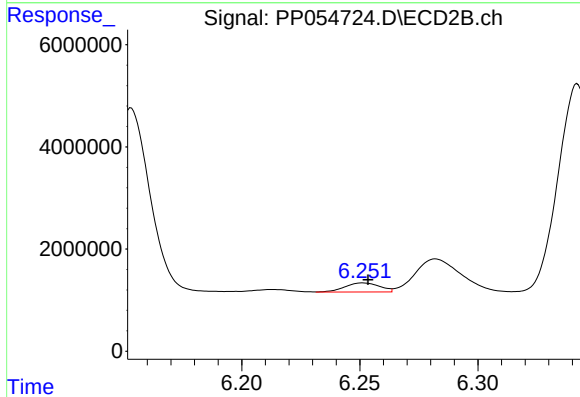
R.T.: 6.038 min
Delta R.T.: 0.015 min
Response: 27132753
Conc: 239.74 ng/ml



#29 AR-1254-4

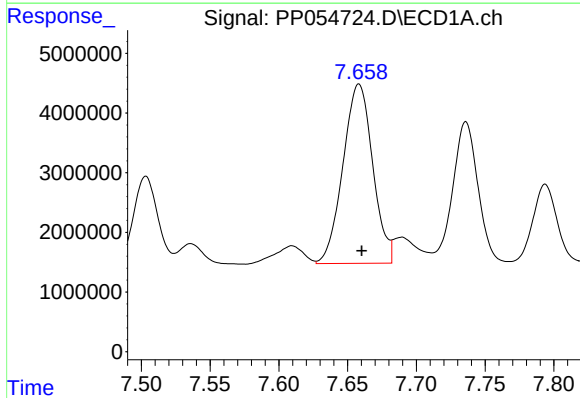
R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 7214364
Conc: 115.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



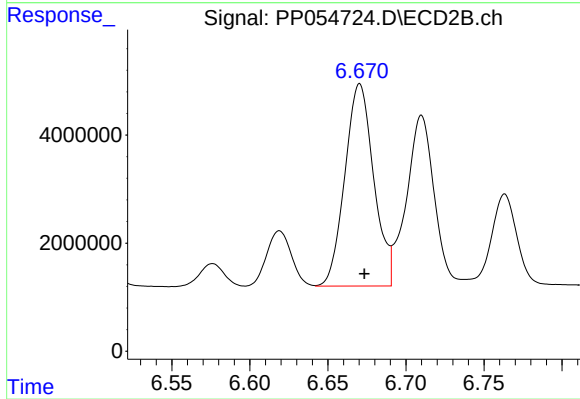
#29 AR-1254-4

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 1814482
Conc: 29.15 ng/ml



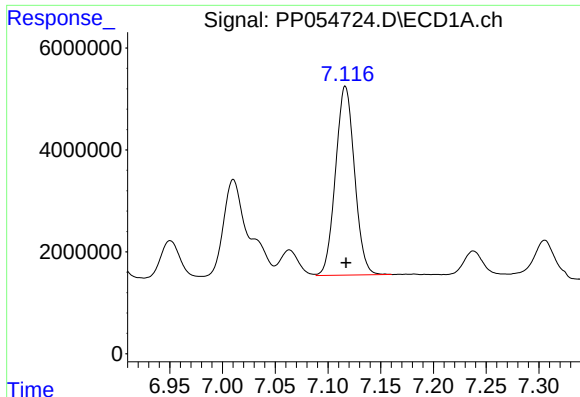
#30 AR-1254-5

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 45269774
Conc: 646.91 ng/ml



#30 AR-1254-5

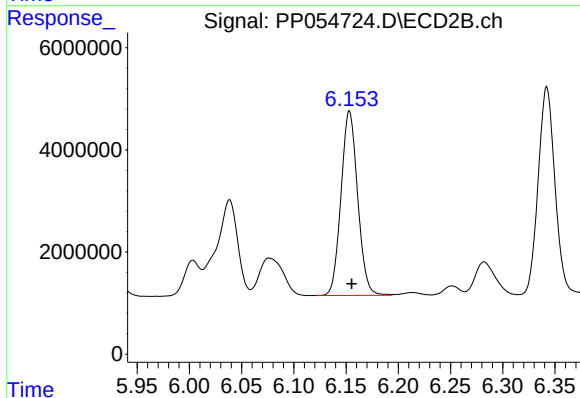
R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 48176089
Conc: 508.35 ng/ml



