

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020921\
 Data File : PP033178.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Feb 2021 12:41
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:28:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 04:00:57 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...	4.732	4.001	2969839	2317991	48.430	56.686
2)	SA Decachlor...	10.554	9.271	2236406	1846616	51.340	55.123
Target Compounds							
3)	L1 AR-1016-1	6.031	5.248	505259	386782	308.262	352.412
4)	L1 AR-1016-2	6.054	5.268	619985	418035	247.579	256.157
5)	L1 AR-1016-3	6.119	5.460	321679	272208	202.841	305.376 #
6)	L1 AR-1016-4	6.223	5.509	391439	531374	295.344	737.872 #
7)	L1 AR-1016-5	6.538	5.738	771284	651903	588.077	692.732
8)	L2 AR-1221-1	4.979	4.254	9086	6547	14.729	15.713
9)	L2 AR-1221-2	5.078	4.354	46848	32583	100.705	103.108
10)	L2 AR-1221-3	5.160	4.442	43836	35607	31.077	36.157
11)	L3 AR-1232-1	5.160	4.442	43836	35607	37.803	44.931
12)	L3 AR-1232-2	5.739	5.268	229424	418035	359.339	565.439 #
13)	L3 AR-1232-3	6.054	5.460	619985	272208	565.135	686.313
14)	L3 AR-1232-4	6.223	5.554	391439	567779	681.989	1619.680 #
15)	L3 AR-1232-5	6.323	5.738	656612	651903	1796.890	1715.316
16)	L4 AR-1242-1	6.031	5.248	505259	386782	388.690	446.874
17)	L4 AR-1242-2	6.054	5.268	619985	418035	314.665	325.733
18)	L4 AR-1242-3	6.119	5.460	321679	272208	253.805	387.259 #
19)	L4 AR-1242-4	6.223	5.554	391439	567779	356.619	815.174 #
20)	L4 AR-1242-5	7.002	6.116	988204	916283	951.156	1085.166
21)	L5 AR-1248-1	6.031	5.248	505259	386782	527.707	594.741
22)	L5 AR-1248-2	6.323	5.509	656612	531374	495.530	553.886
23)	L5 AR-1248-3	6.538	5.554	771284	567779	476.313	558.422
24)	L5 AR-1248-4	6.963	5.738	918312	651903	533.703	526.036
25)	L5 AR-1248-5	7.002	6.159	988204	654854	567.932	579.860
26)	L6 AR-1254-1	6.932	6.116	711487	916283	378.950	479.441 #
27)	L6 AR-1254-2	7.164	6.274	1228384	284911	418.993	173.766 #
28)	L6 AR-1254-3	7.540	6.693	471201	428849	155.138	159.561
29)	L6 AR-1254-4	7.834	6.933	552770	288791	238.956	193.419
30)	L6 AR-1254-5	8.256	7.360	586141	77480	242.229	31.998 #
31)	L7 AR-1260-1	7.708	6.841	46492	198777	21.235	115.890 #
32)	L7 AR-1260-2	7.970	7.026	38241	59022	13.084	29.210 #
33)	L7 AR-1260-3	0.000	7.178	0	48477	N.D.	24.436 #
34)	L7 AR-1260-4	8.553	7.661	72960	10813	29.864	6.427 #
35)	L7 AR-1260-5	8.878	7.908	35461	13538	6.588	3.519 #
36)	L8 AR-1262-1	0.000	7.360	0	77480	N.D.	62.210 #
37)	L8 AR-1262-2	8.878	7.908	35461	13538	5.664	3.079 #
38)	L8 AR-1262-3	9.193f	8.196	311169	2626	75.906	1.394 #
39)	L8 AR-1262-4	9.236f	8.259	214026	14562	68.649	4.268 #
40)	L8 AR-1262-5	9.865	8.757	9687	2800	4.707	1.817 #
41)	L9 AR-1268-1	9.193f	8.196	311169	2626	41.315	0.508 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020921\
 Data File : PP033178.D
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 Acq On : 09 Feb 2021 12:41
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

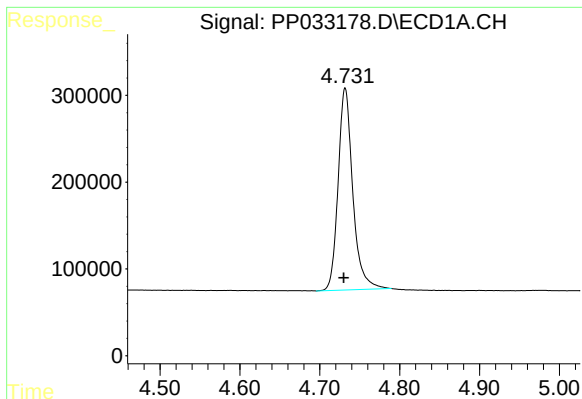
Instrument :
 ECD_P
 ClientSampleId :
 AR1248CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:28:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
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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	9.236f	8.259	214026	14562	33.153	2.961 #
43) L9	AR-1268-3	9.473	8.467	28021	3025	4.566	0.692 #
44) L9	AR-1268-4	9.865	8.757	9687	2800	4.463	1.685 #
45) L9	AR-1268-5	10.252	9.033	21988	15121	1.343	1.183

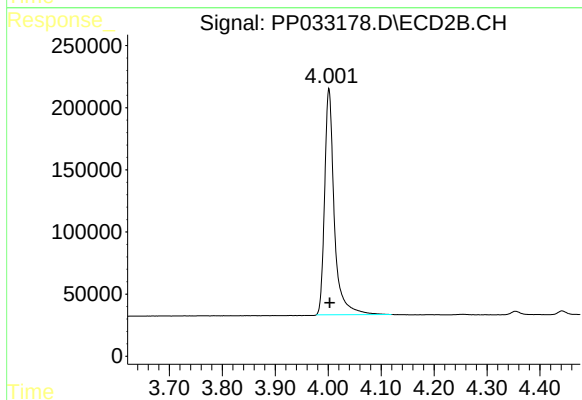
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

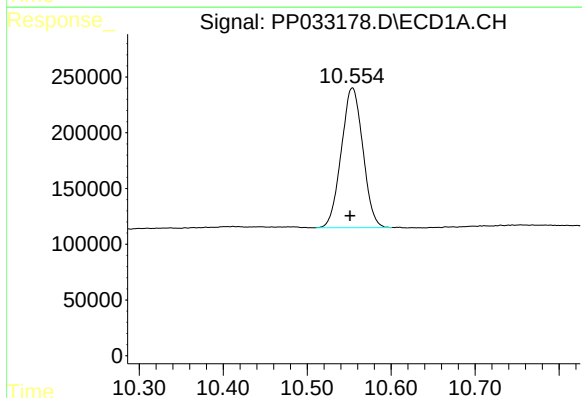
R.T.: 4.732 min
Delta R.T.: 0.002 min
Response: 2969839
Conc: 48.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



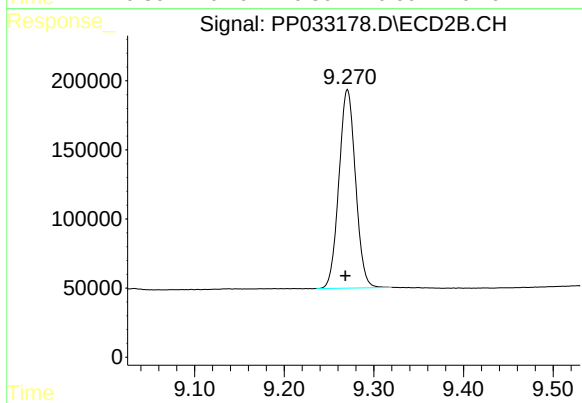
#1 Tetrachloro-m-xylene

R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 2317991
Conc: 56.69 ng/ml



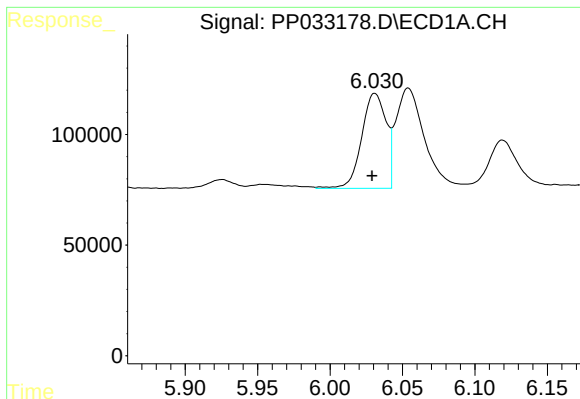
#2 Decachlorobiphenyl

R.T.: 10.554 min
Delta R.T.: 0.003 min
Response: 2236406
Conc: 51.34 ng/ml



#2 Decachlorobiphenyl

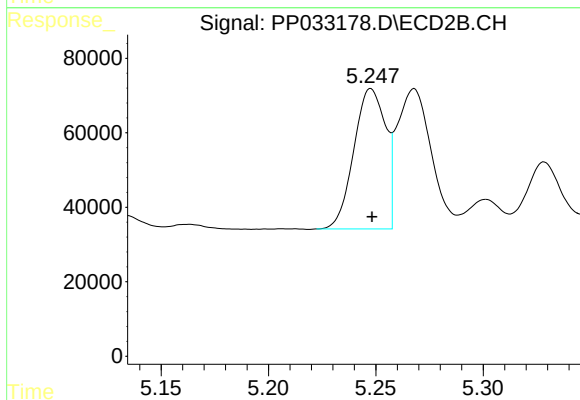
R.T.: 9.271 min
Delta R.T.: 0.002 min
Response: 1846616
Conc: 55.12 ng/ml



#3 AR-1016-1

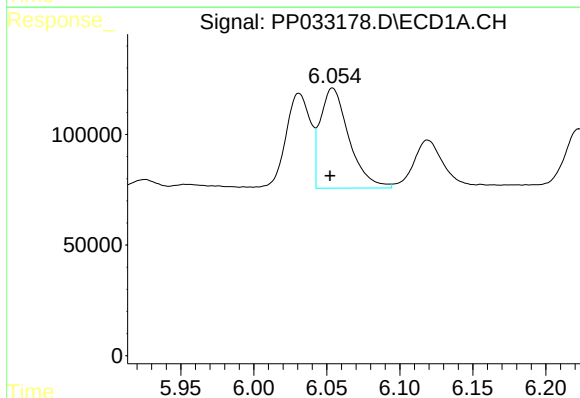
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 505259
Conc: 308.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



