

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030921\
 Data File : PP033777.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Mar 2021 00:42
 Operator : DD\AJ
 Sample : M1458-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 03:21:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 10 03:01:34 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...	4.857	4.271	1532838	718951	17.716	17.697
2)	SA Decachlor...	10.784	9.599	1591746	522869	18.847	19.594
Target Compounds							
3)	L1 AR-1016-1	6.169	5.529	128386	51250	48.190	45.029
4)	L1 AR-1016-2	6.193	5.549	179228	73669	44.343	44.566
5)	L1 AR-1016-3	6.258	5.742	118789	36652	48.004	40.000
6)	L1 AR-1016-4	6.365	5.791	89646	31158	43.977	43.149
7)	L1 AR-1016-5	6.678	6.022	88351	37807	43.587	40.890
8)	L2 AR-1221-1	5.111	0.000	57176	0	61.959	N.D. #
9)	L2 AR-1221-2	5.205	4.626	33367	13062	47.486	40.367
10)	L2 AR-1221-3	5.291	4.717	86798	26724	41.238	27.263 #
11)	L3 AR-1232-1	5.291	4.717	86798	26724	50.169	32.895 #
12)	L3 AR-1232-2	5.875	5.549	104130	73669	113.699	101.656
13)	L3 AR-1232-3	6.193	5.742	179228	36652	106.036	95.309
14)	L3 AR-1232-4	6.365	5.837	89646	37757	104.942	113.204
15)	L3 AR-1232-5	6.464	6.022	81188	37807	136.857	104.323
16)	L4 AR-1242-1	6.169	5.529	128386	51250	63.274	58.040
17)	L4 AR-1242-2	6.193	5.549	179228	73669	59.028	58.737
18)	L4 AR-1242-3	6.258	5.742	118789	36652	62.173	51.906
19)	L4 AR-1242-4	6.365	5.837	89646	37757	57.637	55.145
20)	L4 AR-1242-5	7.144	6.400	15799	24658	9.842	30.846 #
21)	L5 AR-1248-1	6.169	5.529	128386	51250	82.301	75.289
22)	L5 AR-1248-2	6.464	5.791	81188	31158	38.140	33.208
23)	L5 AR-1248-3	6.678	5.837	88351	37757	34.277	37.496
24)	L5 AR-1248-4	7.106	6.022	17362	37807	6.276	32.291 #
25)	L5 AR-1248-5	7.144	0.000	15799	0	5.793	N.D. #
26)	L6 AR-1254-1	7.075	6.400	64413	24658	22.591	14.988 #
27)	L6 AR-1254-2	7.303	6.557	67606	25523	15.401	17.814
28)	L6 AR-1254-3	7.686	6.995	56131	48779	11.829	21.131 #
29)	L6 AR-1254-4	7.978	7.215	185537	9388	54.980	7.258 #
30)	L6 AR-1254-5	8.406	7.641	216263	84960	57.726	43.744
31)	L7 AR-1260-1	7.850	7.113	176186	66329	51.305	43.401
32)	L7 AR-1260-2	8.116	7.306	223297	86013	54.235	47.554
33)	L7 AR-1260-3	8.480	7.463	157327	71117	48.606	41.992
34)	L7 AR-1260-4	8.709	7.945	198228	68806	53.515	46.785
35)	L7 AR-1260-5	9.029	8.187	329268	157602	42.562	48.474
36)	L8 AR-1262-1	8.480	7.641	157327	84960	33.065	79.924 #
37)	L8 AR-1262-2	9.029	8.187	329268	157602	38.095	47.297
38)	L8 AR-1262-3	9.350f	8.474	168609	53015	27.783	37.123 #
39)	L8 AR-1262-4	9.419	8.536	58815	102090	11.866	40.493 #
40)	L8 AR-1262-5	10.065	9.035	111062	39041	33.744	34.250
41)	L9 AR-1268-1	9.350f	8.474	168609	53015	16.193	13.861

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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

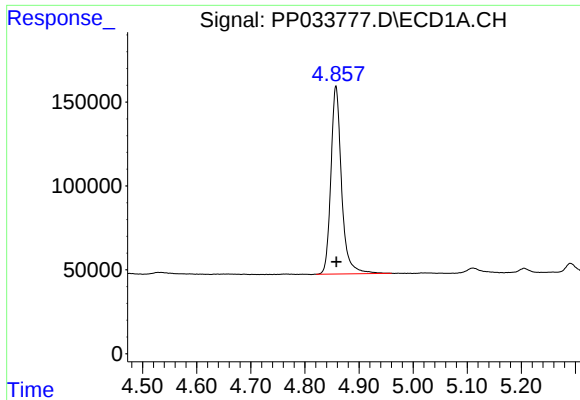
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 03:21:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030921.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	9.419	8.536	58815	102090	5.819	28.573 #
43) L9	AR-1268-3	0.000	8.751	0	33880	N.D.	10.906 #
44) L9	AR-1268-4	10.065	9.035	111062	39041	31.891	32.167
45) L9	AR-1268-5	10.460	9.334	36610	20586	1.238	2.252 #

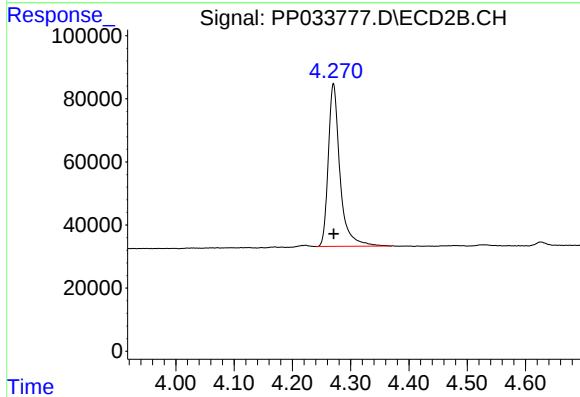
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

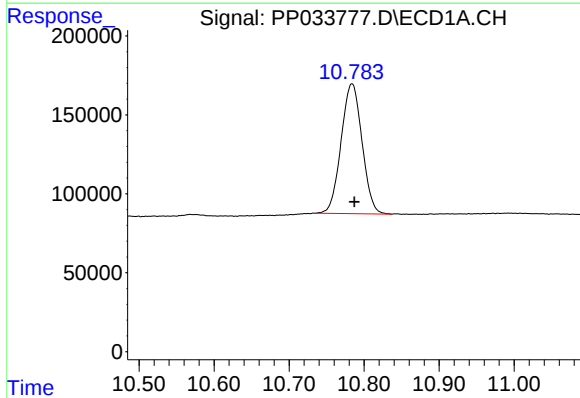
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 1532838
Conc: 17.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



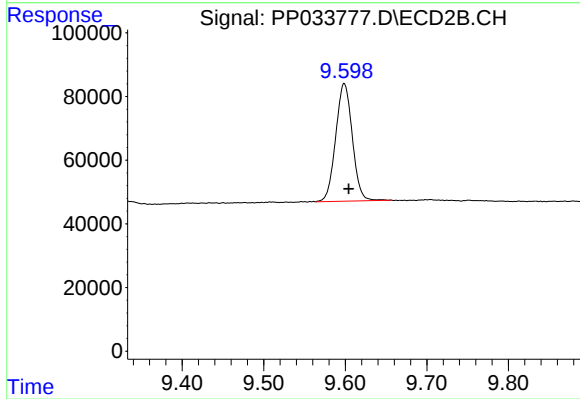
#1 Tetrachloro-m-xylene

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 718951
Conc: 17.70 ng/ml



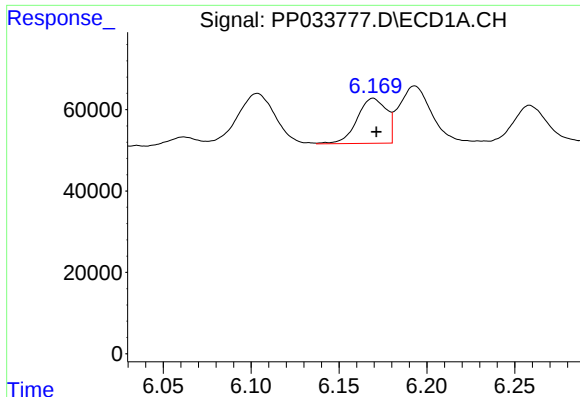
#2 Decachlorobiphenyl

R.T.: 10.784 min
Delta R.T.: -0.003 min
Response: 1591746
Conc: 18.85 ng/ml



#2 Decachlorobiphenyl

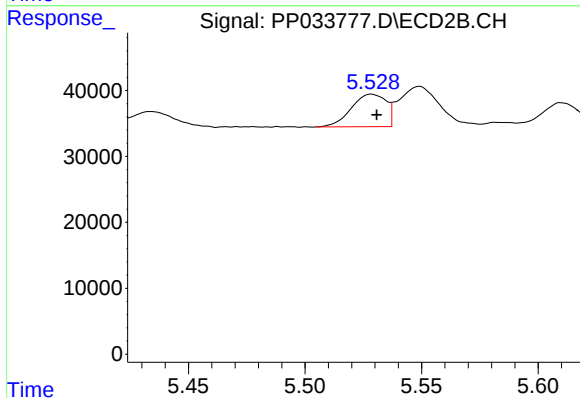
R.T.: 9.599 min
Delta R.T.: -0.005 min
Response: 522869
Conc: 19.59 ng/ml



#3 AR-1016-1

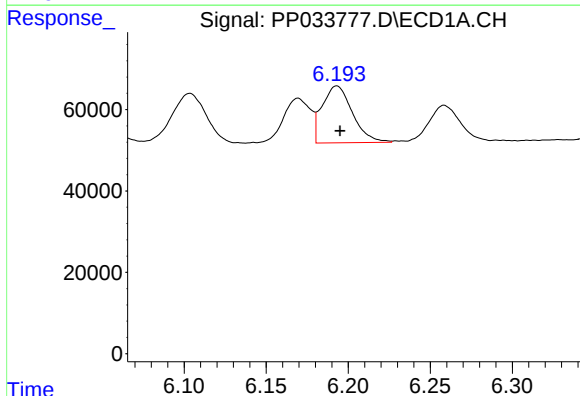
R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 128386
Conc: 48.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