#31 AR-1260-1

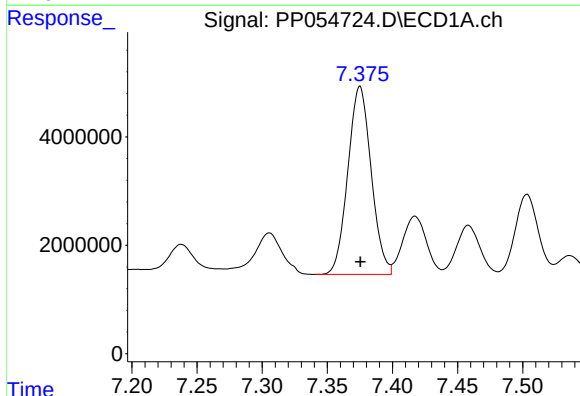
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 46508783
Conc: 677.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



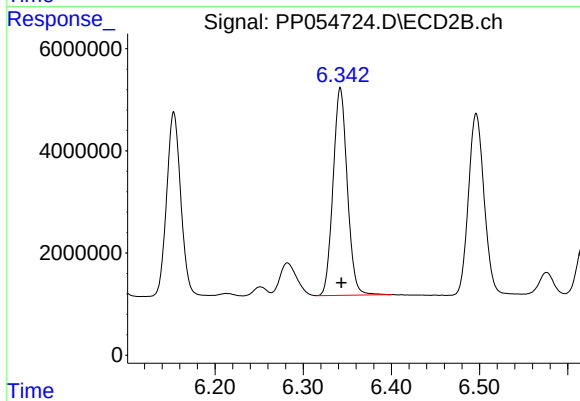
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 40106225
Conc: 483.09 ng/ml



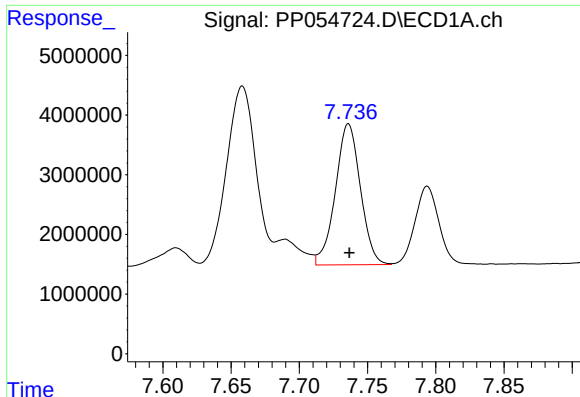
#32 AR-1260-2

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 43229810
Conc: 540.57 ng/ml



#32 AR-1260-2

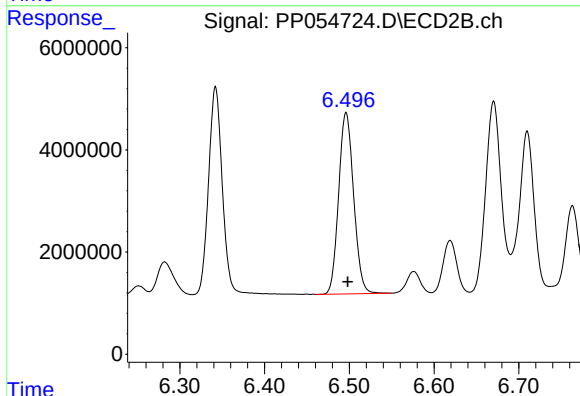
R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 45537005
Conc: 494.72 ng/ml



#33 AR-1260-3

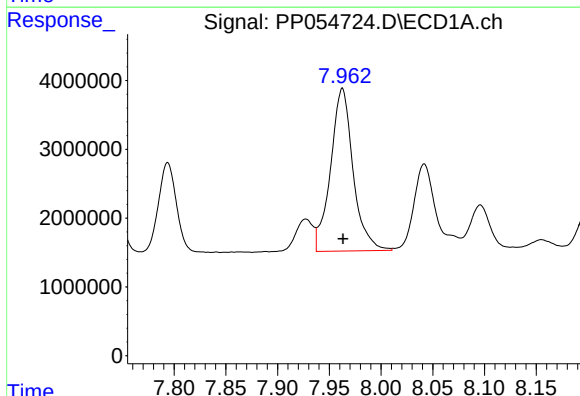
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 30097224
Conc: 499.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