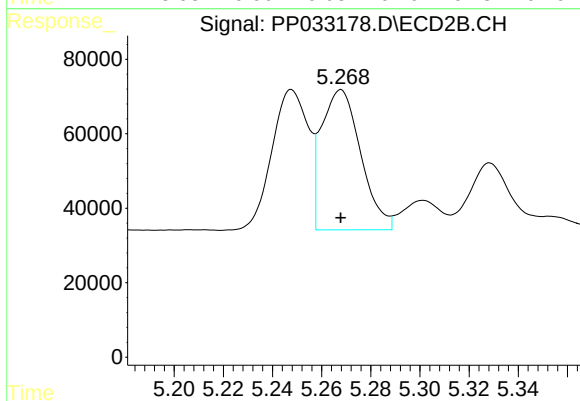
#3 AR-1016-1

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 386782
Conc: 352.41 ng/ml



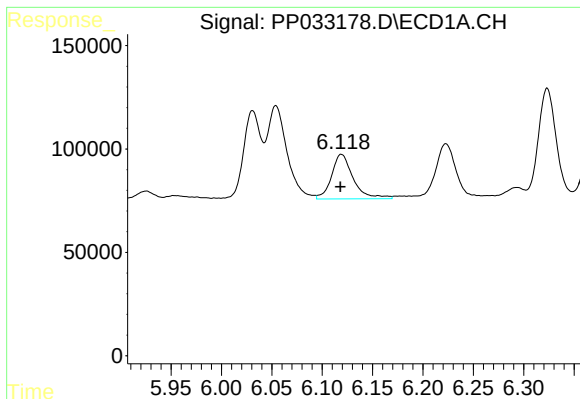
#4 AR-1016-2

R.T.: 6.054 min
Delta R.T.: 0.002 min
Response: 619985
Conc: 247.58 ng/ml



#4 AR-1016-2

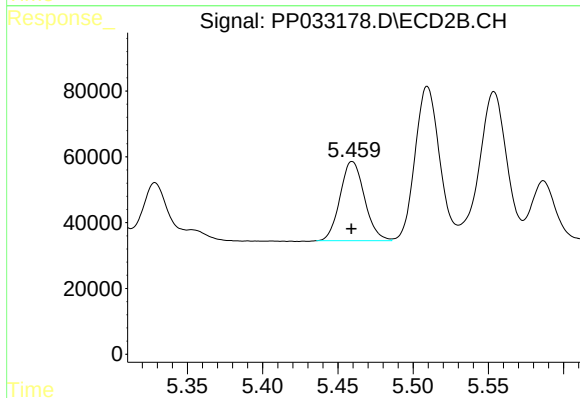
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 418035
Conc: 256.16 ng/ml



#5 AR-1016-3

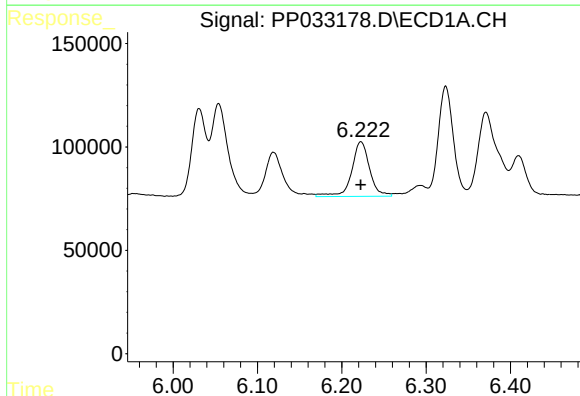
R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 321679
Conc: 202.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



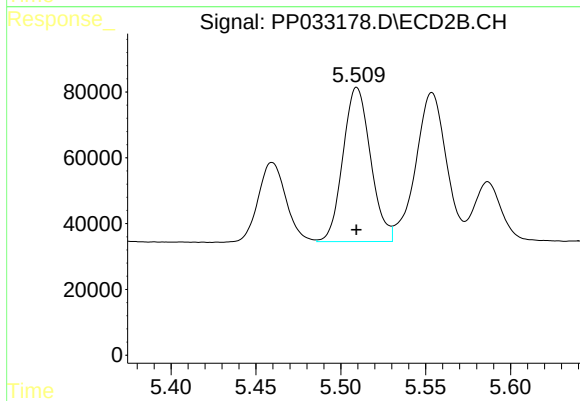
#5 AR-1016-3

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 272208
Conc: 305.38 ng/ml



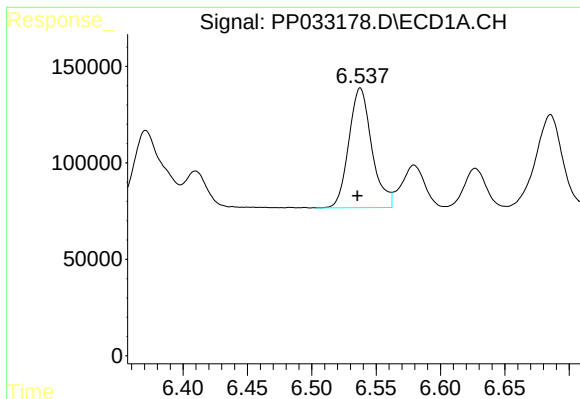
#6 AR-1016-4

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 391439
Conc: 295.34 ng/ml



#6 AR-1016-4

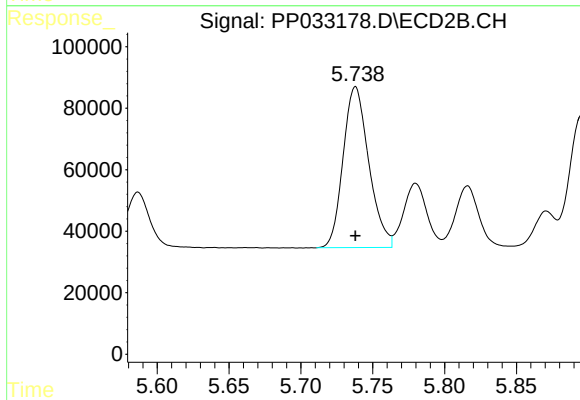
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 531374
Conc: 737.87 ng/ml



#7 AR-1016-5

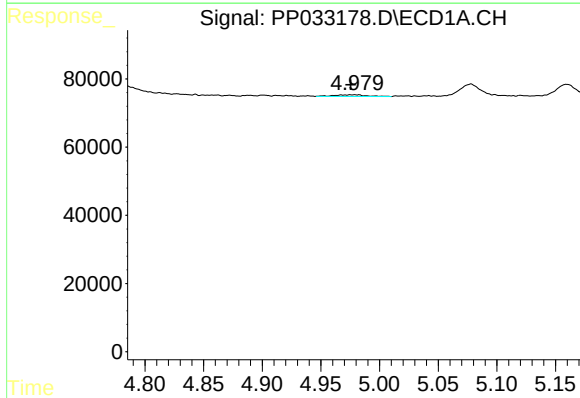
R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 771284
Conc: 588.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



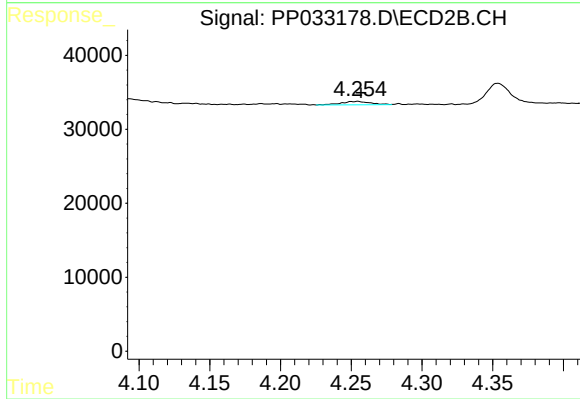
#7 AR-1016-5

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 651903
Conc: 692.73 ng/ml



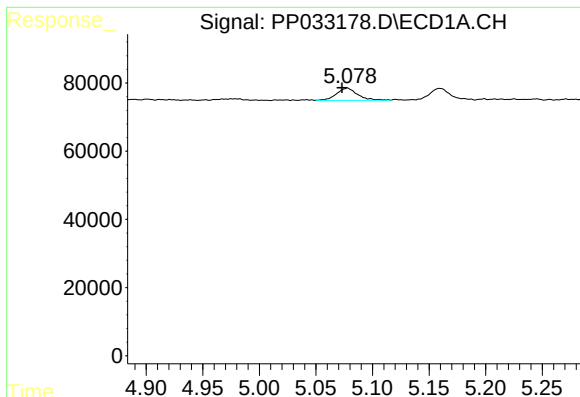
#8 AR-1221-1

R.T.: 4.979 min
Delta R.T.: 0.004 min
Response: 9086
Conc: 14.73 ng/ml



#8 AR-1221-1

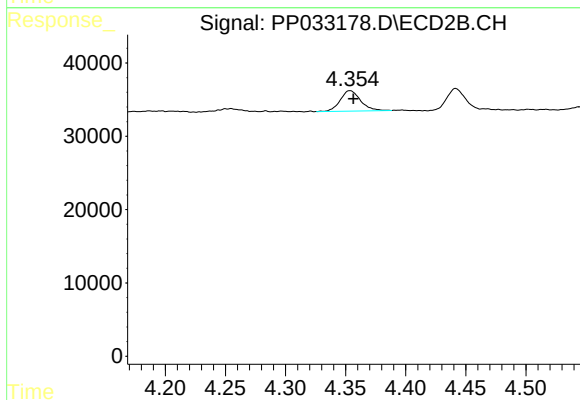
R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 6547
Conc: 15.71 ng/ml



#9 AR-1221-2

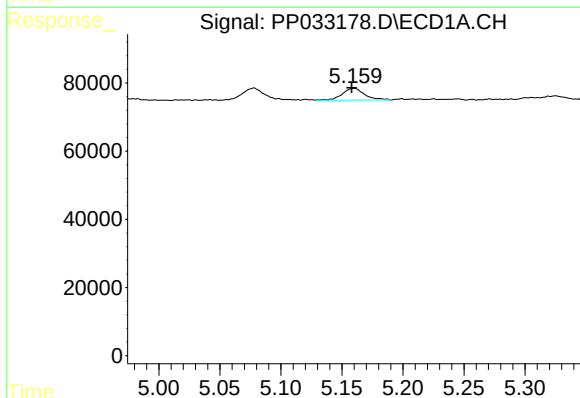
R.T.: 5.078 min
Delta R.T.: 0.005 min
Response: 46848
Conc: 100.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