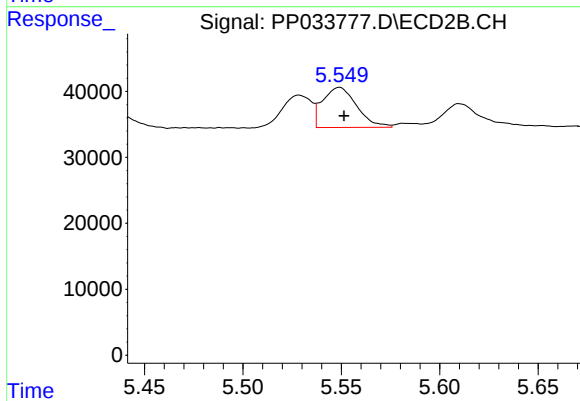
#3 AR-1016-1

R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 51250
Conc: 45.03 ng/ml



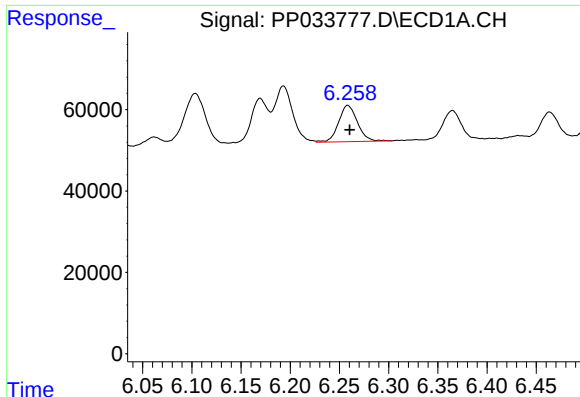
#4 AR-1016-2

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 179228
Conc: 44.34 ng/ml



#4 AR-1016-2

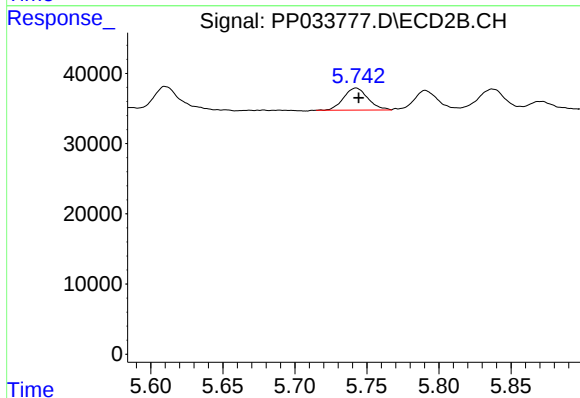
R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 73669
Conc: 44.57 ng/ml



#5 AR-1016-3

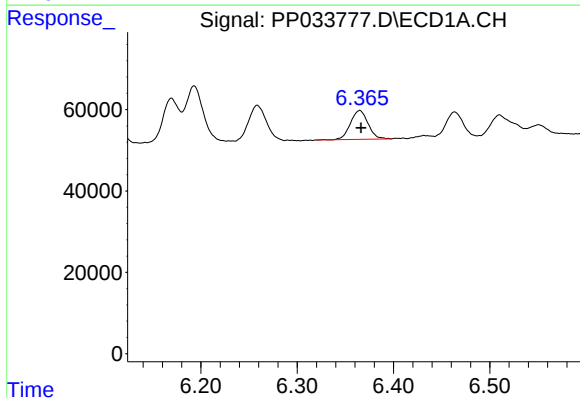
R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 118789
Conc: 48.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



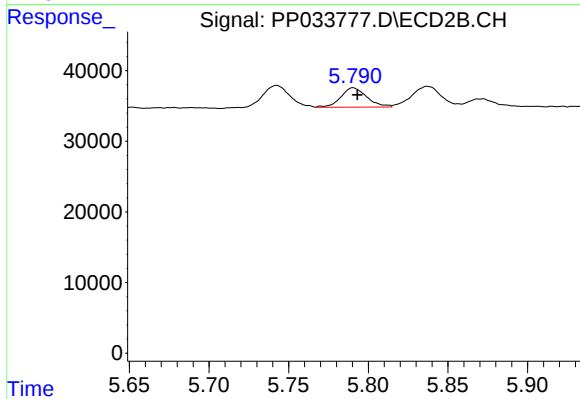
#5 AR-1016-3

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 36652
Conc: 40.00 ng/ml



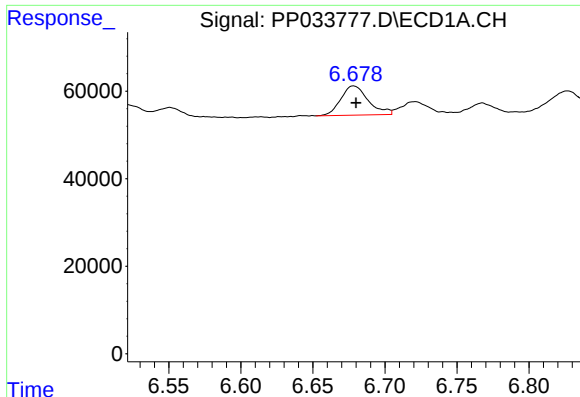
#6 AR-1016-4

R.T.: 6.365 min
Delta R.T.: -0.001 min
Response: 89646
Conc: 43.98 ng/ml



#6 AR-1016-4

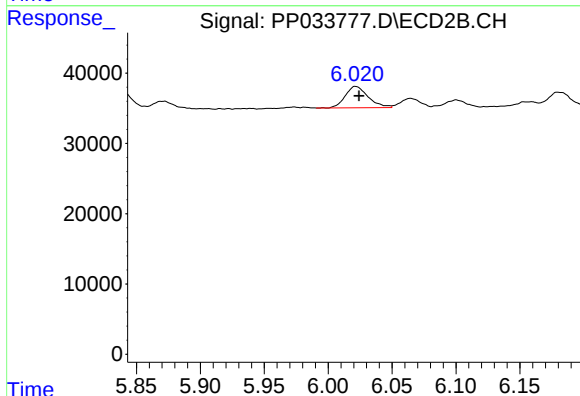
R.T.: 5.791 min
Delta R.T.: -0.003 min
Response: 31158
Conc: 43.15 ng/ml



#7 AR-1016-5

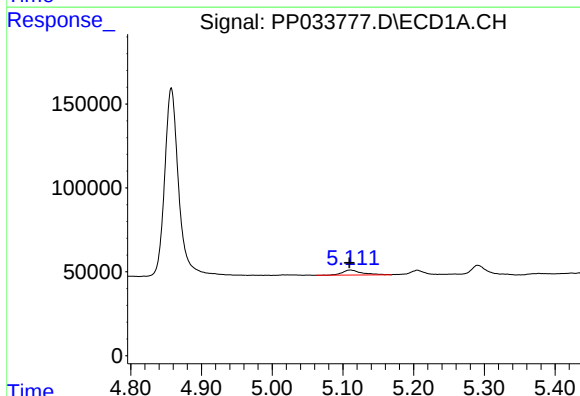
R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 88351
Conc: 43.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



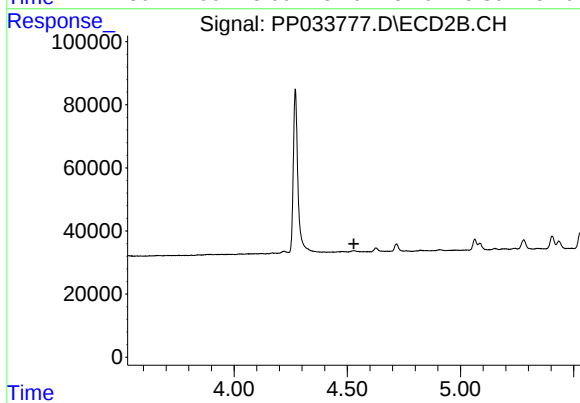
#7 AR-1016-5

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 37807
Conc: 40.89 ng/ml



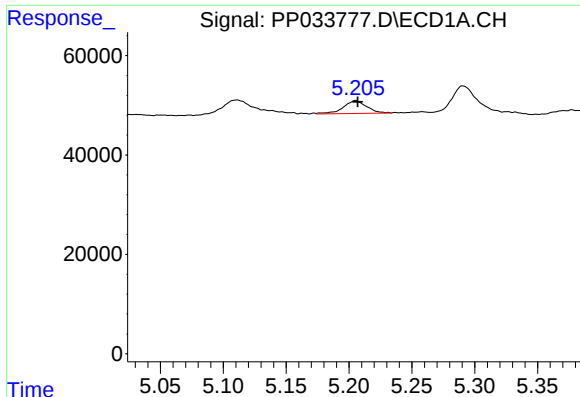
#8 AR-1221-1

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 57176
Conc: 61.96 ng/ml



#8 AR-1221-1

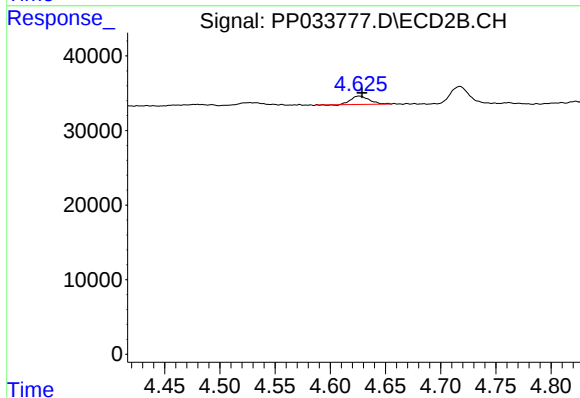
R.T.: 0.000 min
Exp R.T.: 4.529 min
Response: 0
Conc: N.D.



