

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102423\
 Data File : PP061241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 22:45
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 01:24:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 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...	4.561	3.695	118.3E6	73342367	53.825	54.247
2)	SA Decachlor...	10.529	8.766	81246580	63529376	51.882	42.253
Target Compounds							
3)	L1 AR-1016-1	5.752	4.795	32941668	15305556	458.863	294.087 #
4)	L1 AR-1016-2	5.752	4.815	32941668	15666929	321.163	218.754 #
5)	L1 AR-1016-3	5.840	4.993	13758144	10609004	220.165	262.552
6)	L1 AR-1016-4	5.940	5.035	15340998	20708620	300.312	640.219 #
7)	L1 AR-1016-5	6.239	5.251	36663363	26425147	725.162	632.887
9)	L2 AR-1221-2	4.874f	3.999	1884005	1319347	90.711	89.813
10)	L2 AR-1221-3	4.940	4.076	1934646	1319364	31.351	31.458
11)	L3 AR-1232-1	4.940	4.076	1934646	1319364	38.243	38.205
12)	L3 AR-1232-2	5.481	4.815	10799632	15666929	404.892	473.751
13)	L3 AR-1232-3	5.752	4.993	32941668	10609004	701.961	572.511
14)	L3 AR-1232-4	5.940	5.077	15340998	22053555	655.706	1312.819 #
15)	L3 AR-1232-5	6.032	5.251	34196588	26425147	1754.702	1406.734
16)	L4 AR-1242-1	5.752	4.795	32941668	15305556	586.378	379.153 #
17)	L4 AR-1242-2	5.752	4.815	32941668	15666929	414.101	286.142 #
18)	L4 AR-1242-3	5.840	4.993	13758144	10609004	277.134	341.509
19)	L4 AR-1242-4	5.940	5.077	15340998	22053555	384.043	701.940 #
20)	L4 AR-1242-5	6.689	5.606	38060165	34809247	937.996	890.261
21)	L5 AR-1248-1	5.752	4.795	32941668	15305556	758.669	495.737 #
22)	L5 AR-1248-2	6.032	5.035	34196588	20708620	528.867	472.721
23)	L5 AR-1248-3	6.239	5.077	36663363	22053555	522.157	475.754
24)	L5 AR-1248-4	6.649	5.251	39542120	26425147	517.520	478.027
25)	L5 AR-1248-5	6.689	5.647	38060165	24436659	515.768	468.747
26)	L6 AR-1254-1	6.622	5.606	29656799	34809247	374.980	450.539
27)	L6 AR-1254-2	6.847f	5.755	38602637	10586062	324.044	152.787 #
28)	L6 AR-1254-3	7.216	6.162	21481660	16512124	175.590	145.929
29)	L6 AR-1254-4	7.504	6.392	13350131	11021323	151.673	160.406
30)	L6 AR-1254-5	7.927	6.813	3423541	3312656	34.477	30.968
31)	L7 AR-1260-1	7.384	6.308f	2524799	7995258	26.973	96.619 #
32)	L7 AR-1260-2	7.639	6.481	3606388	1558521	33.218	15.827 #
33)	L7 AR-1260-3	8.007	6.636	780648	1878024	11.232	19.859 #
34)	L7 AR-1260-4	8.225	0.000	1118010	0	13.106	N.D. #
35)	L7 AR-1260-5	8.573	7.355	655762	437285	4.064	2.607 #
36)	L8 AR-1262-1	8.007	6.882	780648	668694	6.215	14.028 #
37)	L8 AR-1262-2	8.573	0.000	655762	0	2.964	N.D. #
38)	L8 AR-1262-3	8.918f	7.640	331392	200129	2.207	2.391
39)	L8 AR-1262-4	8.984	7.703	112329	579607	0.993	3.833 #
41)	L9 AR-1268-1	8.918f	7.640	331392	200129	1.272	0.834 #
42)	L9 AR-1268-2	8.984	7.703	112329	579607	0.479	2.701 #
43)	L9 AR-1268-3	0.000	7.915	0	764533	N.D.	4.036 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 01:24:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
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 Response via : Initial Calibration
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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
45) L9	AR-1268-5	10.163f	8.503	862975	616346	1.353	1.116

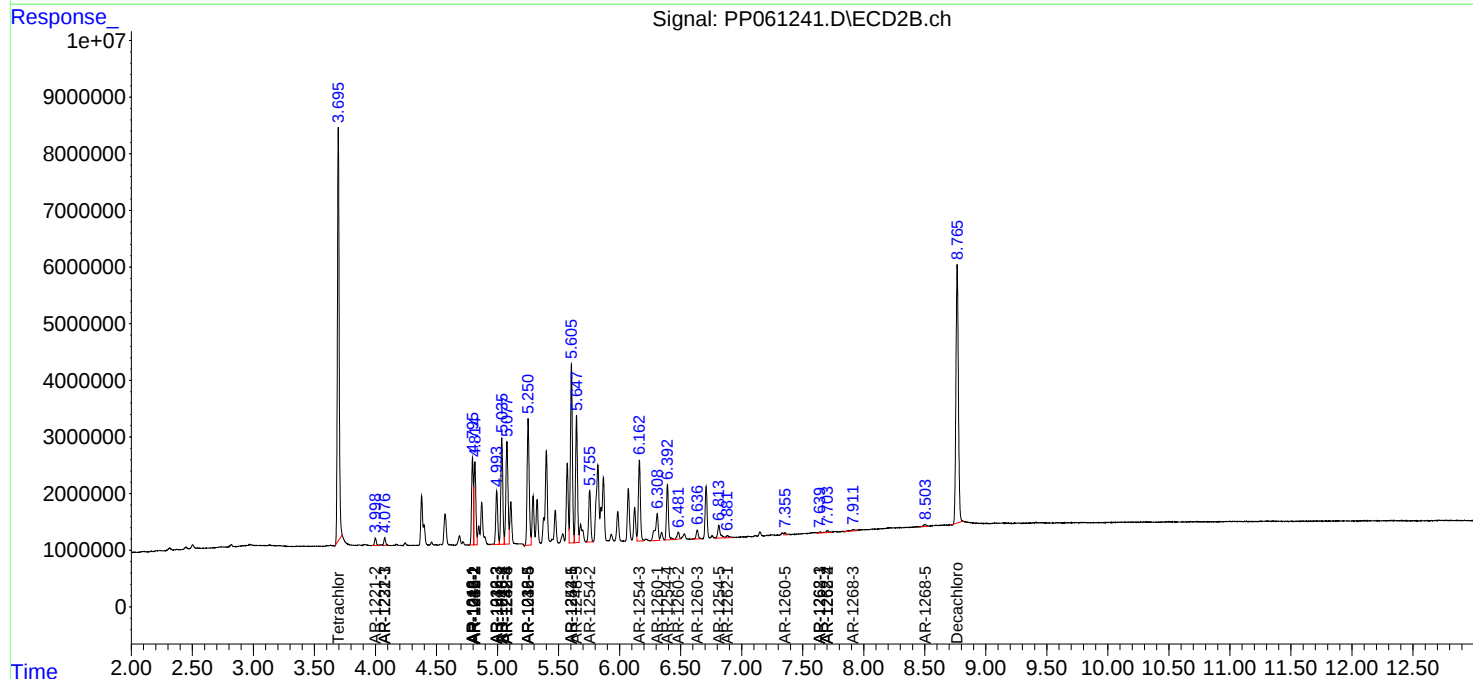
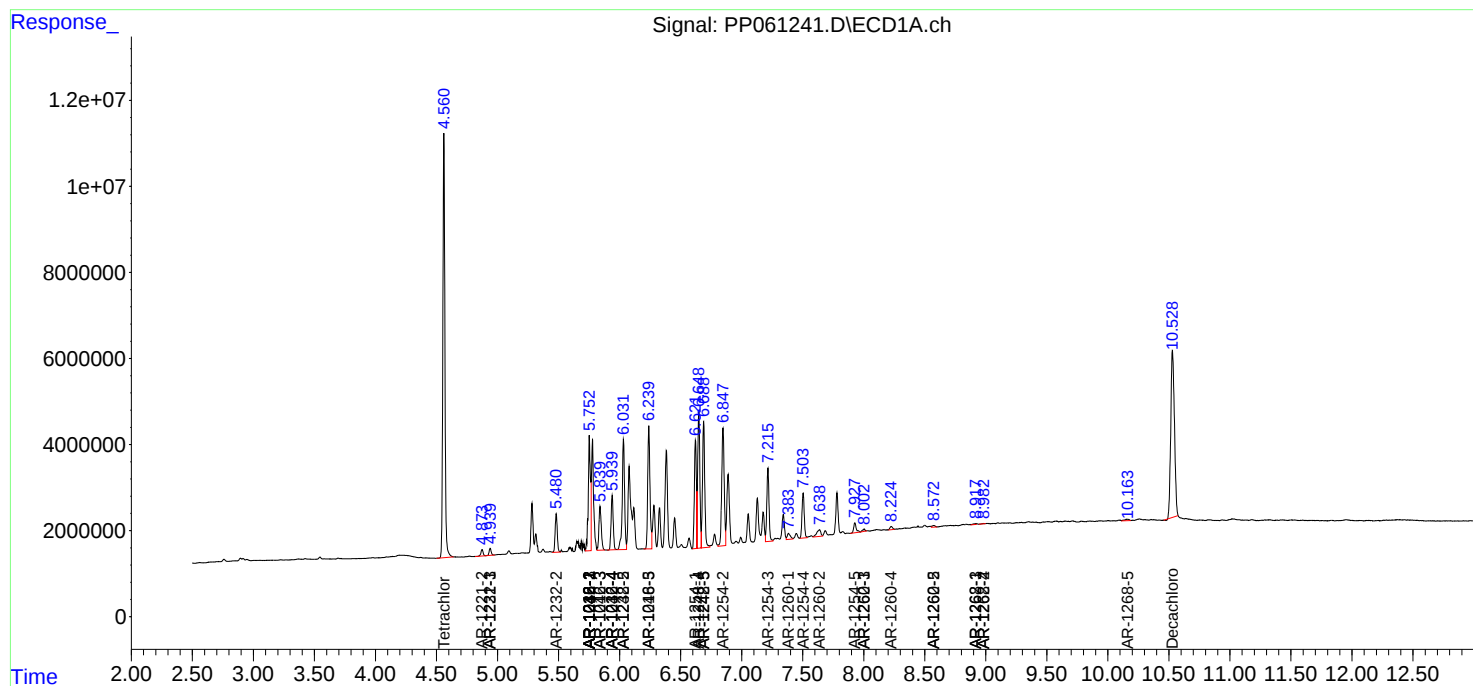
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

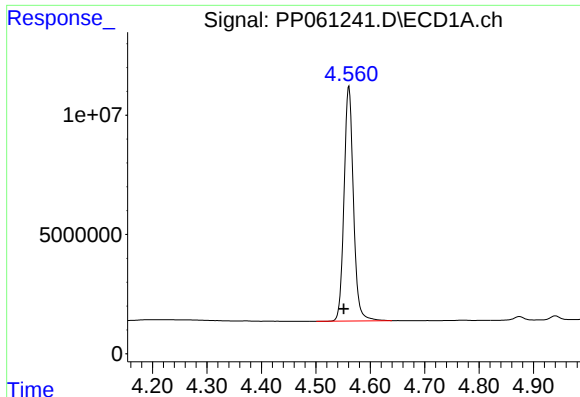
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102423\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

