

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102821\
 Data File : PP040546.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Oct 2021 2:33
 Operator : AJ\MA
 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 29 04:36:52 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	2132223	1261620	52.350	46.311
2)	SA Decachlor...	10.680	9.054	1391113	1240828	45.917	44.227
Target Compounds							
3)	L1 AR-1016-1	6.070	5.022	399318	240758	311.697	243.943
4)	L1 AR-1016-2	6.095	5.041	497933	250287	248.918	171.879 #
5)	L1 AR-1016-3	6.159	5.233	248421	176388	197.813	220.195
6)	L1 AR-1016-4	6.265	5.286	276369	357329	279.557	538.284 #
7)	L1 AR-1016-5	6.582	5.513	656566	395794	677.177	537.155
8)	L2 AR-1221-1	4.989	0.000	29062	0	59.965	N.D. #
9)	L2 AR-1221-2	5.100	4.120	30699	19422	90.443	74.471
10)	L2 AR-1221-3	5.186	4.215	28476	53330	26.507	62.710 #
11)	L3 AR-1232-1	5.186	4.215	28476	53330	32.111	75.517 #
12)	L3 AR-1232-2	5.774	5.041	175973	250287	397.172	418.480
13)	L3 AR-1232-3	6.095	5.233	497933	176388	604.380	567.745
14)	L3 AR-1232-4	6.265	5.330	276369	372104	701.959	1452.161 #
15)	L3 AR-1232-5	6.365	5.513	541413	395794	2035.806	1471.585 #
16)	L4 AR-1242-1	6.070	5.022	399318	240758	412.643	331.648
17)	L4 AR-1242-2	6.095	5.041	497933	250287	331.410	235.889 #
18)	L4 AR-1242-3	6.159	5.233	248421	176388	263.389	303.301
19)	L4 AR-1242-4	6.265	5.330	276369	372104	366.437	725.374 #
20)	L4 AR-1242-5	7.052	5.895	698328	578888	881.974	852.985
21)	L5 AR-1248-1	6.070	5.022	399318	240758	534.548	460.138
22)	L5 AR-1248-2	6.365	5.286	541413	357329	522.994	448.356
23)	L5 AR-1248-3	6.582	5.330	656566	372104	510.324	500.994
24)	L5 AR-1248-4	7.012	5.513	703870	395794	478.920	473.643
25)	L5 AR-1248-5	7.052	5.937	698328	430003	488.310	437.406
26)	L6 AR-1254-1	6.981	5.895	520171	578888	352.586	410.060
27)	L6 AR-1254-2	7.215	6.055	712296	175060	316.427	140.868 #
28)	L6 AR-1254-3	7.593	6.475	413733	262858	171.677	138.125
29)	L6 AR-1254-4	7.891	6.716	274634	183488	159.898	158.672
30)	L6 AR-1254-5	8.319	7.147	67343	48820	37.019	28.227
31)	L7 AR-1260-1	7.761	6.622	39881	139877	25.556	97.845 #
32)	L7 AR-1260-2	8.025	6.811	64261	26034	34.869	15.553 #
33)	L7 AR-1260-3	8.379f	6.964	10346	30386	7.460	19.215 #
34)	L7 AR-1260-4	8.616	7.485f	25939	16181	16.428	11.971 #
35)	L7 AR-1260-5	8.941	7.701	7587	8438	2.574	2.810
36)	L8 AR-1262-1	8.379f	7.216f	10346	7038	4.895	4.060
37)	L8 AR-1262-2	8.941	7.701	7587	8438	2.118	2.803 #
38)	L8 AR-1262-3	9.260f	0.000	13825	0	7.880	N.D. #
39)	L8 AR-1262-4	0.000	8.048	0	18064	N.D.	7.726 #
41)	L9 AR-1268-1	9.260f	0.000	13825	0	3.348	N.D. #
42)	L9 AR-1268-2	0.000	8.048	0	18064	N.D.	5.360 #

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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
43) L9	AR-1268-3	0.000	8.261	0	17495	N.D.	5.954 #
45) L9	AR-1268-5	0.000	8.826	0	7718	N.D.	0.859 #

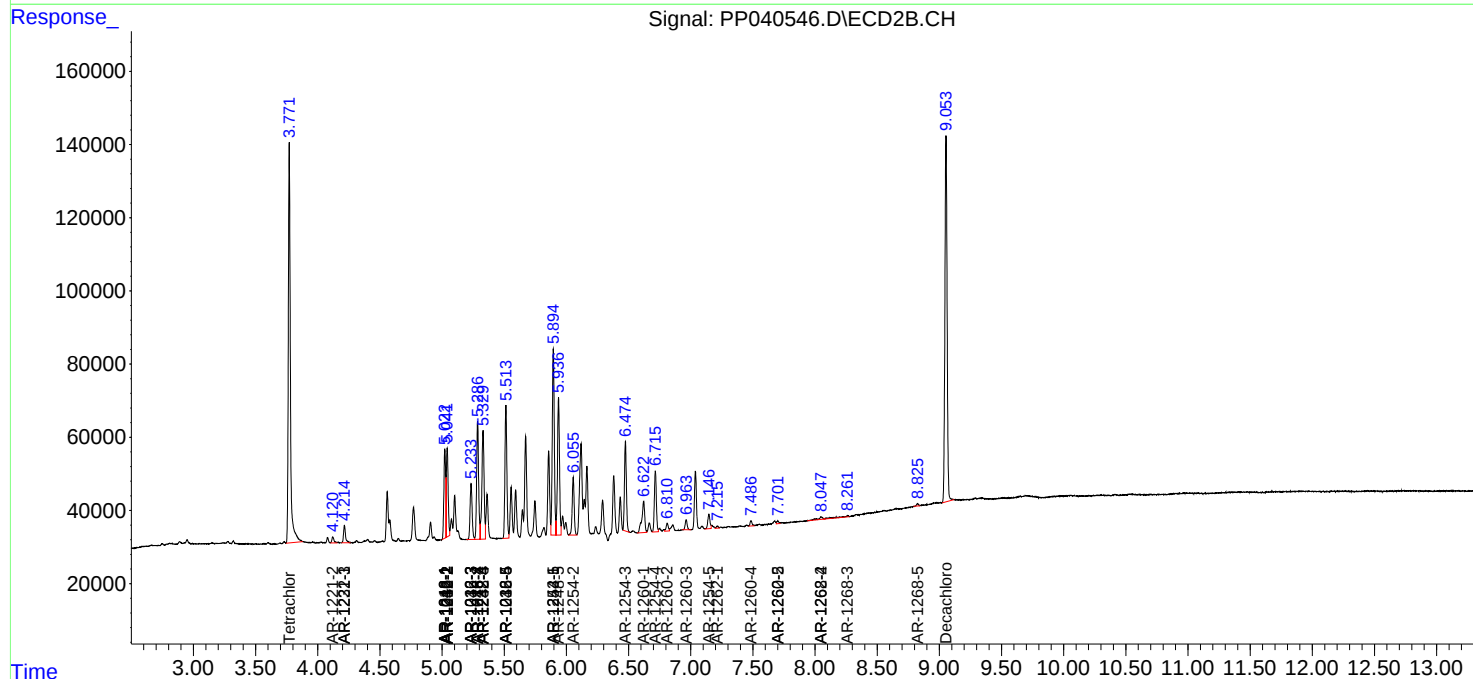
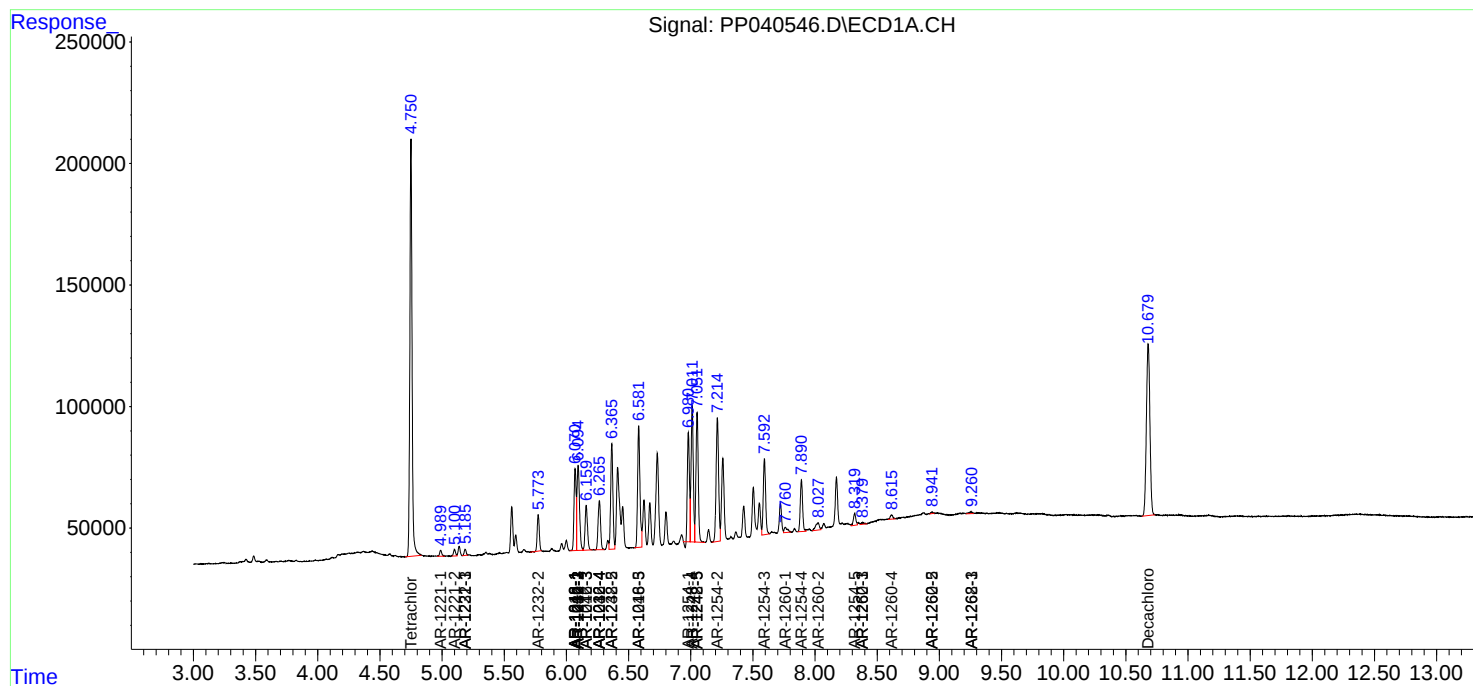
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

