

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102921\
 Data File : PP040553.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Oct 2021 10:21
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:14:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 28 08:58:45 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.750	3.771	2095910	1233022	51.458	45.261
2)	SA Decachlor...	10.681	9.055	1425473	1272711	47.051	45.364
Target Compounds							
3)	L1 AR-1016-1	6.070	5.022	18171	11509	14.184	11.662
4)	L1 AR-1016-2	6.098	5.041	22765	10632	11.380	7.301 #
5)	L1 AR-1016-3	0.000	5.235	0	6654	N.D.	8.306 #
6)	L1 AR-1016-4	6.264	5.286	12896	279719	13.045	421.370 #
7)	L1 AR-1016-5	6.582	5.513	268652	164873	277.086	223.758
8)	L2 AR-1221-1	4.989	0.000	25471	0	52.556	N.D. #
9)	L2 AR-1221-2	5.100	4.122	27188	16040	80.098	61.504
10)	L2 AR-1221-3	0.000	4.215	0	33451	N.D.	39.335 #
11)	L3 AR-1232-1	0.000	4.215	0	33451	N.D.	47.367 #
12)	L3 AR-1232-2	0.000	5.041	0	10632	N.D.	17.776 #
13)	L3 AR-1232-3	6.098	5.235	22765	6654	27.631	21.417
14)	L3 AR-1232-4	6.264	5.328	12896	87841	32.756	342.806 #
15)	L3 AR-1232-5	6.365	5.513	440116	164873	1654.912	613.006 #
16)	L4 AR-1242-1	6.070	5.022	18171	11509	18.777	15.854
17)	L4 AR-1242-2	6.098	5.041	22765	10632	15.151	10.020 #
18)	L4 AR-1242-3	0.000	5.235	0	6654	N.D.	11.441 #
19)	L4 AR-1242-4	6.264	5.328	12896	87841	17.099	171.236 #
20)	L4 AR-1242-5	7.053	5.894	253908	641268	320.680	944.901 #
21)	L5 AR-1248-1	6.070	5.022	18171	11509	24.324	21.997
22)	L5 AR-1248-2	6.365	5.286	440116	279719	425.143	350.975
23)	L5 AR-1248-3	6.582	5.328	268652	87841	208.813	118.268 #
24)	L5 AR-1248-4	7.012	5.513	395028	164873	268.781	197.302 #
25)	L5 AR-1248-5	7.053	5.937	253908	83028	177.546	84.457 #
26)	L6 AR-1254-1	6.980	5.894	734399	641268	497.796	454.247
27)	L6 AR-1254-2	7.211	6.055	1128618	564442	501.372	454.197
28)	L6 AR-1254-3	7.594	6.475	1212493	842123	503.120	442.514
29)	L6 AR-1254-4	7.890	6.716	873137	556466	508.360	481.208
30)	L6 AR-1254-5	8.319	7.146	935123	818149	514.049	473.038
31)	L7 AR-1260-1	7.760	6.613	485797	454913	311.296	318.215
32)	L7 AR-1260-2	8.027	6.811	540110	375532	293.071	224.344
33)	L7 AR-1260-3	8.381f	6.963	132316	373623	95.407	236.267 #
34)	L7 AR-1260-4	8.615	7.450	356170	40571	225.579	30.016 #
35)	L7 AR-1260-5	8.940	7.700	125244	93655	42.492	31.193 #
36)	L8 AR-1262-1	8.381f	7.215f	132316	68572	62.604	39.562 #
37)	L8 AR-1262-2	8.940	7.700	125244	93655	34.965	31.118
38)	L8 AR-1262-3	9.259	8.002	103979	16073	59.266	12.547 #
39)	L8 AR-1262-4	9.308f	8.048	21335	106649	18.534	45.615 #
40)	L8 AR-1262-5	0.000	8.551	0	3388	N.D.	2.973 #
41)	L9 AR-1268-1	9.259f	8.002	103979	16073	25.180	4.547 #

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 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

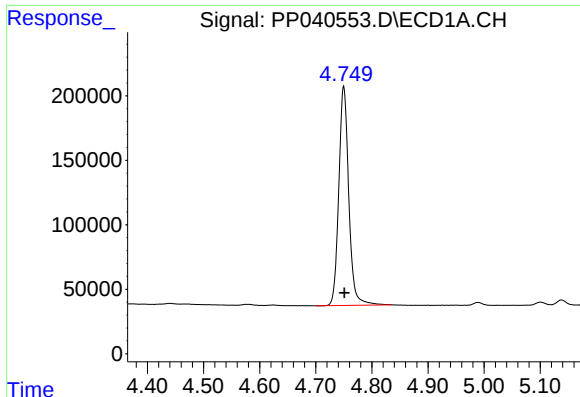
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:14:34 2021
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 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	9.308f	8.048	21335	106649	5.440	31.646 #
43) L9	AR-1268-3	0.000	8.259	0	4574	N.D.	1.557 #
44) L9	AR-1268-4	0.000	8.551	0	3388	N.D.	2.791 #
45) L9	AR-1268-5	0.000	8.824	0	8404	N.D.	0.936 #

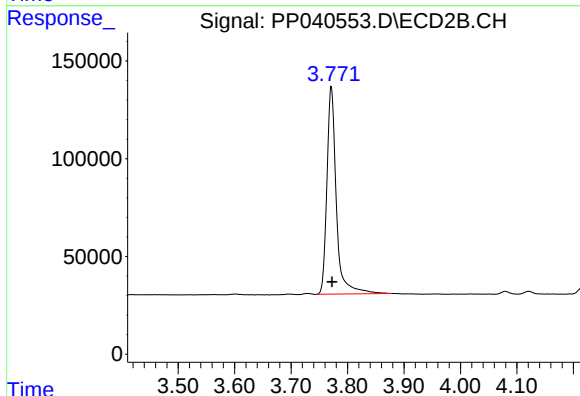
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

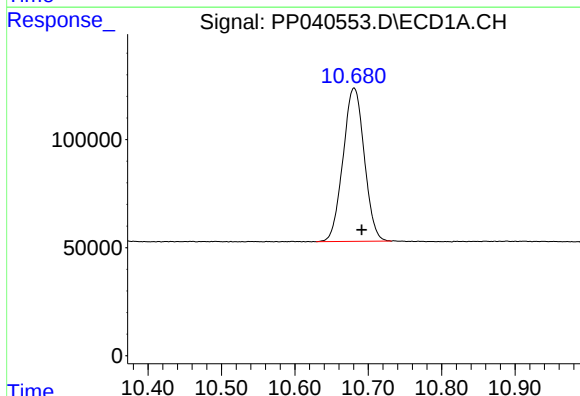
R.T.: 4.750 min
Delta R.T.: -0.001 min
Response: 2095910
Conc: 51.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



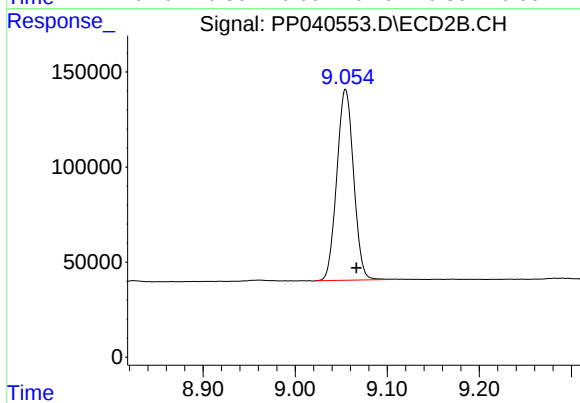
#1 Tetrachloro-m-xylene

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 1233022
Conc: 45.26 ng/ml



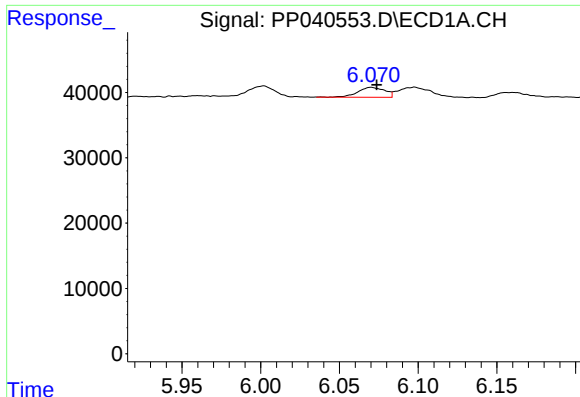
#2 Decachlorobiphenyl

R.T.: 10.681 min
Delta R.T.: -0.010 min
Response: 1425473
Conc: 47.05 ng/ml



#2 Decachlorobiphenyl

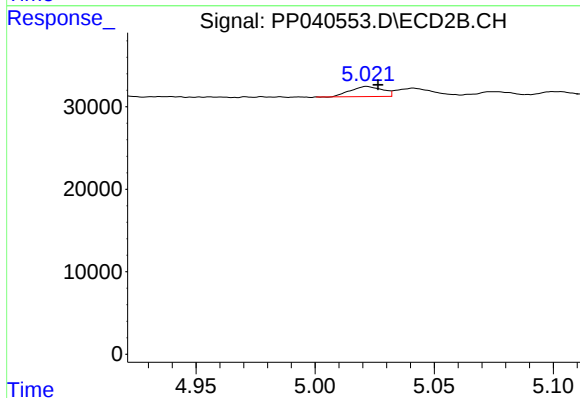
R.T.: 9.055 min
Delta R.T.: -0.012 min
Response: 1272711
Conc: 45.36 ng/ml



#3 AR-1016-1

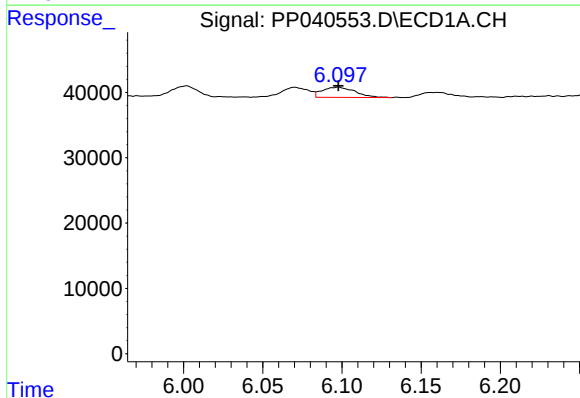
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 18171
Conc: 14.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