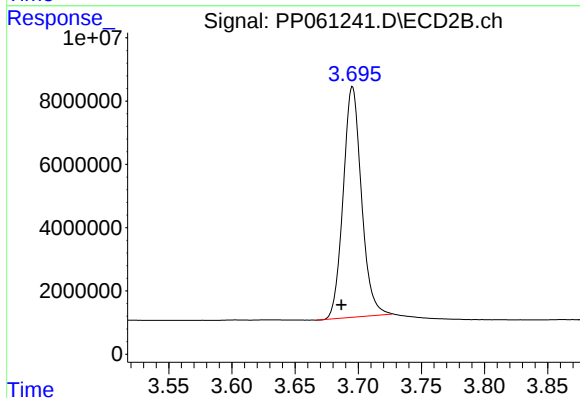




#1 Tetrachloro-m-xylene

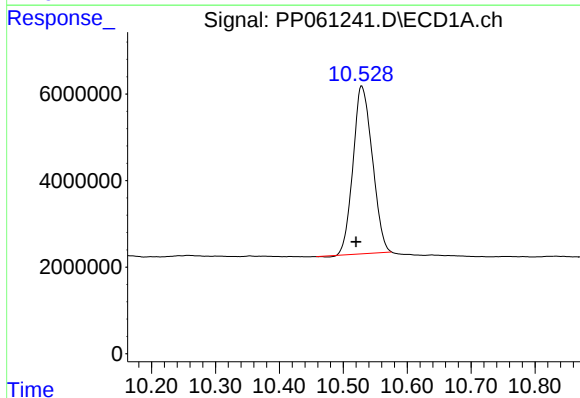
R.T.: 4.561 min
Delta R.T.: 0.010 min
Response: 118326199
Conc: 53.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



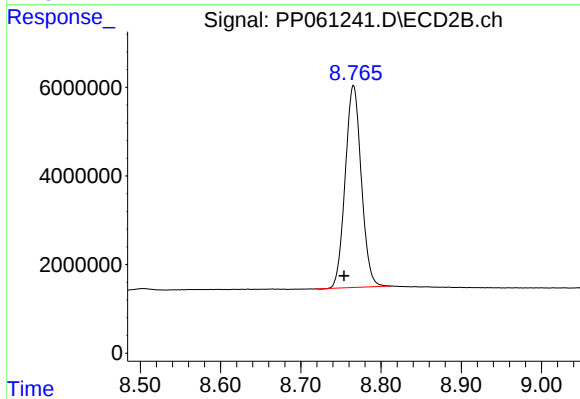
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.009 min
Response: 73342367
Conc: 54.25 ng/ml



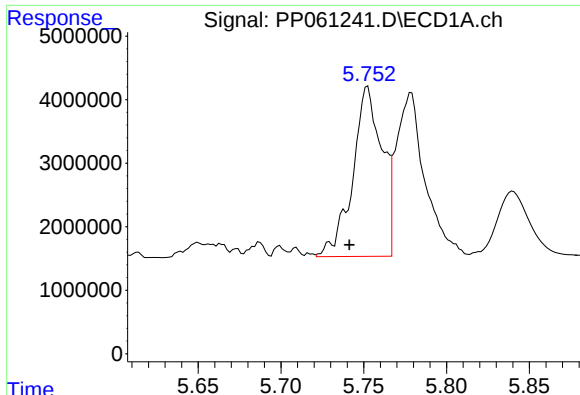
#2 Decachlorobiphenyl

R.T.: 10.529 min
Delta R.T.: 0.009 min
Response: 81246580
Conc: 51.88 ng/ml



#2 Decachlorobiphenyl

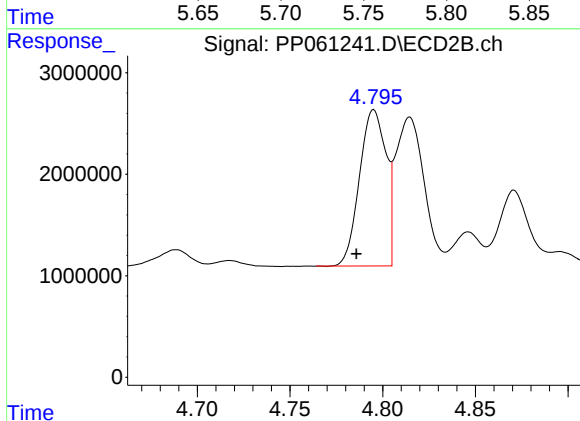
R.T.: 8.766 min
Delta R.T.: 0.012 min
Response: 63529376
Conc: 42.25 ng/ml



#3 AR-1016-1

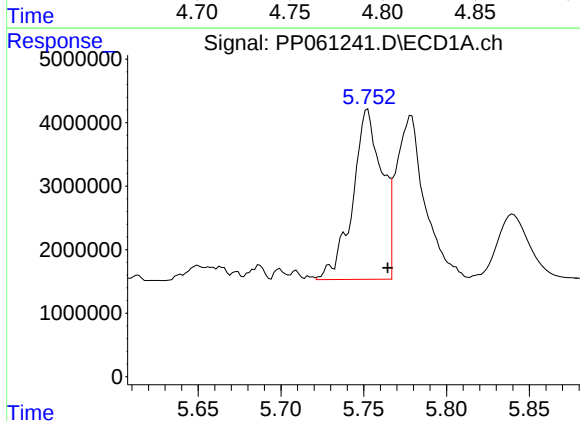
R.T.: 5.752 min
Delta R.T.: 0.011 min
Response: 32941668
Conc: 458.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



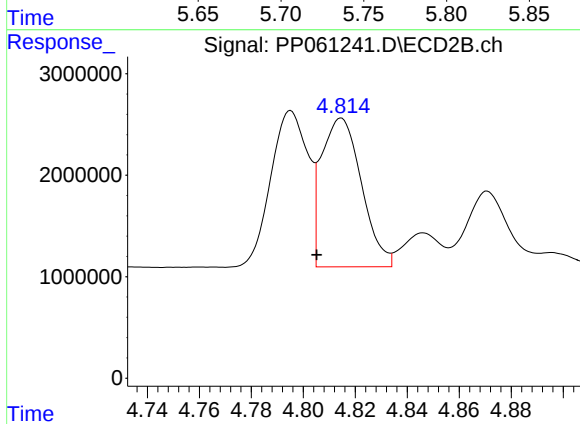
#3 AR-1016-1

R.T.: 4.795 min
Delta R.T.: 0.009 min
Response: 15305556
Conc: 294.09 ng/ml



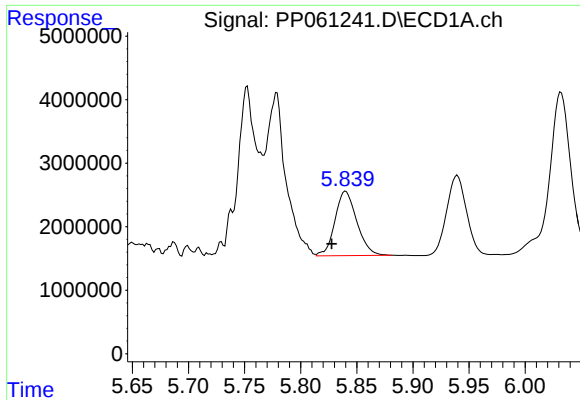
#4 AR-1016-2

R.T.: 5.752 min
Delta R.T.: -0.012 min
Response: 32941668
Conc: 321.16 ng/ml



#4 AR-1016-2

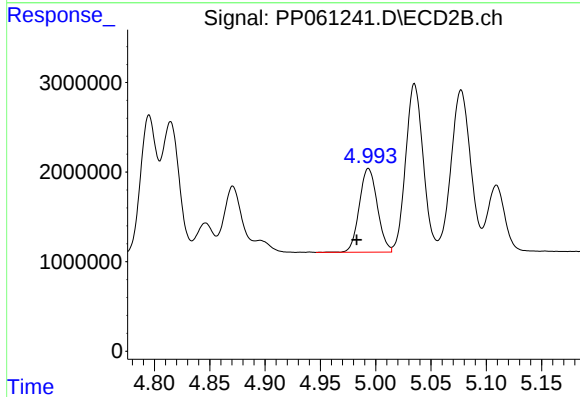
R.T.: 4.815 min
Delta R.T.: 0.010 min
Response: 15666929
Conc: 218.75 ng/ml



#5 AR-1016-3

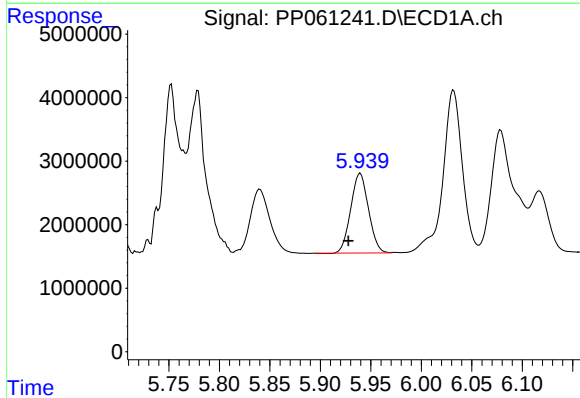
R.T.: 5.840 min
Delta R.T.: 0.013 min
Response: 13758144
Conc: 220.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



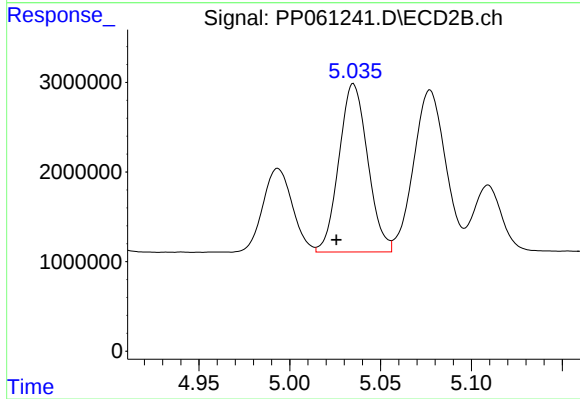
#5 AR-1016-3

R.T.: 4.993 min
Delta R.T.: 0.011 min
Response: 10609004
Conc: 262.55 ng/ml



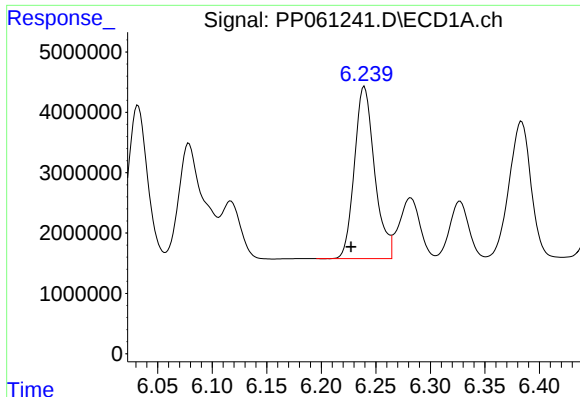
#6 AR-1016-4

R.T.: 5.940 min
Delta R.T.: 0.012 min
Response: 15340998
Conc: 300.31 ng/ml



#6 AR-1016-4

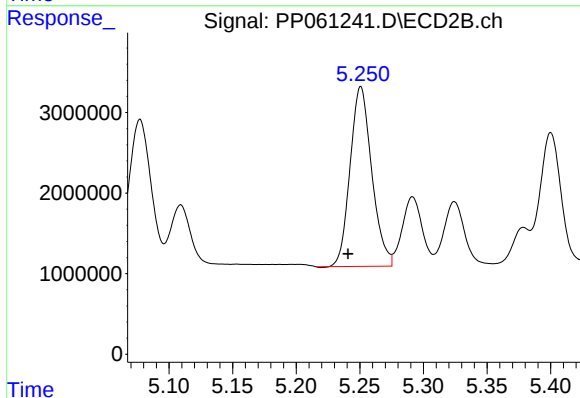
R.T.: 5.035 min
Delta R.T.: 0.009 min
Response: 20708620
Conc: 640.22 ng/ml