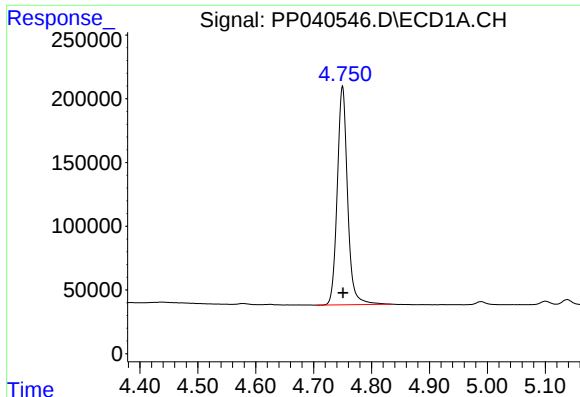
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102821\
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Acq On : 29 Oct 2021 2:33
Operator : AJ\MA
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

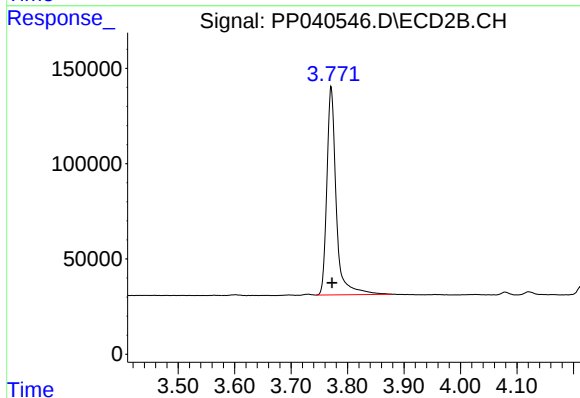




#1 Tetrachloro-m-xylene

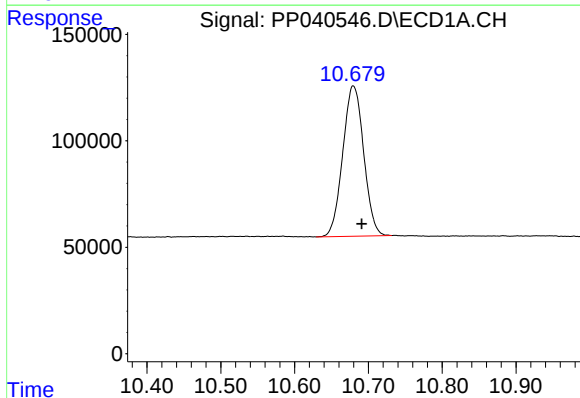
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 2132223
Conc: 52.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



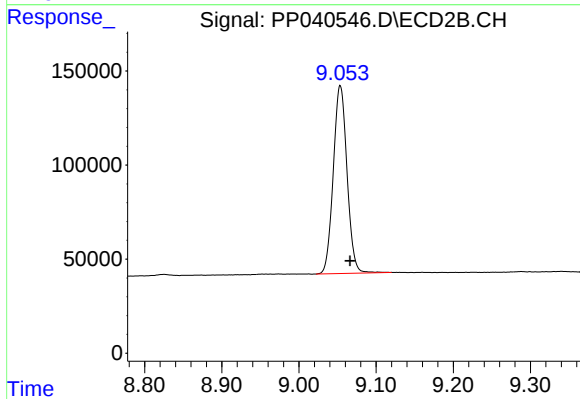
#1 Tetrachloro-m-xylene

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 1261620
Conc: 46.31 ng/ml



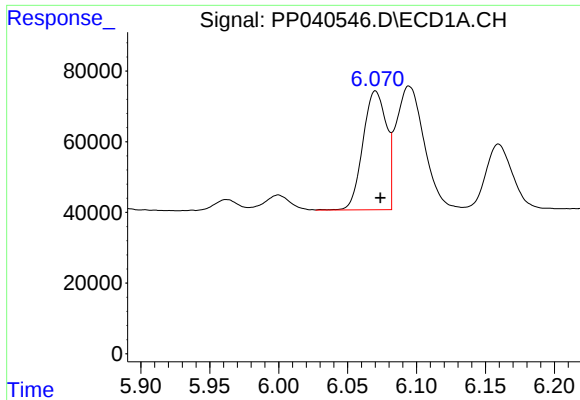
#2 Decachlorobiphenyl

R.T.: 10.680 min
Delta R.T.: -0.012 min
Response: 1391113
Conc: 45.92 ng/ml



#2 Decachlorobiphenyl

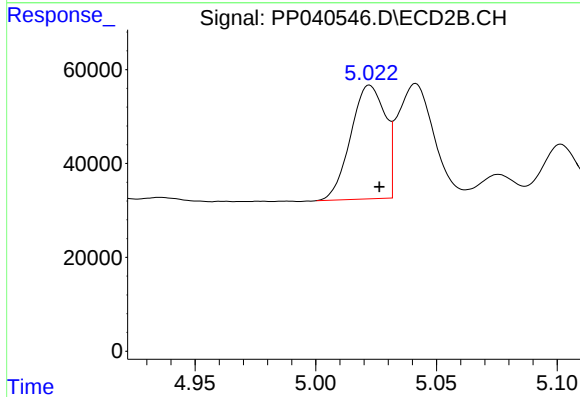
R.T.: 9.054 min
Delta R.T.: -0.013 min
Response: 1240828
Conc: 44.23 ng/ml



#3 AR-1016-1

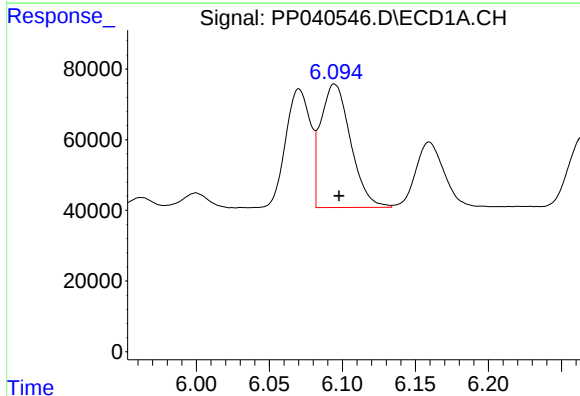
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 399318
Conc: 311.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



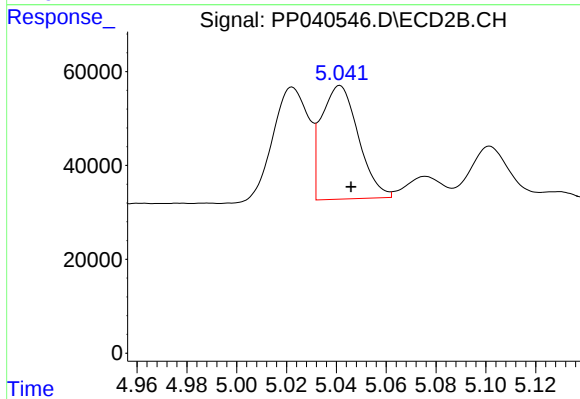
#3 AR-1016-1

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 240758
Conc: 243.94 ng/ml



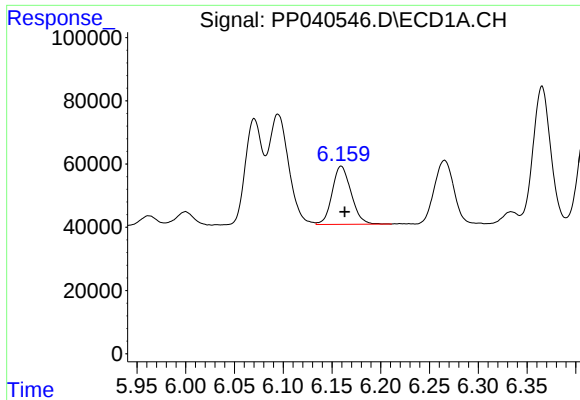
#4 AR-1016-2

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 497933
Conc: 248.92 ng/ml



#4 AR-1016-2

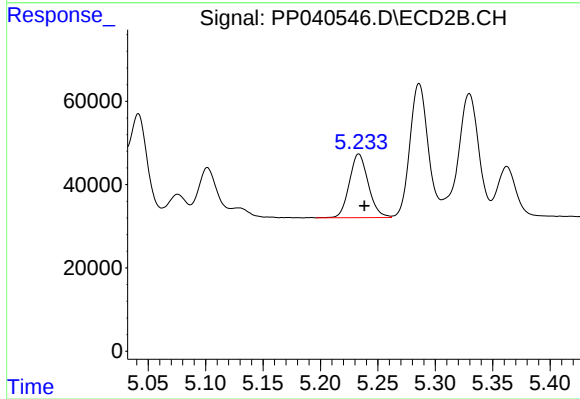
R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 250287
Conc: 171.88 ng/ml



#5 AR-1016-3

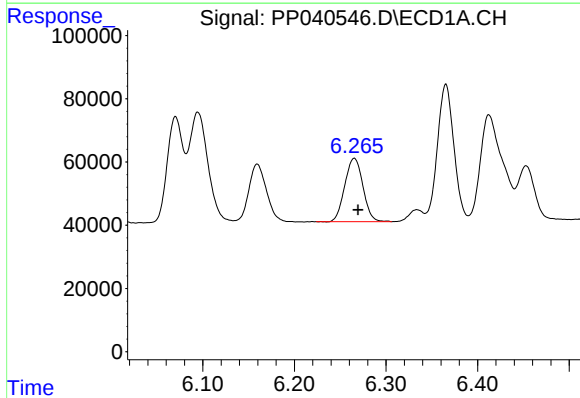
R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 248421
Conc: 197.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



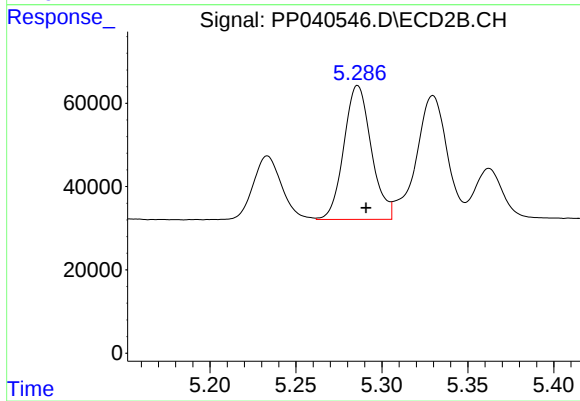
#5 AR-1016-3

R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 176388
Conc: 220.20 ng/ml



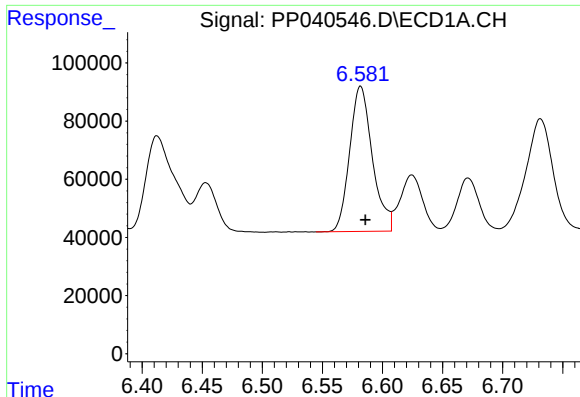
#6 AR-1016-4

R.T.: 6.265 min
Delta R.T.: -0.004 min
Response: 276369
Conc: 279.56 ng/ml



#6 AR-1016-4

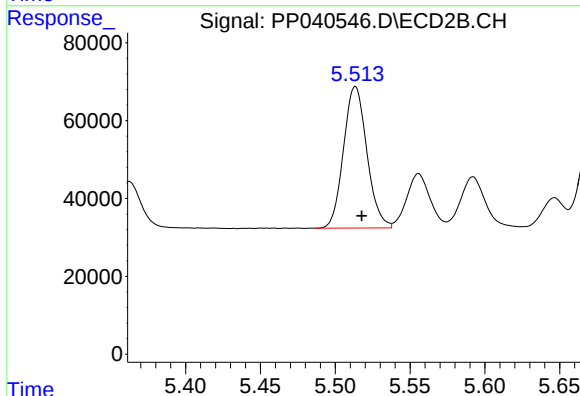
R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 357329
Conc: 538.28 ng/ml