#9 AR-1221-2

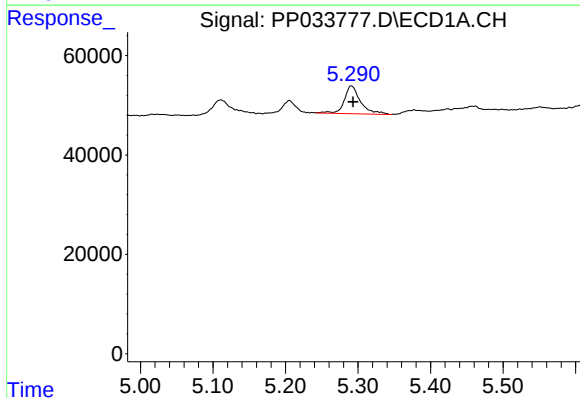
R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 33367
Conc: 47.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



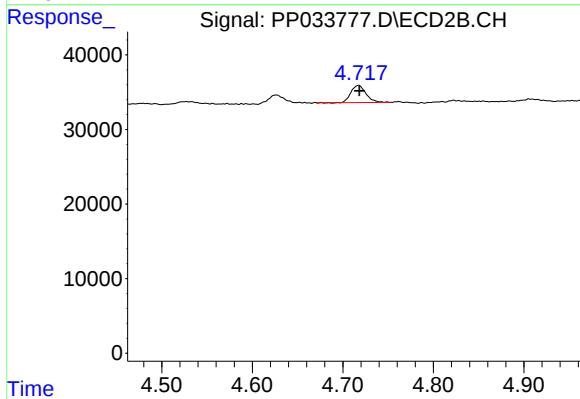
#9 AR-1221-2

R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 13062
Conc: 40.37 ng/ml



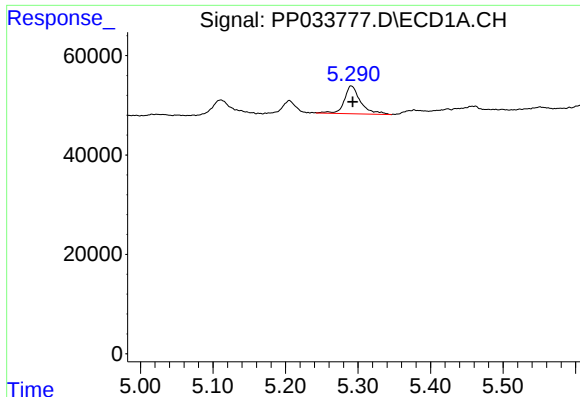
#10 AR-1221-3

R.T.: 5.291 min
Delta R.T.: -0.002 min
Response: 86798
Conc: 41.24 ng/ml



#10 AR-1221-3

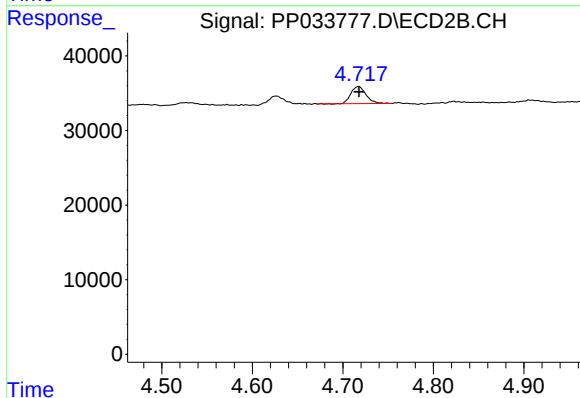
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 26724
Conc: 27.26 ng/ml



#11 AR-1232-1

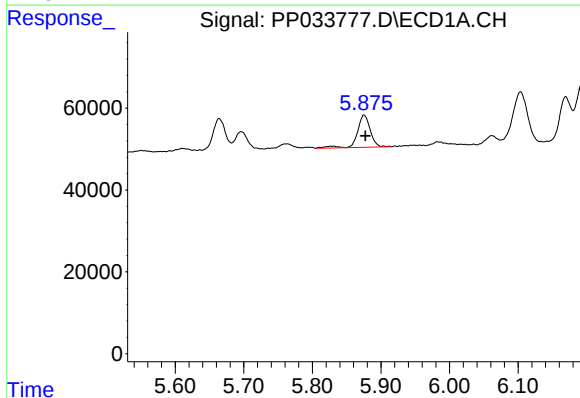
R.T.: 5.291 min
Delta R.T.: -0.002 min
Response: 86798
Conc: 50.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



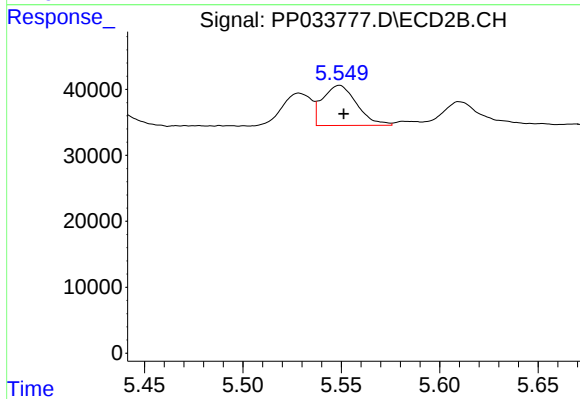
#11 AR-1232-1

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 26724
Conc: 32.89 ng/ml



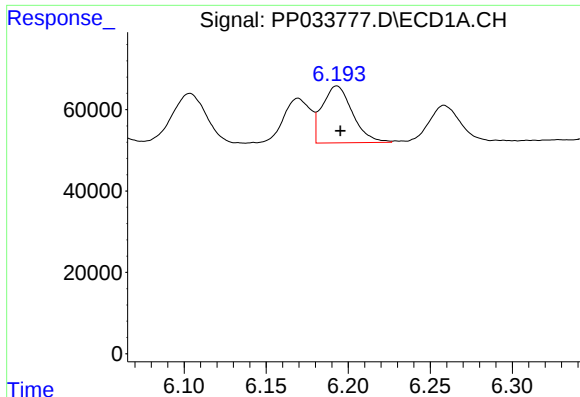
#12 AR-1232-2

R.T.: 5.875 min
Delta R.T.: -0.002 min
Response: 104130
Conc: 113.70 ng/ml



#12 AR-1232-2

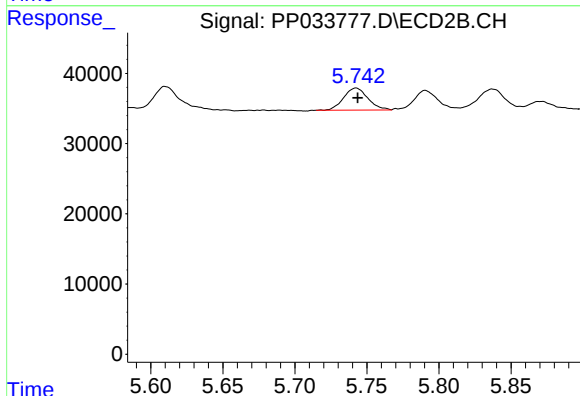
R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 73669
Conc: 101.66 ng/ml



#13 AR-1232-3

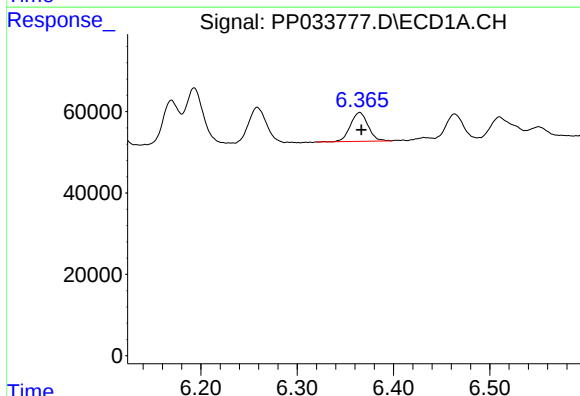
R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 179228
Conc: 106.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



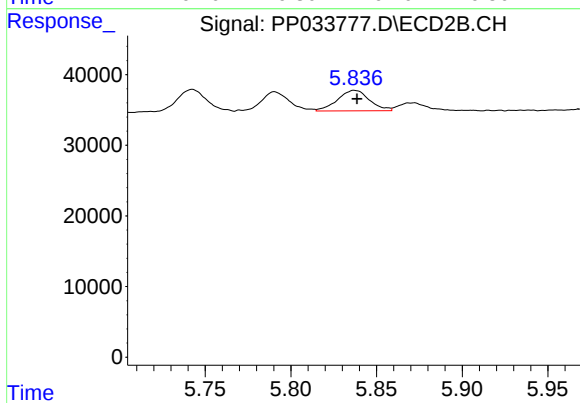
#13 AR-1232-3

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 36652
Conc: 95.31 ng/ml



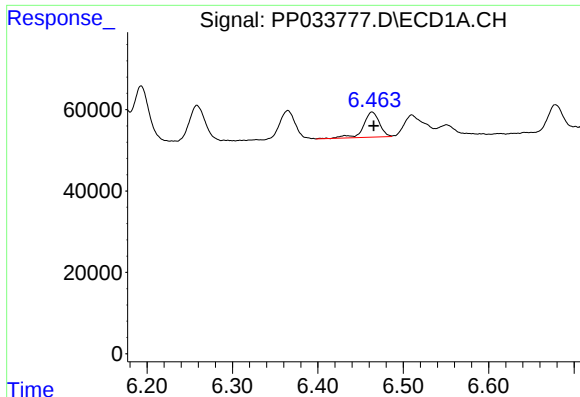
#14 AR-1232-4

R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 89646
Conc: 104.94 ng/ml



#14 AR-1232-4

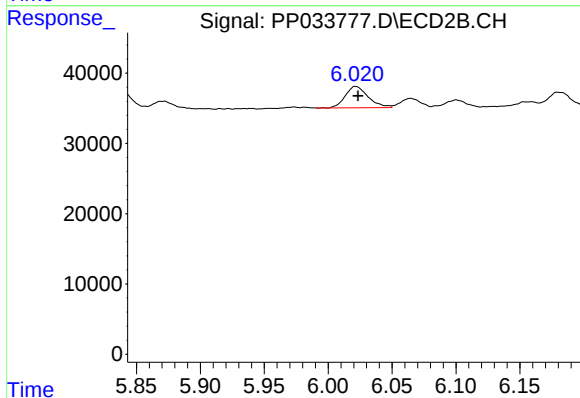
R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 37757
Conc: 113.20 ng/ml



#15 AR-1232-5

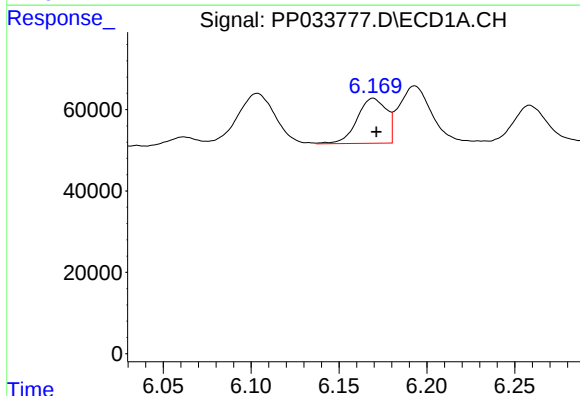
R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 81188
Conc: 136.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