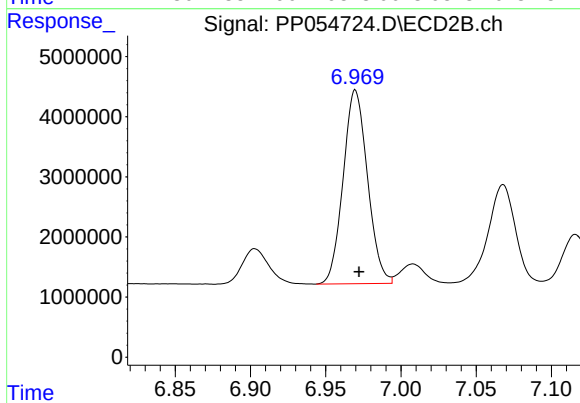
#33 AR-1260-3

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 43590037
Conc: 484.99 ng/ml



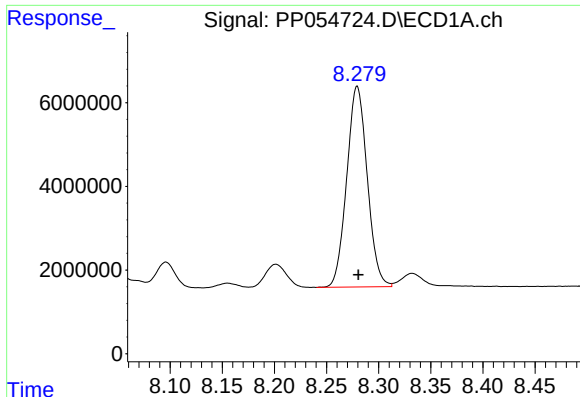
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 35855912
Conc: 512.46 ng/ml



#34 AR-1260-4

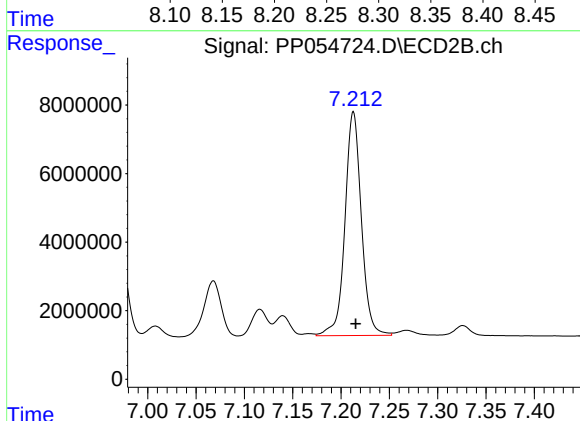
R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 36331819
Conc: 482.71 ng/ml



#35 AR-1260-5

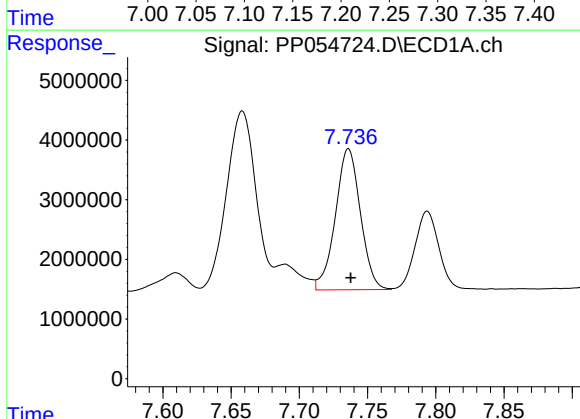
R.T.: 8.279 min
Delta R.T.: -0.001 min
Response: 65805051
Conc: 505.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