#7 AR-1016-5

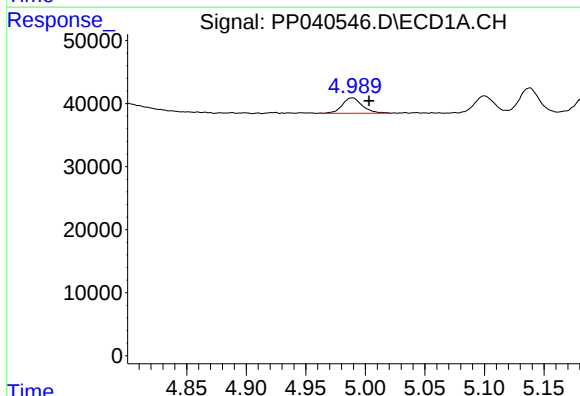
R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 656566
Conc: 677.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



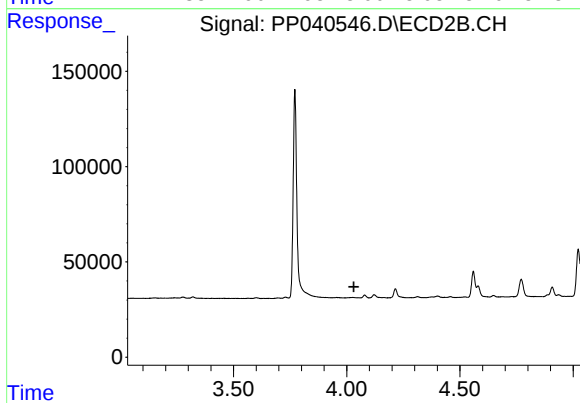
#7 AR-1016-5

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 395794
Conc: 537.15 ng/ml



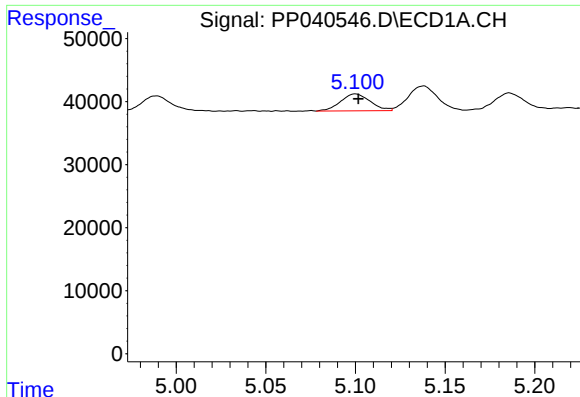
#8 AR-1221-1

R.T.: 4.989 min
Delta R.T.: -0.014 min
Response: 29062
Conc: 59.97 ng/ml



#8 AR-1221-1

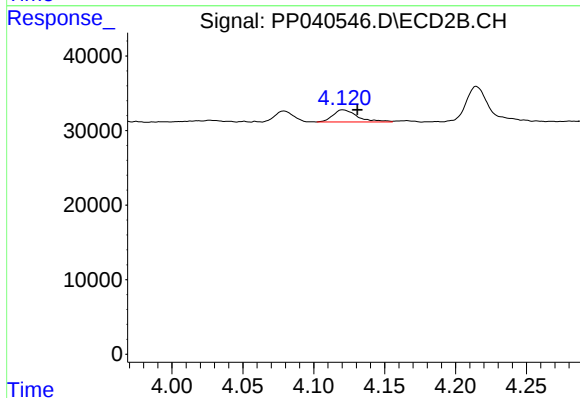
R.T.: 0.000 min
Exp R.T. : 4.032 min
Response: 0
Conc: N.D.



#9 AR-1221-2

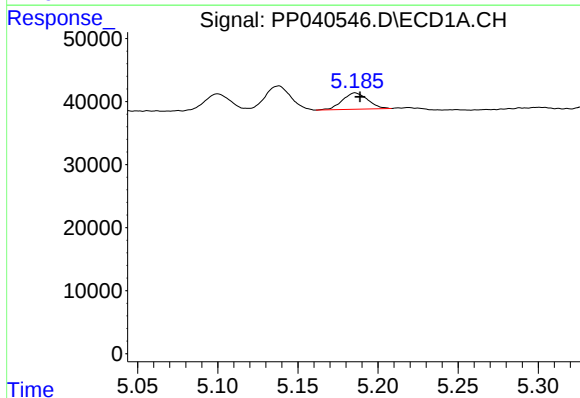
R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 30699
Conc: 90.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



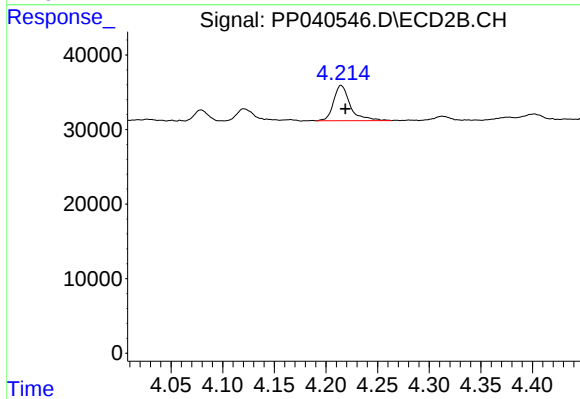
#9 AR-1221-2

R.T.: 4.120 min
Delta R.T.: -0.010 min
Response: 19422
Conc: 74.47 ng/ml



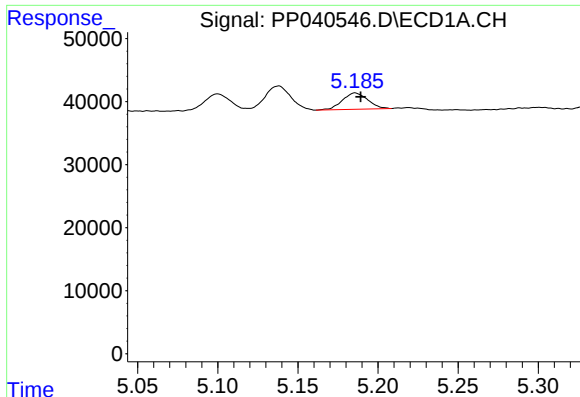
#10 AR-1221-3

R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 28476
Conc: 26.51 ng/ml



#10 AR-1221-3

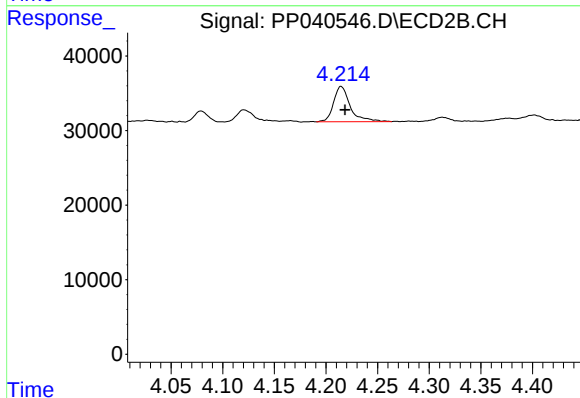
R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 53330
Conc: 62.71 ng/ml



#11 AR-1232-1

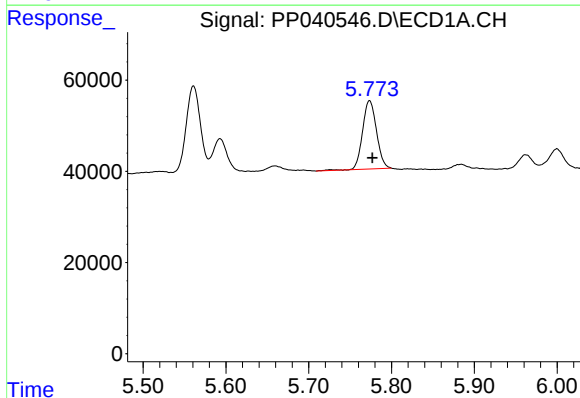
R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 28476
Conc: 32.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



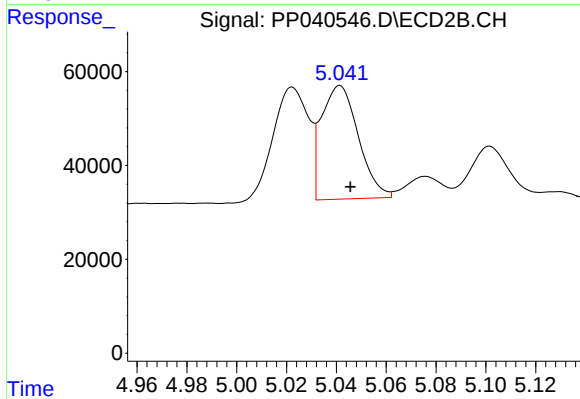
#11 AR-1232-1

R.T.: 4.215 min
Delta R.T.: -0.004 min
Response: 53330
Conc: 75.52 ng/ml



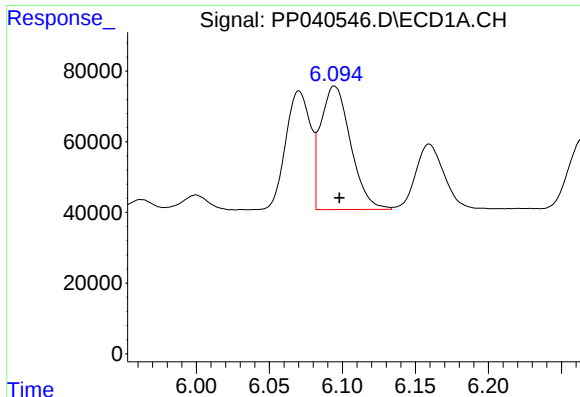
#12 AR-1232-2

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 175973
Conc: 397.17 ng/ml



#12 AR-1232-2

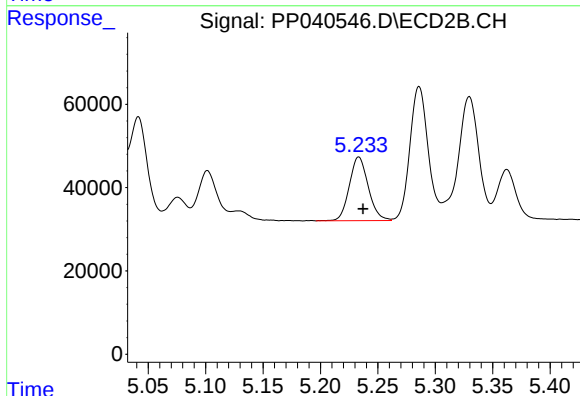
R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 250287
Conc: 418.48 ng/ml