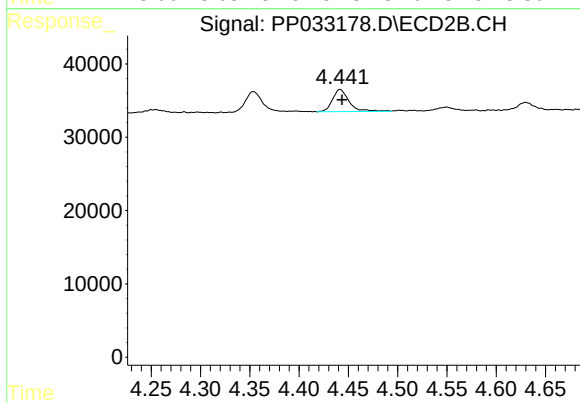
#9 AR-1221-2

R.T.: 4.354 min
Delta R.T.: -0.003 min
Response: 32583
Conc: 103.11 ng/ml



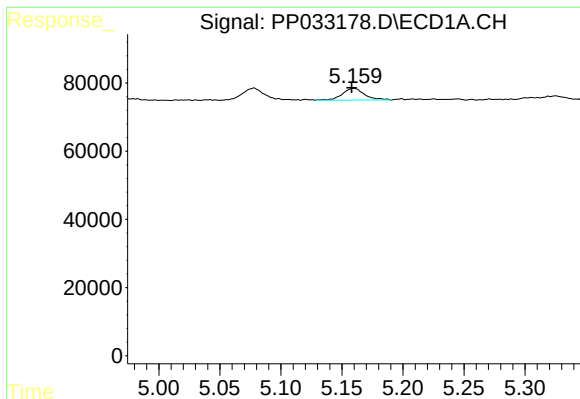
#10 AR-1221-3

R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 43836
Conc: 31.08 ng/ml



#10 AR-1221-3

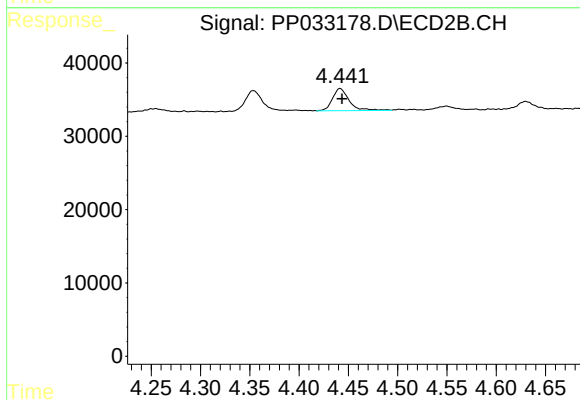
R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 35607
Conc: 36.16 ng/ml



#11 AR-1232-1

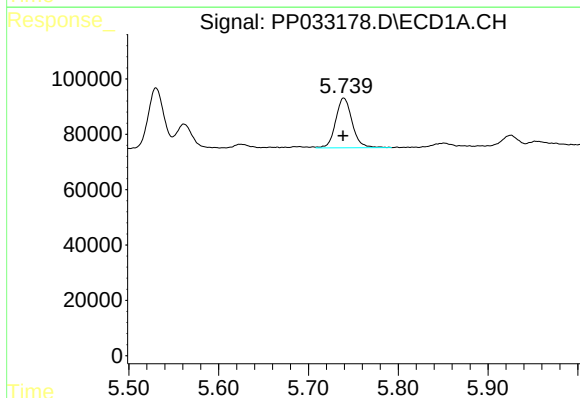
R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 43836
Conc: 37.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



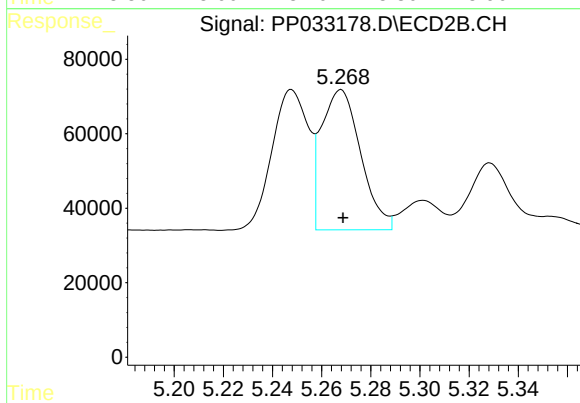
#11 AR-1232-1

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 35607
Conc: 44.93 ng/ml



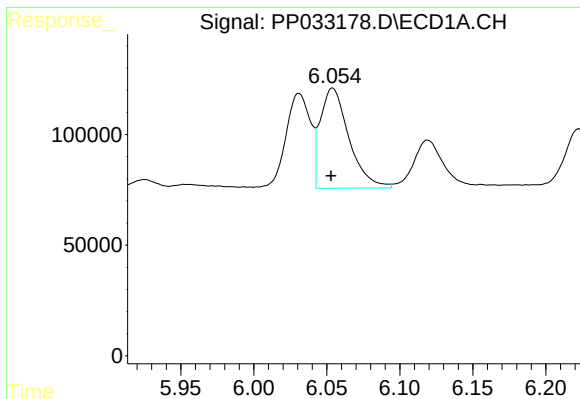
#12 AR-1232-2

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 229424
Conc: 359.34 ng/ml



#12 AR-1232-2

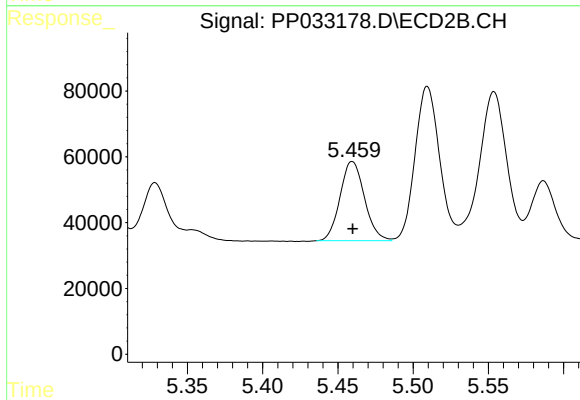
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 418035
Conc: 565.44 ng/ml



#13 AR-1232-3

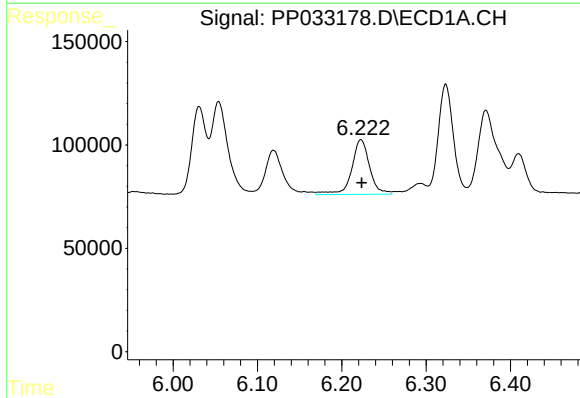
R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 619985
Conc: 565.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



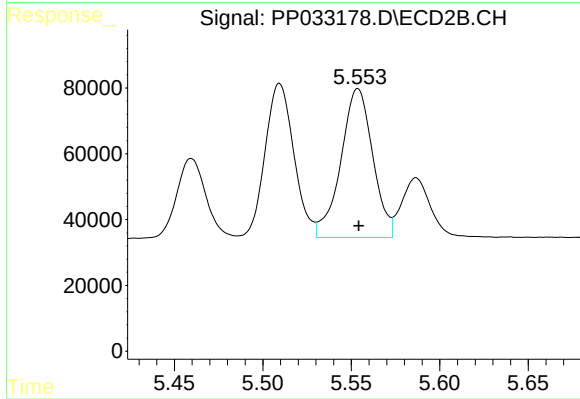
#13 AR-1232-3

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 272208
Conc: 686.31 ng/ml



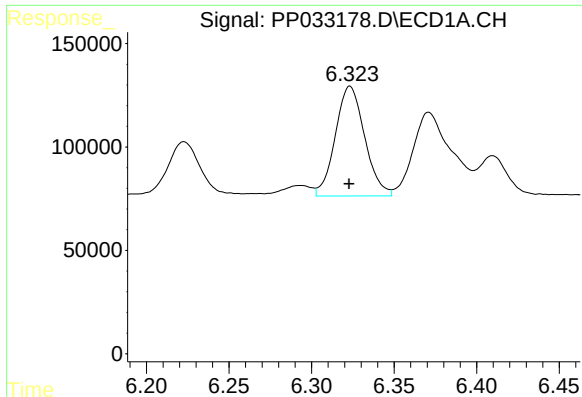
#14 AR-1232-4

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 391439
Conc: 681.99 ng/ml



#14 AR-1232-4

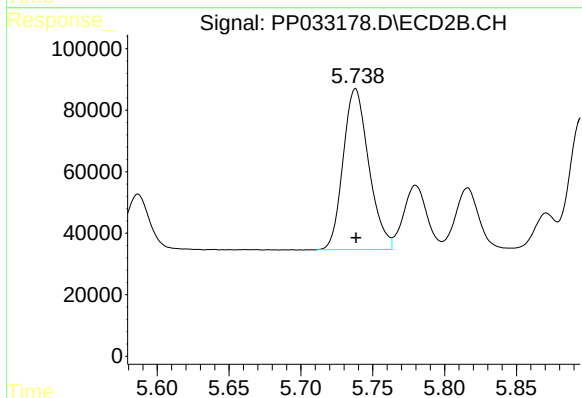
R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 567779
Conc: 1619.68 ng/ml



#15 AR-1232-5

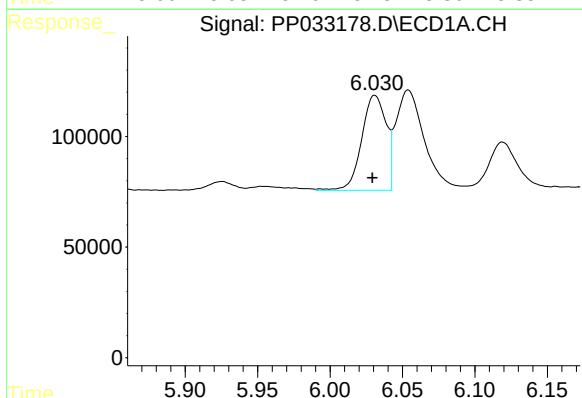
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 656612
Conc: 1796.89 ng/ml