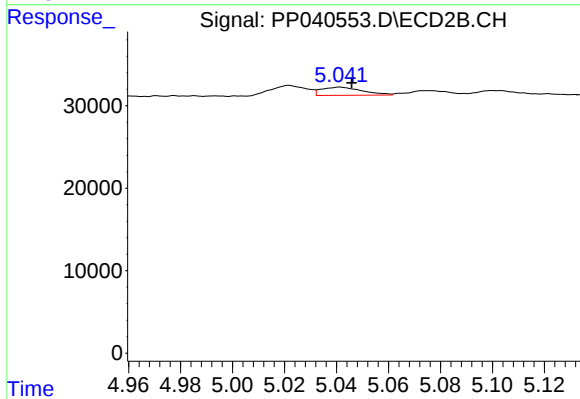
#3 AR-1016-1

R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 11509
Conc: 11.66 ng/ml



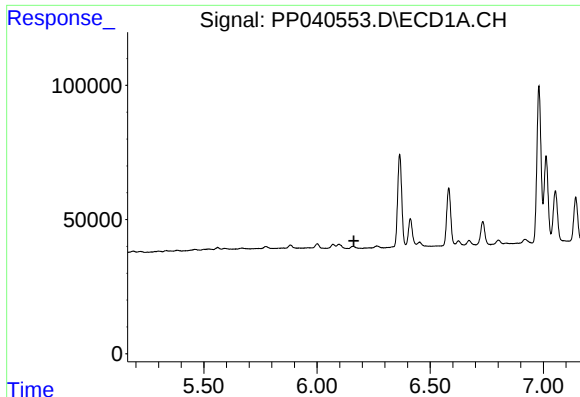
#4 AR-1016-2

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 22765
Conc: 11.38 ng/ml



#4 AR-1016-2

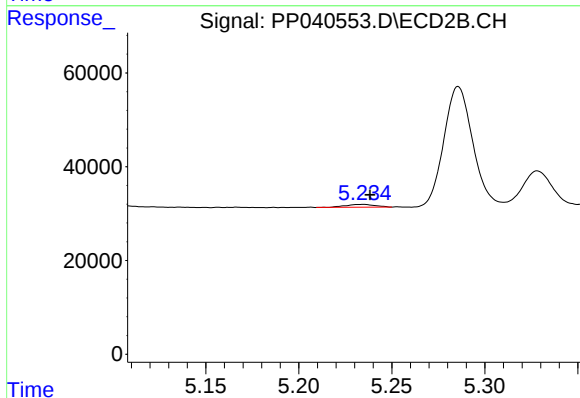
R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 10632
Conc: 7.30 ng/ml



#5 AR-1016-3

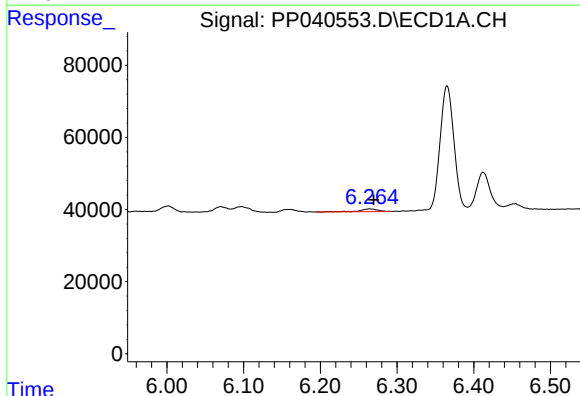
R.T.: 0.000 min
Exp R.T.: 6.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



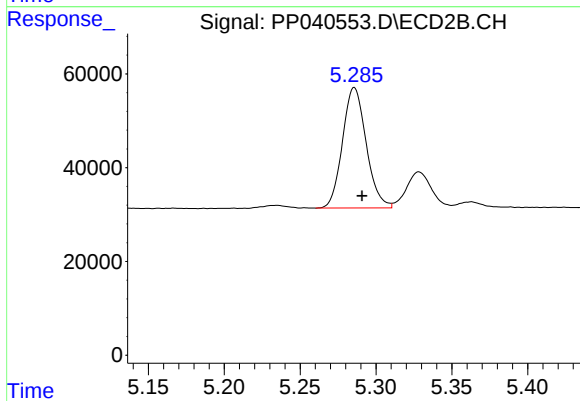
#5 AR-1016-3

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 6654
Conc: 8.31 ng/ml



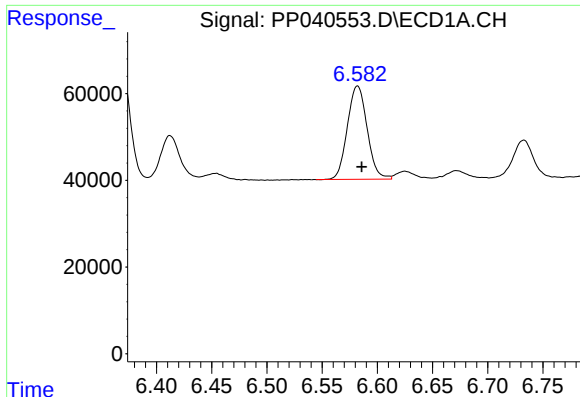
#6 AR-1016-4

R.T.: 6.264 min
Delta R.T.: -0.005 min
Response: 12896
Conc: 13.05 ng/ml



#6 AR-1016-4

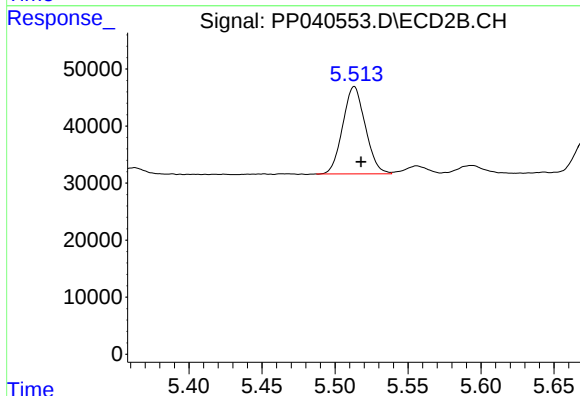
R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 279719
Conc: 421.37 ng/ml



#7 AR-1016-5

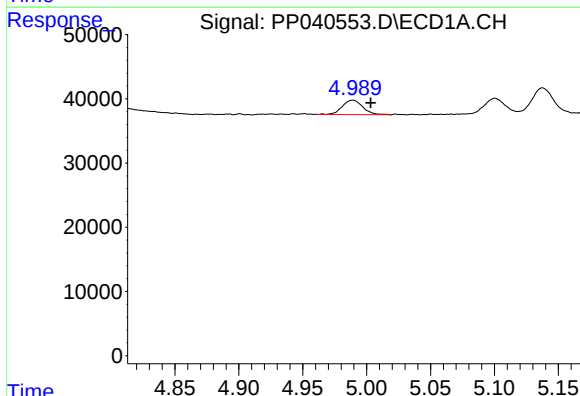
R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 268652
Conc: 277.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



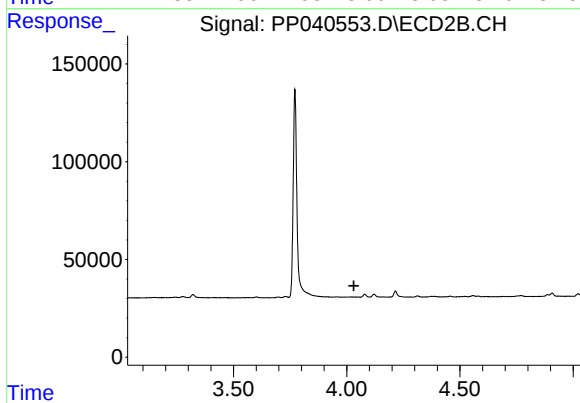
#7 AR-1016-5

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 164873
Conc: 223.76 ng/ml



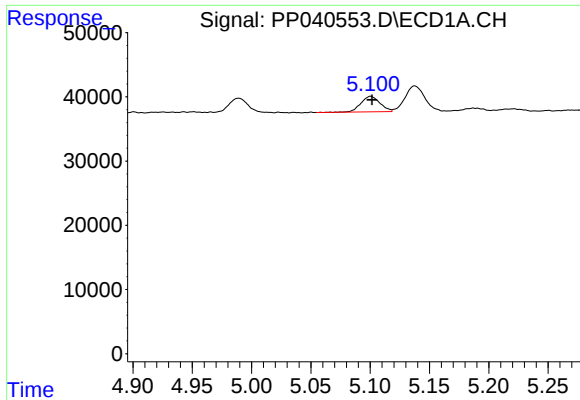
#8 AR-1221-1

R.T.: 4.989 min
Delta R.T.: -0.014 min
Response: 25471
Conc: 52.56 ng/ml



#8 AR-1221-1

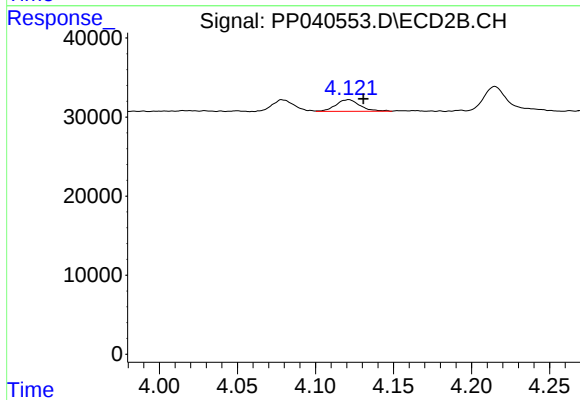
R.T.: 0.000 min
Exp R.T. : 4.032 min
Response: 0
Conc: N.D.