#13 AR-1232-3

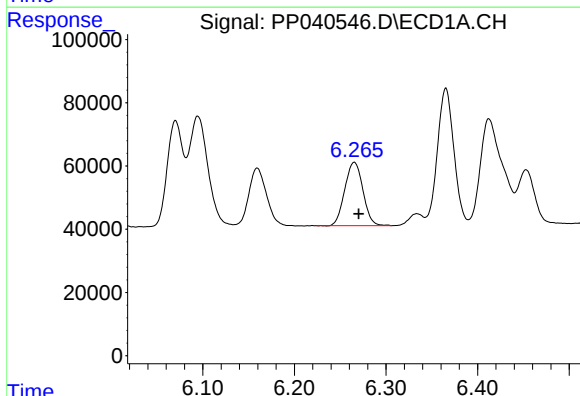
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 497933
Conc: 604.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



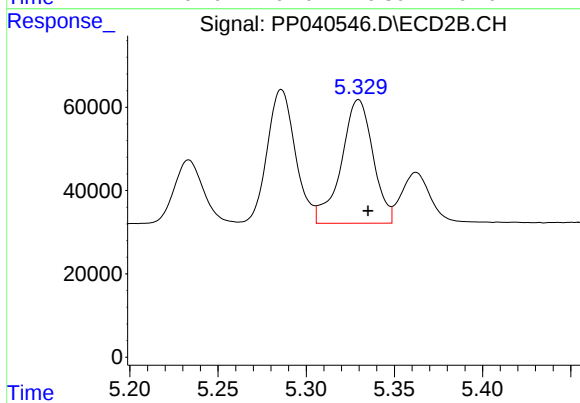
#13 AR-1232-3

R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 176388
Conc: 567.75 ng/ml



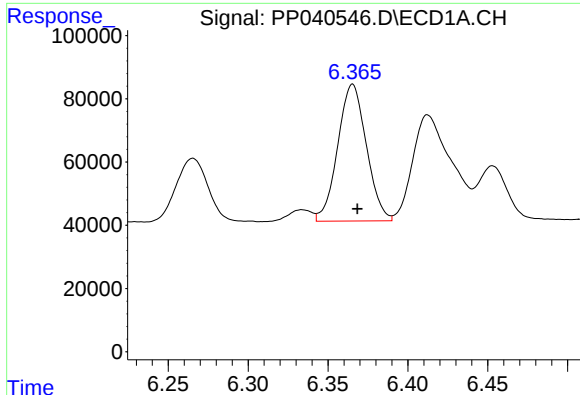
#14 AR-1232-4

R.T.: 6.265 min
Delta R.T.: -0.005 min
Response: 276369
Conc: 701.96 ng/ml



#14 AR-1232-4

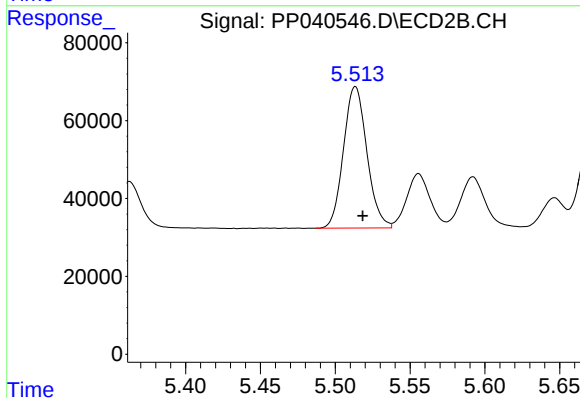
R.T.: 5.330 min
Delta R.T.: -0.005 min
Response: 372104
Conc: 1452.16 ng/ml



#15 AR-1232-5

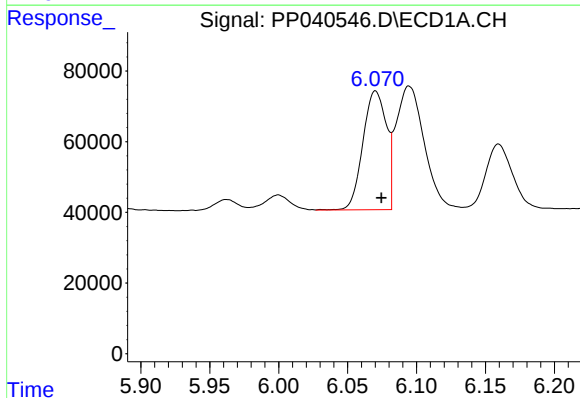
R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 541413
Conc: 2035.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



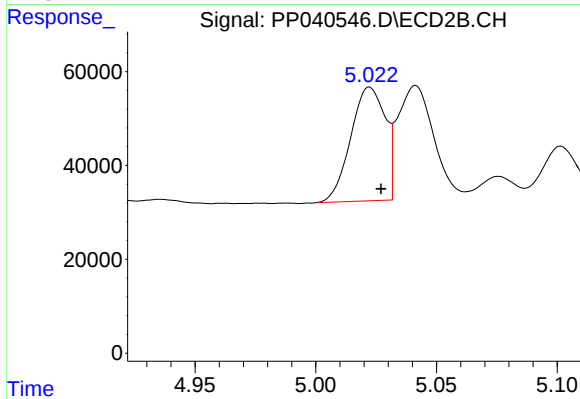
#15 AR-1232-5

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 395794
Conc: 1471.58 ng/ml



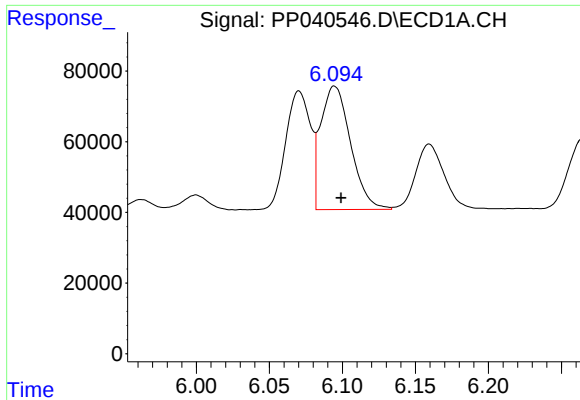
#16 AR-1242-1

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 399318
Conc: 412.64 ng/ml



#16 AR-1242-1

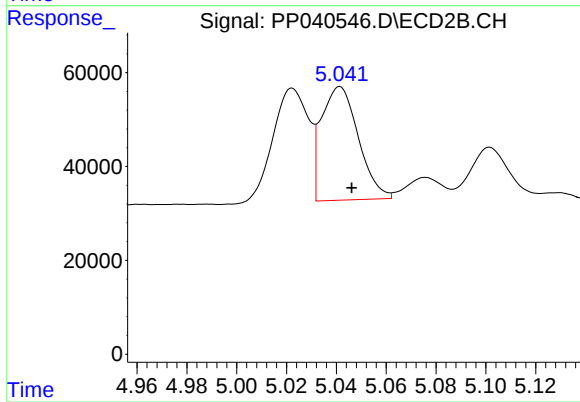
R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 240758
Conc: 331.65 ng/ml



#17 AR-1242-2

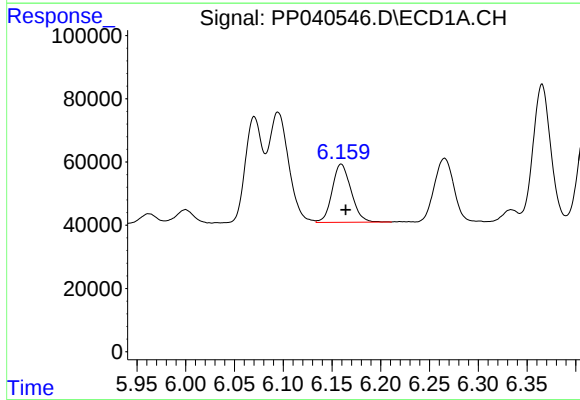
R.T.: 6.095 min
Delta R.T.: -0.004 min
Response: 497933
Conc: 331.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



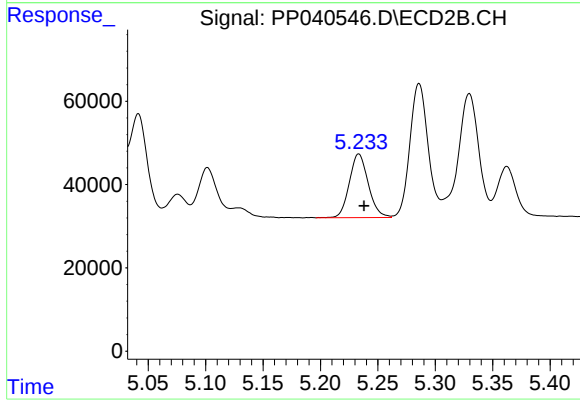
#17 AR-1242-2

R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 250287
Conc: 235.89 ng/ml



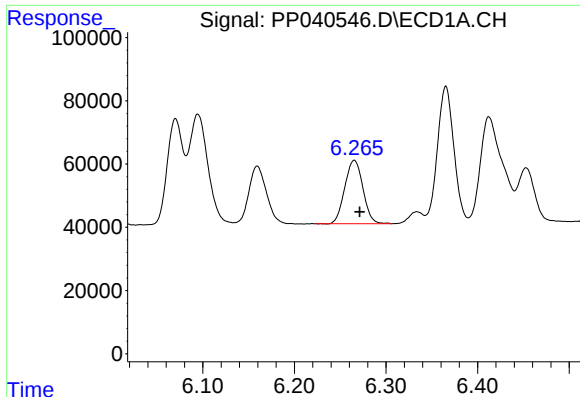
#18 AR-1242-3

R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 248421
Conc: 263.39 ng/ml



#18 AR-1242-3

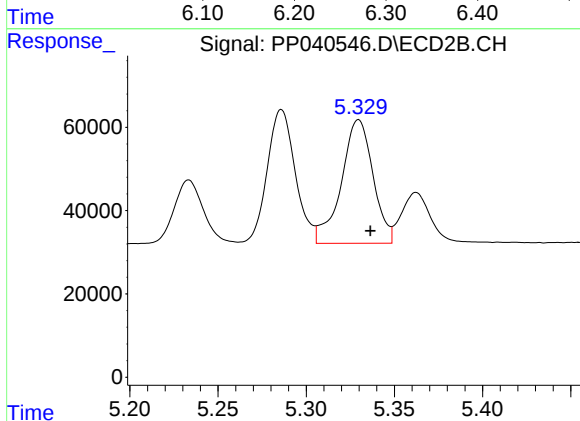
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 176388
Conc: 303.30 ng/ml