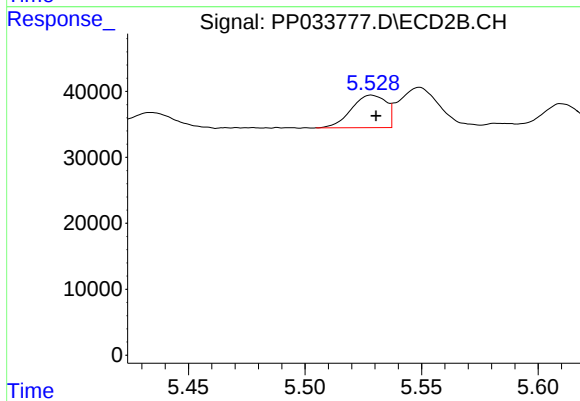
#15 AR-1232-5

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 37807
Conc: 104.32 ng/ml



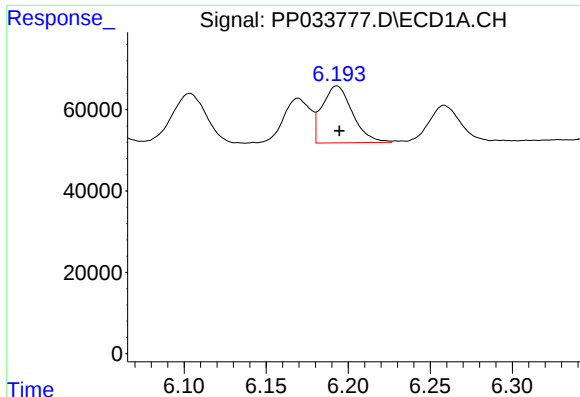
#16 AR-1242-1

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 128386
Conc: 63.27 ng/ml



#16 AR-1242-1

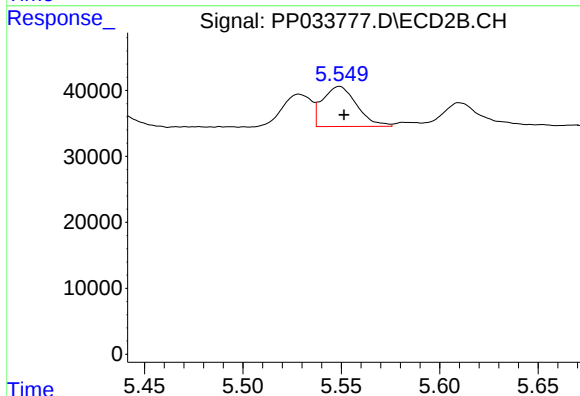
R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 51250
Conc: 58.04 ng/ml



#17 AR-1242-2

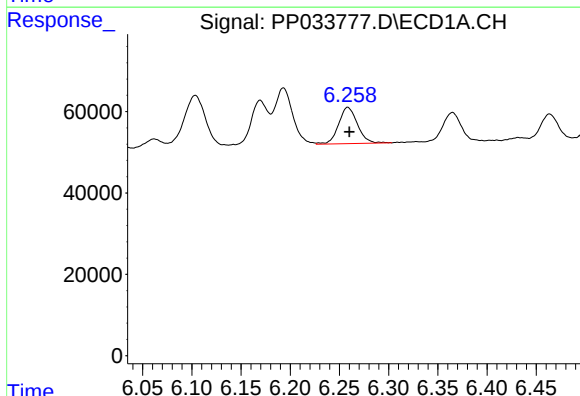
R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 179228
Conc: 59.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



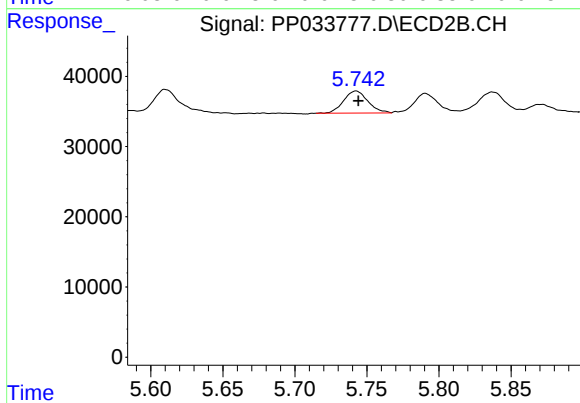
#17 AR-1242-2

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 73669
Conc: 58.74 ng/ml



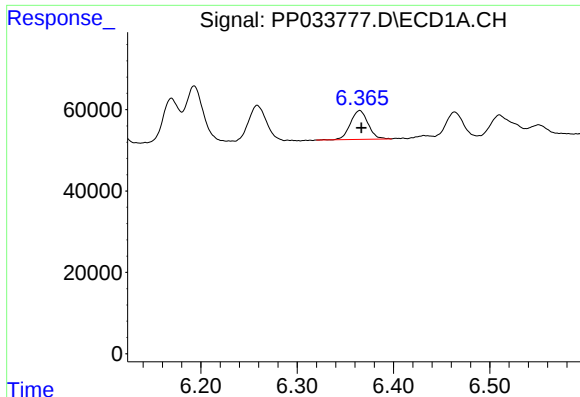
#18 AR-1242-3

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 118789
Conc: 62.17 ng/ml



#18 AR-1242-3

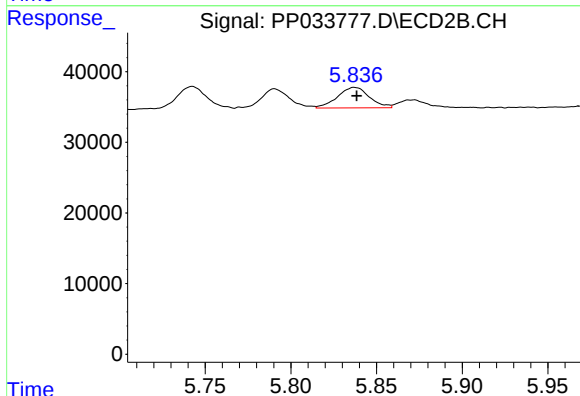
R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 36652
Conc: 51.91 ng/ml



#19 AR-1242-4

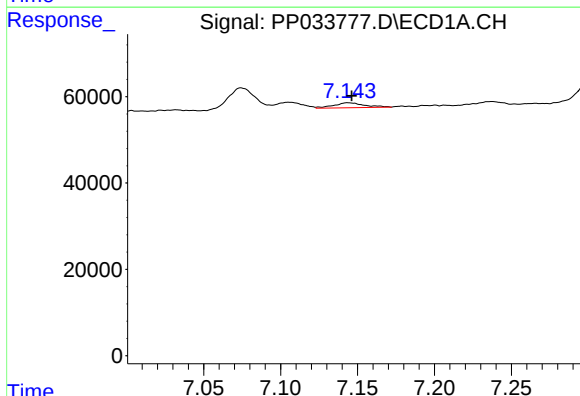
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 89646
Conc: 57.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



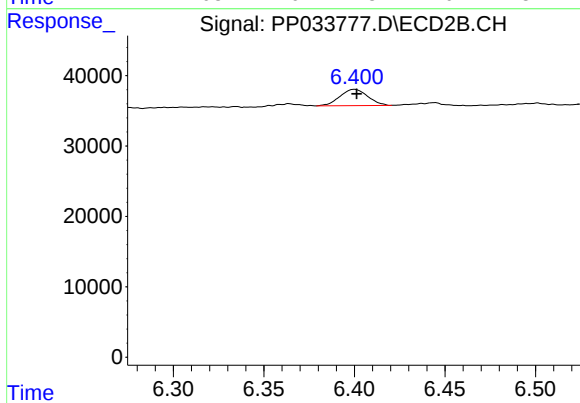
#19 AR-1242-4

R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 37757
Conc: 55.15 ng/ml



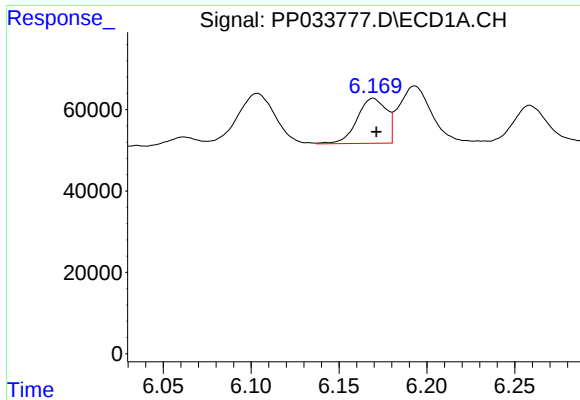
#20 AR-1242-5

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 15799
Conc: 9.84 ng/ml



#20 AR-1242-5

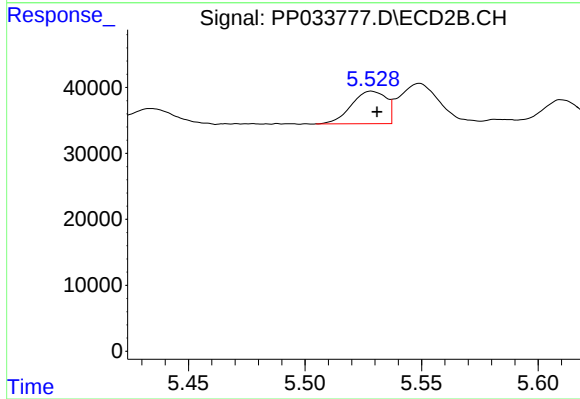
R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 24658
Conc: 30.85 ng/ml



#21 AR-1248-1

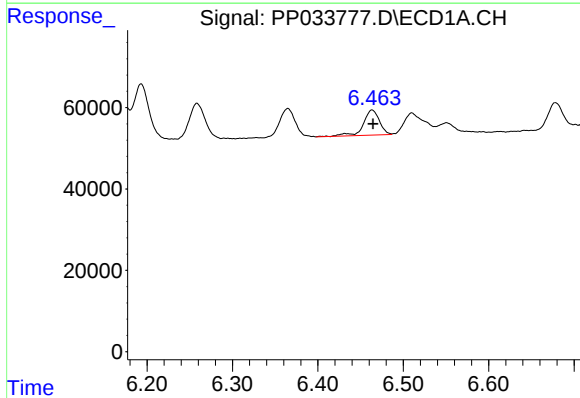
R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 128386
Conc: 82.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