#7 AR-1016-5

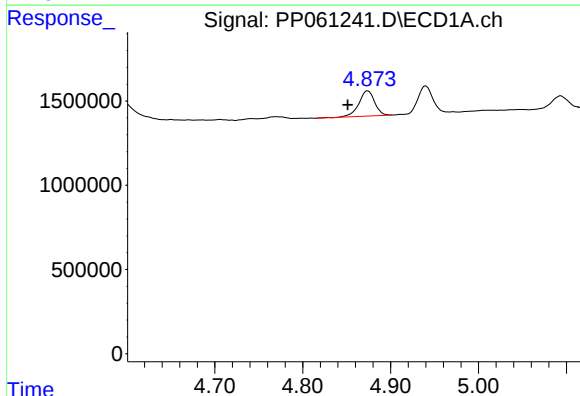
R.T.: 6.239 min
Delta R.T.: 0.012 min
Response: 36663363
Conc: 725.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



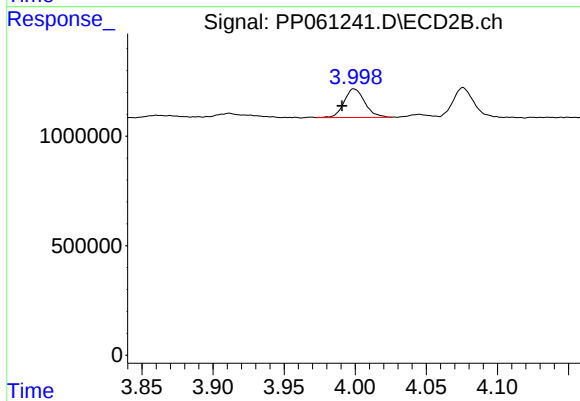
#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: 0.010 min
Response: 26425147
Conc: 632.89 ng/ml



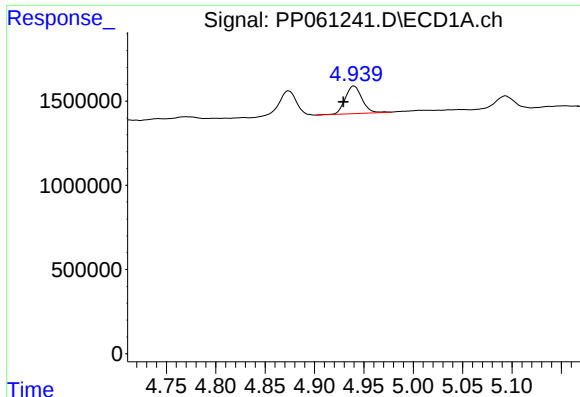
#9 AR-1221-2

R.T.: 4.874 min
Delta R.T.: 0.023 min
Response: 1884005
Conc: 90.71 ng/ml



#9 AR-1221-2

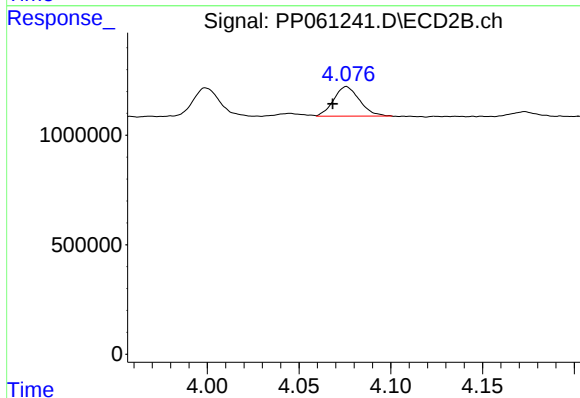
R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 1319347
Conc: 89.81 ng/ml



#10 AR-1221-3

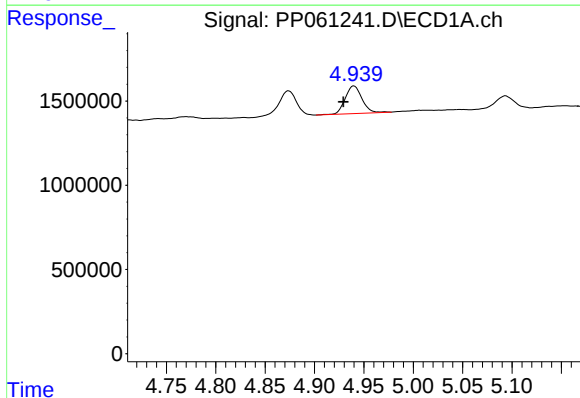
R.T.: 4.940 min
Delta R.T.: 0.011 min
Response: 1934646
Conc: 31.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



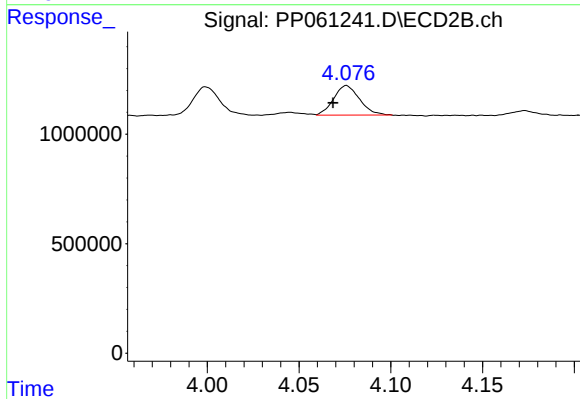
#10 AR-1221-3

R.T.: 4.076 min
Delta R.T.: 0.008 min
Response: 1319364
Conc: 31.46 ng/ml



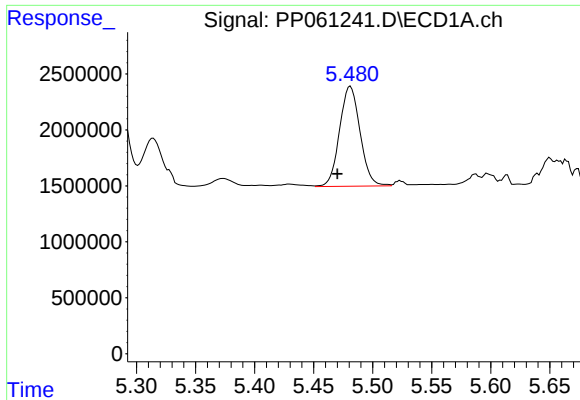
#11 AR-1232-1

R.T.: 4.940 min
Delta R.T.: 0.011 min
Response: 1934646
Conc: 38.24 ng/ml



#11 AR-1232-1

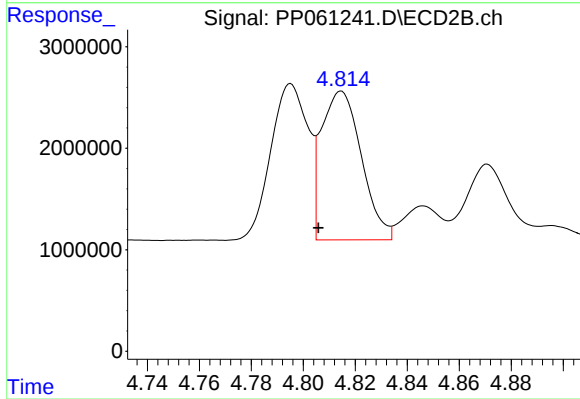
R.T.: 4.076 min
Delta R.T.: 0.007 min
Response: 1319364
Conc: 38.21 ng/ml



#12 AR-1232-2

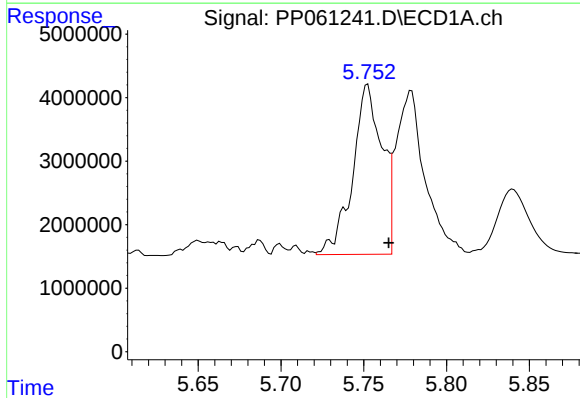
R.T.: 5.481 min
Delta R.T.: 0.011 min
Response: 10799632
Conc: 404.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



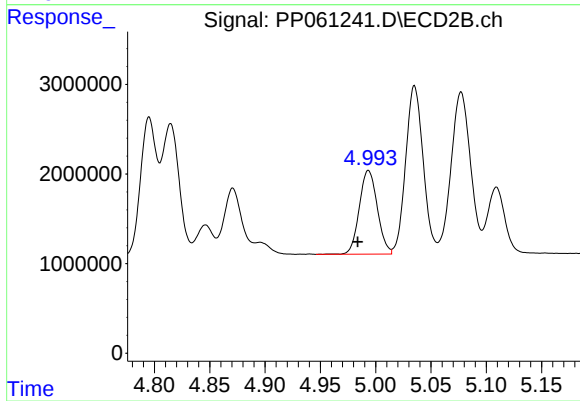
#12 AR-1232-2

R.T.: 4.815 min
Delta R.T.: 0.009 min
Response: 15666929
Conc: 473.75 ng/ml



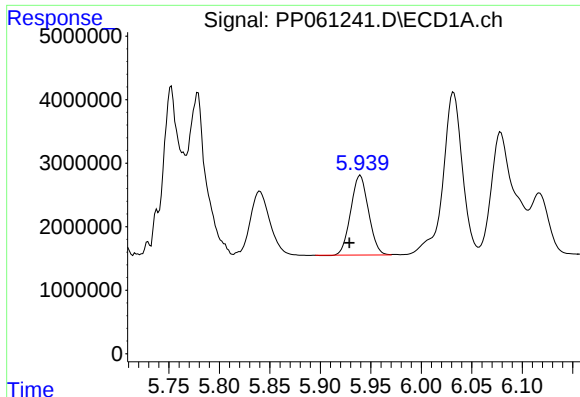
#13 AR-1232-3

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 32941668
Conc: 701.96 ng/ml