Instrument :
ECD_P
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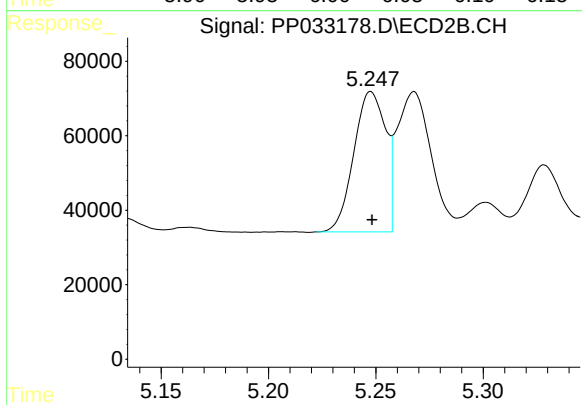
#15 AR-1232-5

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 651903
Conc: 1715.32 ng/ml



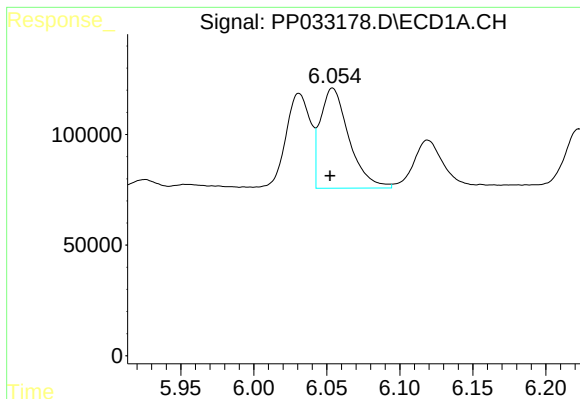
#16 AR-1242-1

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 505259
Conc: 388.69 ng/ml



#16 AR-1242-1

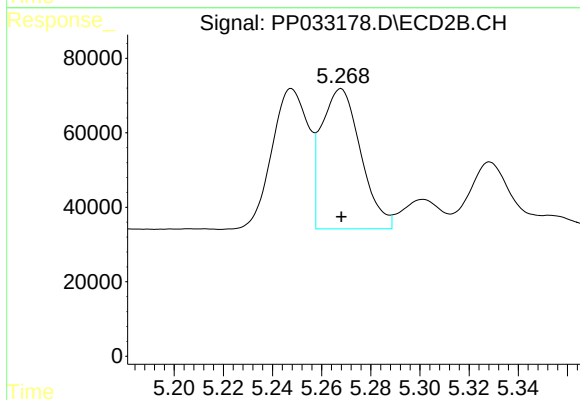
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 386782
Conc: 446.87 ng/ml



#17 AR-1242-2

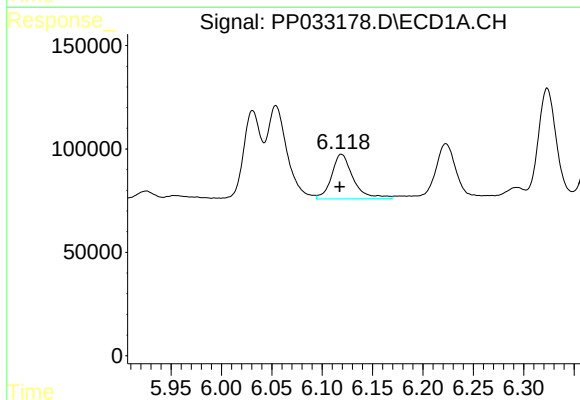
R.T.: 6.054 min
Delta R.T.: 0.002 min
Response: 619985
Conc: 314.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



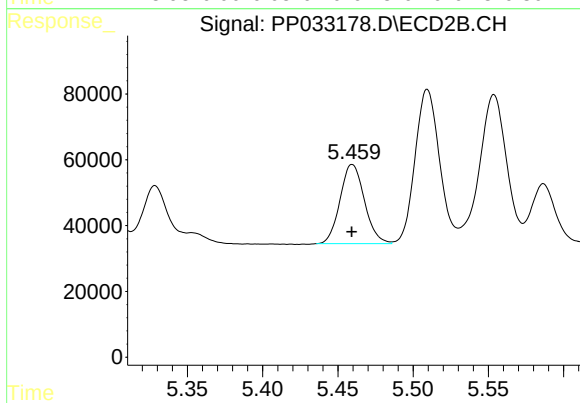
#17 AR-1242-2

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 418035
Conc: 325.73 ng/ml



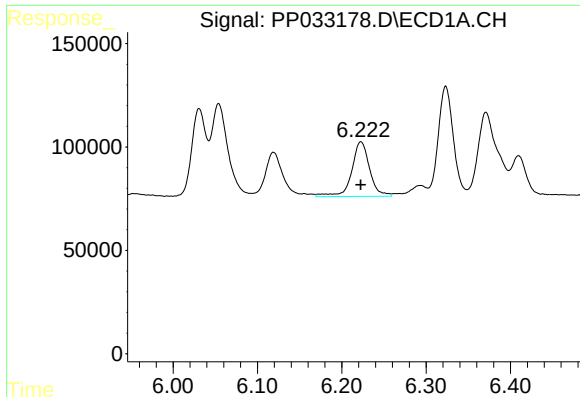
#18 AR-1242-3

R.T.: 6.119 min
Delta R.T.: 0.002 min
Response: 321679
Conc: 253.80 ng/ml



#18 AR-1242-3

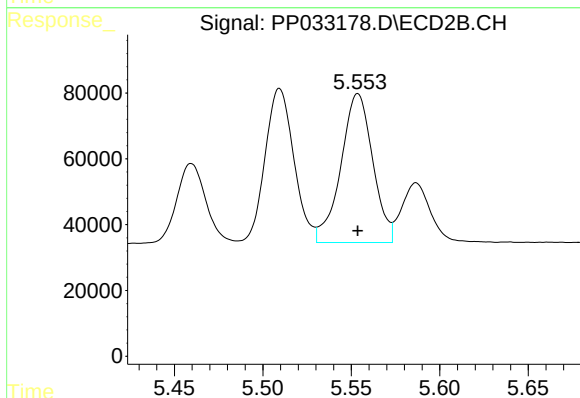
R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 272208
Conc: 387.26 ng/ml



#19 AR-1242-4

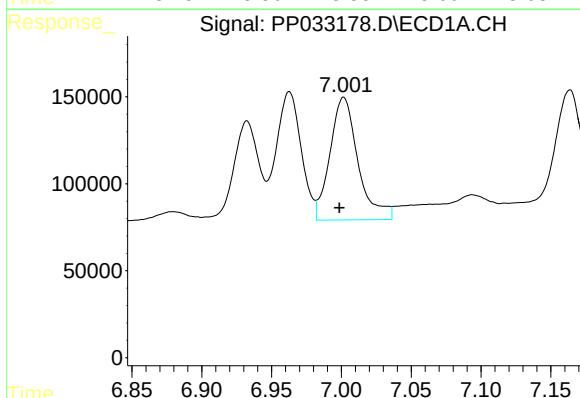
R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 391439
Conc: 356.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



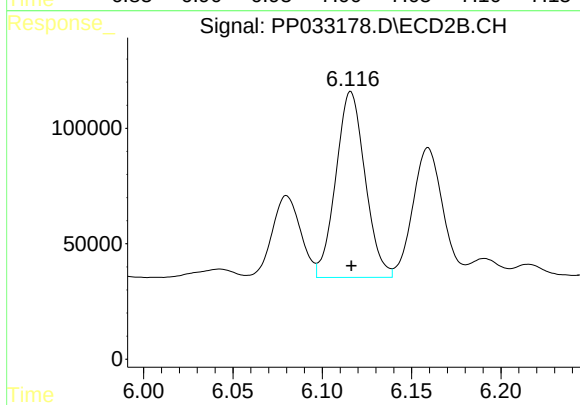
#19 AR-1242-4

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 567779
Conc: 815.17 ng/ml



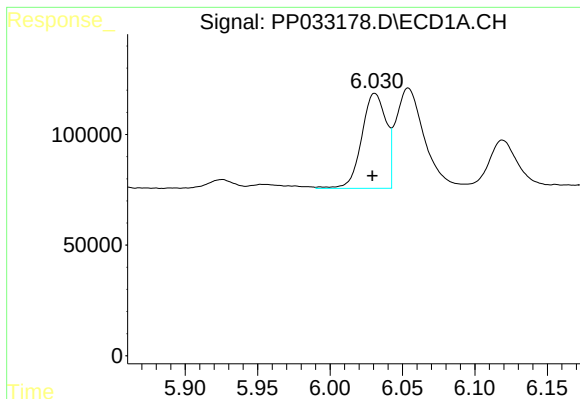
#20 AR-1242-5

R.T.: 7.002 min
Delta R.T.: 0.003 min
Response: 988204
Conc: 951.16 ng/ml



#20 AR-1242-5

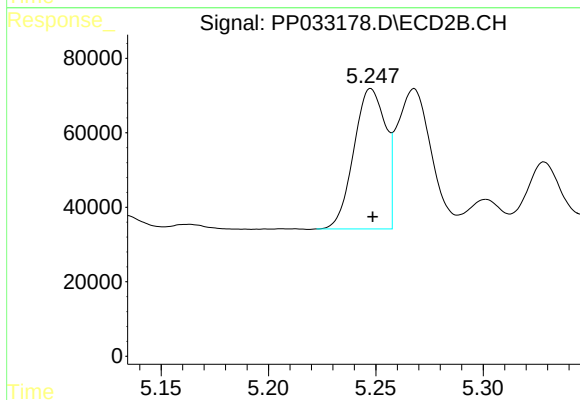
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 916283
Conc: 1085.17 ng/ml



#21 AR-1248-1

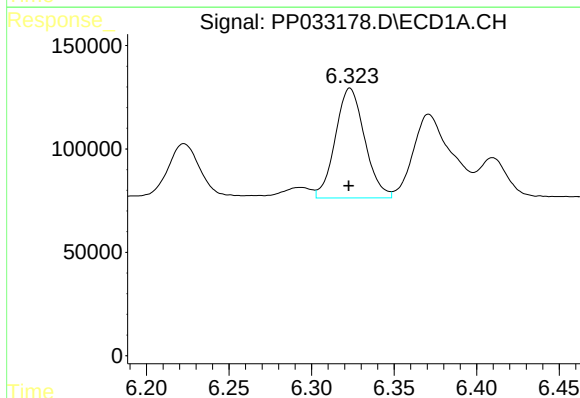
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 505259
Conc: 527.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



