

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051121\
 Data File : P0077733.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 May 2021 7:17
 Operator : DD\AJ
 Sample : M2262-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:33:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 11 15:14:32 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...	4.365	3.645	1222605	390387	17.612	23.218 #
2)	SA Decachlor...	9.989	8.847	990460	525014	18.851	29.770 #
Target Compounds							
3)	L1 AR-1016-1	5.662	4.878	123172	51200	48.548	76.447 #
4)	L1 AR-1016-2	5.685	4.898	173351	63515	48.200	71.394 #
5)	L1 AR-1016-3	5.749	5.085	115543	31171	52.493	65.779 #
6)	L1 AR-1016-4	5.853	5.139	94539	27285	52.401	69.394 #
7)	L1 AR-1016-5	6.164	5.362	92248	32919	53.257	65.783
8)	L2 AR-1221-1	4.611	3.896	42123	7809	55.157	38.095 #
9)	L2 AR-1221-2	4.709	3.990	30130	13510	52.048	84.241 #
10)	L2 AR-1221-3	4.797	4.082	106726	25744	57.082	51.896
11)	L3 AR-1232-1	4.797	4.082	106726	25744	74.350	68.189
12)	L3 AR-1232-2	5.371	4.898	120321	63515	165.833	186.039
13)	L3 AR-1232-3	5.685	5.085	173351	31171	125.395	170.454 #
14)	L3 AR-1232-4	5.853	5.181	94539	35974	137.953	217.131 #
15)	L3 AR-1232-5	5.954	5.362	77766	32919	168.212	181.734
16)	L4 AR-1242-1	5.662	4.878	123172	51200	66.504	105.372 #
17)	L4 AR-1242-2	5.685	4.898	173351	63515	66.307	98.832 #
18)	L4 AR-1242-3	5.749	5.085	115543	31171	72.143	90.505 #
19)	L4 AR-1242-4	5.853	5.181	94539	35974	72.347	104.195 #
20)	L4 AR-1242-5	6.625	5.737	19895	27703	14.296	62.365 #
21)	L5 AR-1248-1	5.662	4.878	123172	51200	87.477	141.271 #
22)	L5 AR-1248-2	5.954	5.139	77766	27285	42.632	53.286
23)	L5 AR-1248-3	6.164	5.181	92248	35974	41.972	70.261 #
24)	L5 AR-1248-4	6.587	5.362	19534	32919	7.853	52.952 #
25)	L5 AR-1248-5	6.625	5.779	19895	6645	8.360	10.972 #
26)	L6 AR-1254-1	6.556	5.737	73592	27703	29.411	29.413
27)	L6 AR-1254-2	6.783	5.895	74502	32226	19.101	37.826 #
28)	L6 AR-1254-3	7.159	6.310	40245	13228	9.801	10.149
29)	L6 AR-1254-4	7.449	6.546	36712	6950	11.825	8.054 #
30)	L6 AR-1254-5	7.875	6.970	254280	101860	75.224	81.980
31)	L7 AR-1260-1	7.324	6.444	170522	74994	50.900	76.126 #
32)	L7 AR-1260-2	7.587	6.641	189244	86855	47.016	72.154 #
33)	L7 AR-1260-3	7.948	6.793	132350	86933	53.237	78.369 #
34)	L7 AR-1260-4	8.174	7.270	140553	60455	46.824	74.418 #
35)	L7 AR-1260-5	8.487	7.518	271646	137804	47.279	71.085 #
36)	L8 AR-1262-1	7.948	6.970	132350	101860	34.508	157.648 #
37)	L8 AR-1262-2	8.487	7.518	271646	137804	39.461	62.274 #
38)	L8 AR-1262-3	8.777	7.802	169323	27295	37.970	30.505
39)	L8 AR-1262-4	8.821f	7.863	89218	107321	27.346	64.348 #
40)	L8 AR-1262-5	9.390	8.359	59225	33111	25.522	41.118 #
41)	L9 AR-1268-1	8.777f	7.802	169323	27295	22.619	11.123 #