#13 AR-1232-3

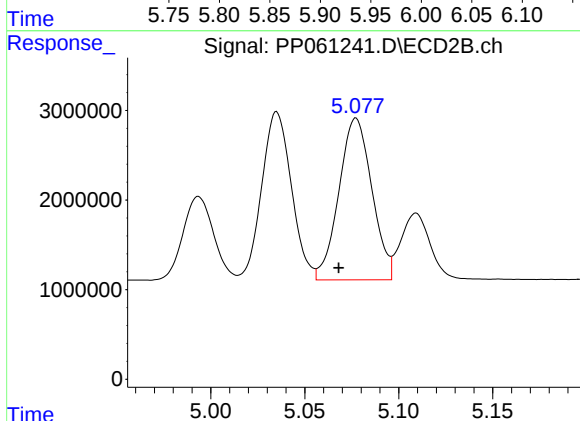
R.T.: 4.993 min
Delta R.T.: 0.010 min
Response: 10609004
Conc: 572.51 ng/ml



#14 AR-1232-4

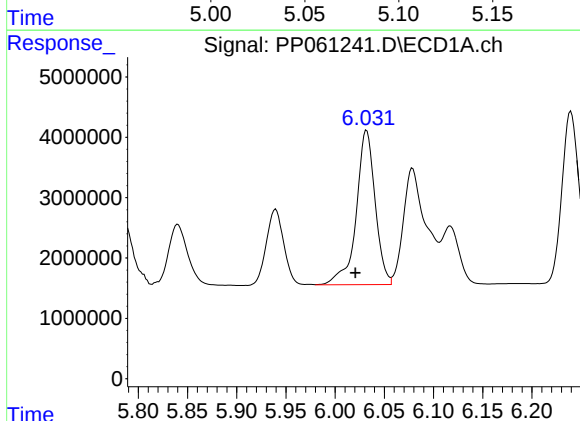
R.T.: 5.940 min
Delta R.T.: 0.011 min
Response: 15340998
Conc: 655.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



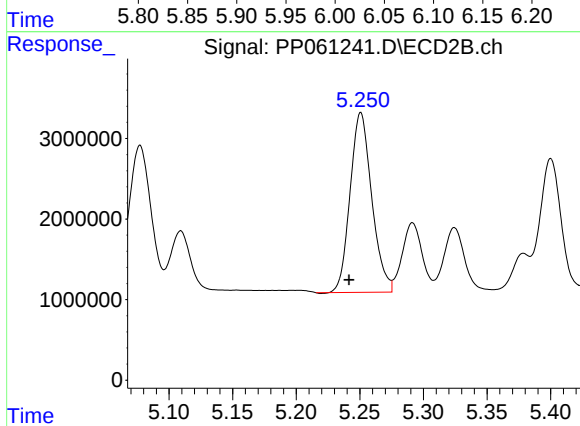
#14 AR-1232-4

R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 22053555
Conc: 1312.82 ng/ml



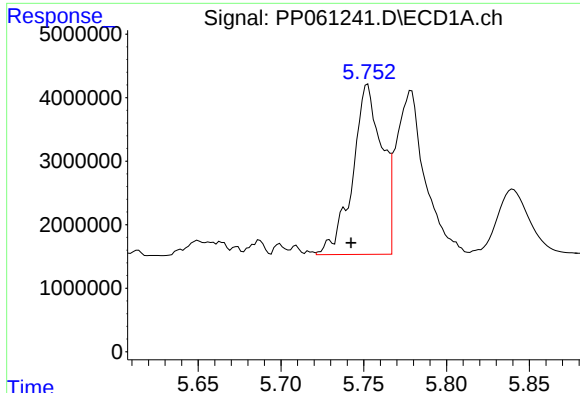
#15 AR-1232-5

R.T.: 6.032 min
Delta R.T.: 0.011 min
Response: 34196588
Conc: 1754.70 ng/ml



#15 AR-1232-5

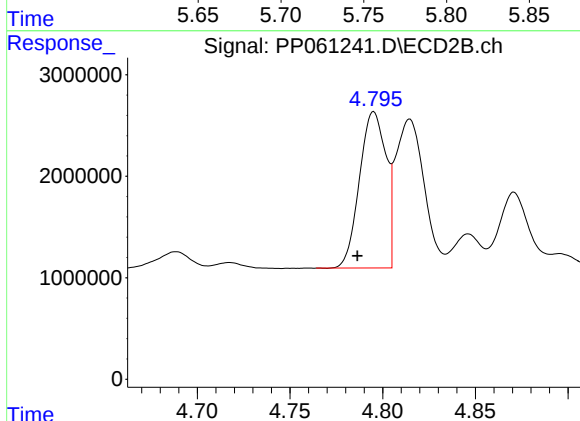
R.T.: 5.251 min
Delta R.T.: 0.009 min
Response: 26425147
Conc: 1406.73 ng/ml



#16 AR-1242-1

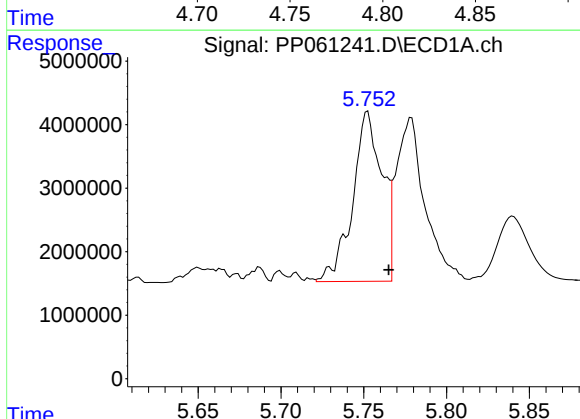
R.T.: 5.752 min
Delta R.T.: 0.010 min
Response: 32941668
Conc: 586.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



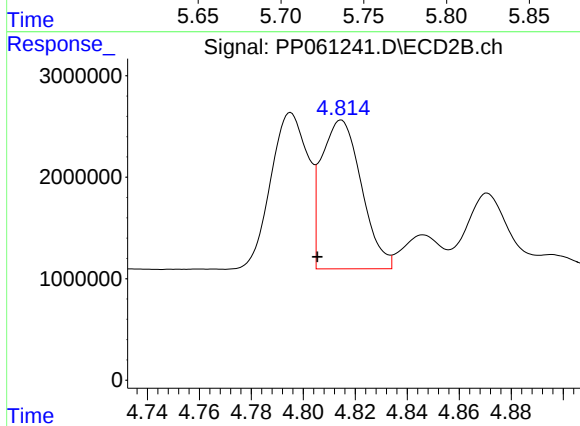
#16 AR-1242-1

R.T.: 4.795 min
Delta R.T.: 0.009 min
Response: 15305556
Conc: 379.15 ng/ml



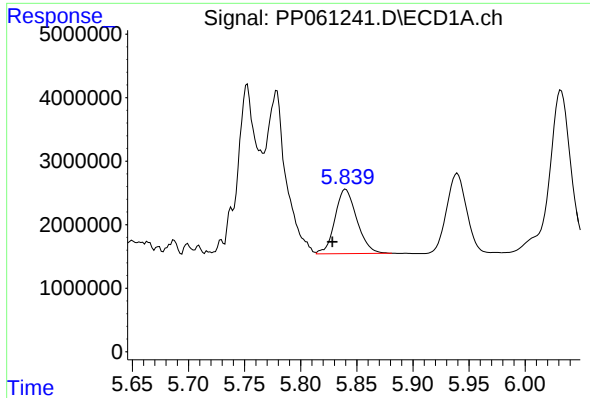
#17 AR-1242-2

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 32941668
Conc: 414.10 ng/ml



#17 AR-1242-2

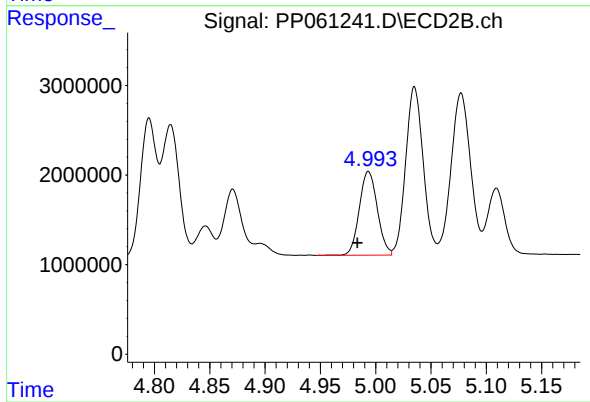
R.T.: 4.815 min
Delta R.T.: 0.009 min
Response: 15666929
Conc: 286.14 ng/ml



#18 AR-1242-3

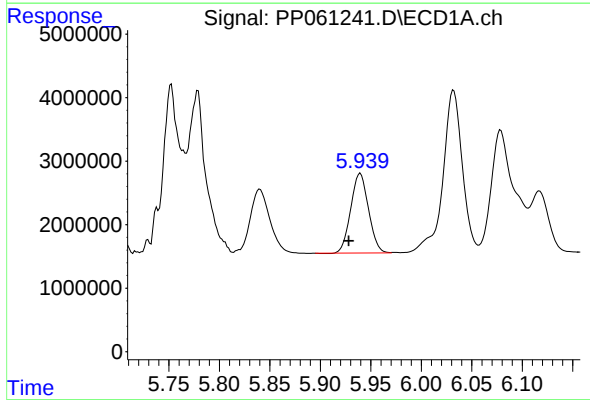
R.T.: 5.840 min
Delta R.T.: 0.012 min
Response: 13758144
Conc: 277.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