#9 AR-1221-2

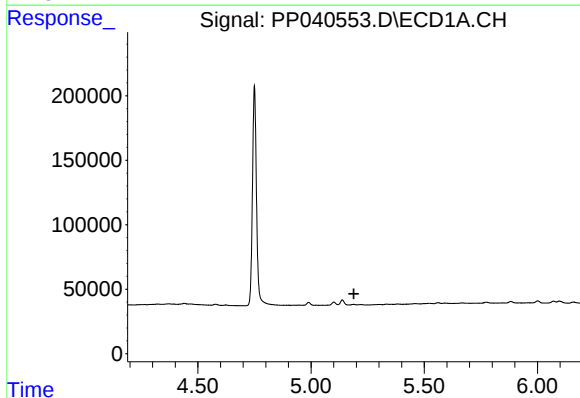
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 27188
Conc: 80.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



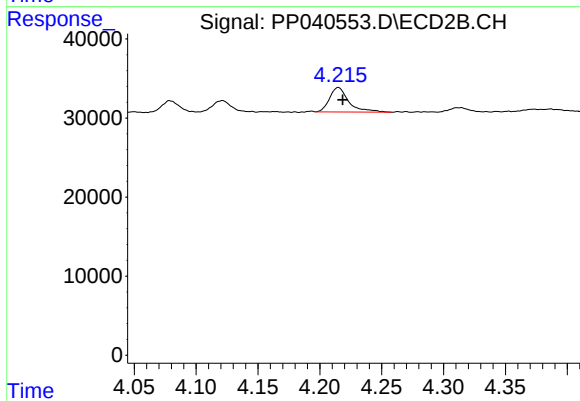
#9 AR-1221-2

R.T.: 4.122 min
Delta R.T.: -0.009 min
Response: 16040
Conc: 61.50 ng/ml



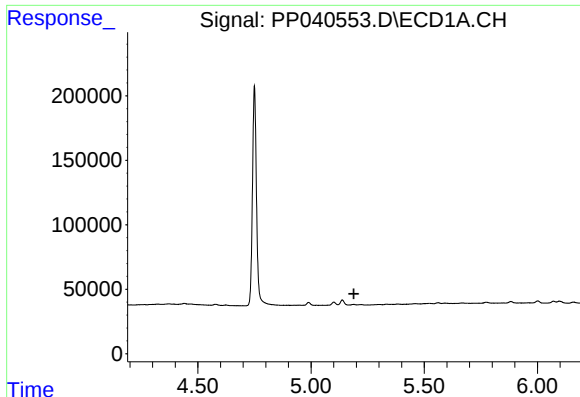
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.189 min
Response: 0
Conc: N.D.



#10 AR-1221-3

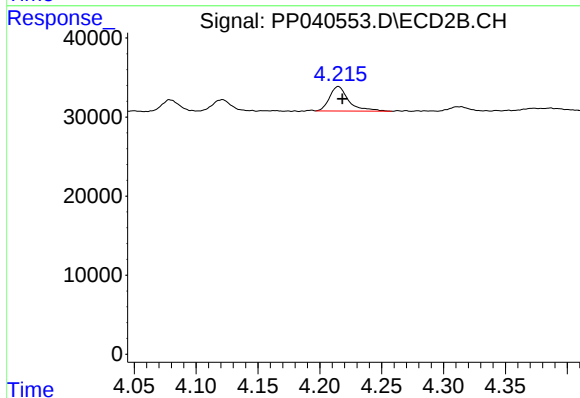
R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 33451
Conc: 39.33 ng/ml



#11 AR-1232-1

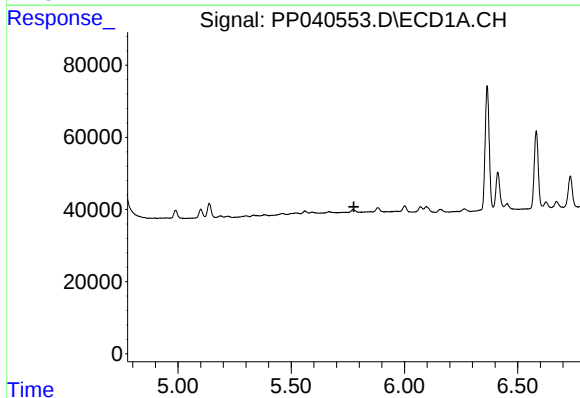
R.T.: 0.000 min
Exp R.T.: 5.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



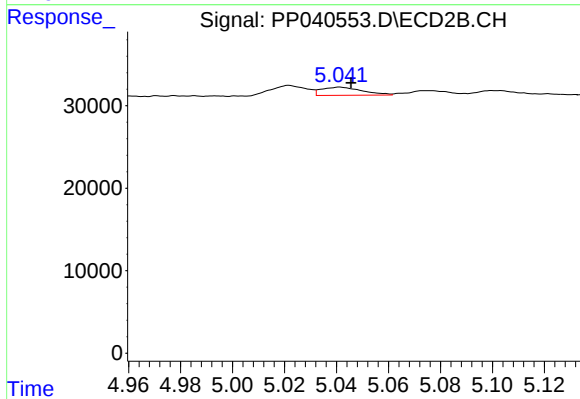
#11 AR-1232-1

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 33451
Conc: 47.37 ng/ml



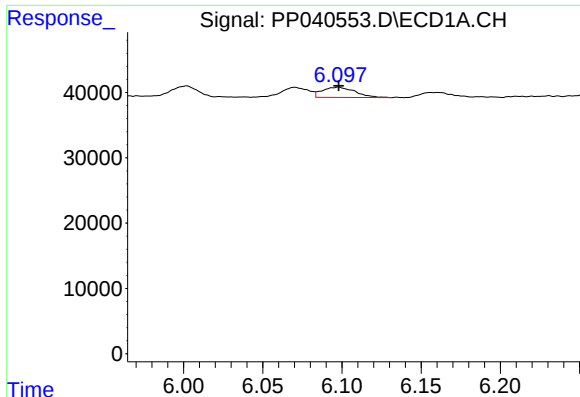
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.777 min
Response: 0
Conc: N.D.



#12 AR-1232-2

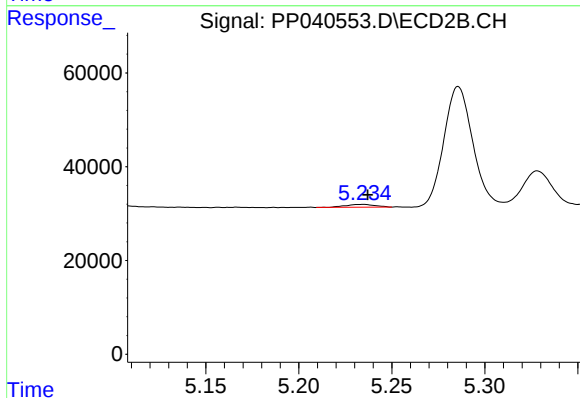
R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 10632
Conc: 17.78 ng/ml



#13 AR-1232-3

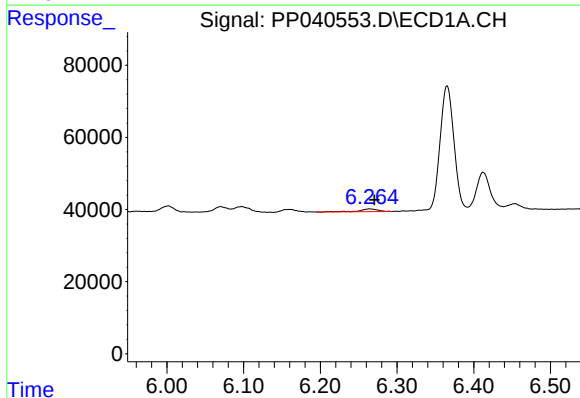
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 22765
Conc: 27.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



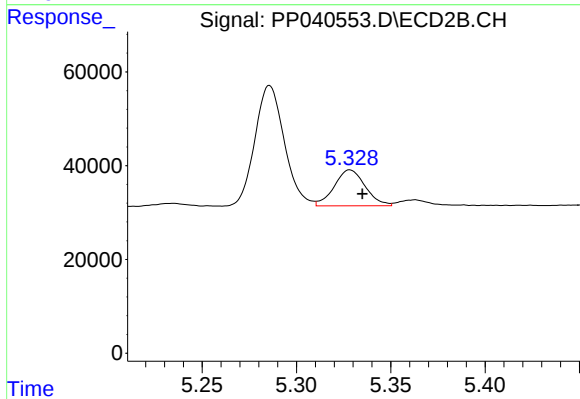
#13 AR-1232-3

R.T.: 5.235 min
Delta R.T.: -0.002 min
Response: 6654
Conc: 21.42 ng/ml



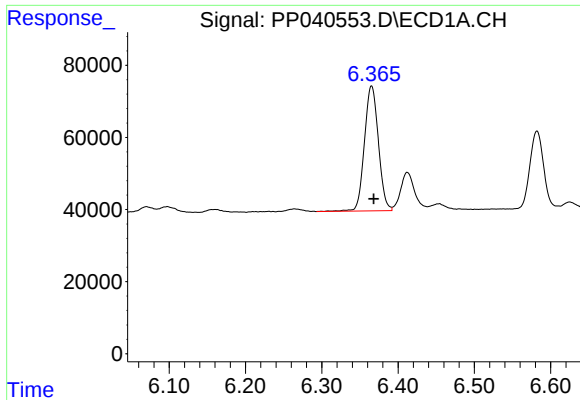
#14 AR-1232-4

R.T.: 6.264 min
Delta R.T.: -0.006 min
Response: 12896
Conc: 32.76 ng/ml



#14 AR-1232-4

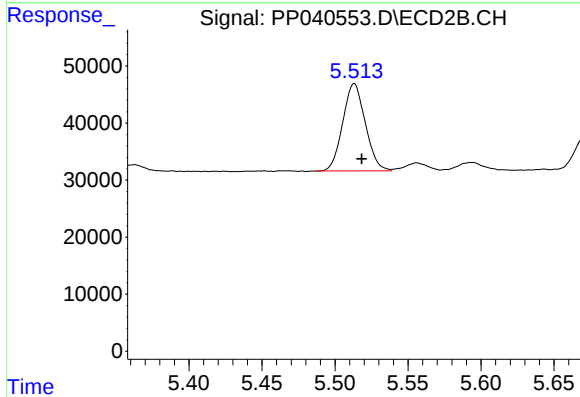
R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 87841
Conc: 342.81 ng/ml