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 Operator : DD\AJ
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 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

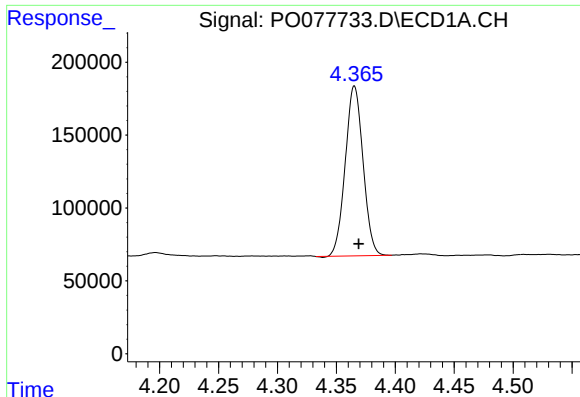
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:33:51 2021
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.821f	7.863	89218	107321	13.282	48.554 #
44) L9	AR-1268-4	9.390	8.359	59225	33111	24.349	38.810 #
45) L9	AR-1268-5	9.731	8.628	33151	17311	1.769	2.866 #

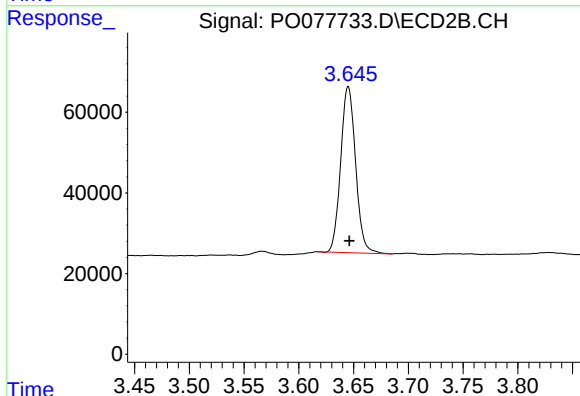
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

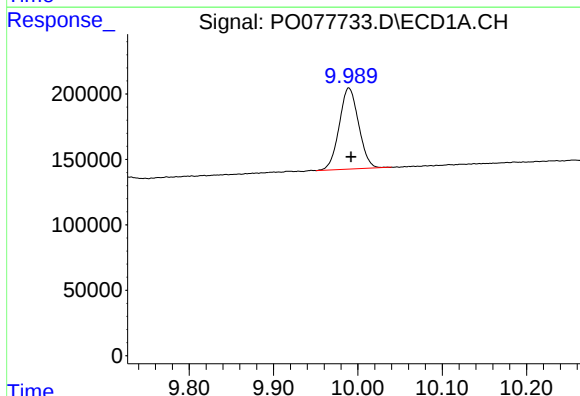
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 1222605
Conc: 17.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



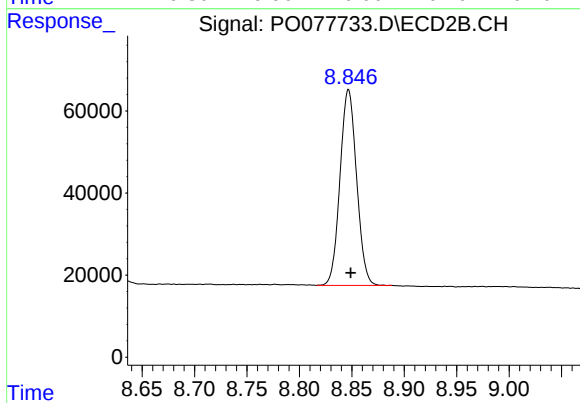
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.001 min
Response: 390387
Conc: 23.22 ng/ml