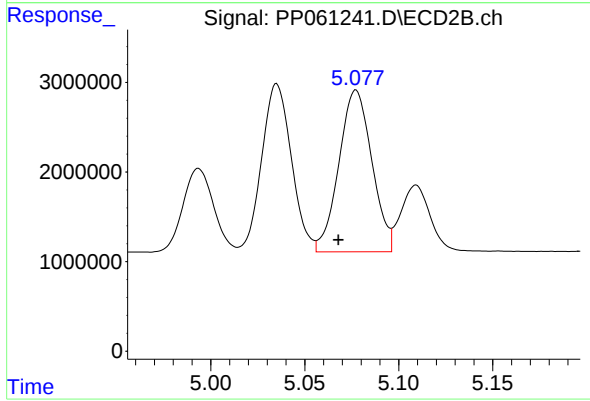
#18 AR-1242-3

R.T.: 4.993 min
Delta R.T.: 0.010 min
Response: 10609004
Conc: 341.51 ng/ml



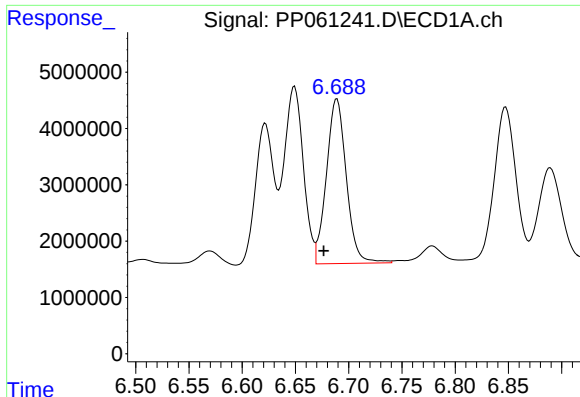
#19 AR-1242-4

R.T.: 5.940 min
Delta R.T.: 0.011 min
Response: 15340998
Conc: 384.04 ng/ml



#19 AR-1242-4

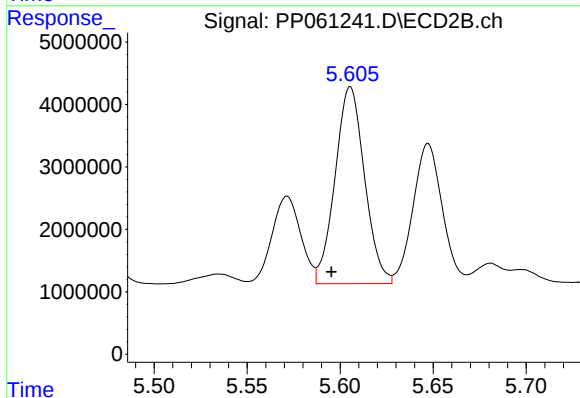
R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 22053555
Conc: 701.94 ng/ml



#20 AR-1242-5

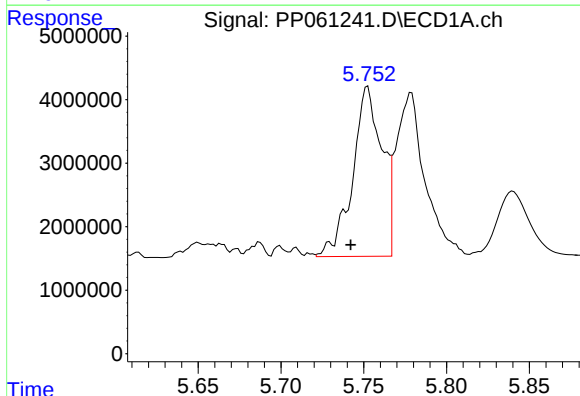
R.T.: 6.689 min
Delta R.T.: 0.012 min
Response: 38060165
Conc: 938.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



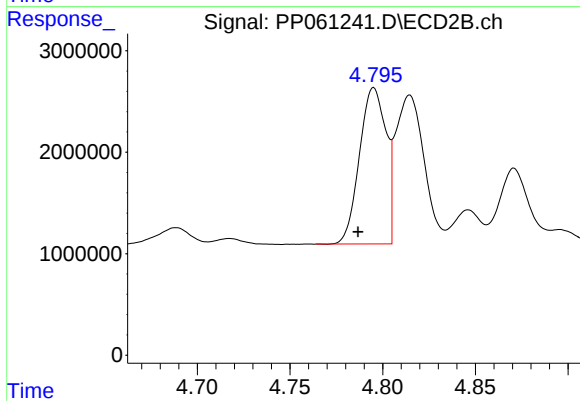
#20 AR-1242-5

R.T.: 5.606 min
Delta R.T.: 0.010 min
Response: 34809247
Conc: 890.26 ng/ml



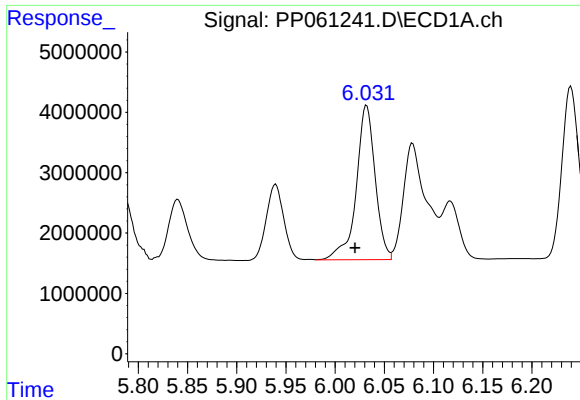
#21 AR-1248-1

R.T.: 5.752 min
Delta R.T.: 0.010 min
Response: 32941668
Conc: 758.67 ng/ml



#21 AR-1248-1

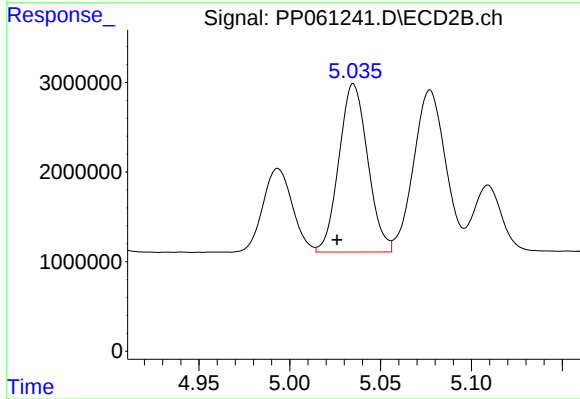
R.T.: 4.795 min
Delta R.T.: 0.008 min
Response: 15305556
Conc: 495.74 ng/ml



#22 AR-1248-2

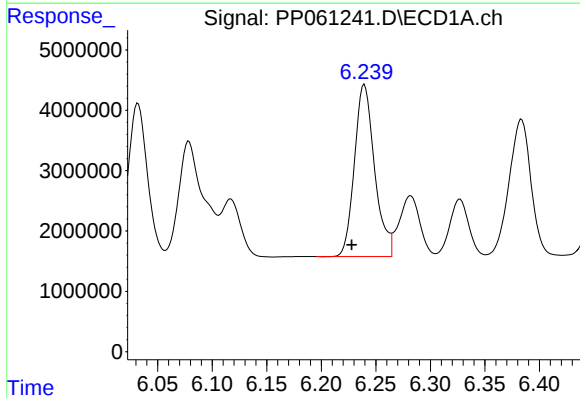
R.T.: 6.032 min
Delta R.T.: 0.012 min
Response: 34196588
Conc: 528.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



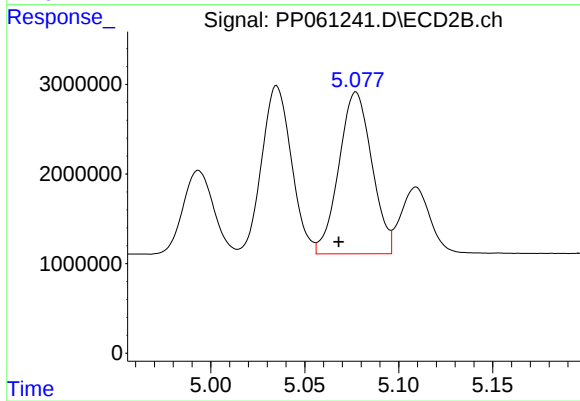
#22 AR-1248-2

R.T.: 5.035 min
Delta R.T.: 0.009 min
Response: 20708620
Conc: 472.72 ng/ml



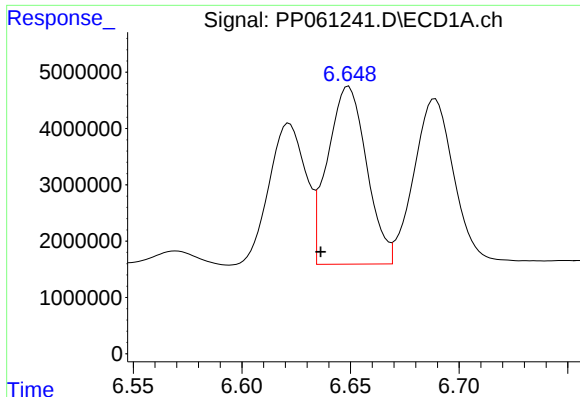
#23 AR-1248-3

R.T.: 6.239 min
Delta R.T.: 0.012 min
Response: 36663363
Conc: 522.16 ng/ml



#23 AR-1248-3

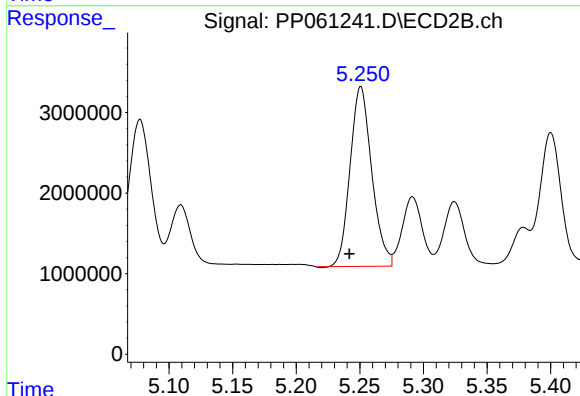
R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 22053555
Conc: 475.75 ng/ml



#24 AR-1248-4

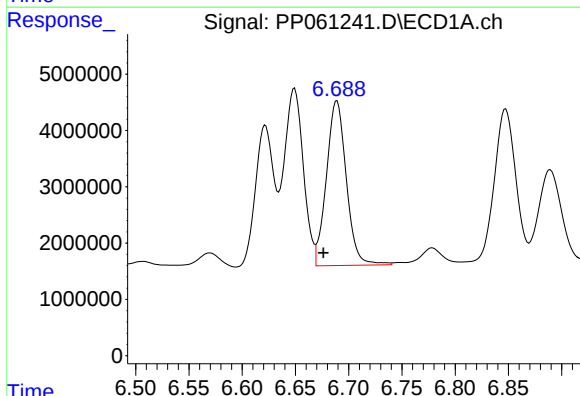
R.T.: 6.649 min
Delta R.T.: 0.013 min
Response: 39542120
Conc: 517.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