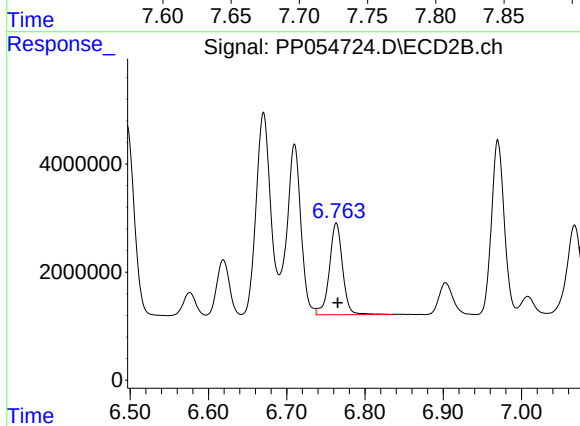
#35 AR-1260-5

R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 77078324
Conc: 485.06 ng/ml



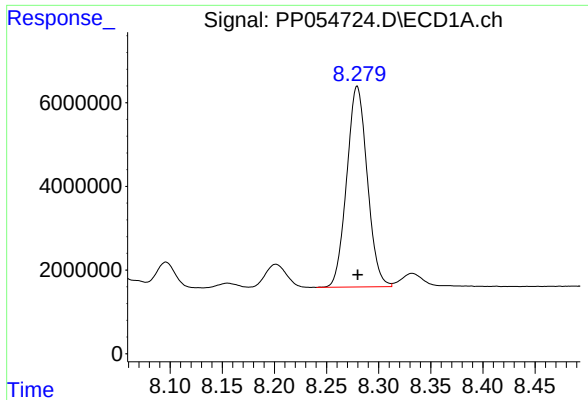
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: -0.002 min
Response: 30097224
Conc: 367.68 ng/ml



#36 AR-1262-1

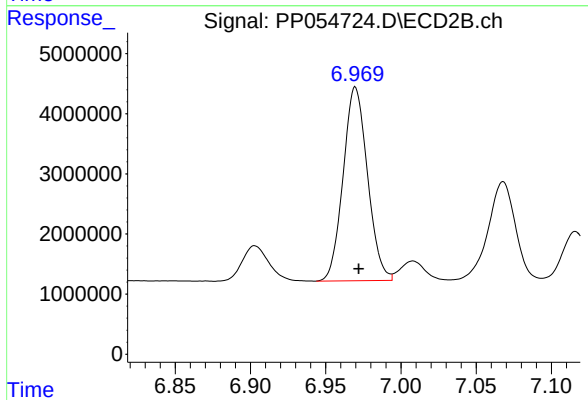
R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 19832029
Conc: 467.54 ng/ml



#37 AR-1262-2

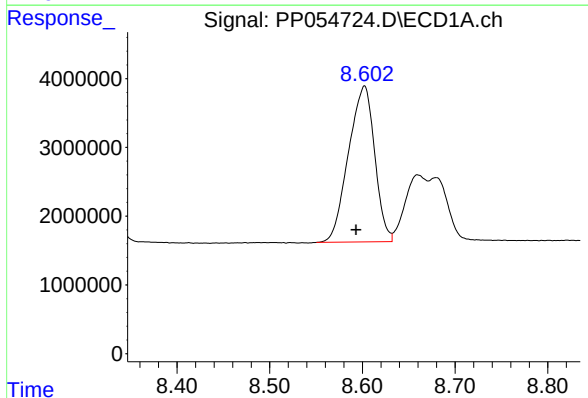
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 65805051
Conc: 464.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



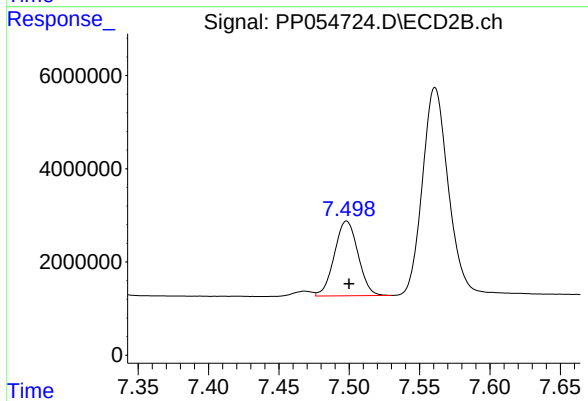
#37 AR-1262-2

R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 36331819
Conc: 395.15 ng/ml