#15 AR-1232-5

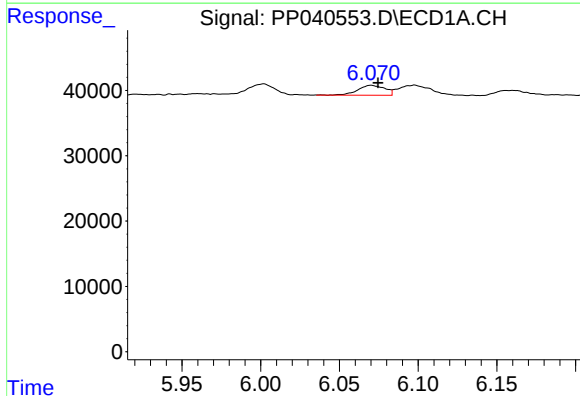
R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 440116
Conc: 1654.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



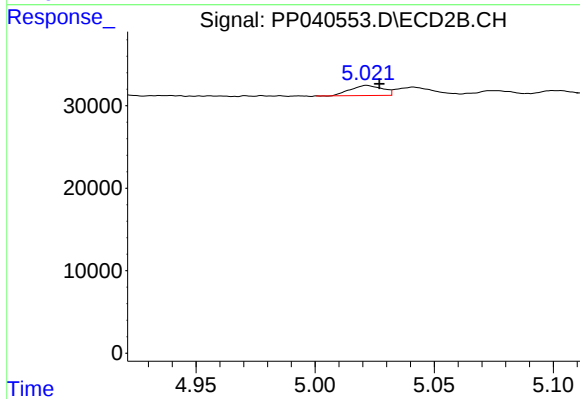
#15 AR-1232-5

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 164873
Conc: 613.01 ng/ml



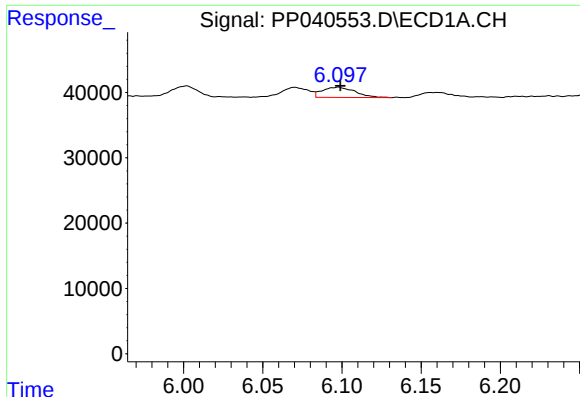
#16 AR-1242-1

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 18171
Conc: 18.78 ng/ml



#16 AR-1242-1

R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 11509
Conc: 15.85 ng/ml



#17 AR-1242-2

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 22765
Conc: 15.15 ng/ml

Instrument :
ECD_P
ClientSampleId :

#17 AR-1242-2

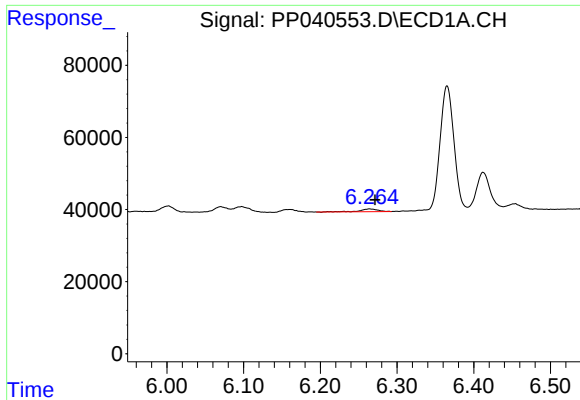
R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 10632
Conc: 10.02 ng/ml

#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.

#18 AR-1242-3

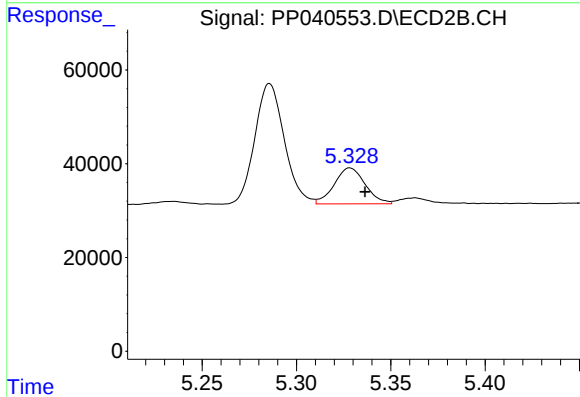
R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 6654
Conc: 11.44 ng/ml



#19 AR-1242-4

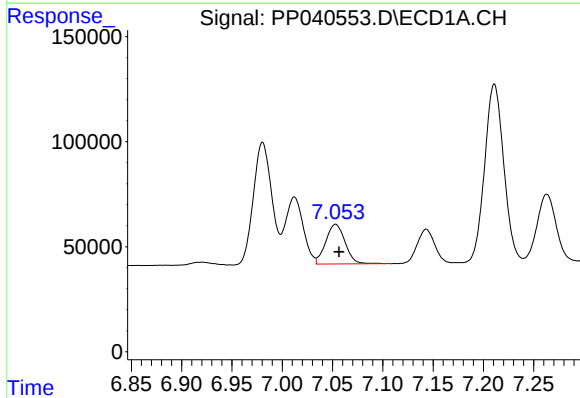
R.T.: 6.264 min
Delta R.T.: -0.007 min
Response: 12896
Conc: 17.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



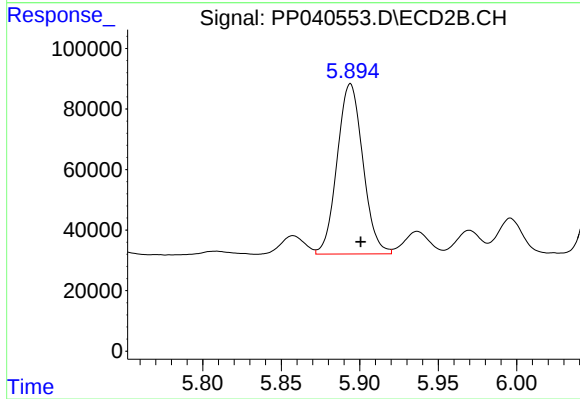
#19 AR-1242-4

R.T.: 5.328 min
Delta R.T.: -0.008 min
Response: 87841
Conc: 171.24 ng/ml



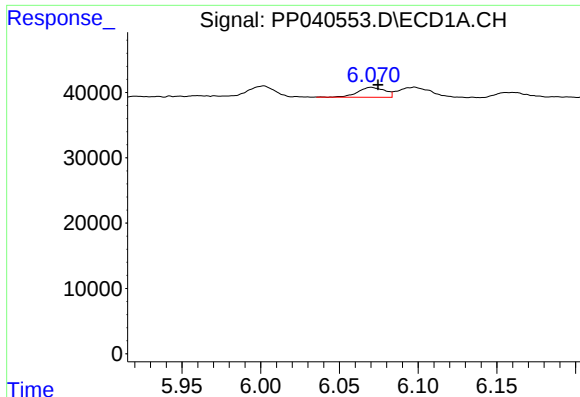
#20 AR-1242-5

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 253908
Conc: 320.68 ng/ml



#20 AR-1242-5

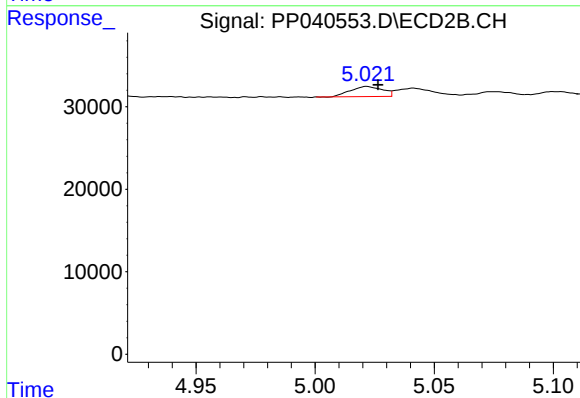
R.T.: 5.894 min
Delta R.T.: -0.007 min
Response: 641268
Conc: 944.90 ng/ml



#21 AR-1248-1

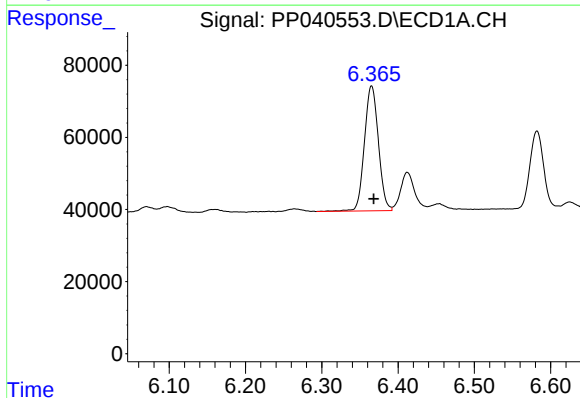
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 18171
Conc: 24.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



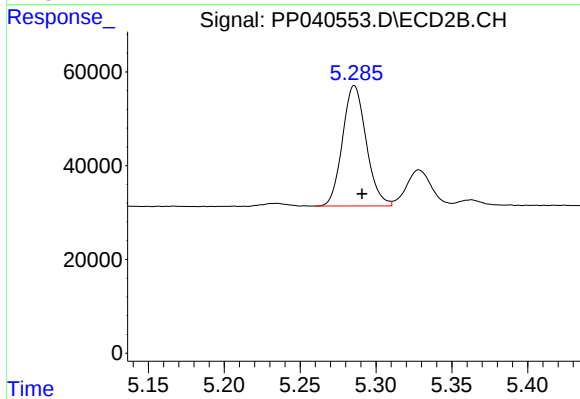
#21 AR-1248-1

R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 11509
Conc: 22.00 ng/ml



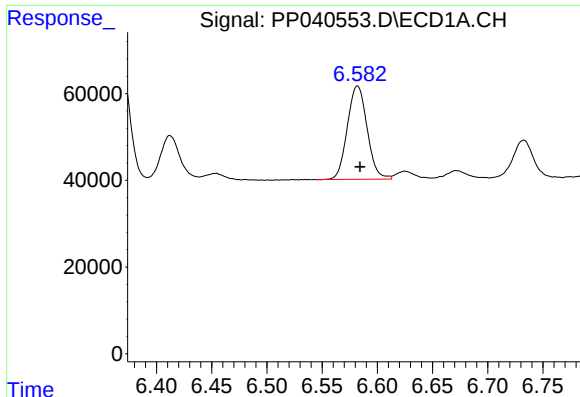
#22 AR-1248-2

R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 440116
Conc: 425.14 ng/ml



#22 AR-1248-2

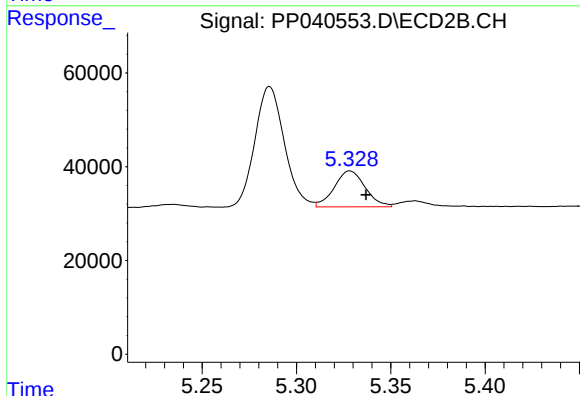
R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 279719
Conc: 350.98 ng/ml