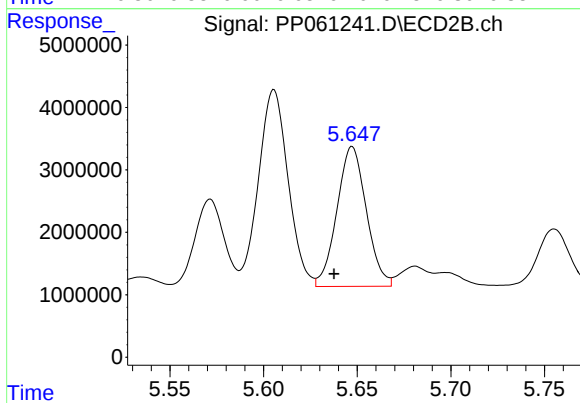
#24 AR-1248-4

R.T.: 5.251 min
Delta R.T.: 0.009 min
Response: 26425147
Conc: 478.03 ng/ml



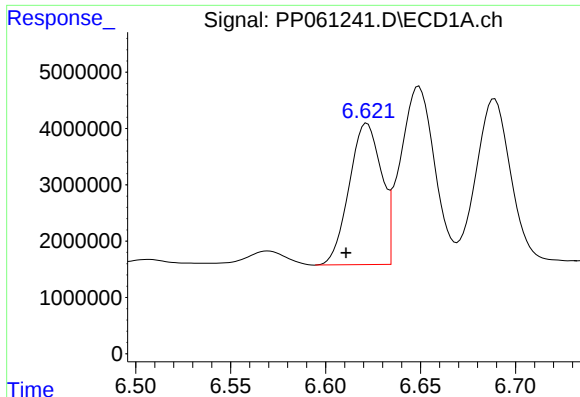
#25 AR-1248-5

R.T.: 6.689 min
Delta R.T.: 0.013 min
Response: 38060165
Conc: 515.77 ng/ml



#25 AR-1248-5

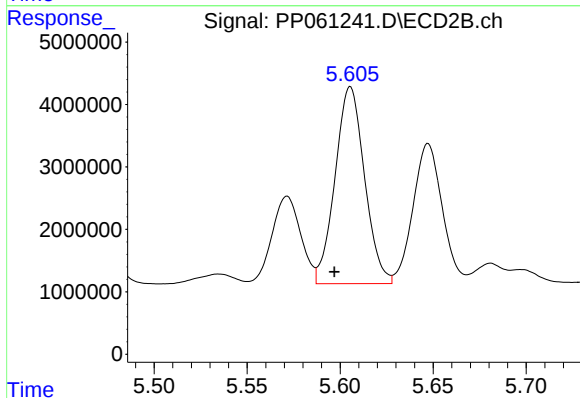
R.T.: 5.647 min
Delta R.T.: 0.010 min
Response: 24436659
Conc: 468.75 ng/ml



#26 AR-1254-1

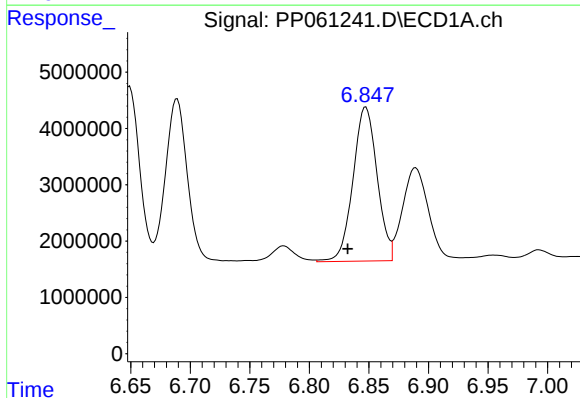
R.T.: 6.622 min
Delta R.T.: 0.011 min
Response: 29656799
Conc: 374.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



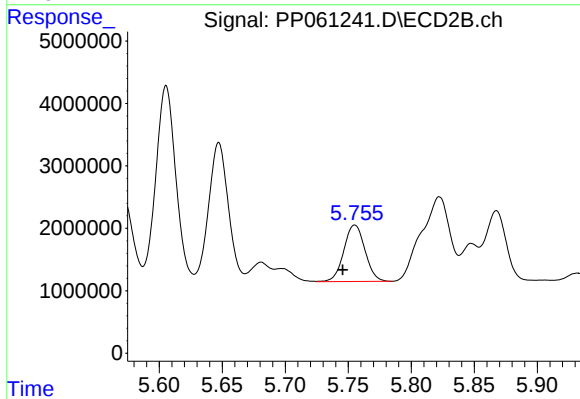
#26 AR-1254-1

R.T.: 5.606 min
Delta R.T.: 0.009 min
Response: 34809247
Conc: 450.54 ng/ml



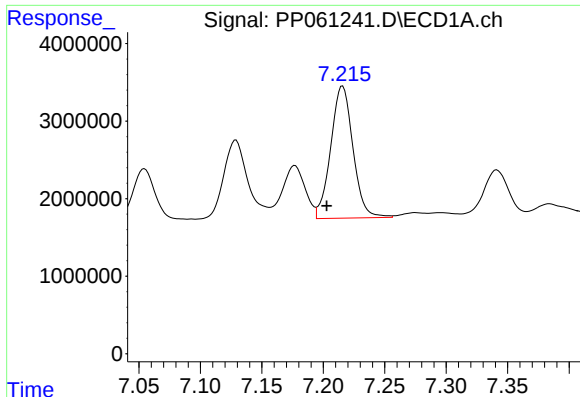
#27 AR-1254-2

R.T.: 6.847 min
Delta R.T.: 0.015 min
Response: 38602637
Conc: 324.04 ng/ml



#27 AR-1254-2

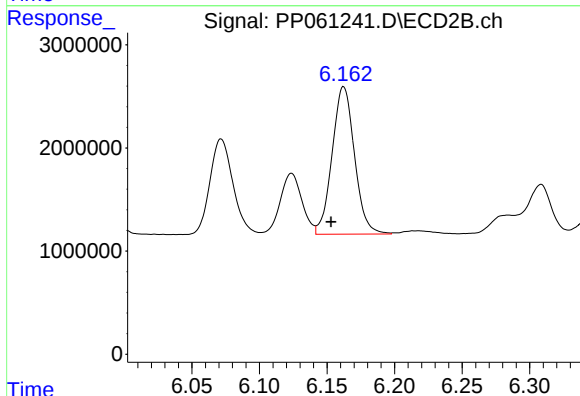
R.T.: 5.755 min
Delta R.T.: 0.010 min
Response: 10586062
Conc: 152.79 ng/ml



#28 AR-1254-3

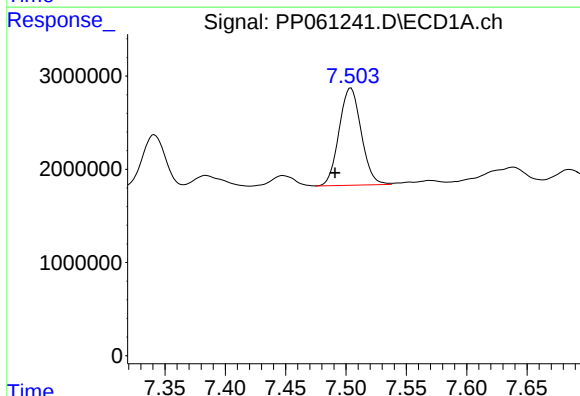
R.T.: 7.216 min
Delta R.T.: 0.013 min
Response: 21481660
Conc: 175.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



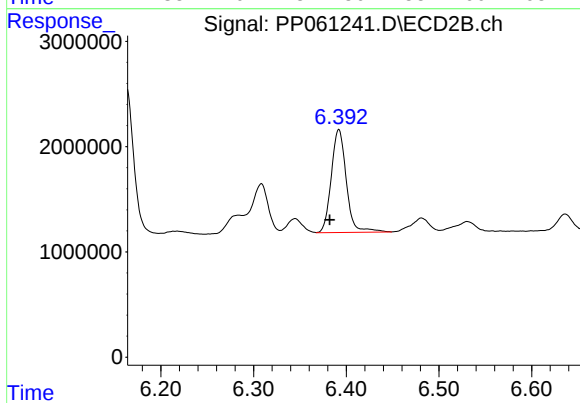
#28 AR-1254-3

R.T.: 6.162 min
Delta R.T.: 0.009 min
Response: 16512124
Conc: 145.93 ng/ml



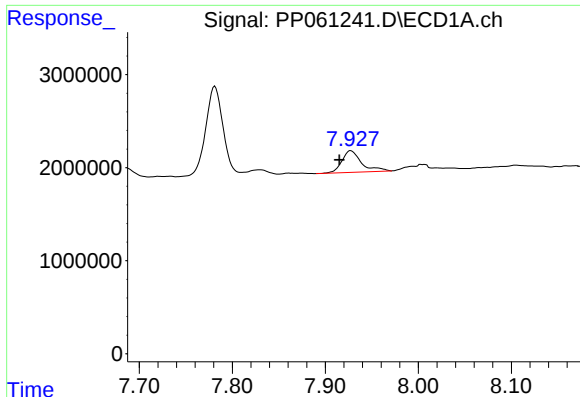
#29 AR-1254-4

R.T.: 7.504 min
Delta R.T.: 0.013 min
Response: 13350131
Conc: 151.67 ng/ml



#29 AR-1254-4

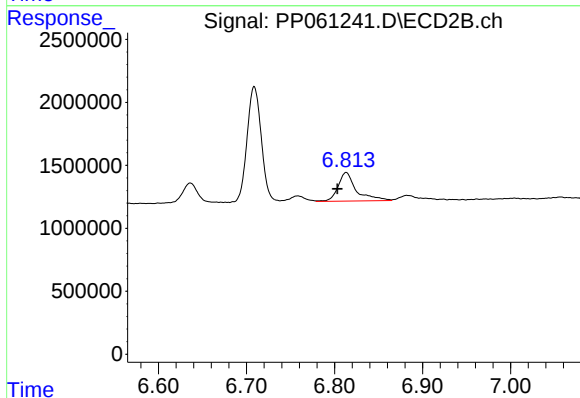
R.T.: 6.392 min
Delta R.T.: 0.010 min
Response: 11021323
Conc: 160.41 ng/ml



#30 AR-1254-5

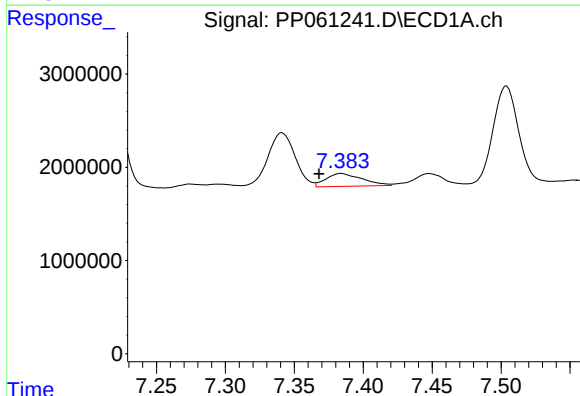
R.T.: 7.927 min
Delta R.T.: 0.012 min
Response: 3423541
Conc: 34.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