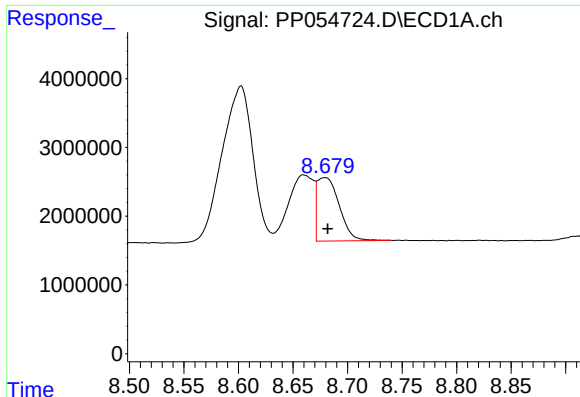
#38 AR-1262-3

R.T.: 8.602 min
Delta R.T.: 0.009 min
Response: 44524957
Conc: 431.88 ng/ml



#38 AR-1262-3

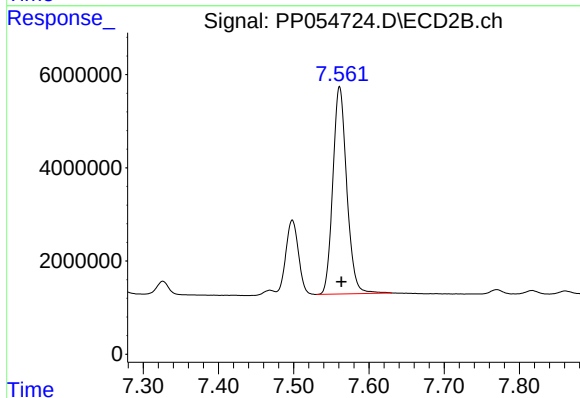
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 18774782
Conc: 261.34 ng/ml



#39 AR-1262-4

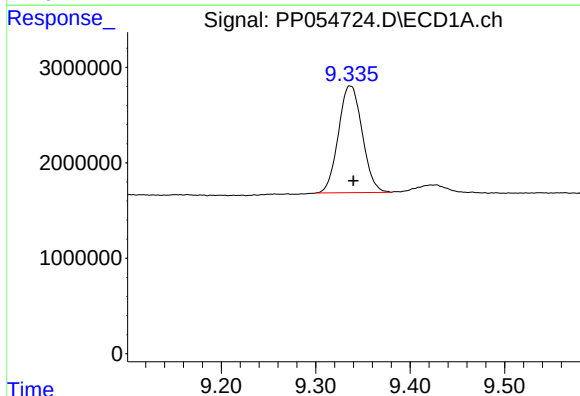
R.T.: 8.679 min
Delta R.T.: -0.002 min
Response: 13032718
Conc: 262.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



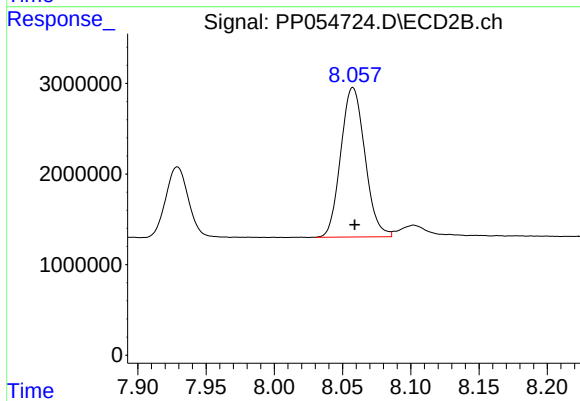
#39 AR-1262-4

R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 57205573
Conc: 442.38 ng/ml



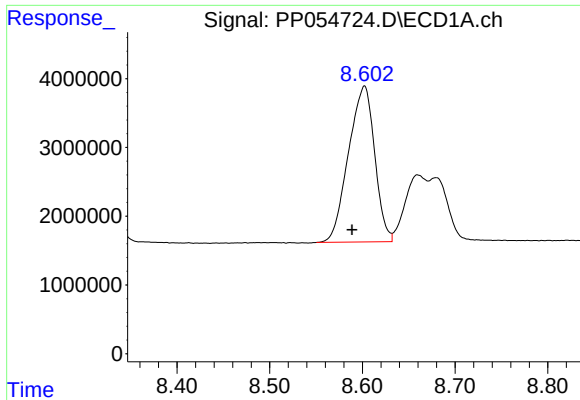
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: -0.003 min
Response: 19579220
Conc: 343.76 ng/ml