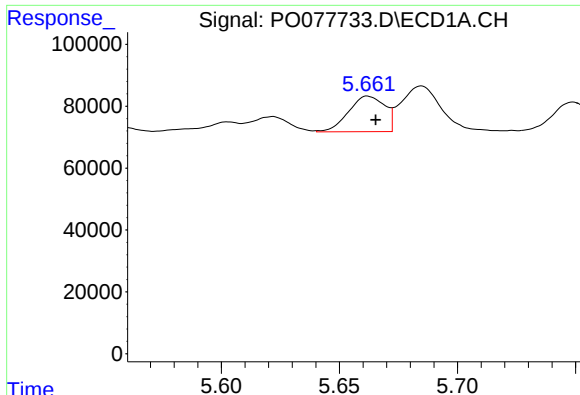
#2 Decachlorobiphenyl

R.T.: 9.989 min
Delta R.T.: -0.003 min
Response: 990460
Conc: 18.85 ng/ml



#2 Decachlorobiphenyl

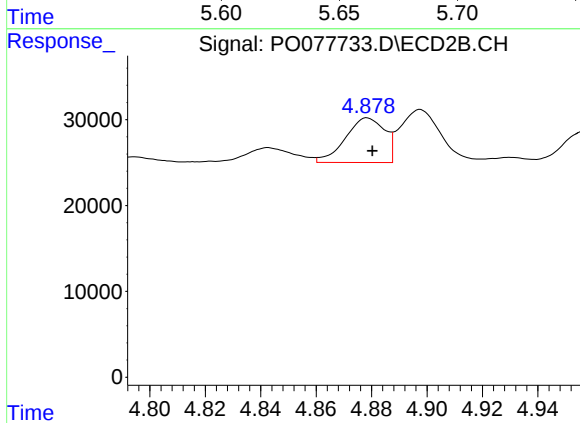
R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 525014
Conc: 29.77 ng/ml



#3 AR-1016-1

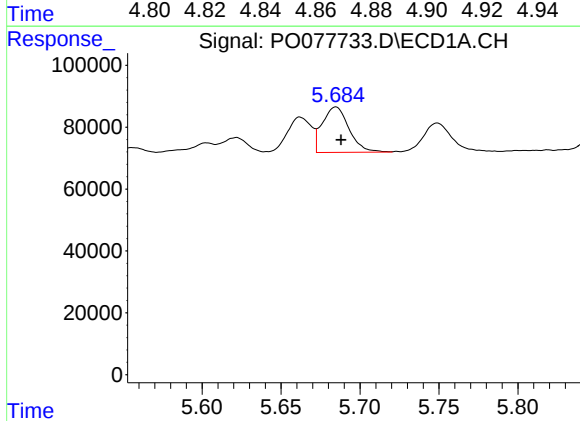
R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 123172
Conc: 48.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



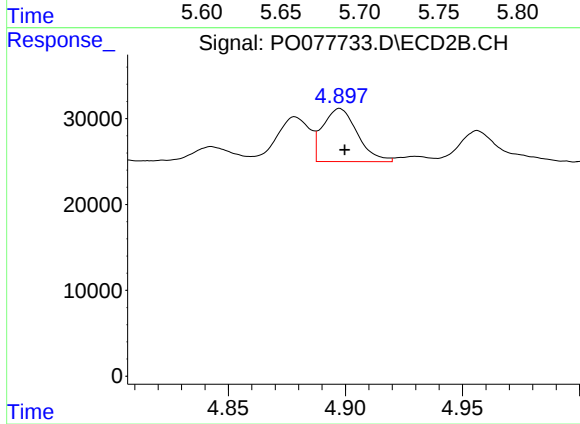
#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 51200
Conc: 76.45 ng/ml