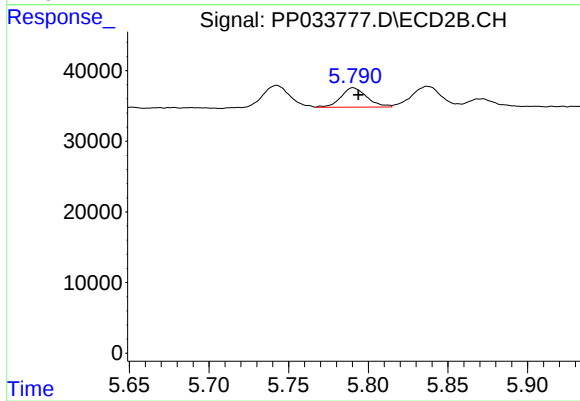
#21 AR-1248-1

R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 51250
Conc: 75.29 ng/ml



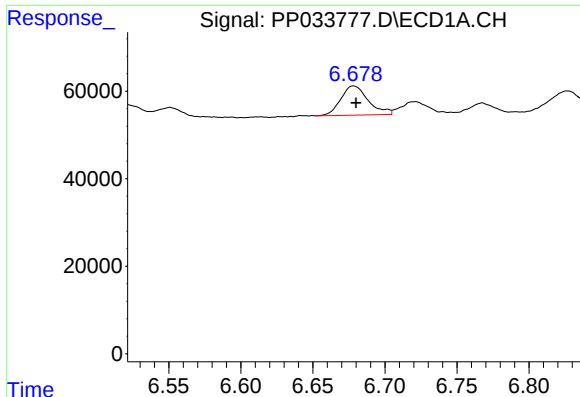
#22 AR-1248-2

R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 81188
Conc: 38.14 ng/ml



#22 AR-1248-2

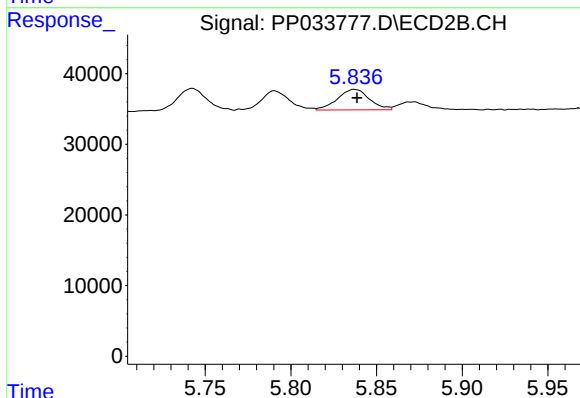
R.T.: 5.791 min
Delta R.T.: -0.003 min
Response: 31158
Conc: 33.21 ng/ml



#23 AR-1248-3

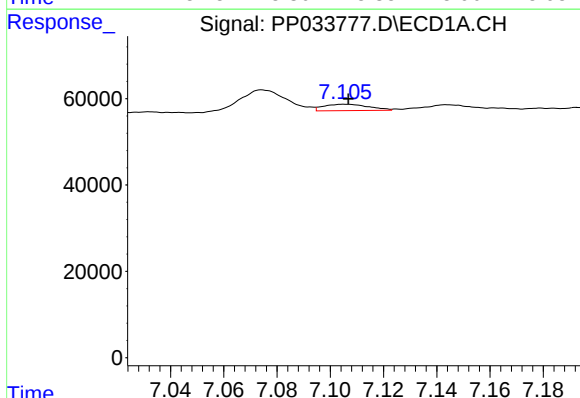
R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 88351
Conc: 34.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



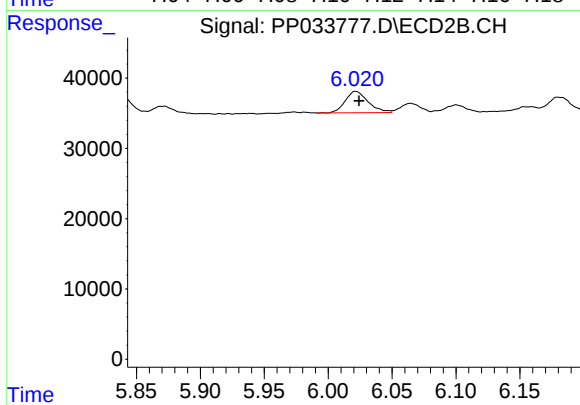
#23 AR-1248-3

R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 37757
Conc: 37.50 ng/ml



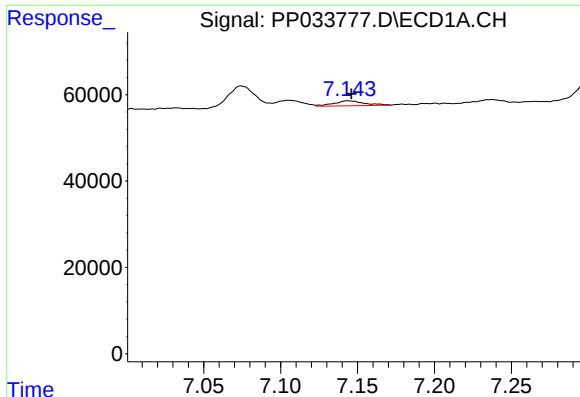
#24 AR-1248-4

R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 17362
Conc: 6.28 ng/ml



#24 AR-1248-4

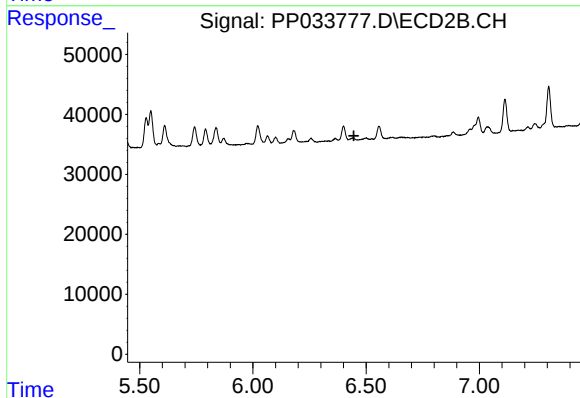
R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 37807
Conc: 32.29 ng/ml



#25 AR-1248-5

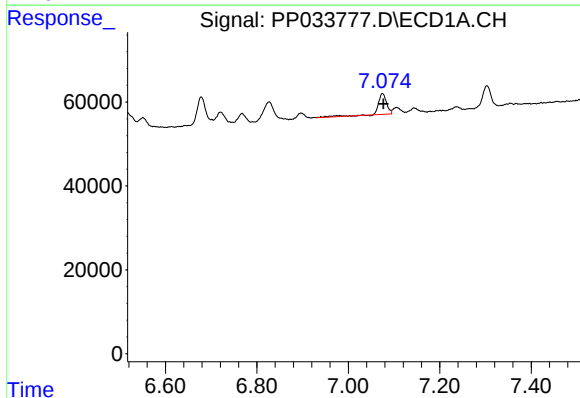
R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 15799
Conc: 5.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



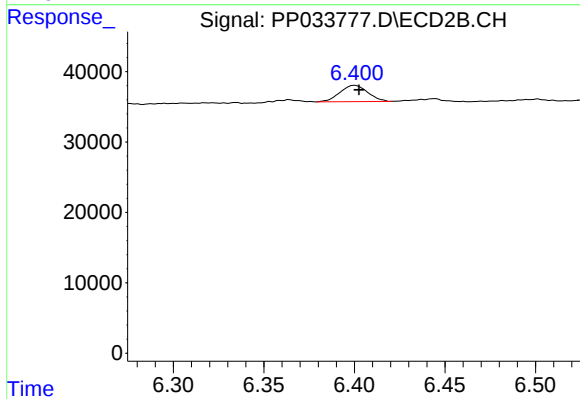
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.446 min
Response: 0
Conc: N.D.



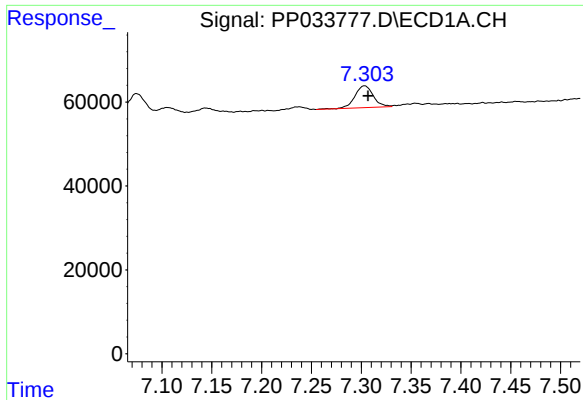
#26 AR-1254-1

R.T.: 7.075 min
Delta R.T.: -0.002 min
Response: 64413
Conc: 22.59 ng/ml



#26 AR-1254-1

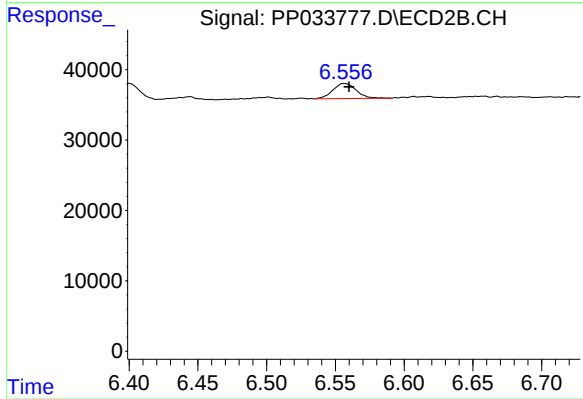
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 24658
Conc: 14.99 ng/ml



#27 AR-1254-2

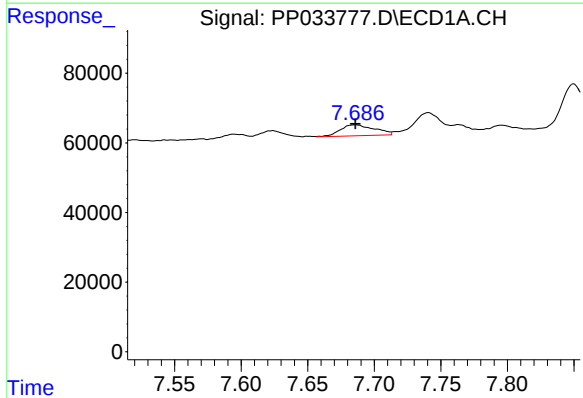
R.T.: 7.303 min
Delta R.T.: -0.004 min
Response: 67606
Conc: 15.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