#23 AR-1248-3

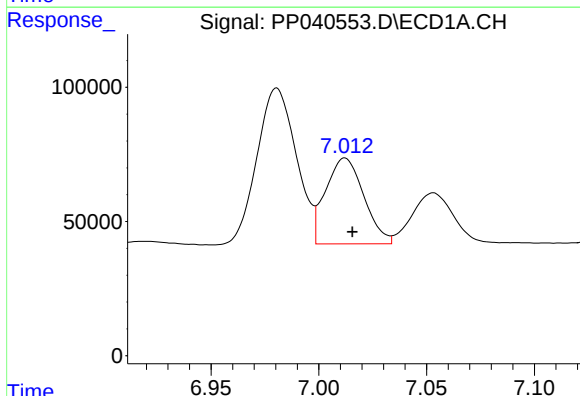
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 268652
Conc: 208.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



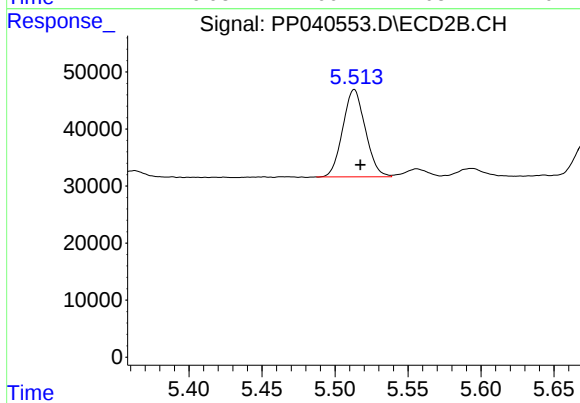
#23 AR-1248-3

R.T.: 5.328 min
Delta R.T.: -0.009 min
Response: 87841
Conc: 118.27 ng/ml



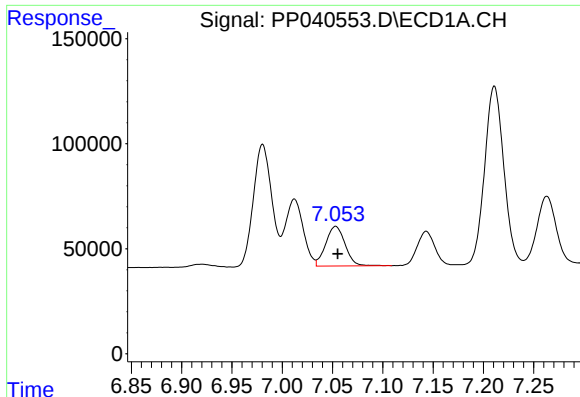
#24 AR-1248-4

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 395028
Conc: 268.78 ng/ml



#24 AR-1248-4

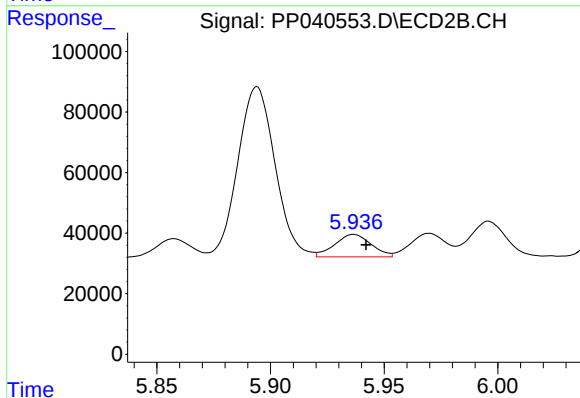
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 164873
Conc: 197.30 ng/ml



#25 AR-1248-5

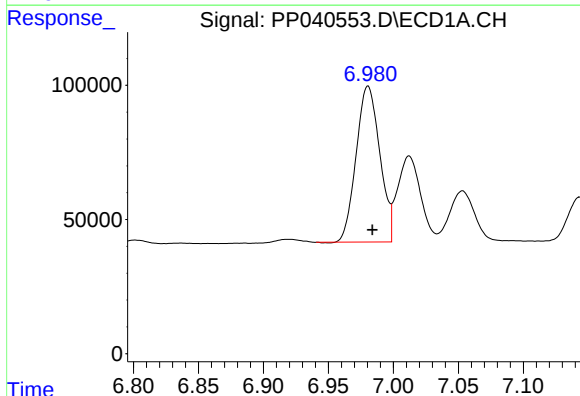
R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 253908
Conc: 177.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



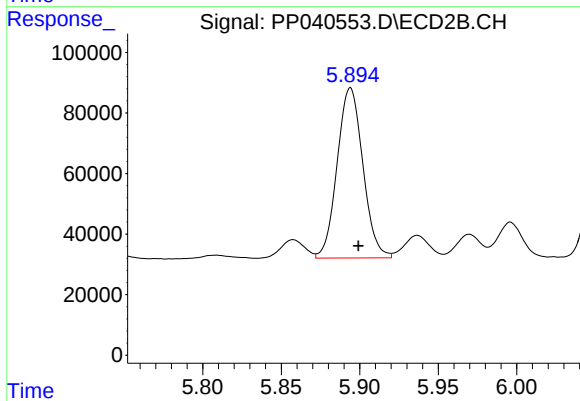
#25 AR-1248-5

R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 83028
Conc: 84.46 ng/ml



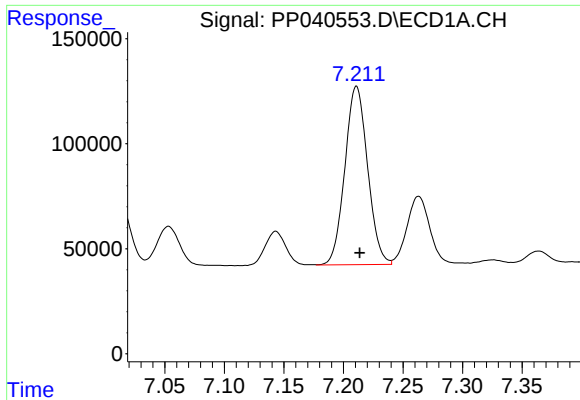
#26 AR-1254-1

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 734399
Conc: 497.80 ng/ml



#26 AR-1254-1

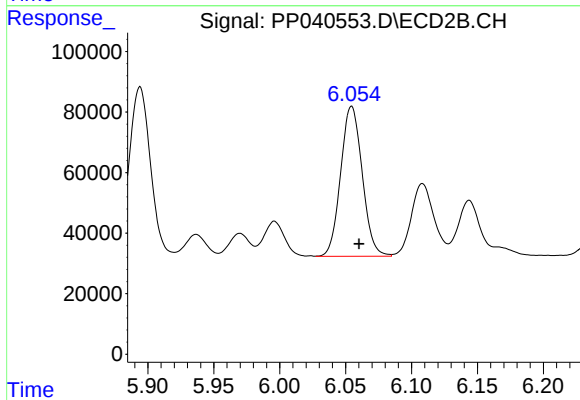
R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 641268
Conc: 454.25 ng/ml



#27 AR-1254-2

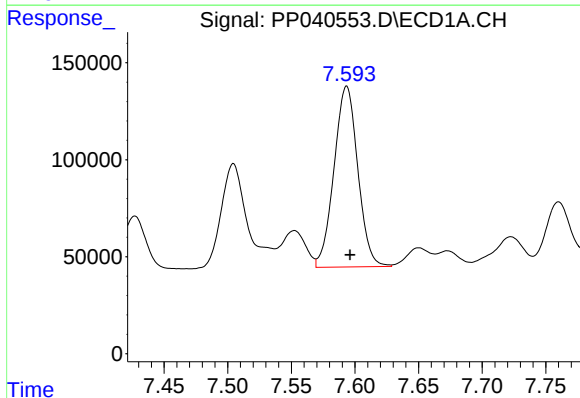
R.T.: 7.211 min
Delta R.T.: -0.003 min
Response: 1128618
Conc: 501.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



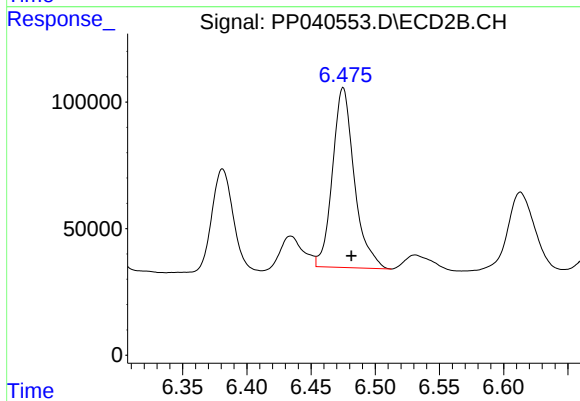
#27 AR-1254-2

R.T.: 6.055 min
Delta R.T.: -0.006 min
Response: 564442
Conc: 454.20 ng/ml



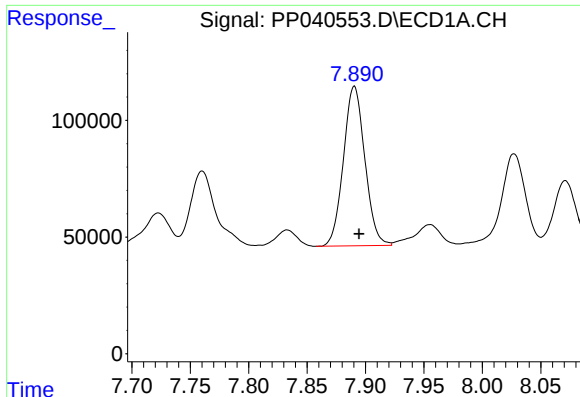
#28 AR-1254-3

R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 1212493
Conc: 503.12 ng/ml