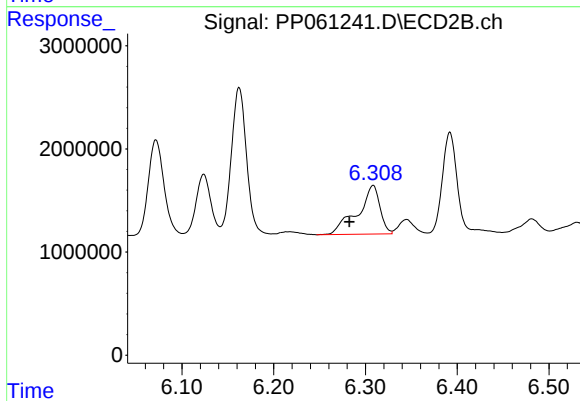
#30 AR-1254-5

R.T.: 6.813 min
Delta R.T.: 0.010 min
Response: 3312656
Conc: 30.97 ng/ml



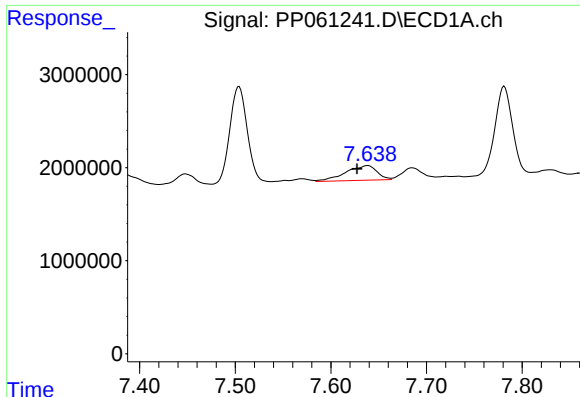
#31 AR-1260-1

R.T.: 7.384 min
Delta R.T.: 0.016 min
Response: 2524799
Conc: 26.97 ng/ml



#31 AR-1260-1

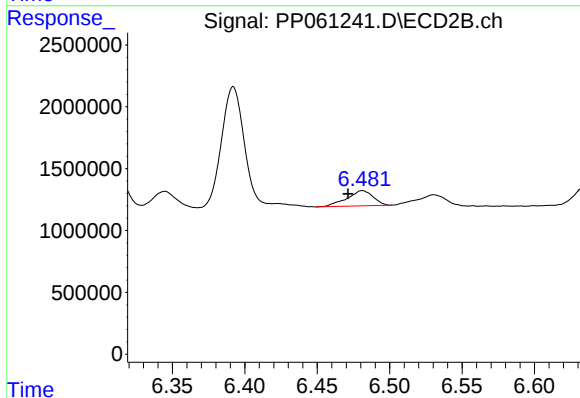
R.T.: 6.308 min
Delta R.T.: 0.026 min
Response: 7995258
Conc: 96.62 ng/ml



#32 AR-1260-2

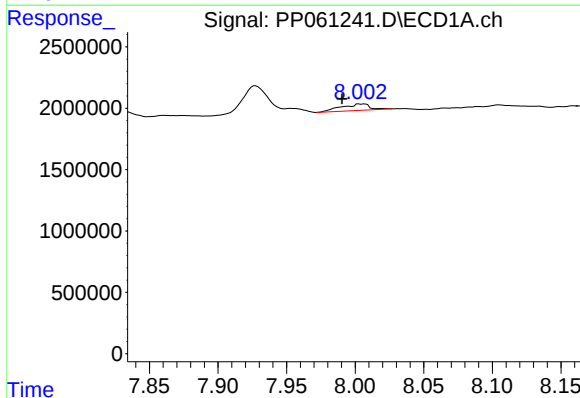
R.T.: 7.639 min
Delta R.T.: 0.011 min
Response: 3606388
Conc: 33.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



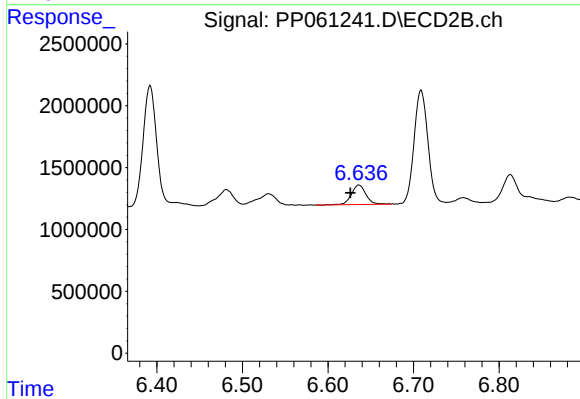
#32 AR-1260-2

R.T.: 6.481 min
Delta R.T.: 0.010 min
Response: 1558521
Conc: 15.83 ng/ml



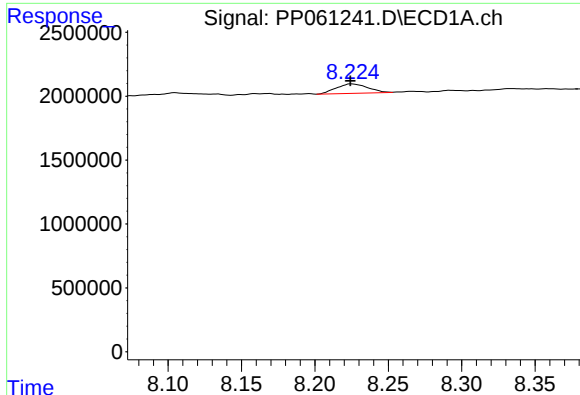
#33 AR-1260-3

R.T.: 8.007 min
Delta R.T.: 0.016 min
Response: 780648
Conc: 11.23 ng/ml



#33 AR-1260-3

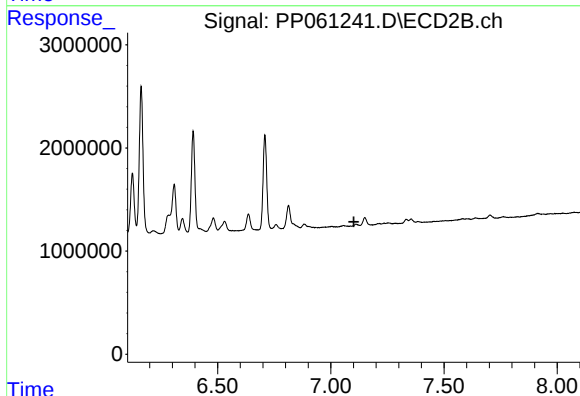
R.T.: 6.636 min
Delta R.T.: 0.010 min
Response: 1878024
Conc: 19.86 ng/ml



#34 AR-1260-4

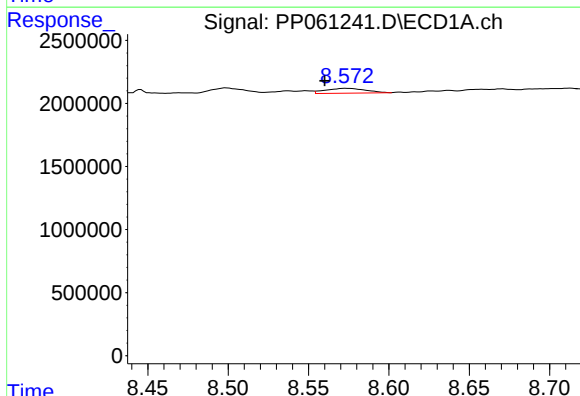
R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 1118010
Conc: 13.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



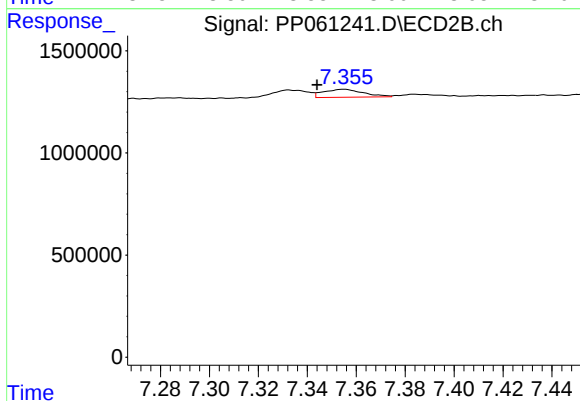
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.102 min
Response: 0
Conc: N.D.



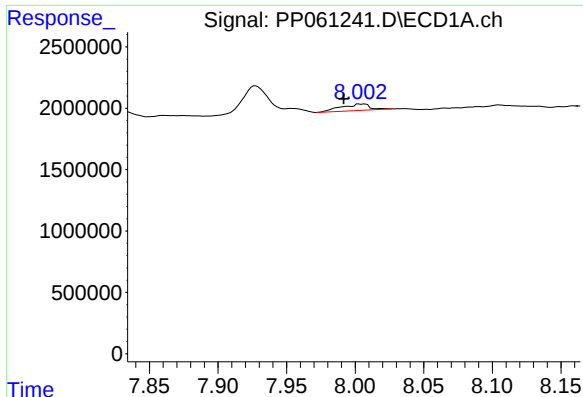
#35 AR-1260-5

R.T.: 8.573 min
Delta R.T.: 0.013 min
Response: 655762
Conc: 4.06 ng/ml



#35 AR-1260-5

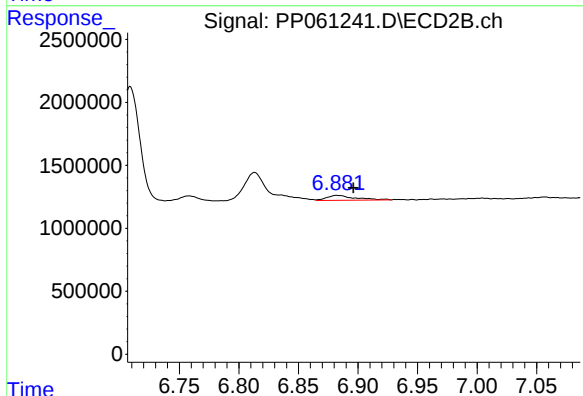
R.T.: 7.355 min
Delta R.T.: 0.011 min
Response: 437285
Conc: 2.61 ng/ml



#36 AR-1262-1

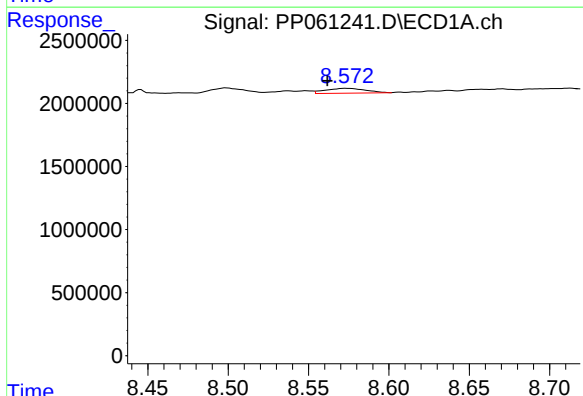
R.T.: 8.007 min
Delta R.T.: 0.015 min
Response: 780648
Conc: 6.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



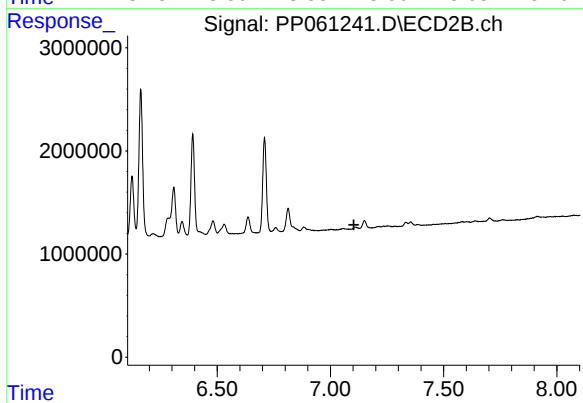
#36 AR-1262-1

R.T.: 6.882 min
Delta R.T.: -0.014 min
Response: 668694
Conc: 14.03 ng/ml



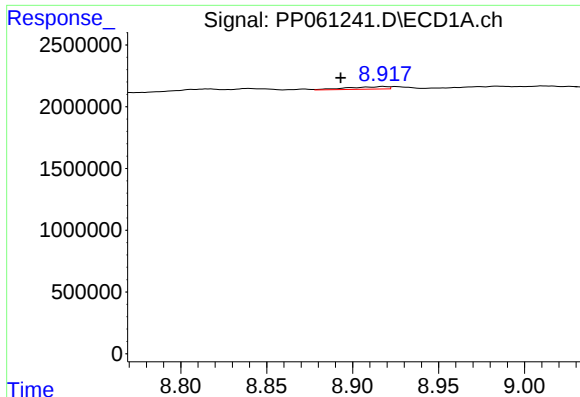
#37 AR-1262-2

R.T.: 8.573 min
Delta R.T.: 0.012 min
Response: 655762
Conc: 2.96 ng/ml



#37 AR-1262-2

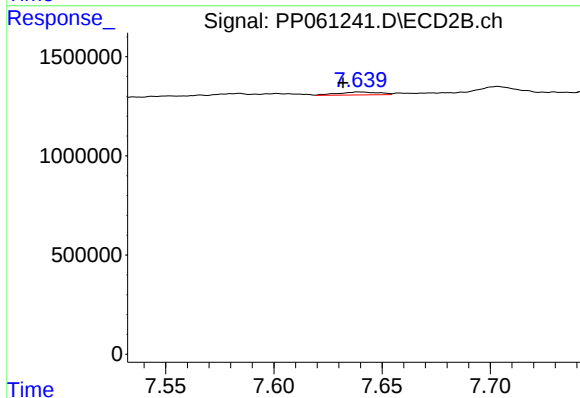
R.T.: 0.000 min
Exp R.T. : 7.103 min
Response: 0
Conc: N.D.