#19 AR-1242-4

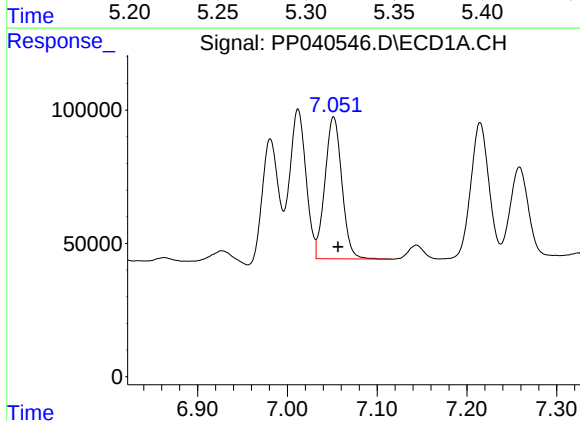
R.T.: 6.265 min
Delta R.T.: -0.006 min
Response: 276369
Conc: 366.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



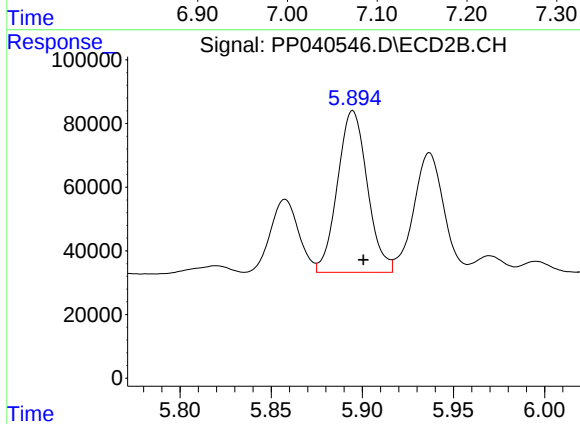
#19 AR-1242-4

R.T.: 5.330 min
Delta R.T.: -0.007 min
Response: 372104
Conc: 725.37 ng/ml



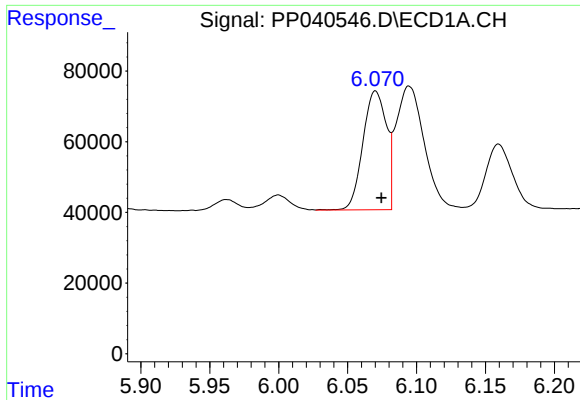
#20 AR-1242-5

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 698328
Conc: 881.97 ng/ml



#20 AR-1242-5

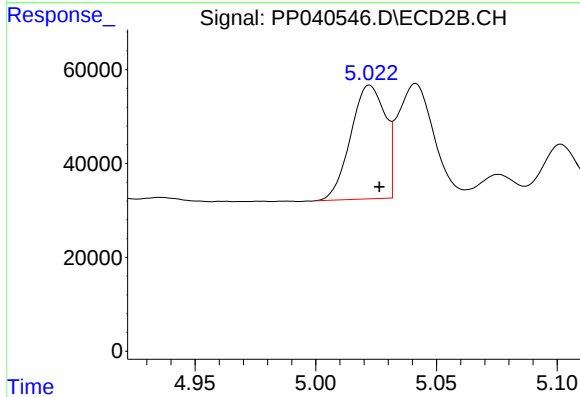
R.T.: 5.895 min
Delta R.T.: -0.006 min
Response: 578888
Conc: 852.98 ng/ml



#21 AR-1248-1

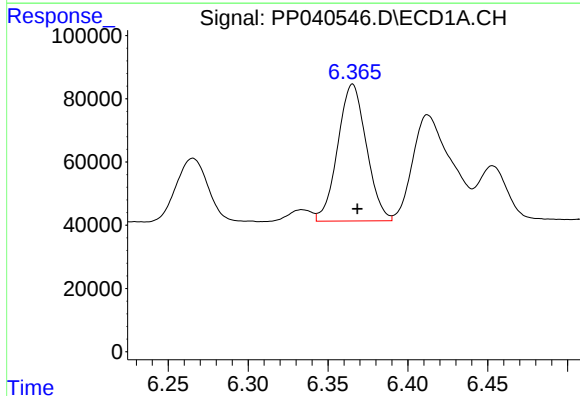
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 399318
Conc: 534.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



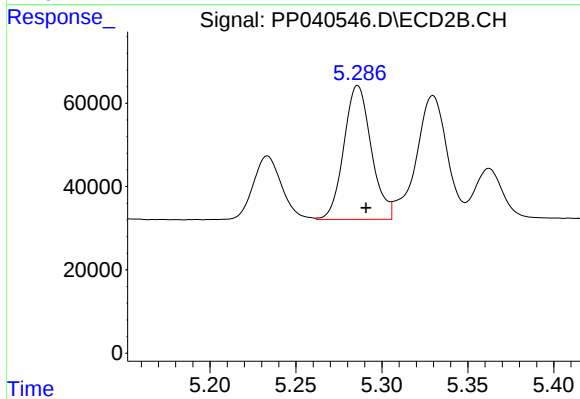
#21 AR-1248-1

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 240758
Conc: 460.14 ng/ml



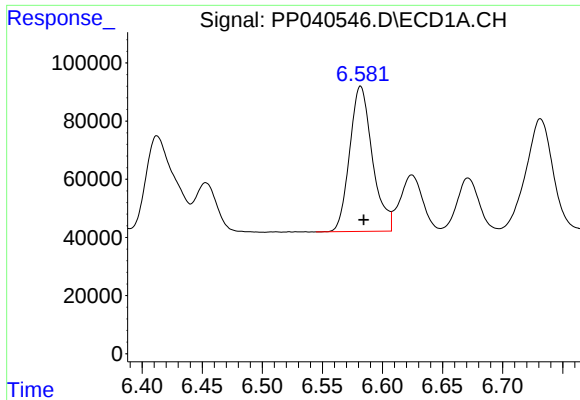
#22 AR-1248-2

R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 541413
Conc: 522.99 ng/ml



#22 AR-1248-2

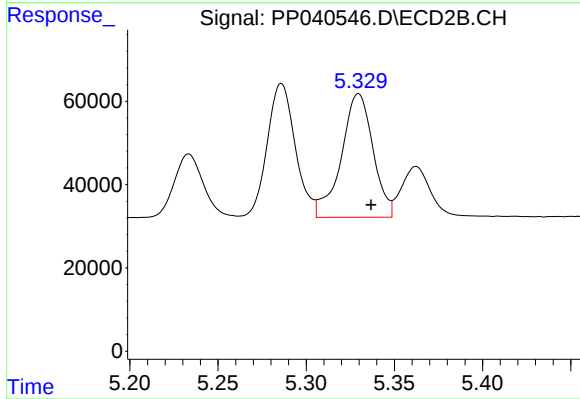
R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 357329
Conc: 448.36 ng/ml



#23 AR-1248-3

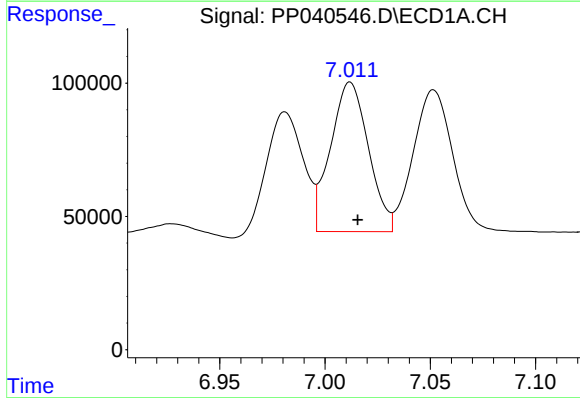
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 656566
Conc: 510.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



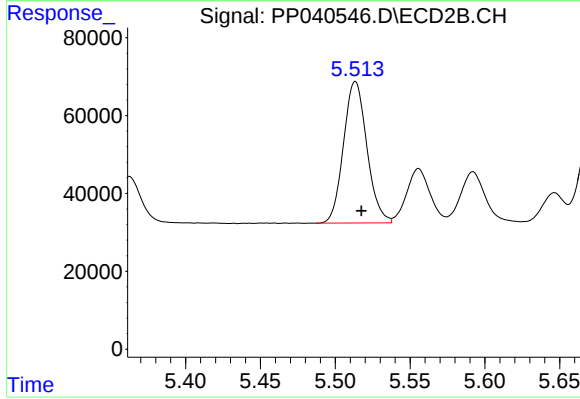
#23 AR-1248-3

R.T.: 5.330 min
Delta R.T.: -0.007 min
Response: 372104
Conc: 500.99 ng/ml



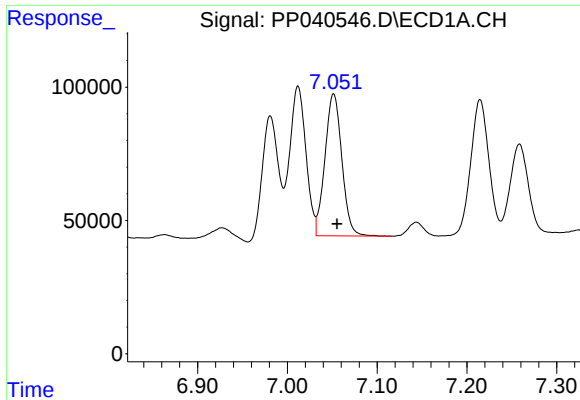
#24 AR-1248-4

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 703870
Conc: 478.92 ng/ml



#24 AR-1248-4

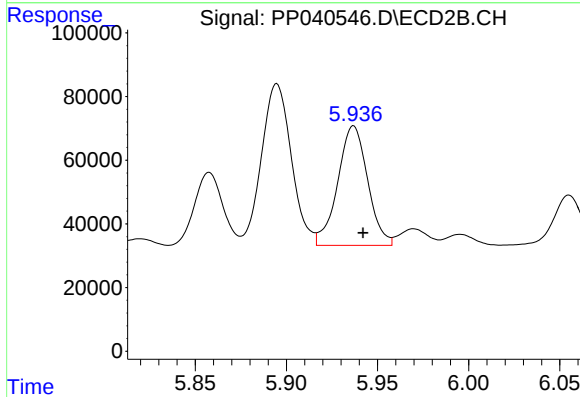
R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 395794
Conc: 473.64 ng/ml