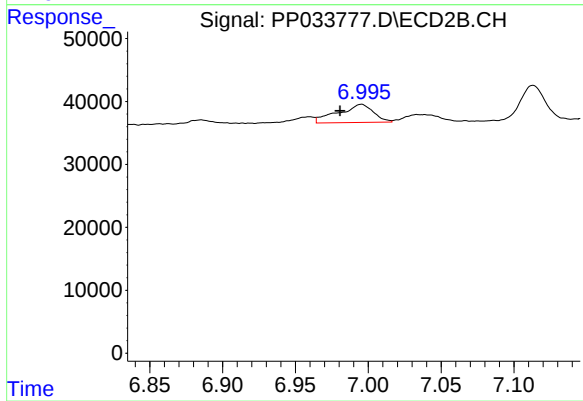
#27 AR-1254-2

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 25523
Conc: 17.81 ng/ml



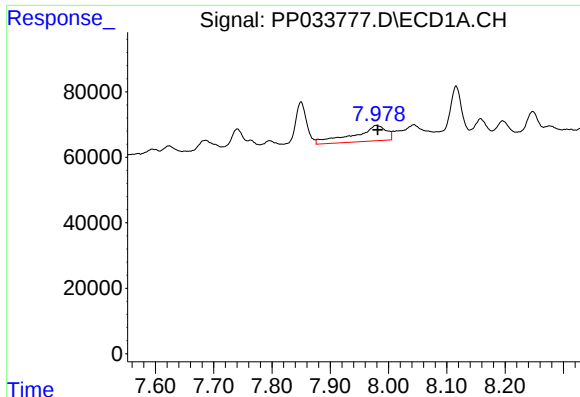
#28 AR-1254-3

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 56131
Conc: 11.83 ng/ml



#28 AR-1254-3

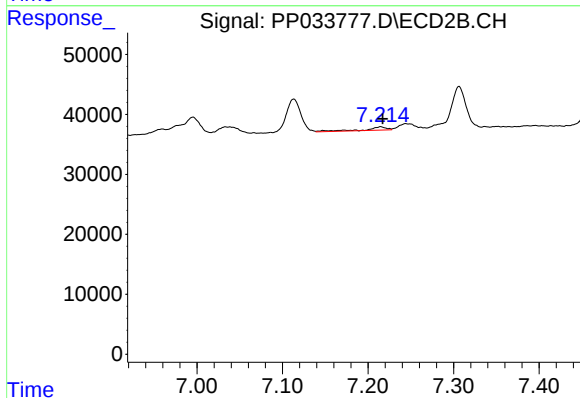
R.T.: 6.995 min
Delta R.T.: 0.015 min
Response: 48779
Conc: 21.13 ng/ml



#29 AR-1254-4

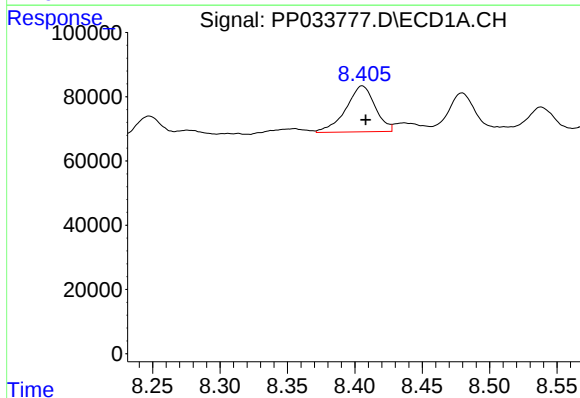
R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 185537
Conc: 54.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



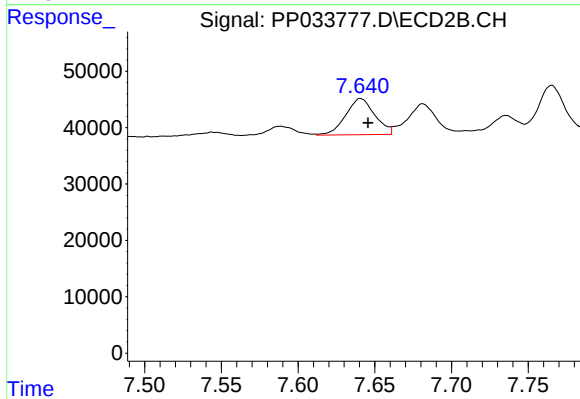
#29 AR-1254-4

R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 9388
Conc: 7.26 ng/ml



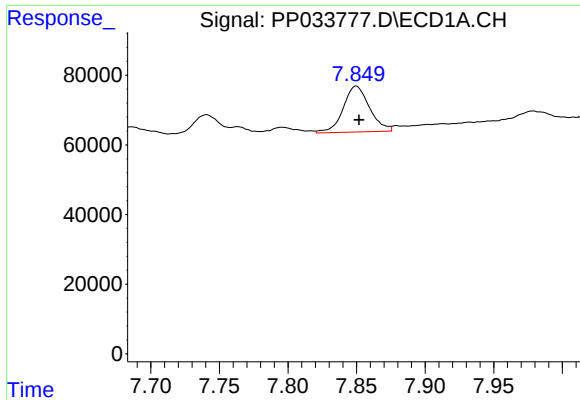
#30 AR-1254-5

R.T.: 8.406 min
Delta R.T.: -0.003 min
Response: 216263
Conc: 57.73 ng/ml



#30 AR-1254-5

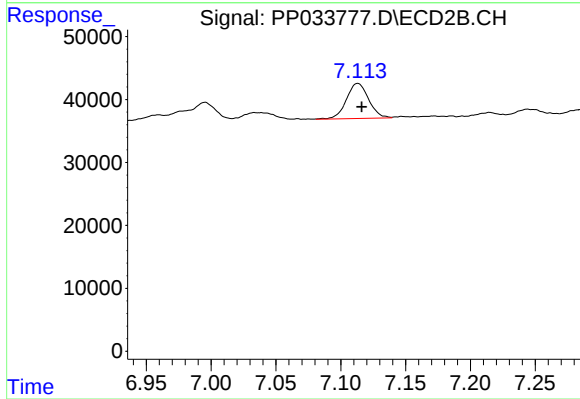
R.T.: 7.641 min
Delta R.T.: -0.005 min
Response: 84960
Conc: 43.74 ng/ml



#31 AR-1260-1

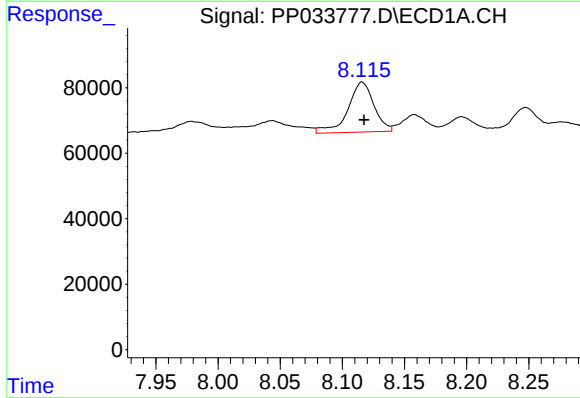
R.T.: 7.850 min
Delta R.T.: -0.002 min
Response: 176186
Conc: 51.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



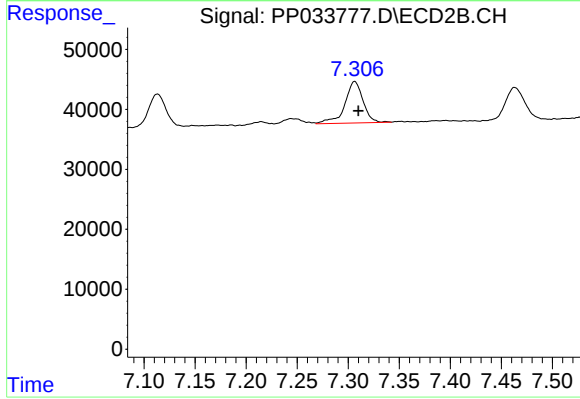
#31 AR-1260-1

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 66329
Conc: 43.40 ng/ml



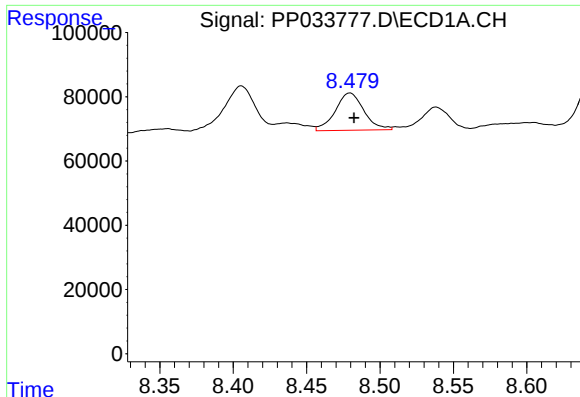
#32 AR-1260-2

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 223297
Conc: 54.23 ng/ml



#32 AR-1260-2

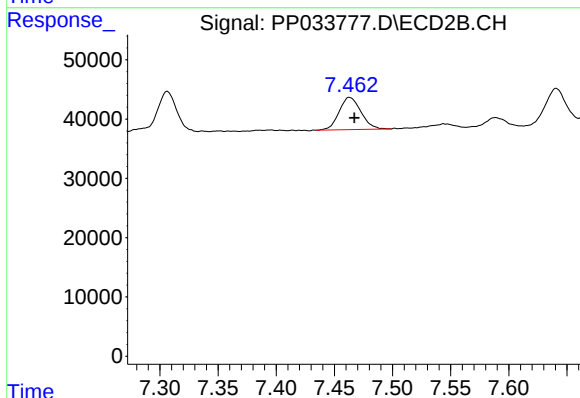
R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 86013
Conc: 47.55 ng/ml



#33 AR-1260-3

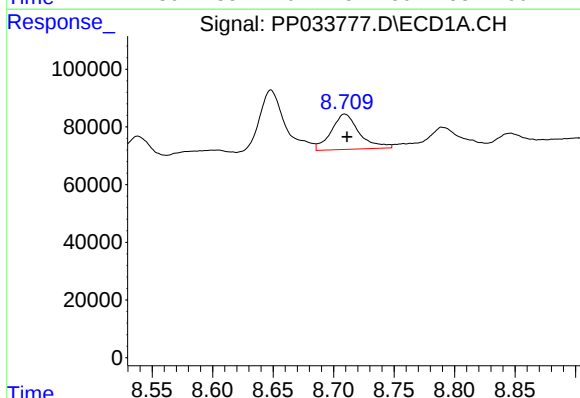
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 157327
Conc: 48.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