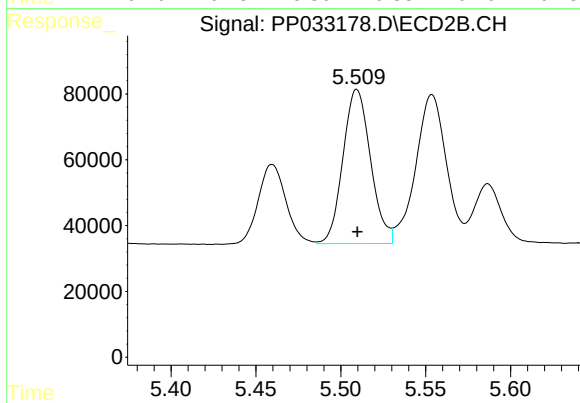
#21 AR-1248-1

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 386782
Conc: 594.74 ng/ml



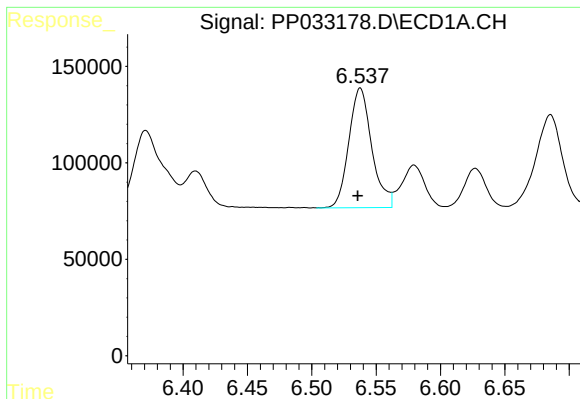
#22 AR-1248-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 656612
Conc: 495.53 ng/ml



#22 AR-1248-2

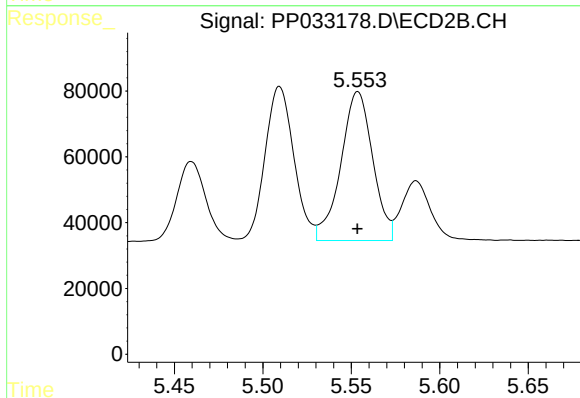
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 531374
Conc: 553.89 ng/ml



#23 AR-1248-3

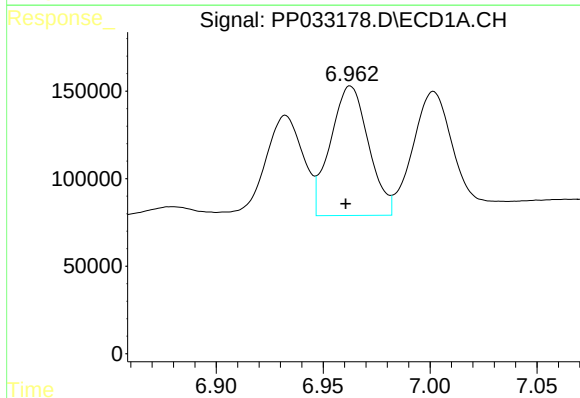
R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 771284
Conc: 476.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



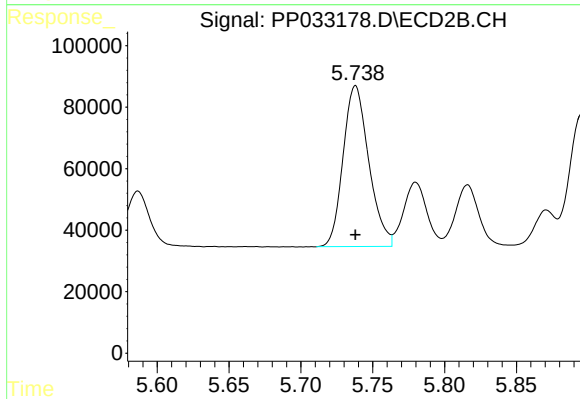
#23 AR-1248-3

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 567779
Conc: 558.42 ng/ml



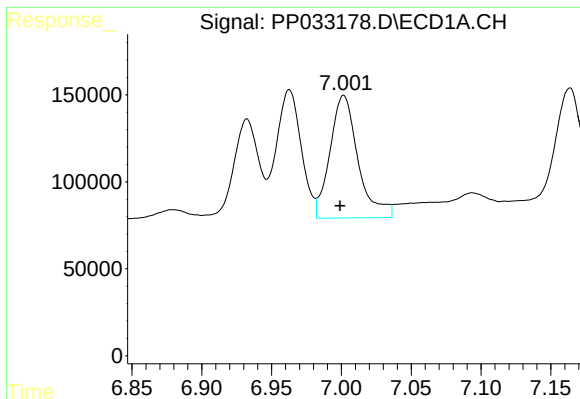
#24 AR-1248-4

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 918312
Conc: 533.70 ng/ml



#24 AR-1248-4

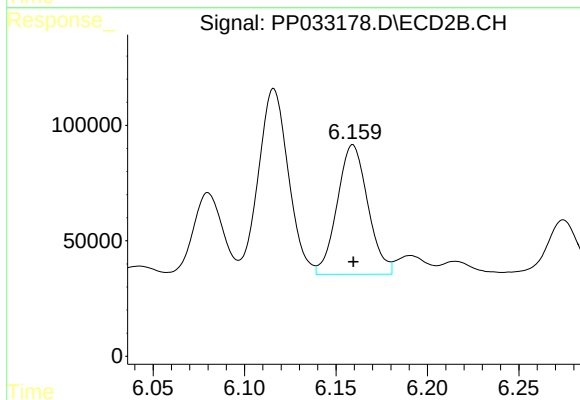
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 651903
Conc: 526.04 ng/ml



#25 AR-1248-5

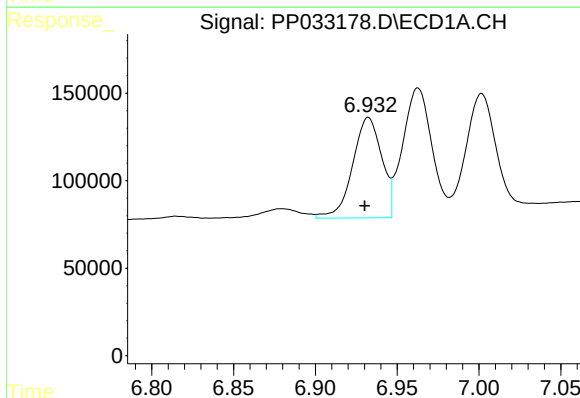
R.T.: 7.002 min
Delta R.T.: 0.003 min
Response: 988204
Conc: 567.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



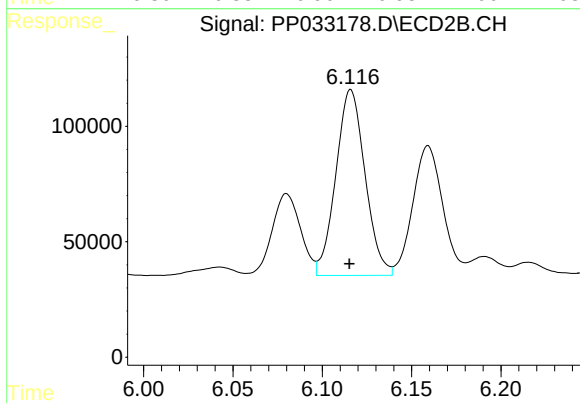
#25 AR-1248-5

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 654854
Conc: 579.86 ng/ml



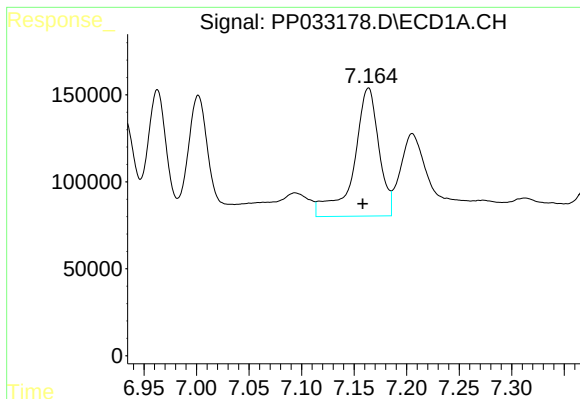
#26 AR-1254-1

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 711487
Conc: 378.95 ng/ml



#26 AR-1254-1

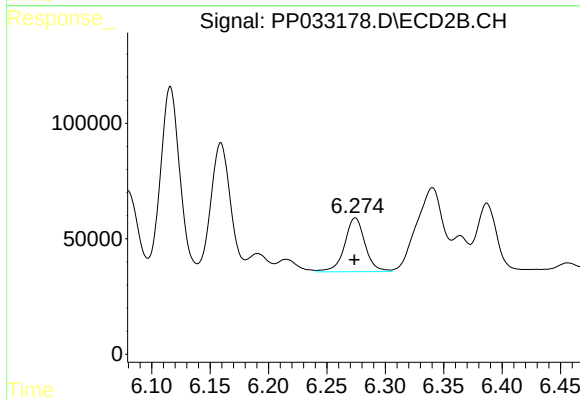
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 916283
Conc: 479.44 ng/ml



#27 AR-1254-2

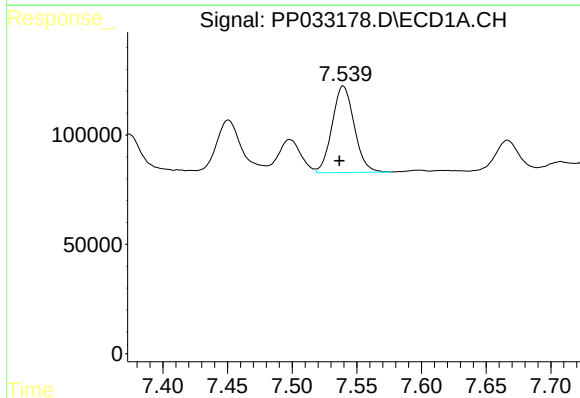
R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 1228384
Conc: 418.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