#28 AR-1254-3

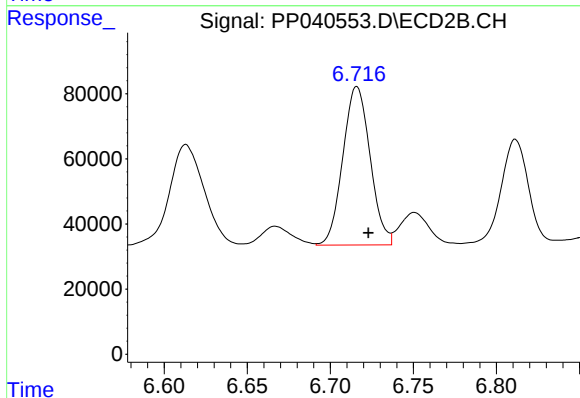
R.T.: 6.475 min
Delta R.T.: -0.006 min
Response: 842123
Conc: 442.51 ng/ml



#29 AR-1254-4

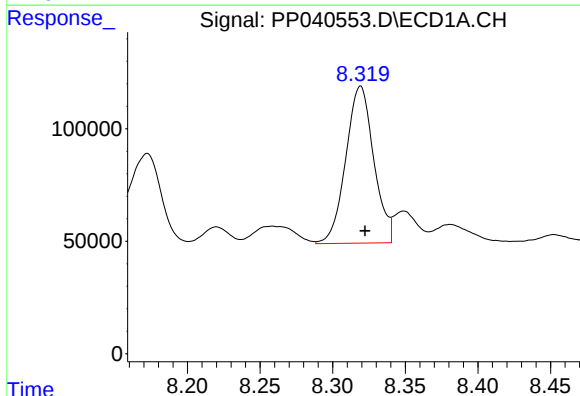
R.T.: 7.890 min
Delta R.T.: -0.004 min
Response: 873137
Conc: 508.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



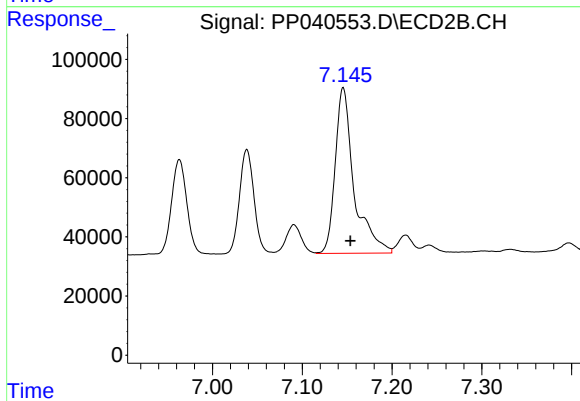
#29 AR-1254-4

R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 556466
Conc: 481.21 ng/ml



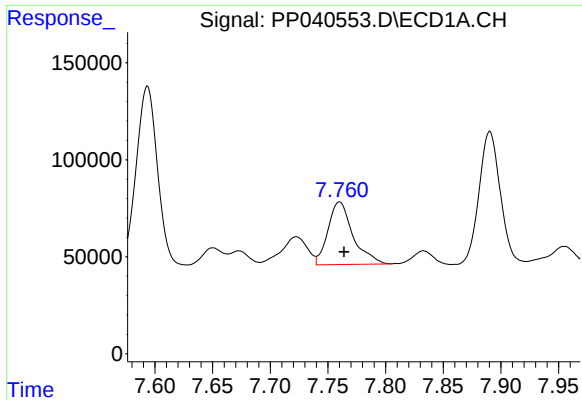
#30 AR-1254-5

R.T.: 8.319 min
Delta R.T.: -0.003 min
Response: 935123
Conc: 514.05 ng/ml



#30 AR-1254-5

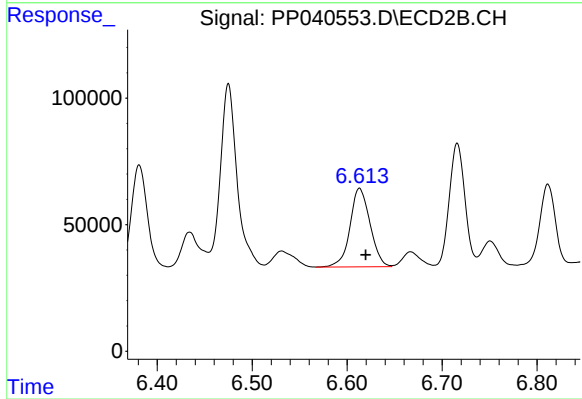
R.T.: 7.146 min
Delta R.T.: -0.008 min
Response: 818149
Conc: 473.04 ng/ml



#31 AR-1260-1

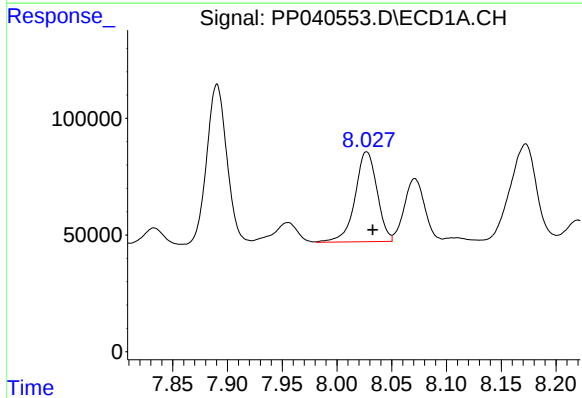
R.T.: 7.760 min
Delta R.T.: -0.004 min
Response: 485797
Conc: 311.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



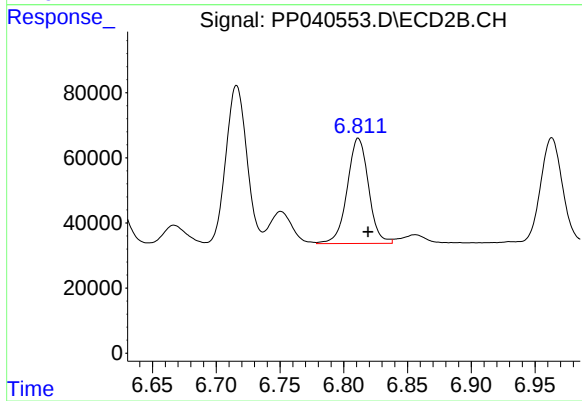
#31 AR-1260-1

R.T.: 6.613 min
Delta R.T.: -0.007 min
Response: 454913
Conc: 318.22 ng/ml



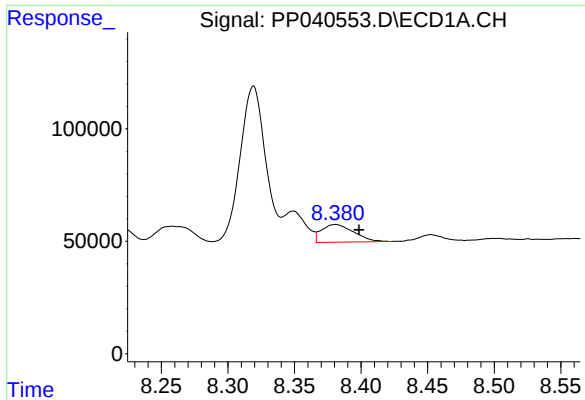
#32 AR-1260-2

R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 540110
Conc: 293.07 ng/ml



#32 AR-1260-2

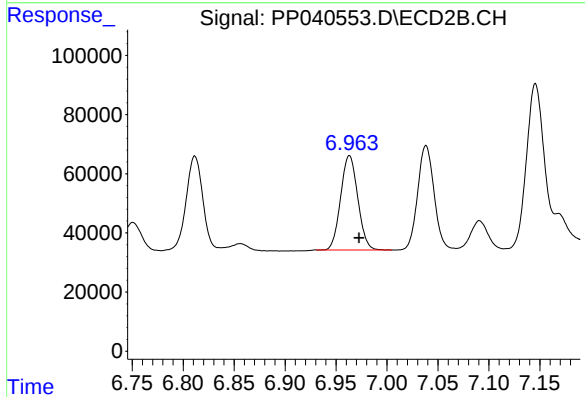
R.T.: 6.811 min
Delta R.T.: -0.007 min
Response: 375532
Conc: 224.34 ng/ml



#33 AR-1260-3

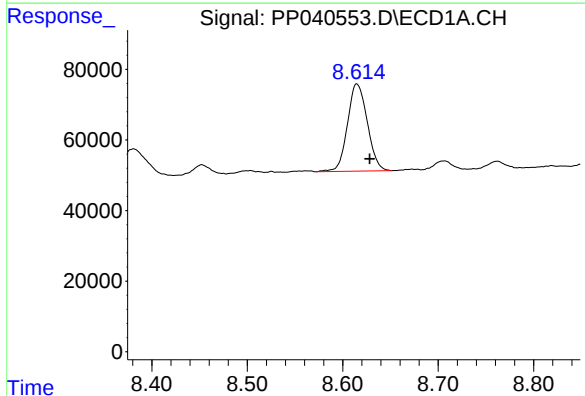
R.T.: 8.381 min
Delta R.T.: -0.018 min
Response: 132316
Conc: 95.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