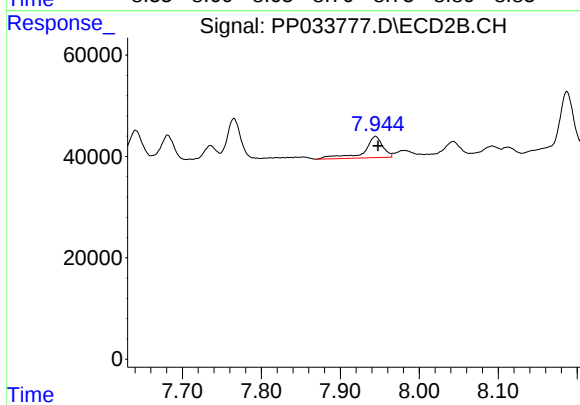
#33 AR-1260-3

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 71117
Conc: 41.99 ng/ml



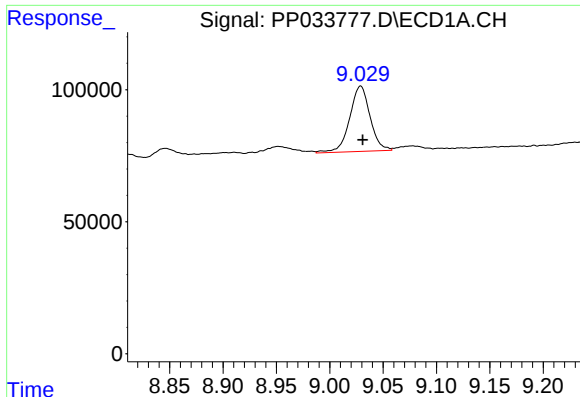
#34 AR-1260-4

R.T.: 8.709 min
Delta R.T.: -0.002 min
Response: 198228
Conc: 53.51 ng/ml



#34 AR-1260-4

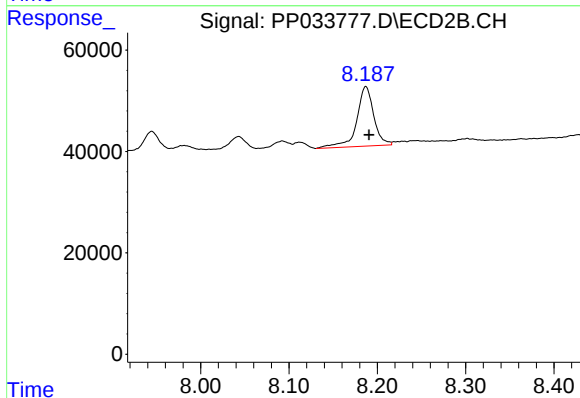
R.T.: 7.945 min
Delta R.T.: -0.003 min
Response: 68806
Conc: 46.78 ng/ml



#35 AR-1260-5

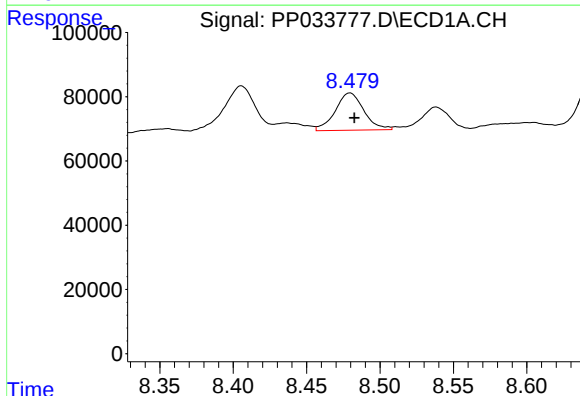
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 329268
Conc: 42.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



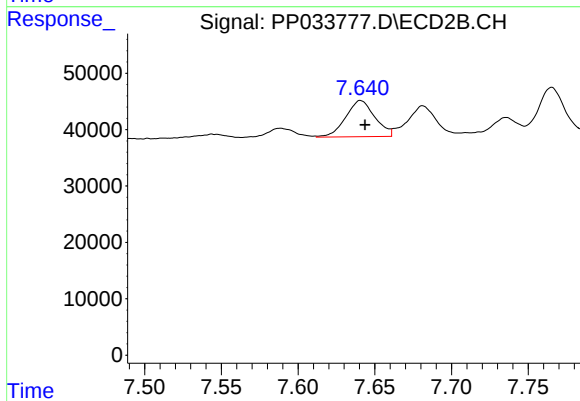
#35 AR-1260-5

R.T.: 8.187 min
Delta R.T.: -0.004 min
Response: 157602
Conc: 48.47 ng/ml



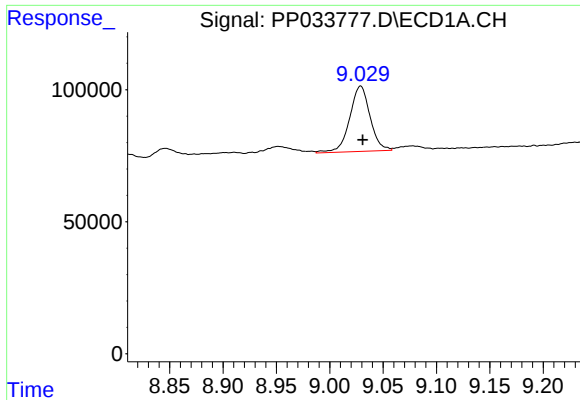
#36 AR-1262-1

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 157327
Conc: 33.06 ng/ml



#36 AR-1262-1

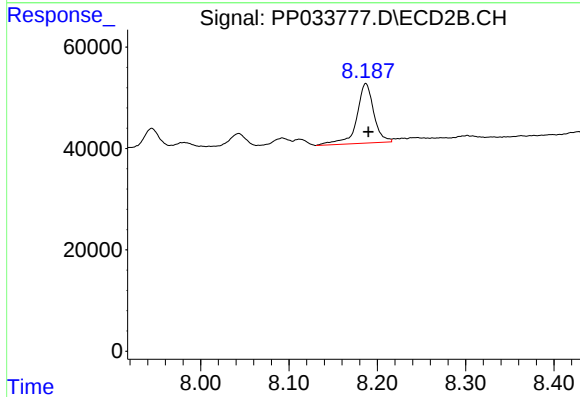
R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 84960
Conc: 79.92 ng/ml



#37 AR-1262-2

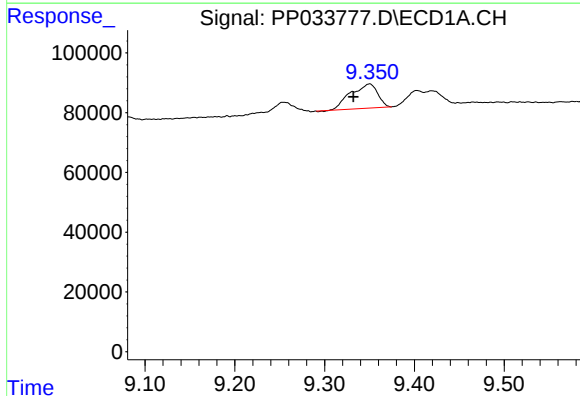
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 329268
Conc: 38.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



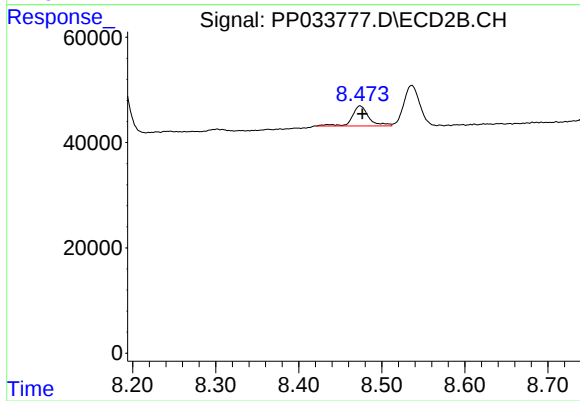
#37 AR-1262-2

R.T.: 8.187 min
Delta R.T.: -0.003 min
Response: 157602
Conc: 47.30 ng/ml



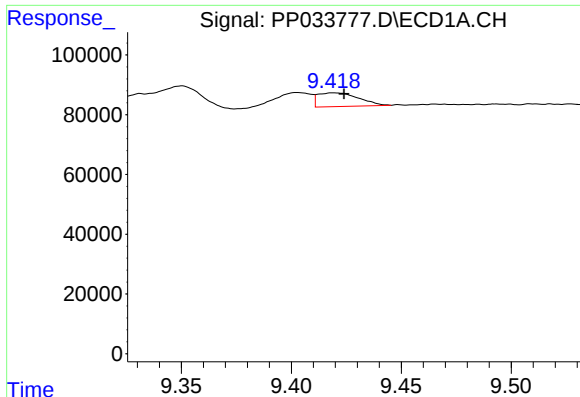
#38 AR-1262-3

R.T.: 9.350 min
Delta R.T.: 0.018 min
Response: 168609
Conc: 27.78 ng/ml



#38 AR-1262-3

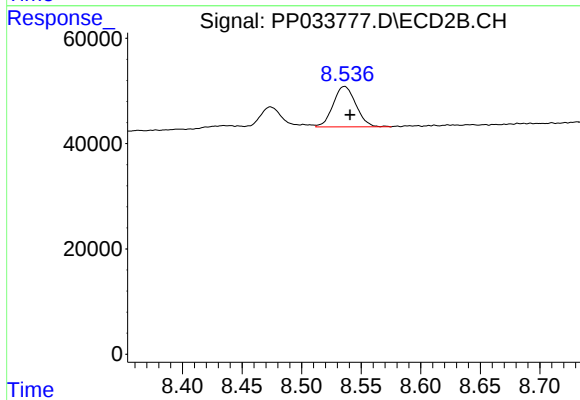
R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 53015
Conc: 37.12 ng/ml



#39 AR-1262-4

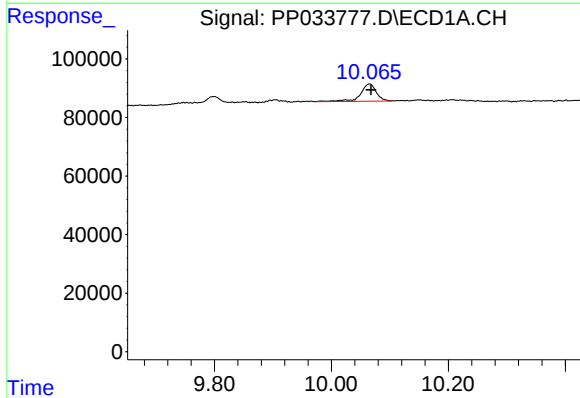
R.T.: 9.419 min
Delta R.T.: -0.005 min
Response: 58815
Conc: 11.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