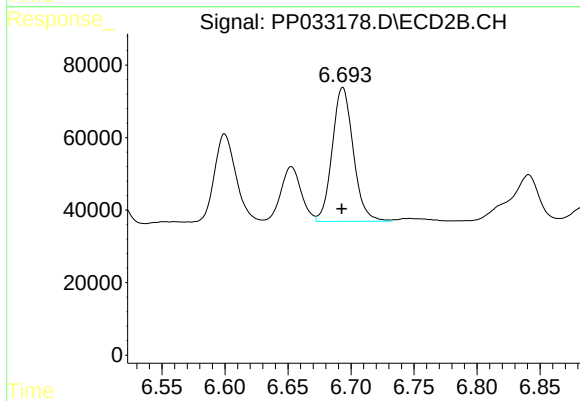
#27 AR-1254-2

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 284911
Conc: 173.77 ng/ml



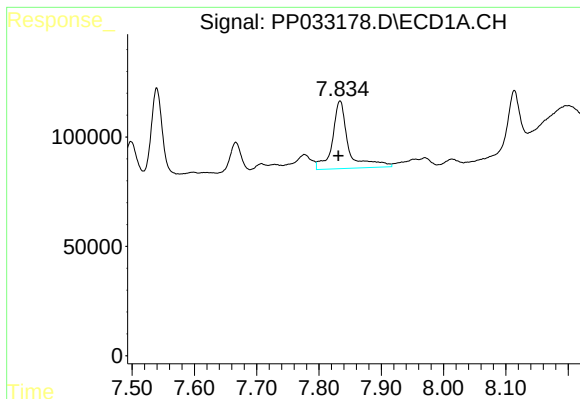
#28 AR-1254-3

R.T.: 7.540 min
Delta R.T.: 0.003 min
Response: 471201
Conc: 155.14 ng/ml



#28 AR-1254-3

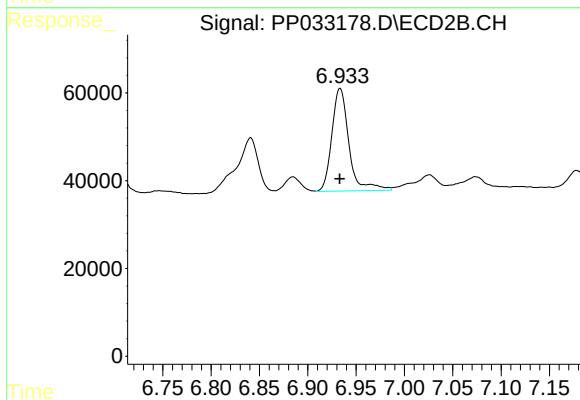
R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 428849
Conc: 159.56 ng/ml



#29 AR-1254-4

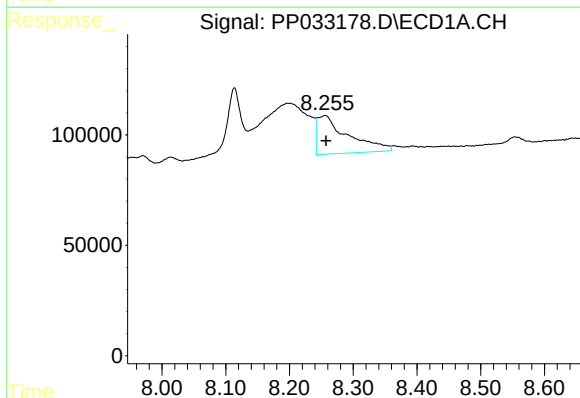
R.T.: 7.834 min
Delta R.T.: 0.002 min
Response: 552770
Conc: 238.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



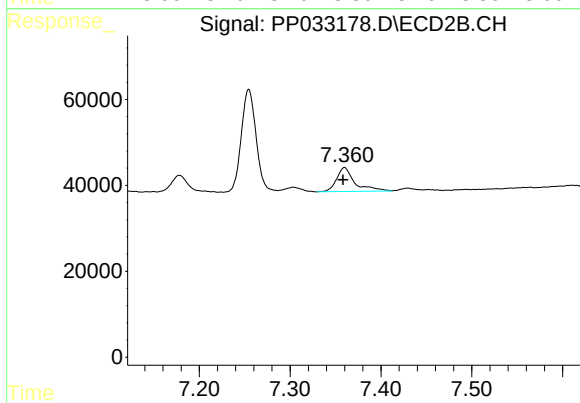
#29 AR-1254-4

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 288791
Conc: 193.42 ng/ml



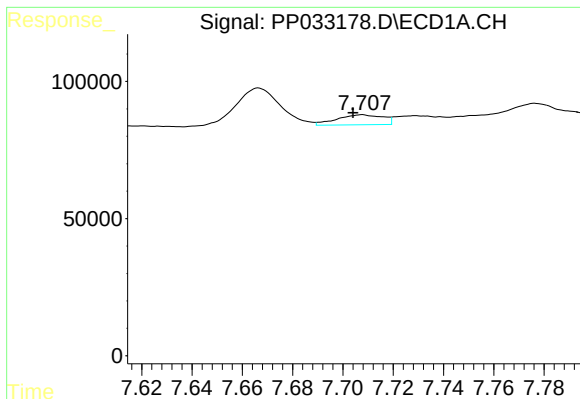
#30 AR-1254-5

R.T.: 8.256 min
Delta R.T.: -0.001 min
Response: 586141
Conc: 242.23 ng/ml



#30 AR-1254-5

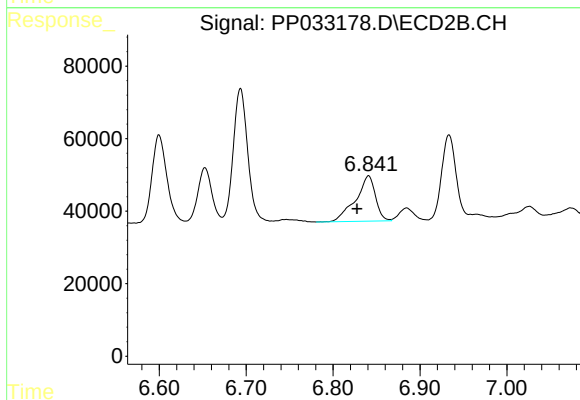
R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 77480
Conc: 32.00 ng/ml



#31 AR-1260-1

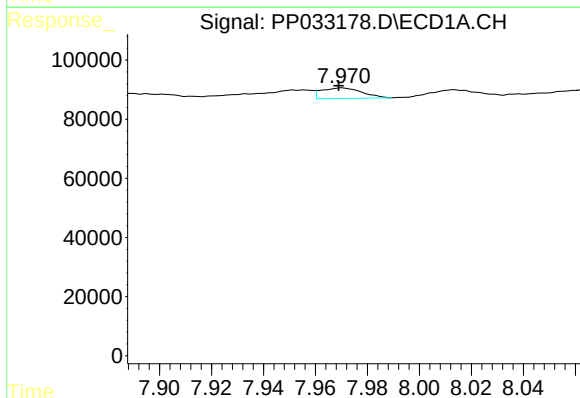
R.T.: 7.708 min
Delta R.T.: 0.004 min
Response: 46492
Conc: 21.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



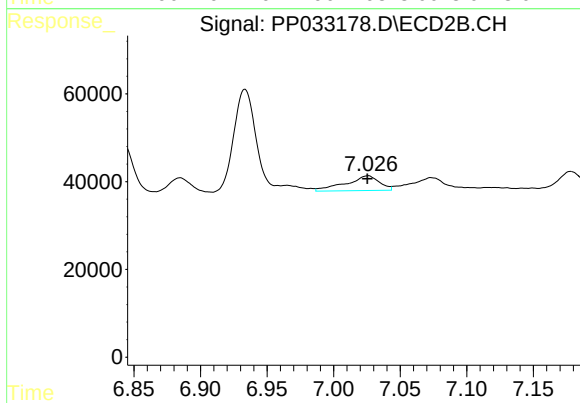
#31 AR-1260-1

R.T.: 6.841 min
Delta R.T.: 0.013 min
Response: 198777
Conc: 115.89 ng/ml



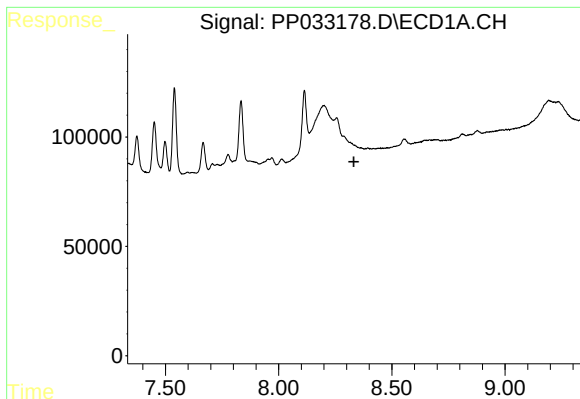
#32 AR-1260-2

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 38241
Conc: 13.08 ng/ml



#32 AR-1260-2

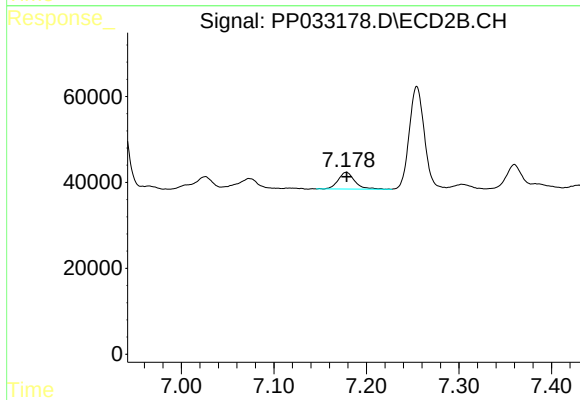
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 59022
Conc: 29.21 ng/ml



#33 AR-1260-3

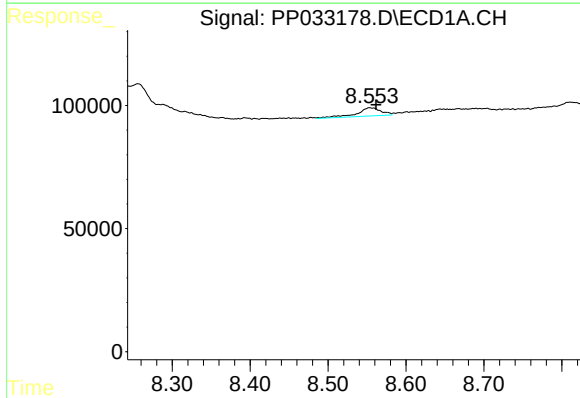
R.T.: 0.000 min
Exp R.T.: 8.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