#40 AR-1262-5

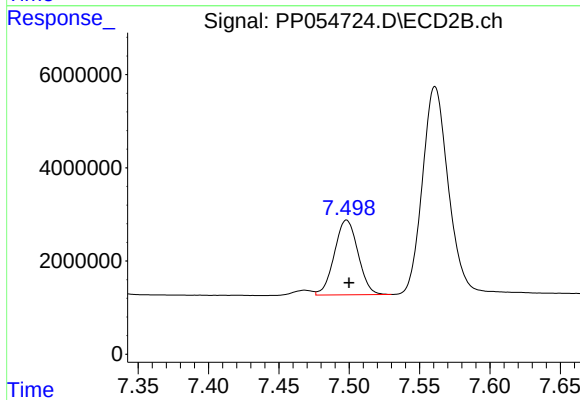
R.T.: 8.058 min
Delta R.T.: -0.001 min
Response: 20356057
Conc: 341.66 ng/ml



#41 AR-1268-1

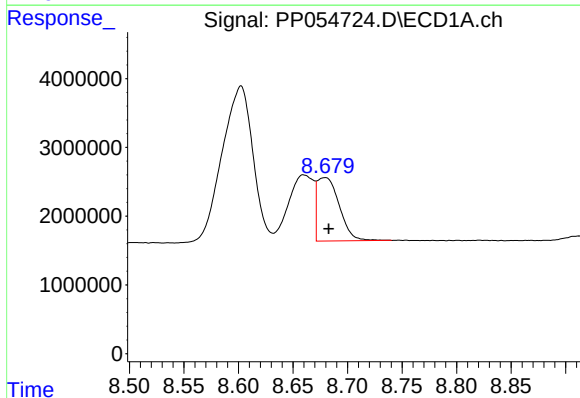
R.T.: 8.602 min
Delta R.T.: 0.013 min
Response: 44524957
Conc: 241.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



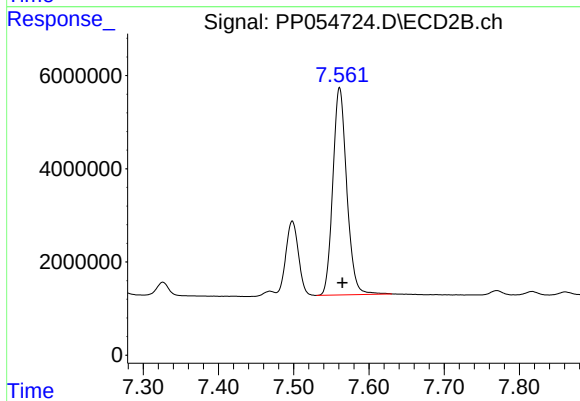
#41 AR-1268-1

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 18774782
Conc: 86.84 ng/ml



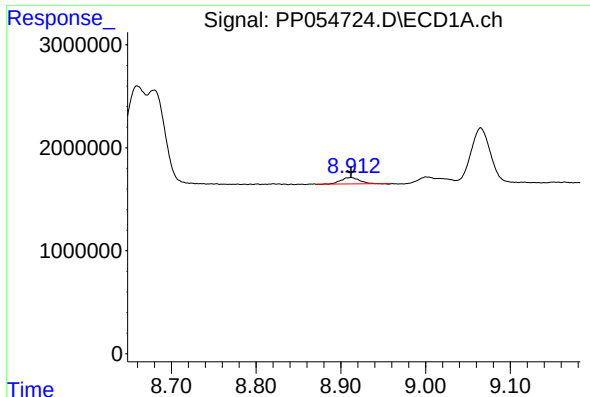
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: -0.003 min
Response: 13032718
Conc: 76.89 ng/ml



#42 AR-1268-2

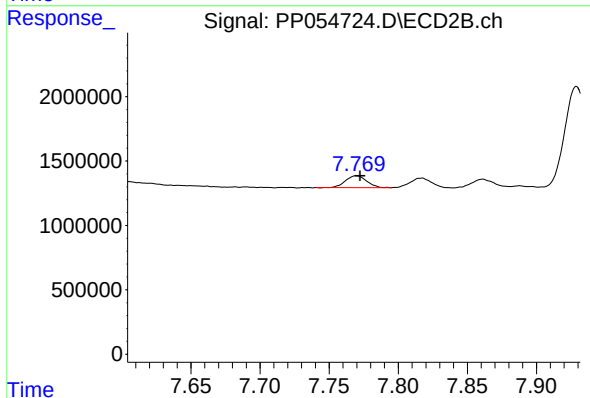
R.T.: 7.561 min
Delta R.T.: -0.004 min
Response: 57205573
Conc: 292.04 ng/ml