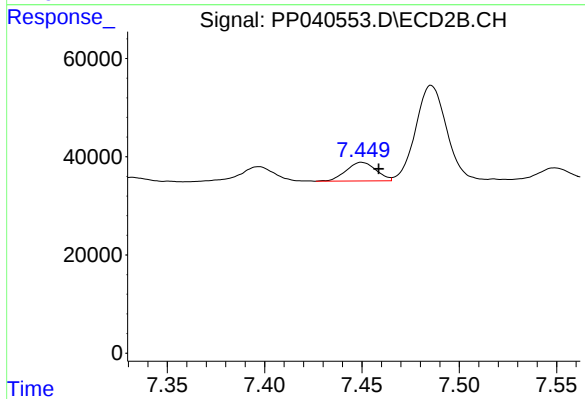
#33 AR-1260-3

R.T.: 6.963 min
Delta R.T.: -0.009 min
Response: 373623
Conc: 236.27 ng/ml



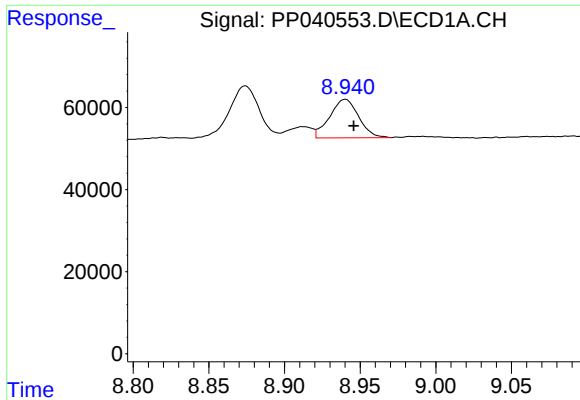
#34 AR-1260-4

R.T.: 8.615 min
Delta R.T.: -0.014 min
Response: 356170
Conc: 225.58 ng/ml



#34 AR-1260-4

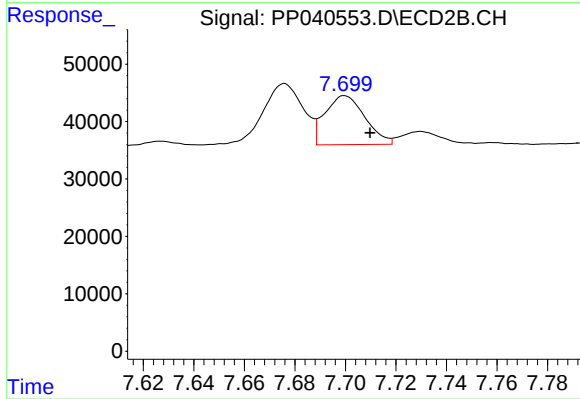
R.T.: 7.450 min
Delta R.T.: -0.009 min
Response: 40571
Conc: 30.02 ng/ml



#35 AR-1260-5

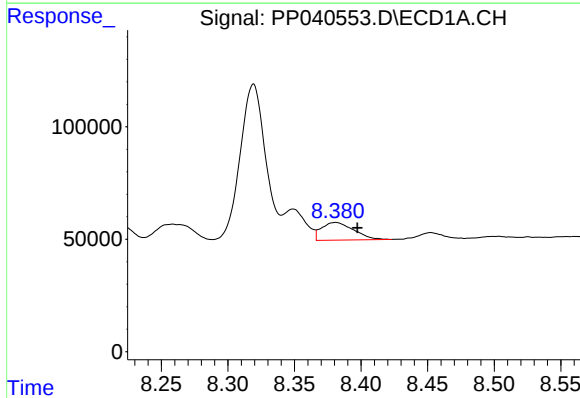
R.T.: 8.940 min
Delta R.T.: -0.006 min
Response: 125244
Conc: 42.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



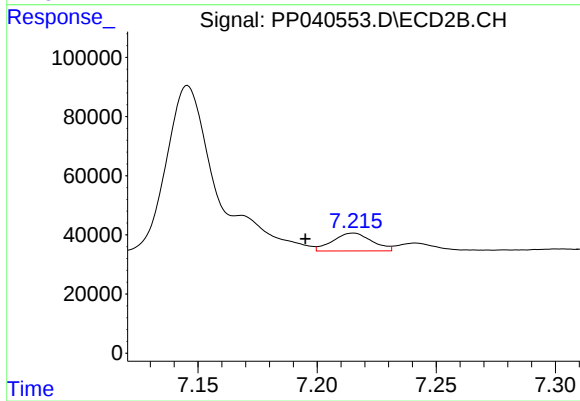
#35 AR-1260-5

R.T.: 7.700 min
Delta R.T.: -0.010 min
Response: 93655
Conc: 31.19 ng/ml



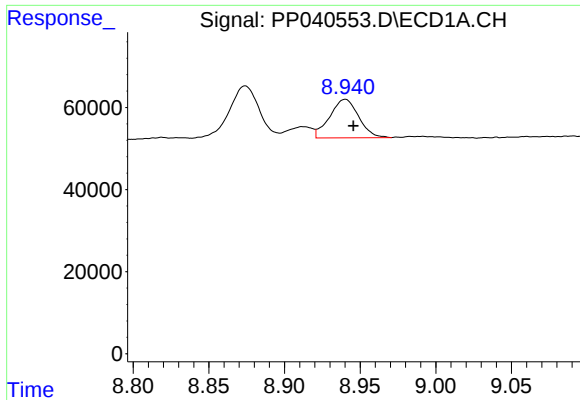
#36 AR-1262-1

R.T.: 8.381 min
Delta R.T.: -0.017 min
Response: 132316
Conc: 62.60 ng/ml



#36 AR-1262-1

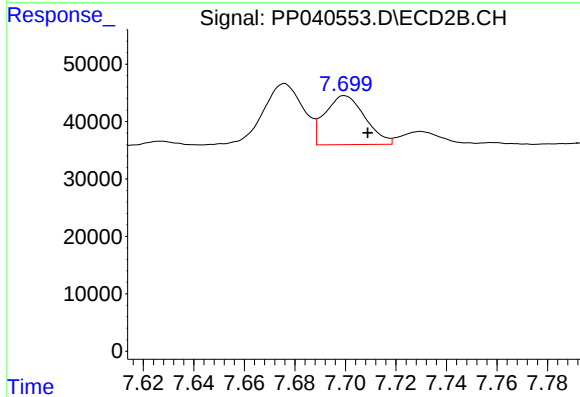
R.T.: 7.215 min
Delta R.T.: 0.020 min
Response: 68572
Conc: 39.56 ng/ml



#37 AR-1262-2

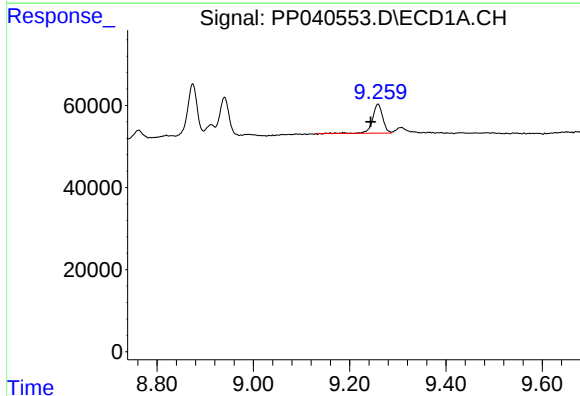
R.T.: 8.940 min
Delta R.T.: -0.005 min
Response: 125244
Conc: 34.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



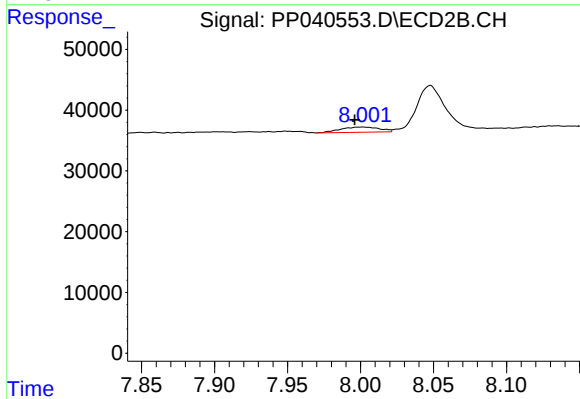
#37 AR-1262-2

R.T.: 7.700 min
Delta R.T.: -0.009 min
Response: 93655
Conc: 31.12 ng/ml



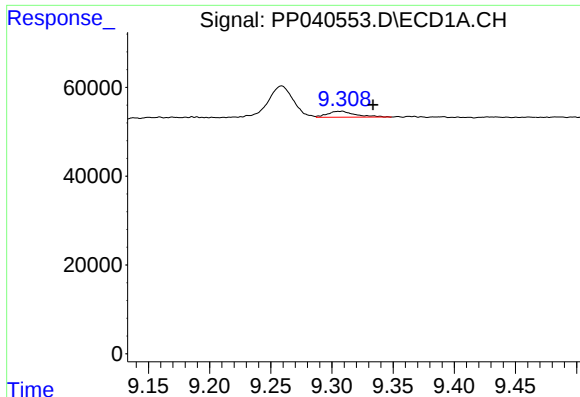
#38 AR-1262-3

R.T.: 9.259 min
Delta R.T.: 0.015 min
Response: 103979
Conc: 59.27 ng/ml



#38 AR-1262-3

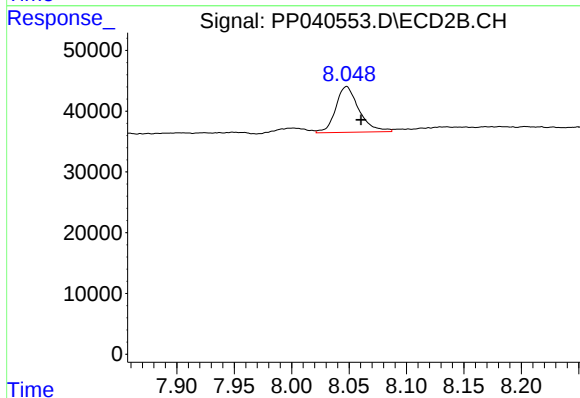
R.T.: 8.002 min
Delta R.T.: 0.005 min
Response: 16073
Conc: 12.55 ng/ml



#39 AR-1262-4

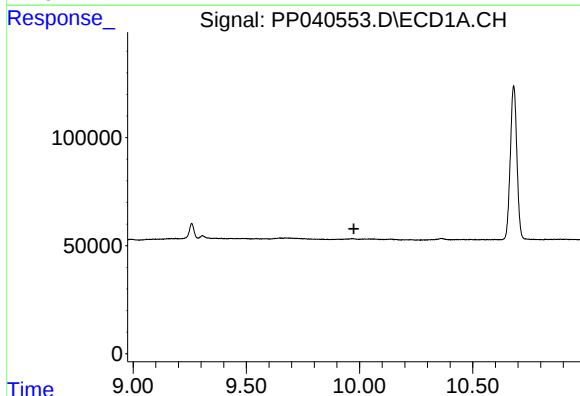
R.T.: 9.308 min
Delta R.T.: -0.026 min
Response: 21335
Conc: 18.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