#25 AR-1248-5

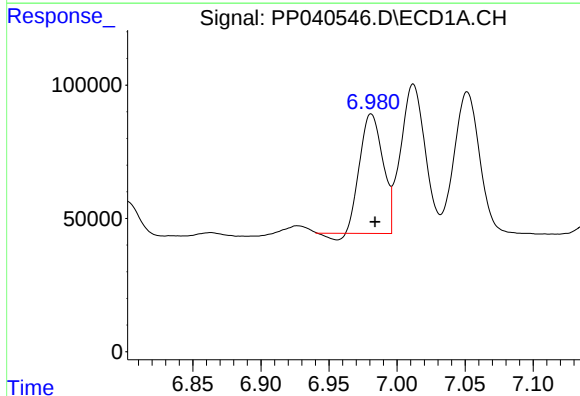
R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 698328
Conc: 488.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



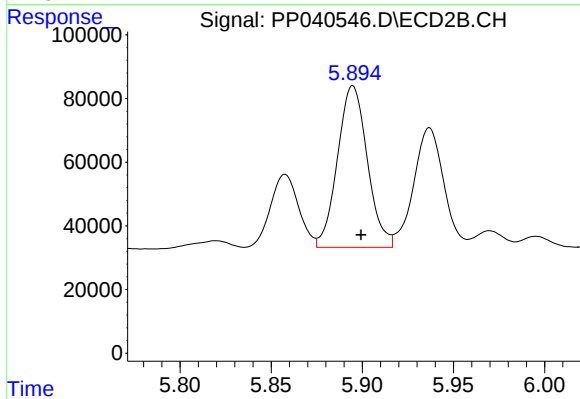
#25 AR-1248-5

R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 430003
Conc: 437.41 ng/ml



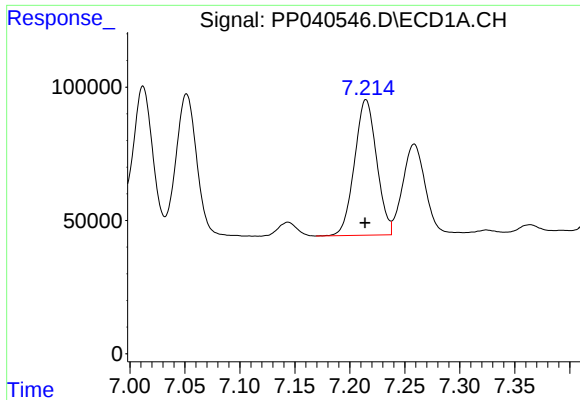
#26 AR-1254-1

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 520171
Conc: 352.59 ng/ml



#26 AR-1254-1

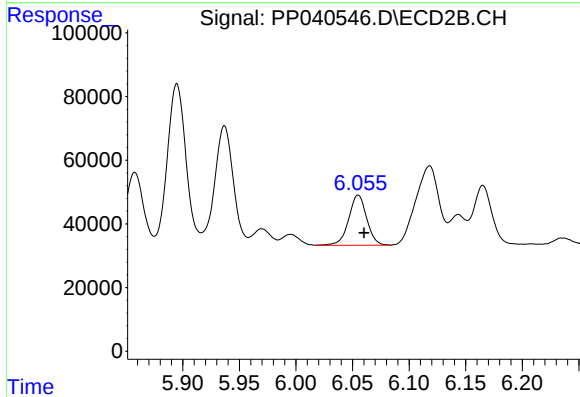
R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 578888
Conc: 410.06 ng/ml



#27 AR-1254-2

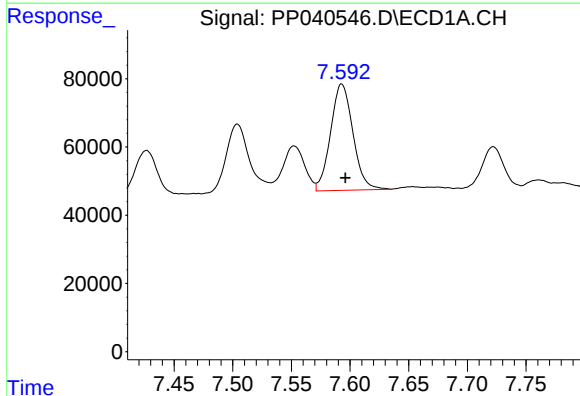
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 712296
Conc: 316.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



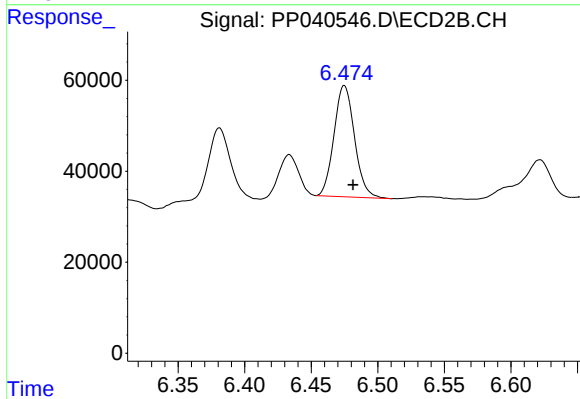
#27 AR-1254-2

R.T.: 6.055 min
Delta R.T.: -0.005 min
Response: 175060
Conc: 140.87 ng/ml



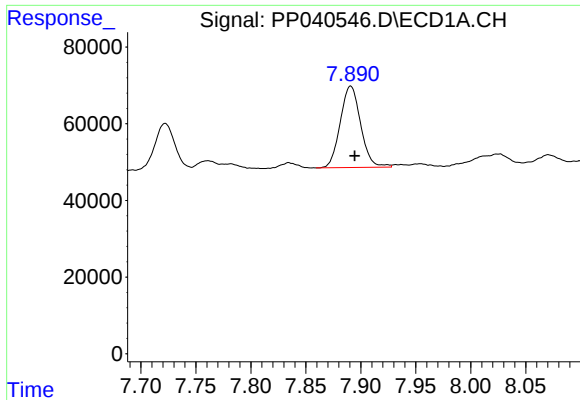
#28 AR-1254-3

R.T.: 7.593 min
Delta R.T.: -0.003 min
Response: 413733
Conc: 171.68 ng/ml



#28 AR-1254-3

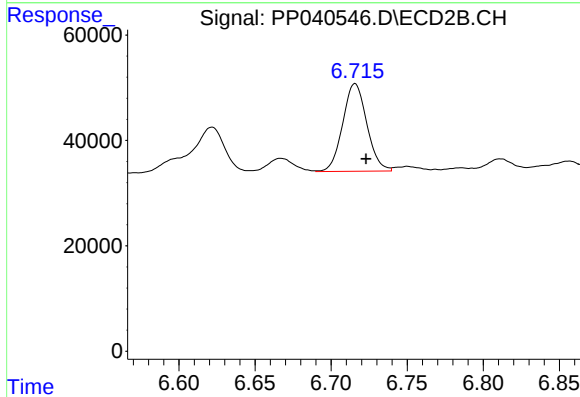
R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 262858
Conc: 138.13 ng/ml



#29 AR-1254-4

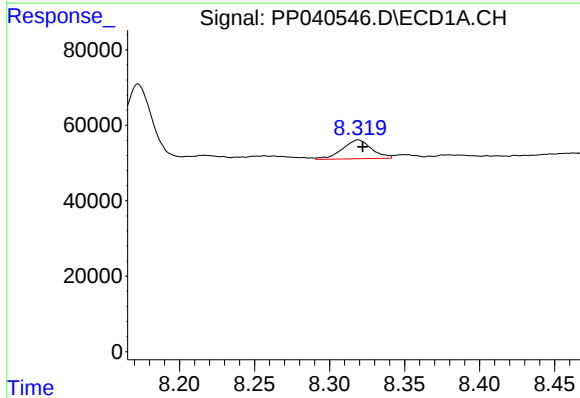
R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 274634
Conc: 159.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



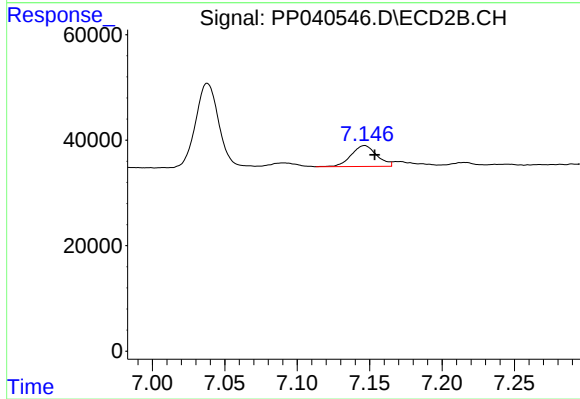
#29 AR-1254-4

R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 183488
Conc: 158.67 ng/ml



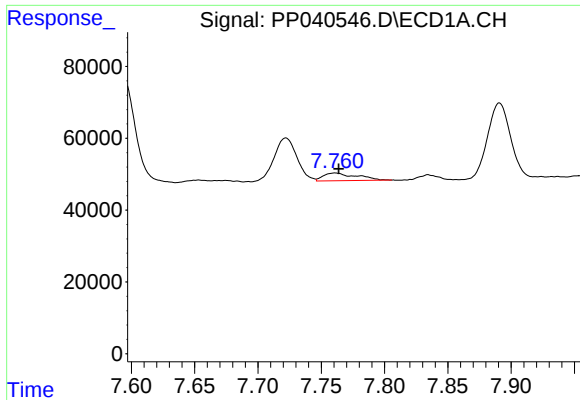
#30 AR-1254-5

R.T.: 8.319 min
Delta R.T.: -0.003 min
Response: 67343
Conc: 37.02 ng/ml



#30 AR-1254-5

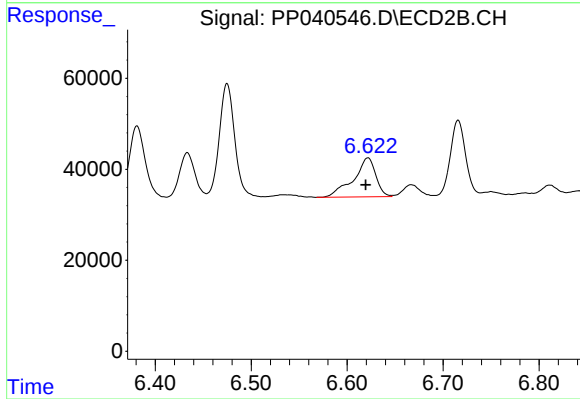
R.T.: 7.147 min
Delta R.T.: -0.007 min
Response: 48820
Conc: 28.23 ng/ml