#43 AR-1268-3

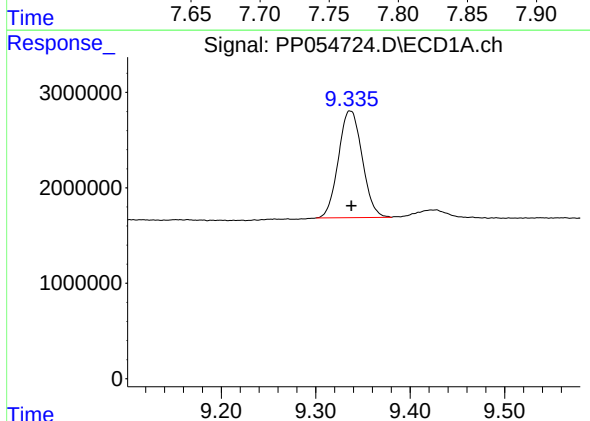
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 941402
Conc: 6.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



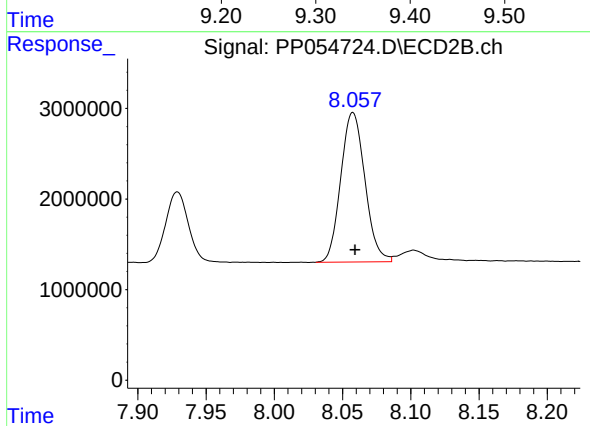
#43 AR-1268-3

R.T.: 7.770 min
Delta R.T.: -0.002 min
Response: 992799
Conc: 5.61 ng/ml



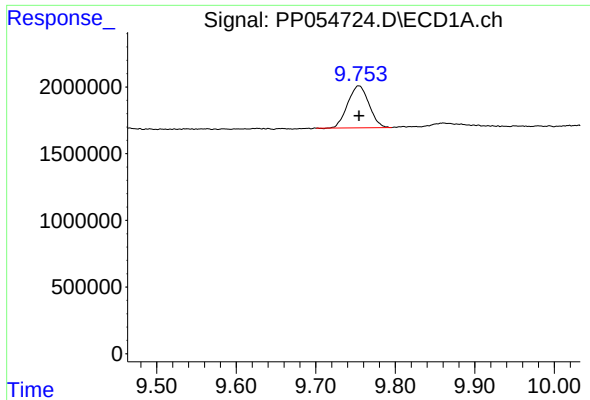
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: -0.001 min
Response: 19579220
Conc: 303.30 ng/ml



#44 AR-1268-4

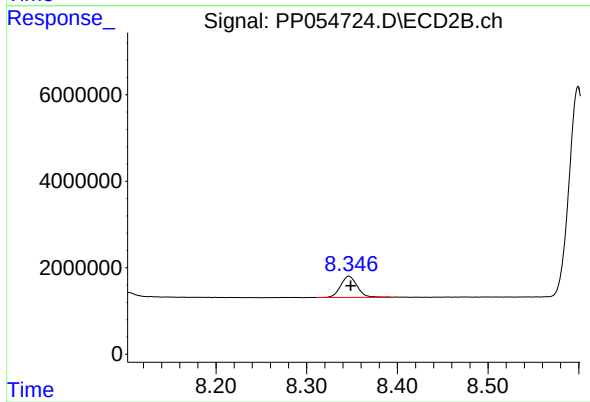
R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 20356057
Conc: 300.95 ng/ml



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 5841776
Conc: 12.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 6232183
Conc: 12.11 ng/ml