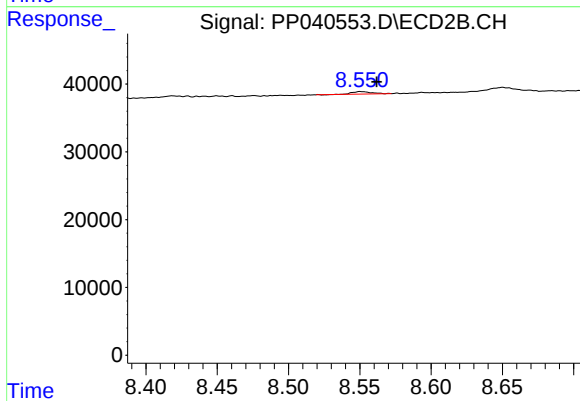
#39 AR-1262-4

R.T.: 8.048 min
Delta R.T.: -0.013 min
Response: 106649
Conc: 45.61 ng/ml



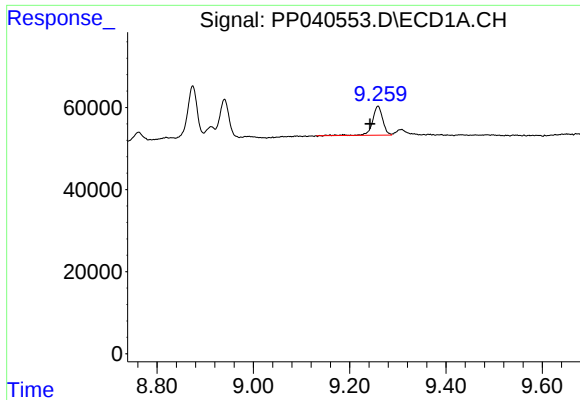
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.975 min
Response: 0
Conc: N.D.



#40 AR-1262-5

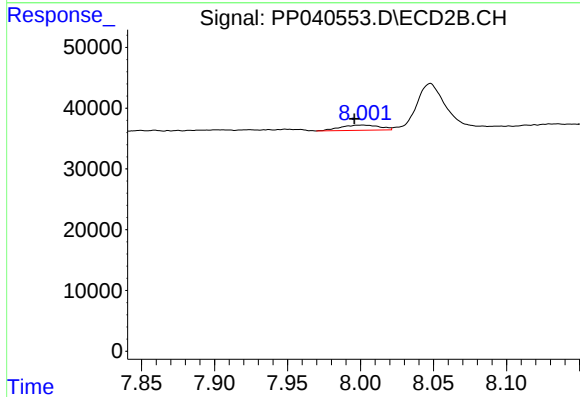
R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 3388
Conc: 2.97 ng/ml



#41 AR-1268-1

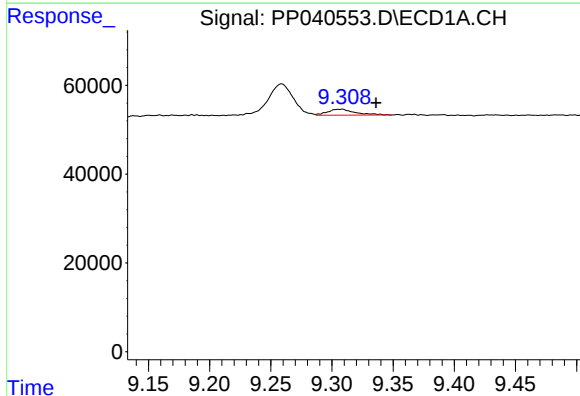
R.T.: 9.259 min
Delta R.T.: 0.016 min
Response: 103979
Conc: 25.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



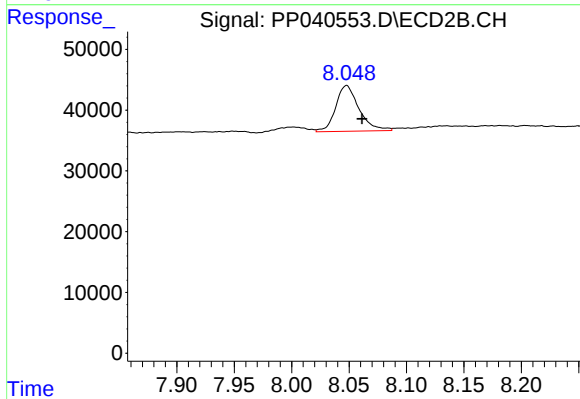
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.006 min
Response: 16073
Conc: 4.55 ng/ml



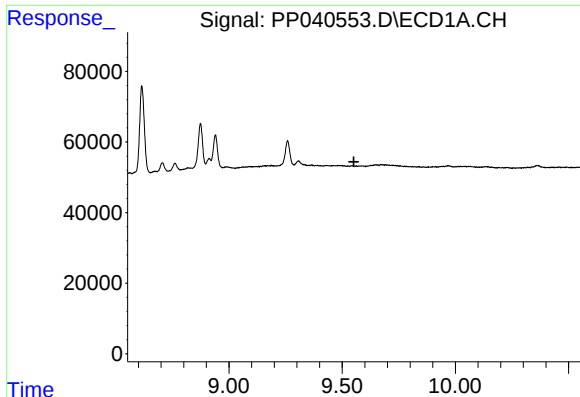
#42 AR-1268-2

R.T.: 9.308 min
Delta R.T.: -0.028 min
Response: 21335
Conc: 5.44 ng/ml



#42 AR-1268-2

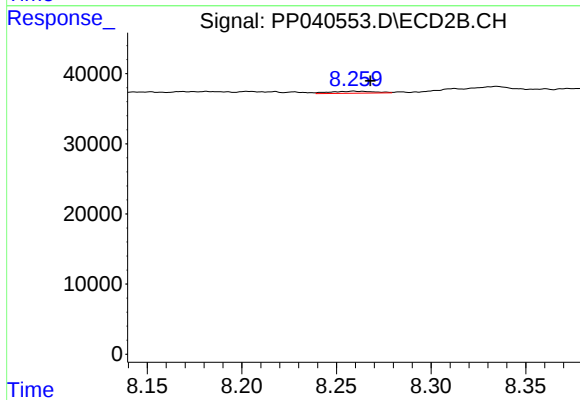
R.T.: 8.048 min
Delta R.T.: -0.014 min
Response: 106649
Conc: 31.65 ng/ml



#43 AR-1268-3

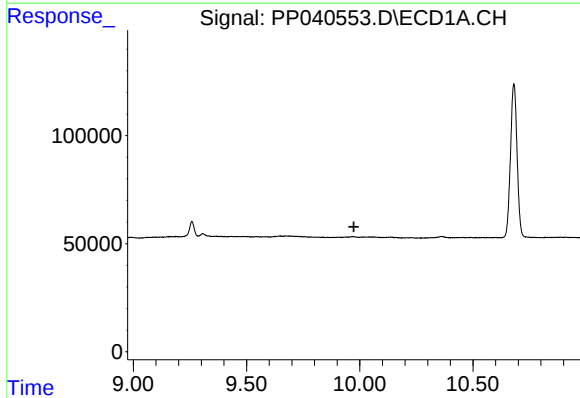
R.T.: 0.000 min
Exp R.T.: 9.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



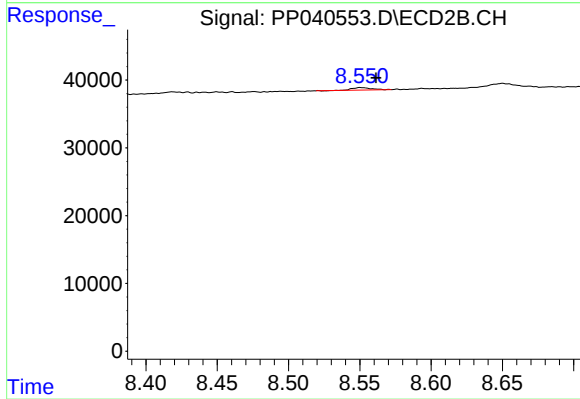
#43 AR-1268-3

R.T.: 8.259 min
Delta R.T.: -0.009 min
Response: 4574
Conc: 1.56 ng/ml



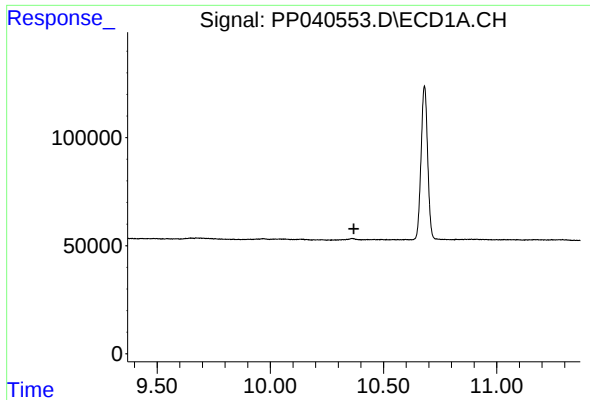
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.974 min
Response: 0
Conc: N.D.



#44 AR-1268-4

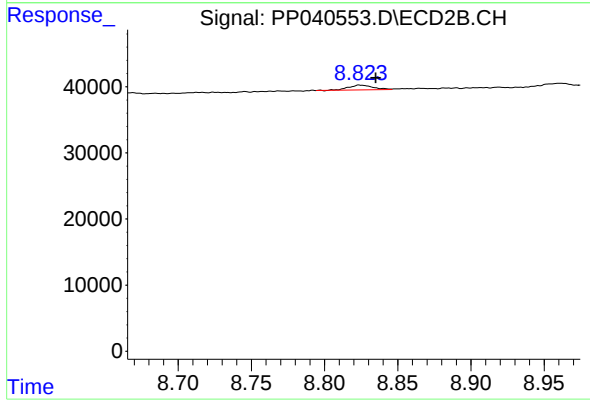
R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 3388
Conc: 2.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.824 min
Delta R.T.: -0.010 min
Response: 8404
Conc: 0.94 ng/ml