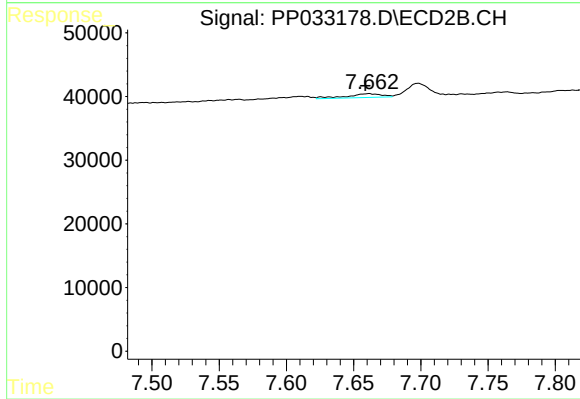
#33 AR-1260-3

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 48477
Conc: 24.44 ng/ml



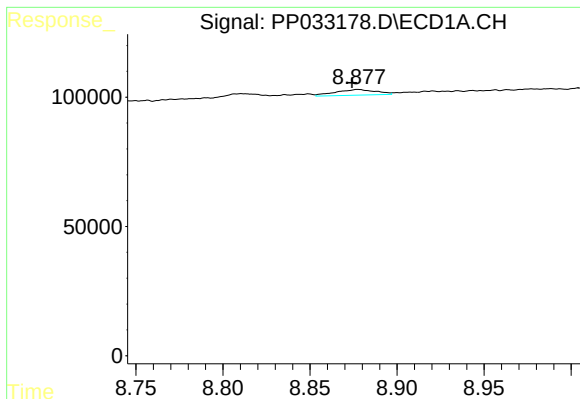
#34 AR-1260-4

R.T.: 8.553 min
Delta R.T.: -0.008 min
Response: 72960
Conc: 29.86 ng/ml



#34 AR-1260-4

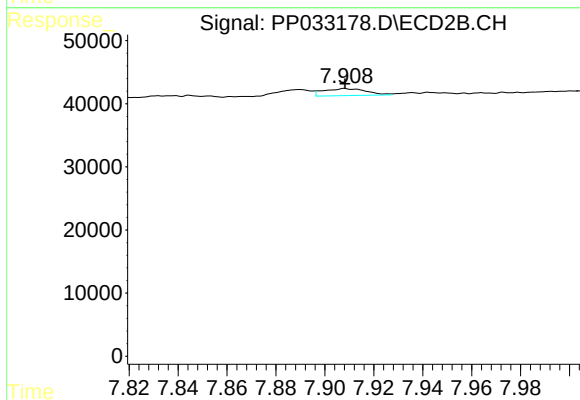
R.T.: 7.661 min
Delta R.T.: 0.002 min
Response: 10813
Conc: 6.43 ng/ml



#35 AR-1260-5

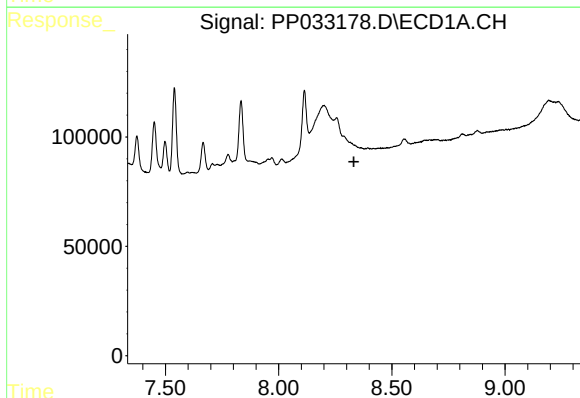
R.T.: 8.878 min
Delta R.T.: 0.004 min
Response: 35461
Conc: 6.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



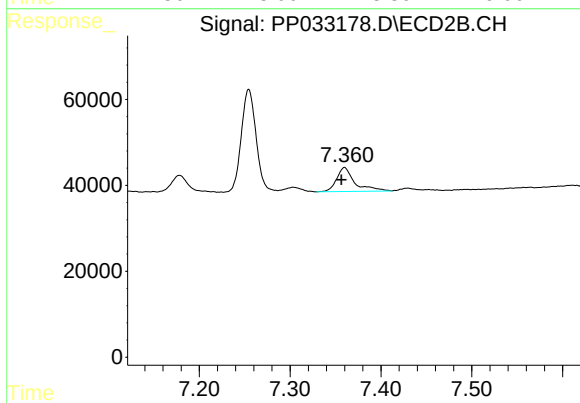
#35 AR-1260-5

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 13538
Conc: 3.52 ng/ml



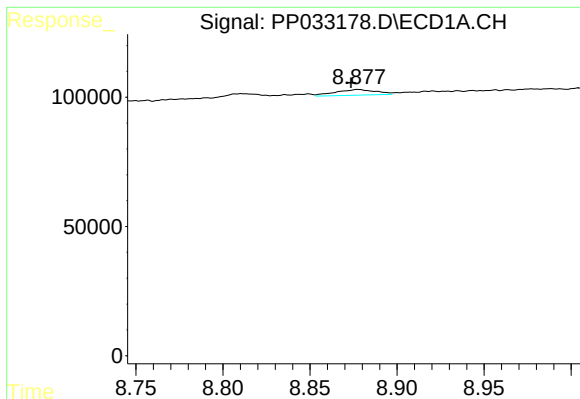
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.332 min
Response: 0
Conc: N.D.



#36 AR-1262-1

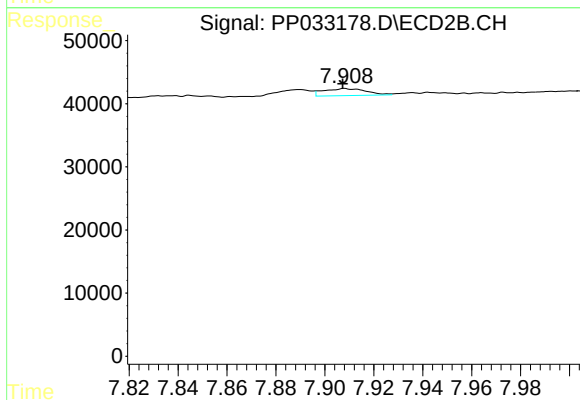
R.T.: 7.360 min
Delta R.T.: 0.003 min
Response: 77480
Conc: 62.21 ng/ml



#37 AR-1262-2

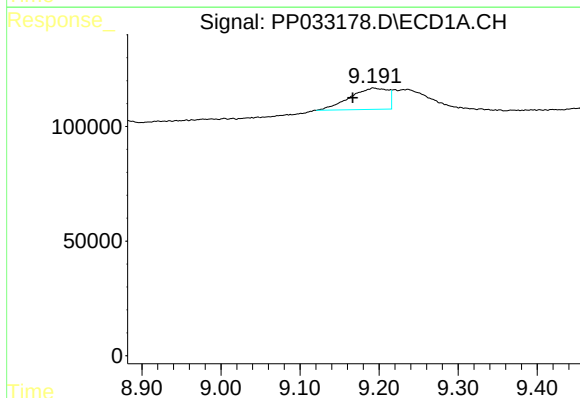
R.T.: 8.878 min
Delta R.T.: 0.004 min
Response: 35461
Conc: 5.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



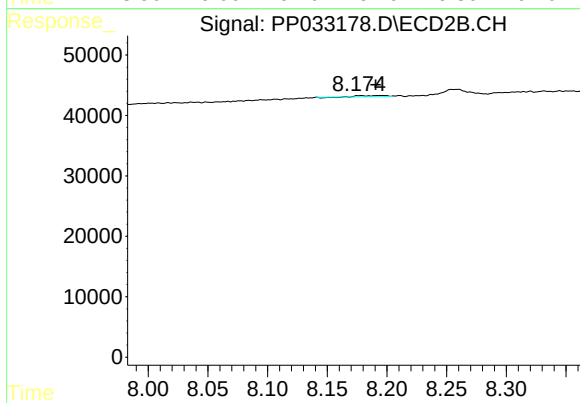
#37 AR-1262-2

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 13538
Conc: 3.08 ng/ml



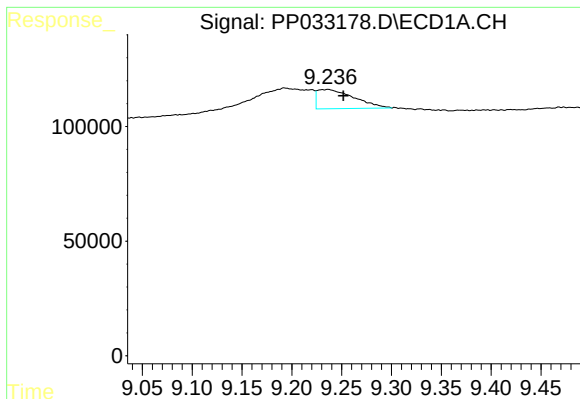
#38 AR-1262-3

R.T.: 9.193 min
Delta R.T.: 0.026 min
Response: 311169
Conc: 75.91 ng/ml



#38 AR-1262-3

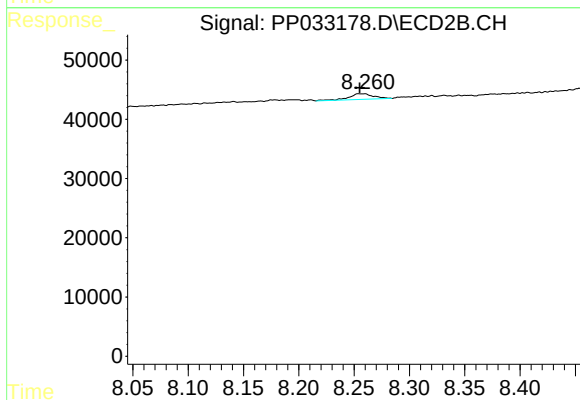
R.T.: 8.196 min
Delta R.T.: 0.005 min
Response: 2626
Conc: 1.39 ng/ml



#39 AR-1262-4

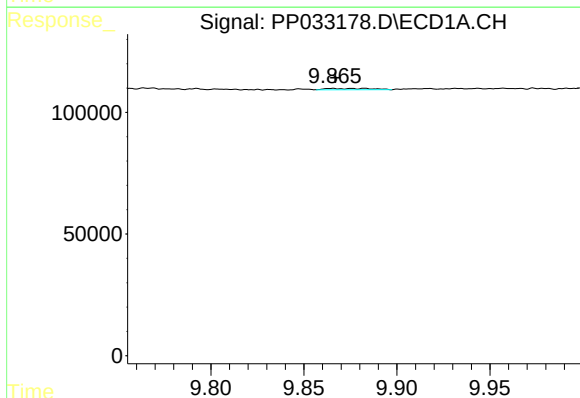
R.T.: 9.236 min
Delta R.T.: -0.015 min
Response: 214026
Conc: 68.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