#31 AR-1260-1

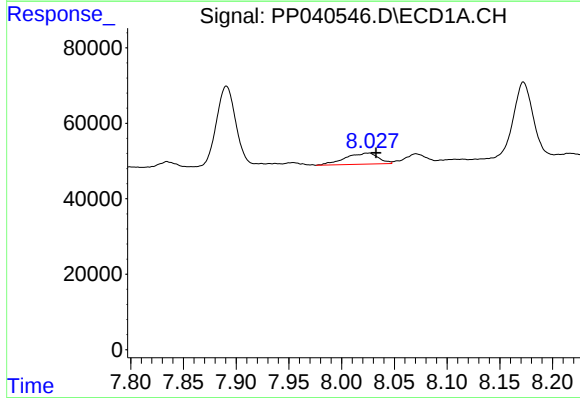
R.T.: 7.761 min
Delta R.T.: -0.003 min
Response: 39881
Conc: 25.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



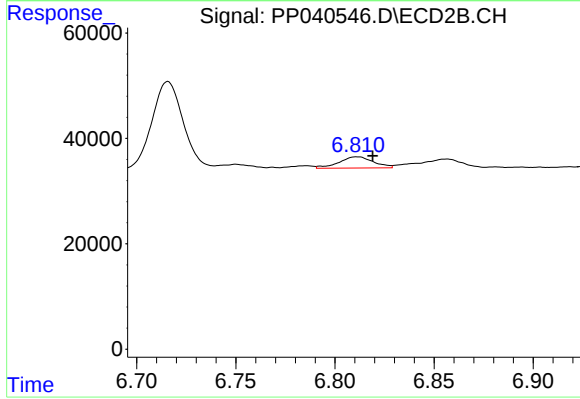
#31 AR-1260-1

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 139877
Conc: 97.84 ng/ml



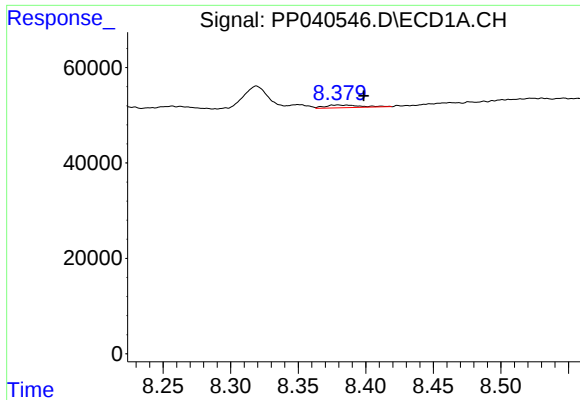
#32 AR-1260-2

R.T.: 8.025 min
Delta R.T.: -0.007 min
Response: 64261
Conc: 34.87 ng/ml



#32 AR-1260-2

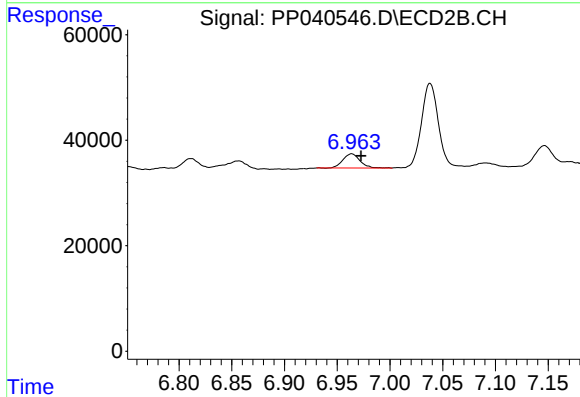
R.T.: 6.811 min
Delta R.T.: -0.008 min
Response: 26034
Conc: 15.55 ng/ml



#33 AR-1260-3

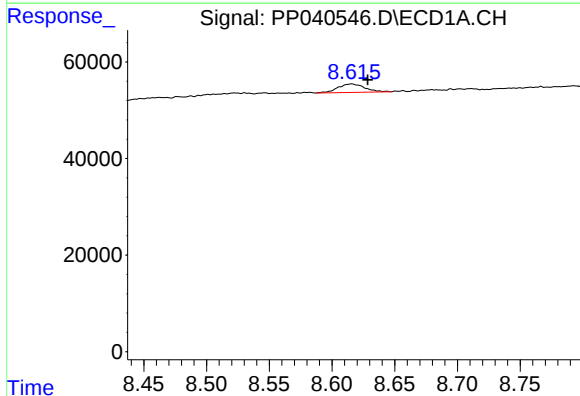
R.T.: 8.379 min
Delta R.T.: -0.019 min
Response: 10346
Conc: 7.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



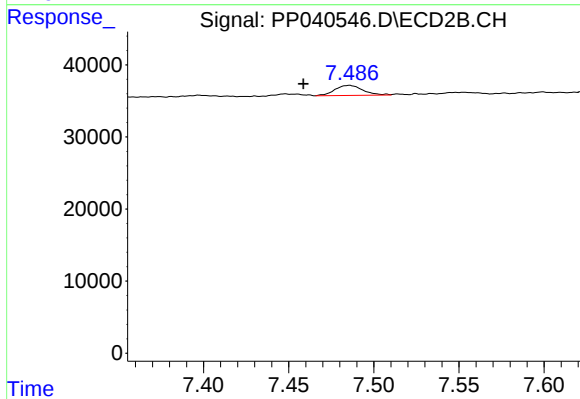
#33 AR-1260-3

R.T.: 6.964 min
Delta R.T.: -0.009 min
Response: 30386
Conc: 19.22 ng/ml



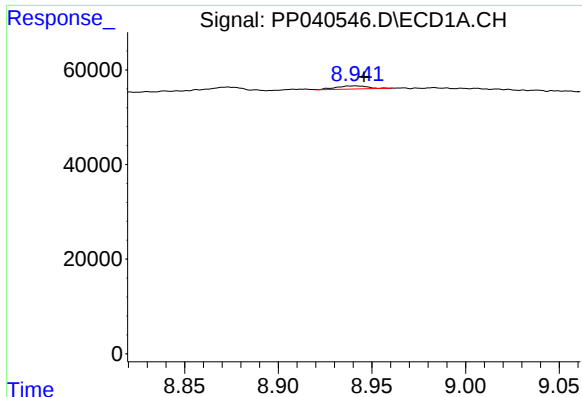
#34 AR-1260-4

R.T.: 8.616 min
Delta R.T.: -0.013 min
Response: 25939
Conc: 16.43 ng/ml



#34 AR-1260-4

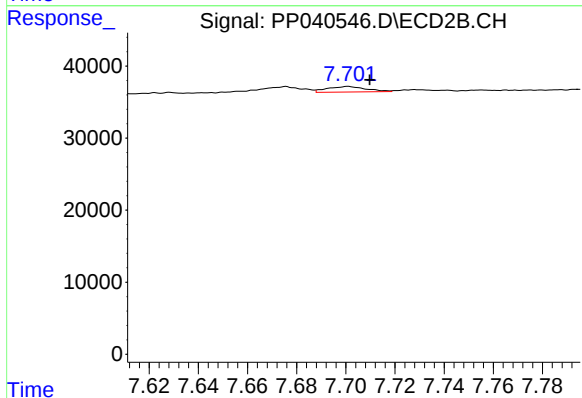
R.T.: 7.485 min
Delta R.T.: 0.027 min
Response: 16181
Conc: 11.97 ng/ml



#35 AR-1260-5

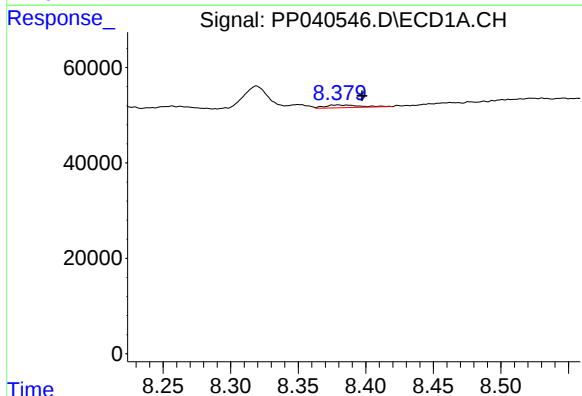
R.T.: 8.941 min
Delta R.T.: -0.005 min
Response: 7587
Conc: 2.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



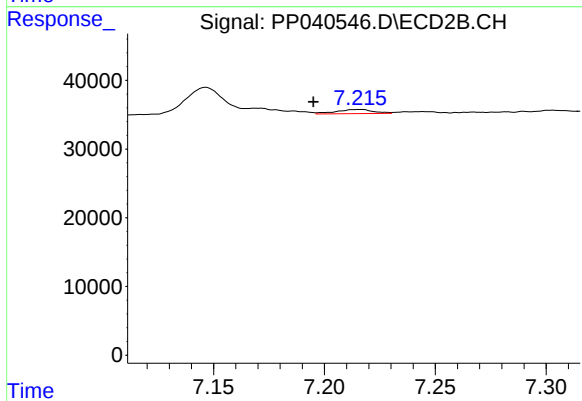
#35 AR-1260-5

R.T.: 7.701 min
Delta R.T.: -0.009 min
Response: 8438
Conc: 2.81 ng/ml



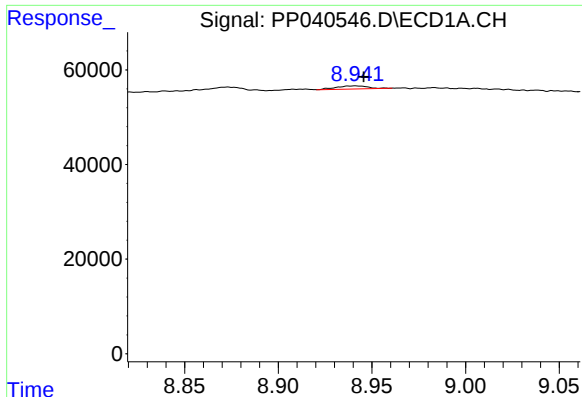
#36 AR-1262-1

R.T.: 8.379 min
Delta R.T.: -0.018 min
Response: 10346
Conc: 4.90 ng/ml



#36 AR-1262-1

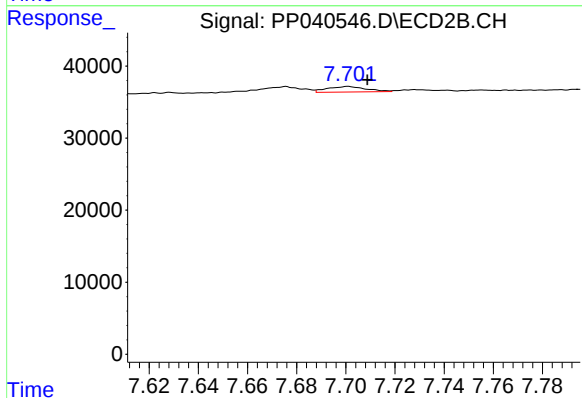
R.T.: 7.216 min
Delta R.T.: 0.021 min
Response: 7038
Conc: 4.06 ng/ml