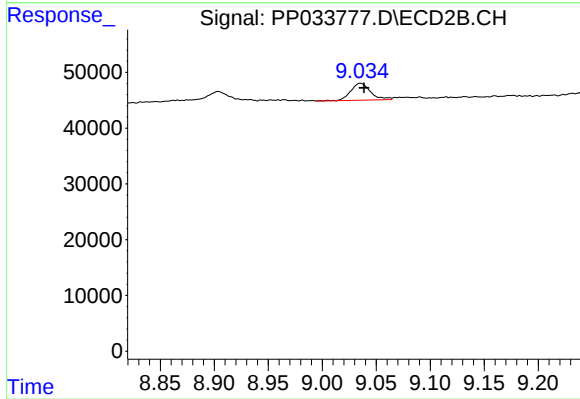
#39 AR-1262-4

R.T.: 8.536 min
Delta R.T.: -0.005 min
Response: 102090
Conc: 40.49 ng/ml



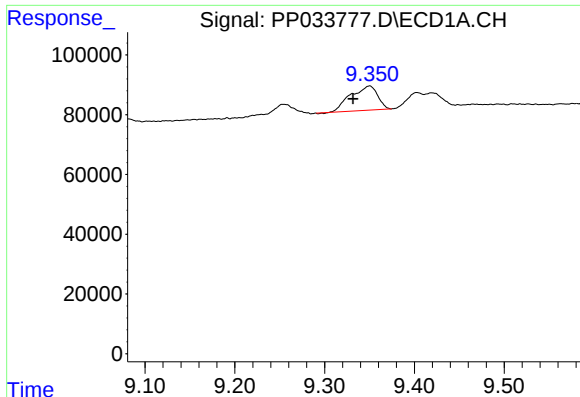
#40 AR-1262-5

R.T.: 10.065 min
Delta R.T.: -0.002 min
Response: 111062
Conc: 33.74 ng/ml



#40 AR-1262-5

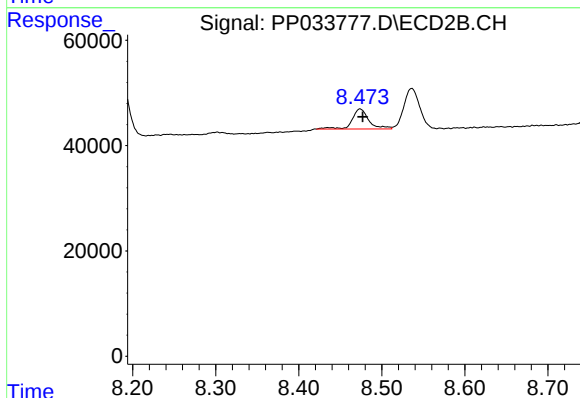
R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 39041
Conc: 34.25 ng/ml



#41 AR-1268-1

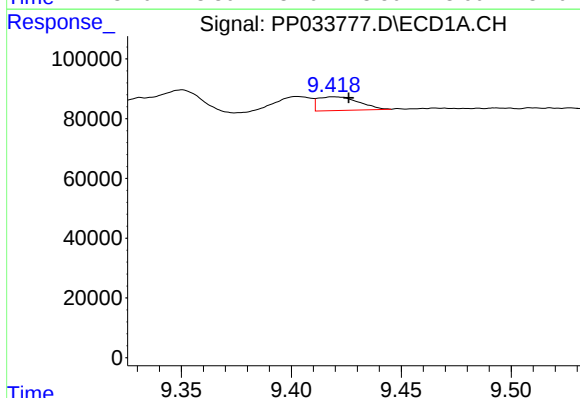
R.T.: 9.350 min
Delta R.T.: 0.018 min
Response: 168609
Conc: 16.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



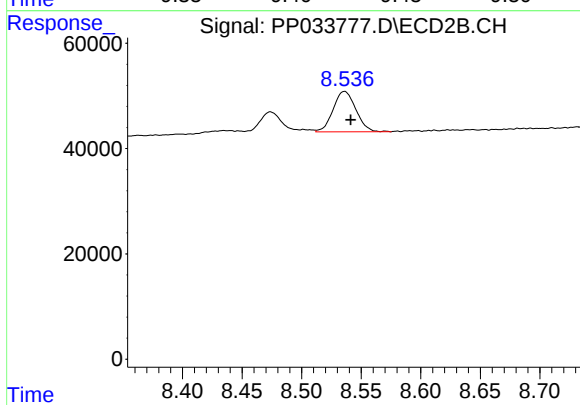
#41 AR-1268-1

R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 53015
Conc: 13.86 ng/ml



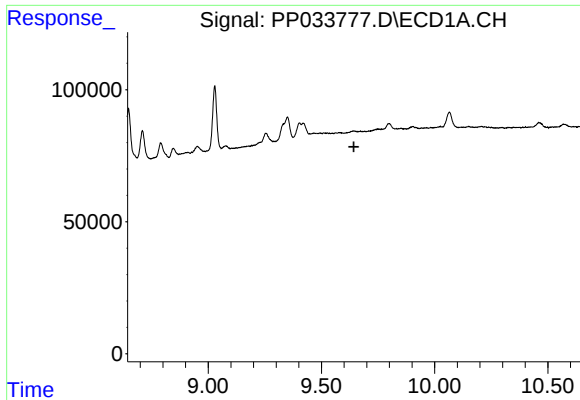
#42 AR-1268-2

R.T.: 9.419 min
Delta R.T.: -0.007 min
Response: 58815
Conc: 5.82 ng/ml



#42 AR-1268-2

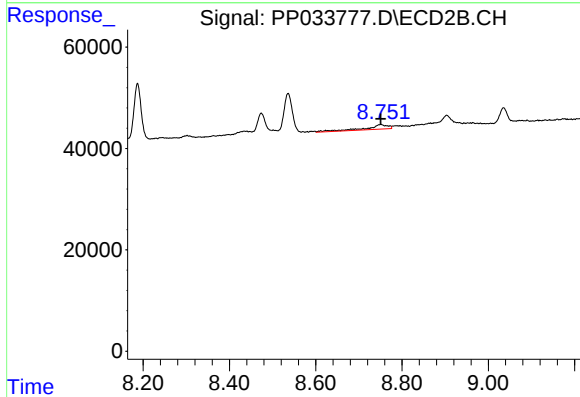
R.T.: 8.536 min
Delta R.T.: -0.005 min
Response: 102090
Conc: 28.57 ng/ml



#43 AR-1268-3

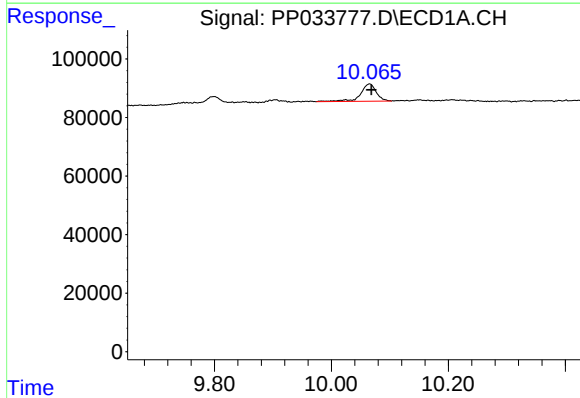
R.T.: 0.000 min
Exp R.T.: 9.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



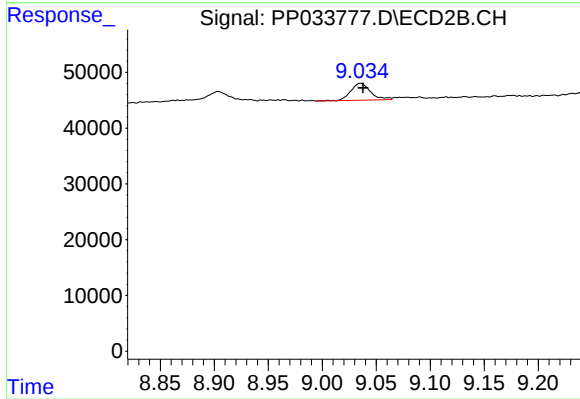
#43 AR-1268-3

R.T.: 8.751 min
Delta R.T.: 0.000 min
Response: 33880
Conc: 10.91 ng/ml



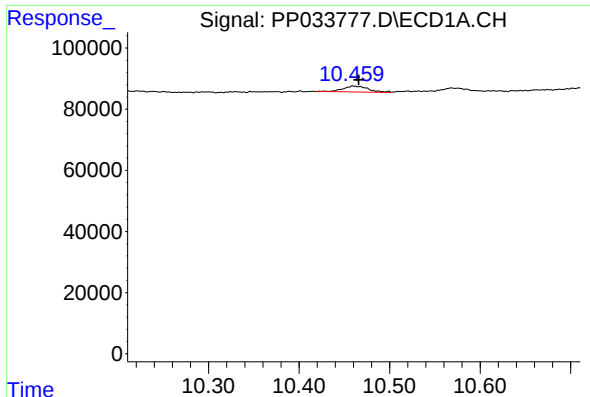
#44 AR-1268-4

R.T.: 10.065 min
Delta R.T.: -0.003 min
Response: 111062
Conc: 31.89 ng/ml



#44 AR-1268-4

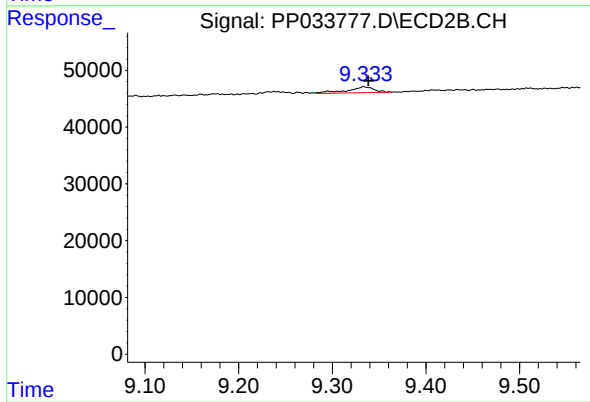
R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 39041
Conc: 32.17 ng/ml



#45 AR-1268-5

R.T.: 10.460 min
Delta R.T.: -0.006 min
Response: 36610
Conc: 1.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.334 min
Delta R.T.: -0.004 min
Response: 20586
Conc: 2.25 ng/ml