#38 AR-1262-3

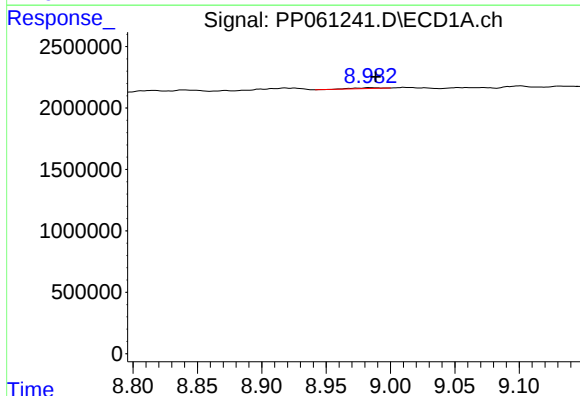
R.T.: 8.918 min
Delta R.T.: 0.025 min
Response: 331392
Conc: 2.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



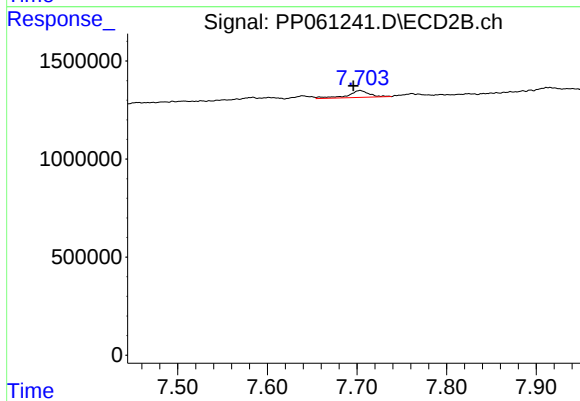
#38 AR-1262-3

R.T.: 7.640 min
Delta R.T.: 0.008 min
Response: 200129
Conc: 2.39 ng/ml



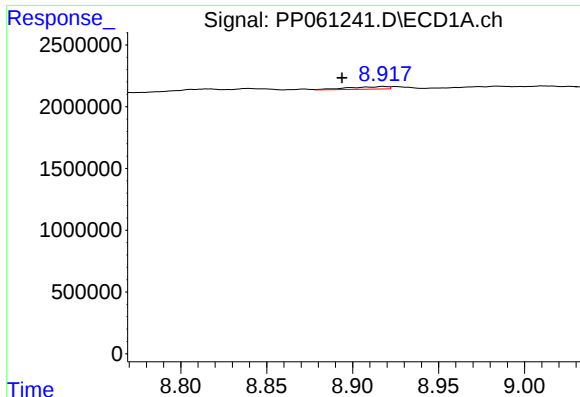
#39 AR-1262-4

R.T.: 8.984 min
Delta R.T.: -0.005 min
Response: 112329
Conc: 0.99 ng/ml



#39 AR-1262-4

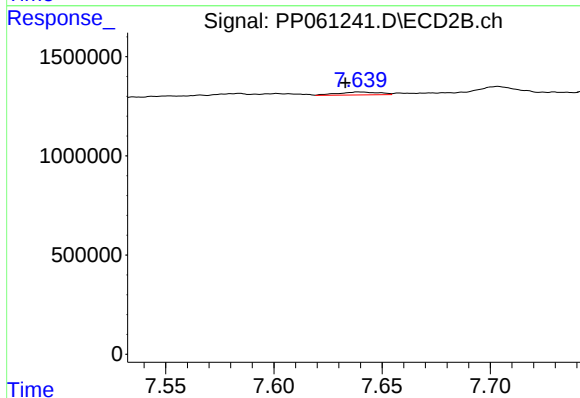
R.T.: 7.703 min
Delta R.T.: 0.007 min
Response: 579607
Conc: 3.83 ng/ml



#41 AR-1268-1

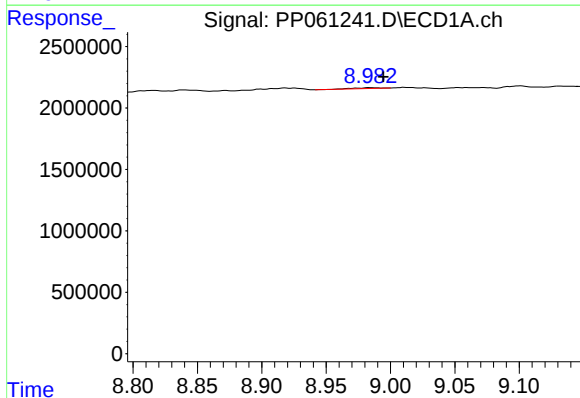
R.T.: 8.918 min
Delta R.T.: 0.024 min
Response: 331392
Conc: 1.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



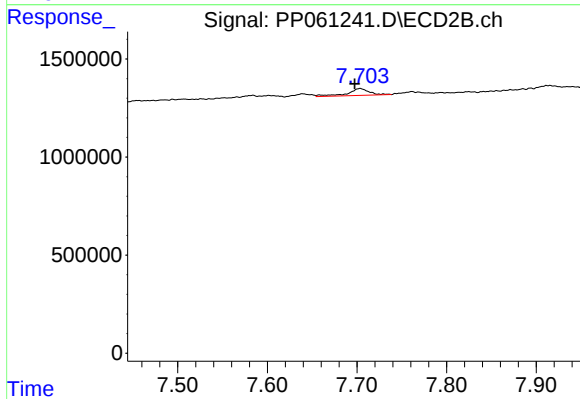
#41 AR-1268-1

R.T.: 7.640 min
Delta R.T.: 0.007 min
Response: 200129
Conc: 0.83 ng/ml



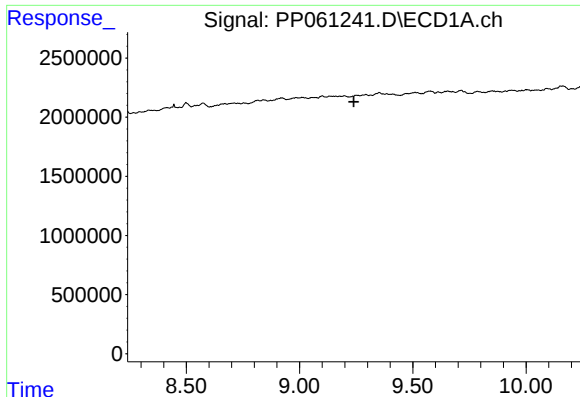
#42 AR-1268-2

R.T.: 8.984 min
Delta R.T.: -0.011 min
Response: 112329
Conc: 0.48 ng/ml



#42 AR-1268-2

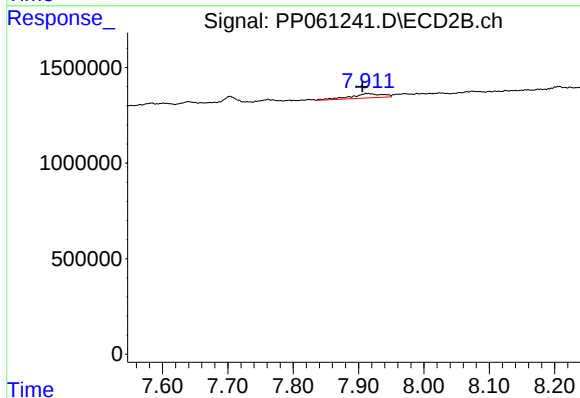
R.T.: 7.703 min
Delta R.T.: 0.006 min
Response: 579607
Conc: 2.70 ng/ml



#43 AR-1268-3

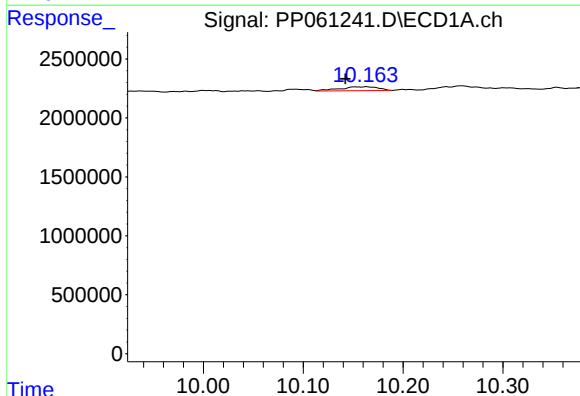
R.T.: 0.000 min
Exp R.T.: 9.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



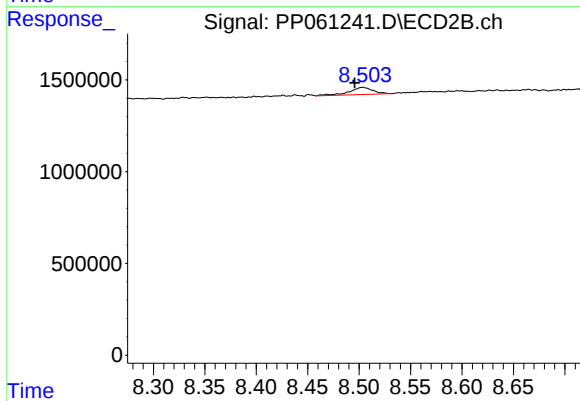
#43 AR-1268-3

R.T.: 7.915 min
Delta R.T.: 0.009 min
Response: 764533
Conc: 4.04 ng/ml



#45 AR-1268-5

R.T.: 10.163 min
Delta R.T.: 0.021 min
Response: 862975
Conc: 1.35 ng/ml



#45 AR-1268-5

R.T.: 8.503 min
Delta R.T.: 0.008 min
Response: 616346
Conc: 1.12 ng/ml