#37 AR-1262-2

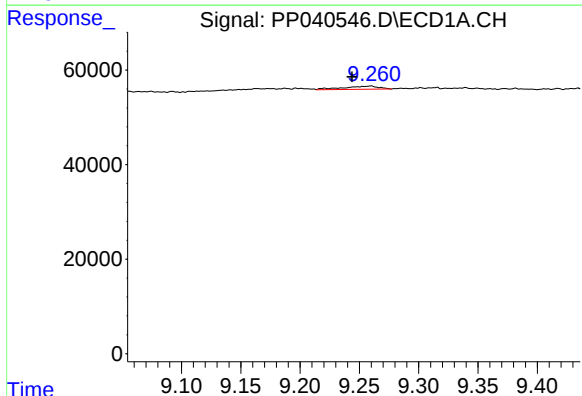
R.T.: 8.941 min
Delta R.T.: -0.005 min
Response: 7587
Conc: 2.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



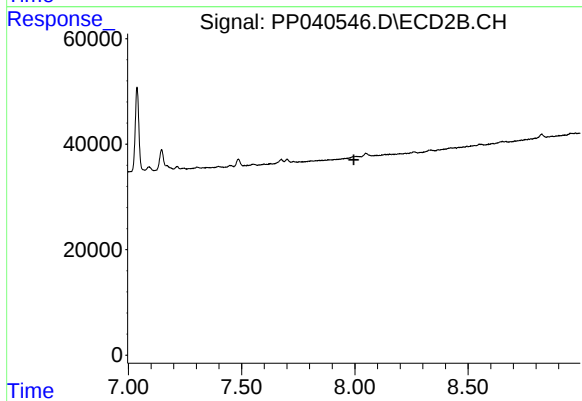
#37 AR-1262-2

R.T.: 7.701 min
Delta R.T.: -0.008 min
Response: 8438
Conc: 2.80 ng/ml



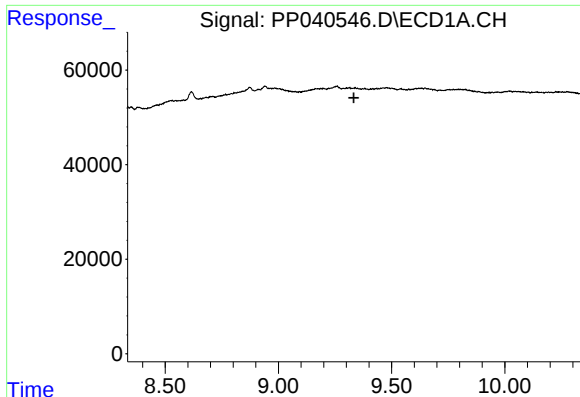
#38 AR-1262-3

R.T.: 9.260 min
Delta R.T.: 0.016 min
Response: 13825
Conc: 7.88 ng/ml



#38 AR-1262-3

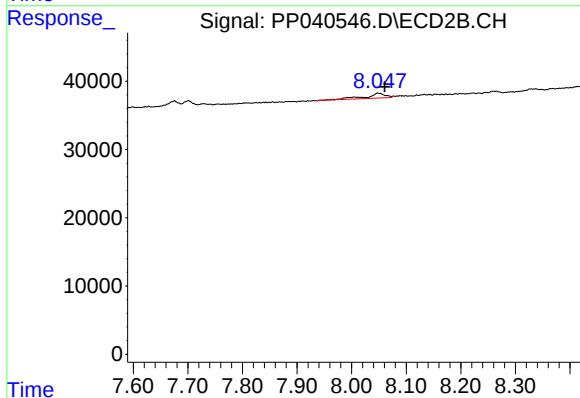
R.T.: 0.000 min
Exp R.T.: 7.996 min
Response: 0
Conc: N.D.



#39 AR-1262-4

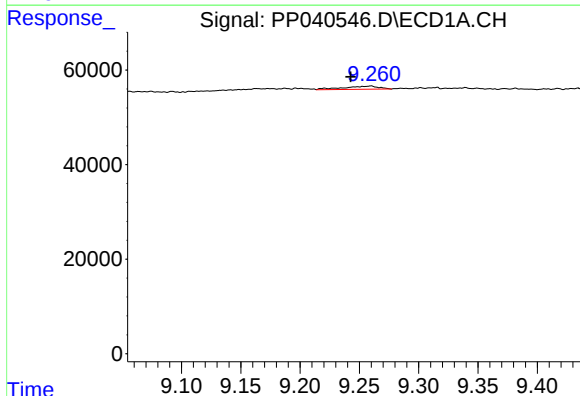
R.T.: 0.000 min
Exp R.T.: 9.334 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



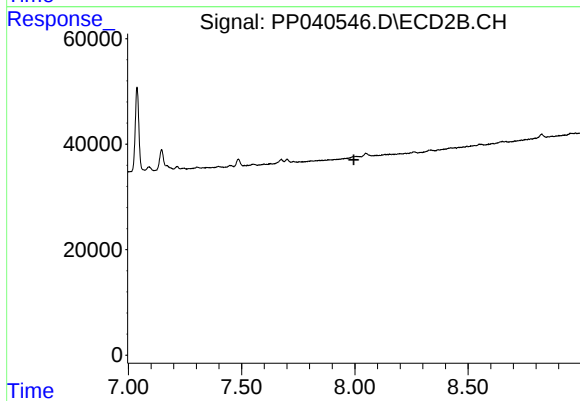
#39 AR-1262-4

R.T.: 8.048 min
Delta R.T.: -0.013 min
Response: 18064
Conc: 7.73 ng/ml



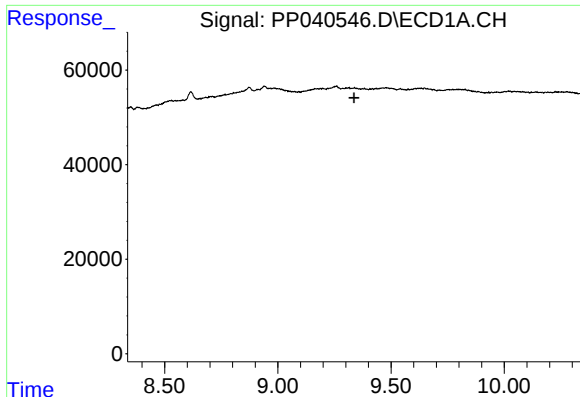
#41 AR-1268-1

R.T.: 9.260 min
Delta R.T.: 0.017 min
Response: 13825
Conc: 3.35 ng/ml



#41 AR-1268-1

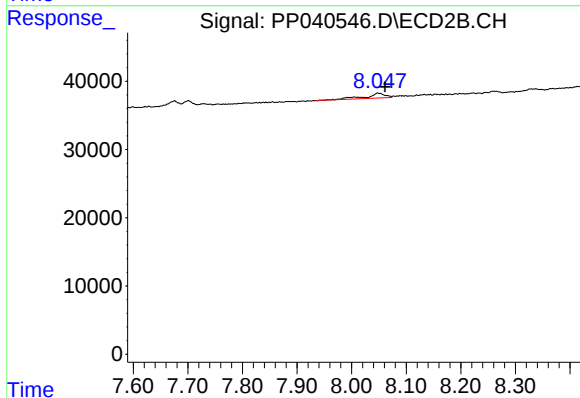
R.T.: 0.000 min
Exp R.T.: 7.996 min
Response: 0
Conc: N.D.



#42 AR-1268-2

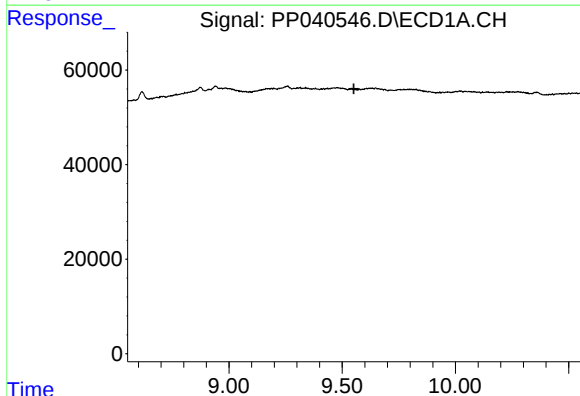
R.T.: 0.000 min
Exp R.T.: 9.336 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



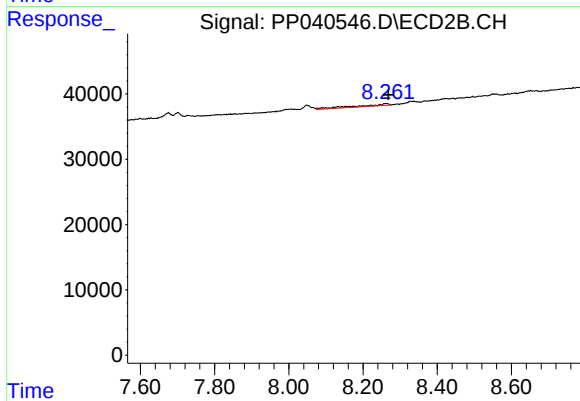
#42 AR-1268-2

R.T.: 8.048 min
Delta R.T.: -0.014 min
Response: 18064
Conc: 5.36 ng/ml



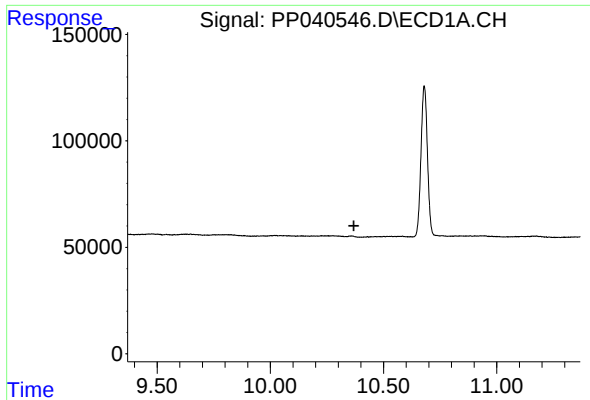
#43 AR-1268-3

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



#43 AR-1268-3

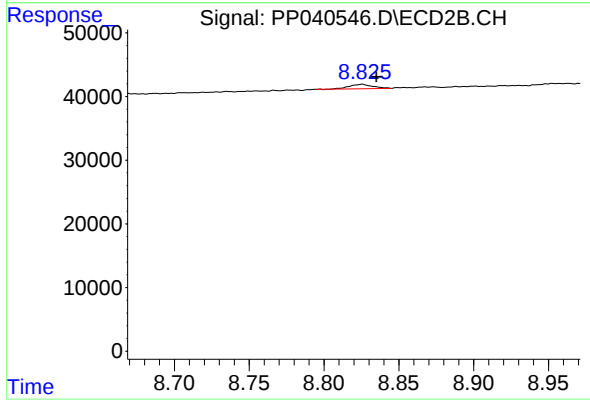
R.T.: 8.261 min
Delta R.T.: -0.007 min
Response: 17495
Conc: 5.95 ng/ml



#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.: 8.826 min
Delta R.T.: -0.009 min
Response: 7718
Conc: 0.86 ng/ml