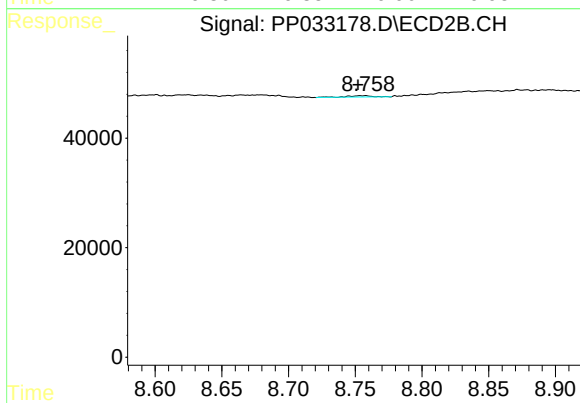
#39 AR-1262-4

R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 14562
Conc: 4.27 ng/ml



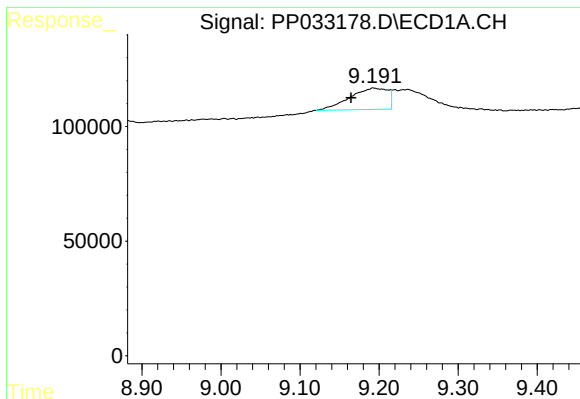
#40 AR-1262-5

R.T.: 9.865 min
Delta R.T.: -0.002 min
Response: 9687
Conc: 4.71 ng/ml



#40 AR-1262-5

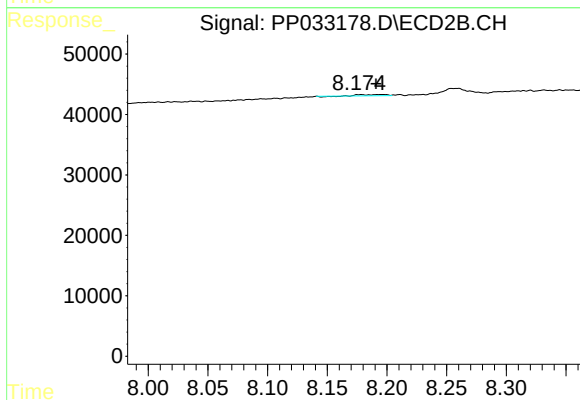
R.T.: 8.757 min
Delta R.T.: 0.005 min
Response: 2800
Conc: 1.82 ng/ml



#41 AR-1268-1

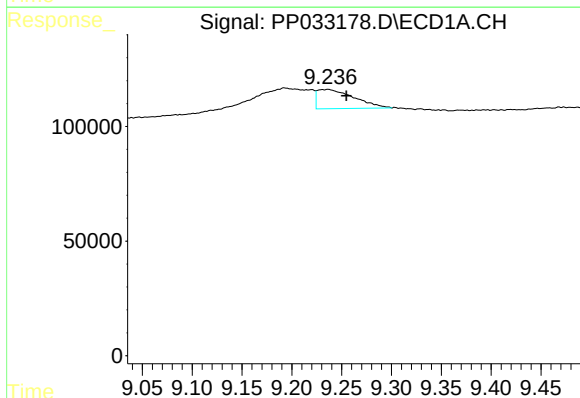
R.T.: 9.193 min
Delta R.T.: 0.028 min
Response: 311169
Conc: 41.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



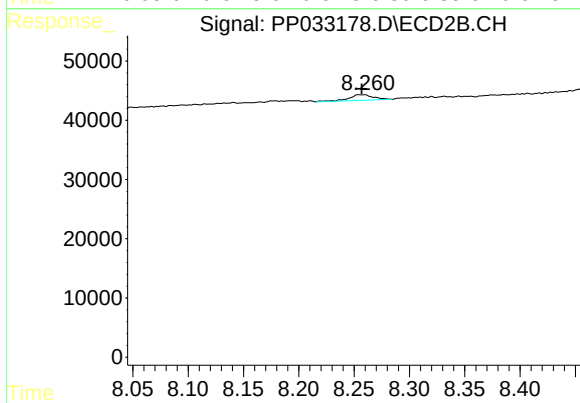
#41 AR-1268-1

R.T.: 8.196 min
Delta R.T.: 0.005 min
Response: 2626
Conc: 0.51 ng/ml



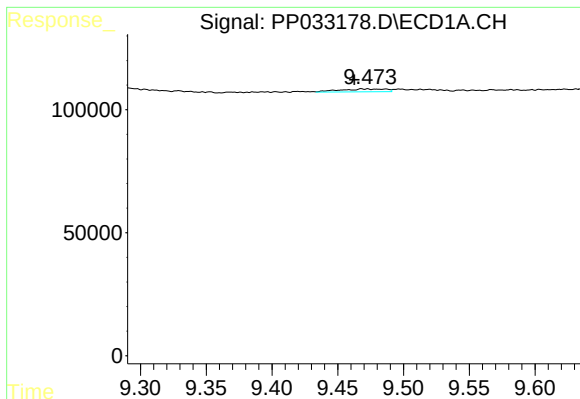
#42 AR-1268-2

R.T.: 9.236 min
Delta R.T.: -0.018 min
Response: 214026
Conc: 33.15 ng/ml



#42 AR-1268-2

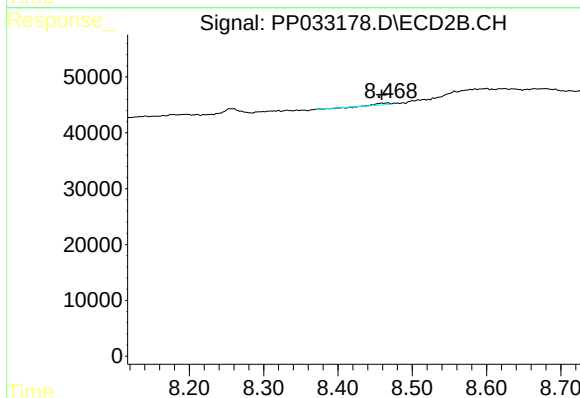
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 14562
Conc: 2.96 ng/ml



#43 AR-1268-3

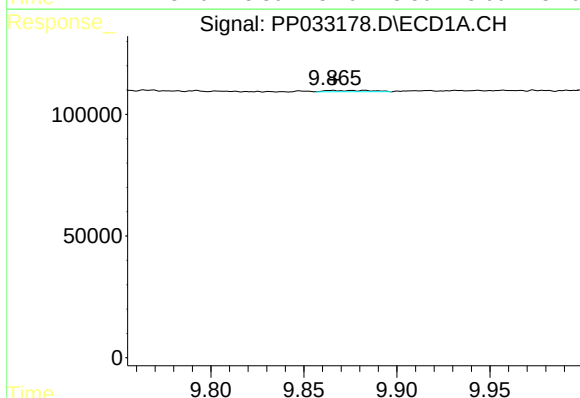
R.T.: 9.473 min
Delta R.T.: 0.010 min
Response: 28021
Conc: 4.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



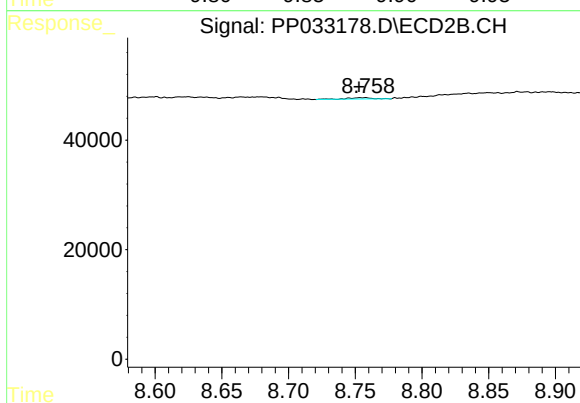
#43 AR-1268-3

R.T.: 8.467 min
Delta R.T.: 0.008 min
Response: 3025
Conc: 0.69 ng/ml



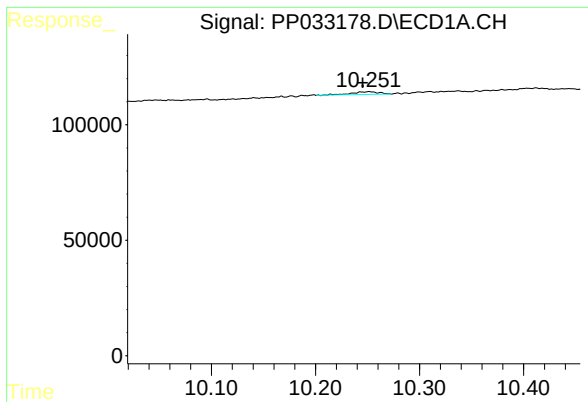
#44 AR-1268-4

R.T.: 9.865 min
Delta R.T.: -0.001 min
Response: 9687
Conc: 4.46 ng/ml



#44 AR-1268-4

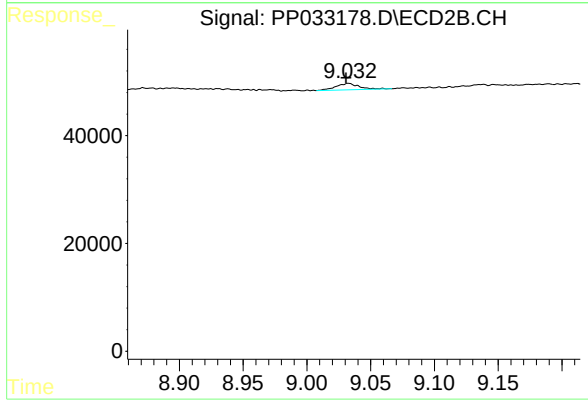
R.T.: 8.757 min
Delta R.T.: 0.004 min
Response: 2800
Conc: 1.69 ng/ml



#45 AR-1268-5

R.T.: 10.252 min
Delta R.T.: 0.006 min
Response: 21988
Conc: 1.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248CCC500



#45 AR-1268-5

R.T.: 9.033 min
Delta R.T.: 0.002 min
Response: 15121
Conc: 1.18 ng/ml