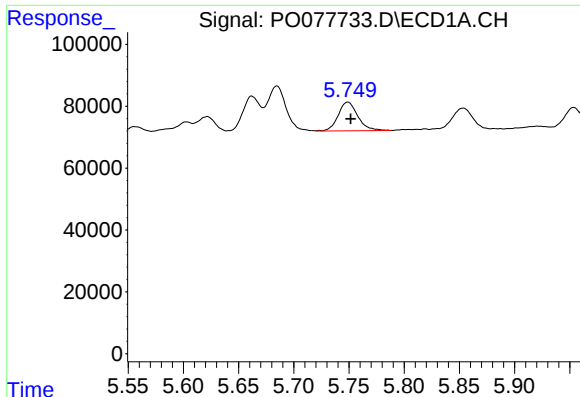
#4 AR-1016-2

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 173351
Conc: 48.20 ng/ml



#4 AR-1016-2

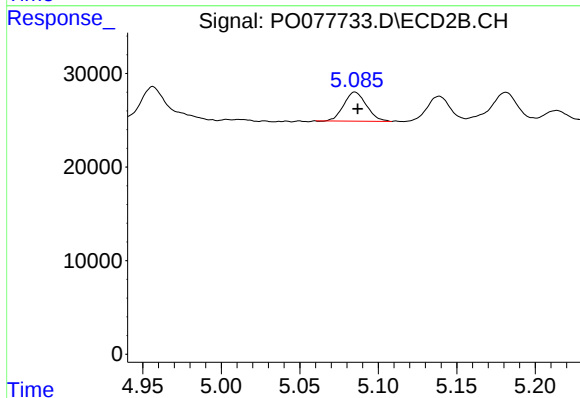
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 63515
Conc: 71.39 ng/ml



#5 AR-1016-3

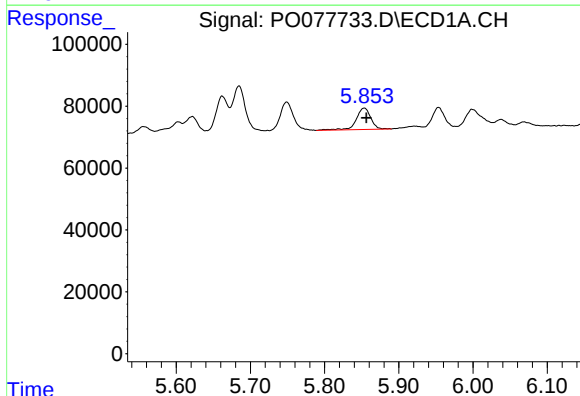
R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 115543
Conc: 52.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



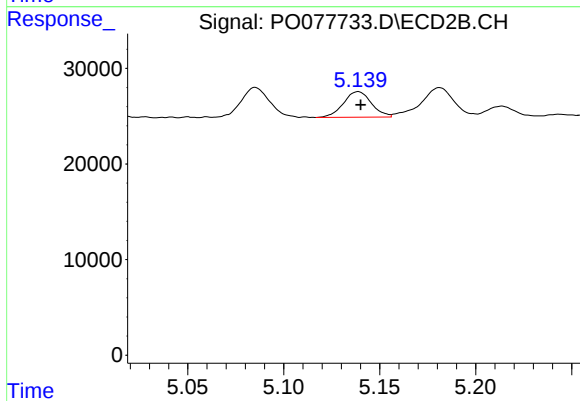
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 31171
Conc: 65.78 ng/ml



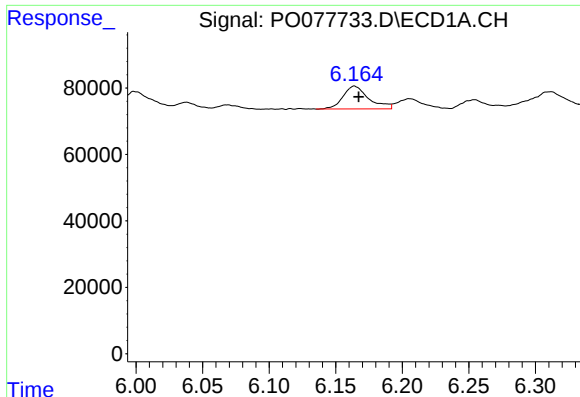
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 94539
Conc: 52.40 ng/ml



#6 AR-1016-4

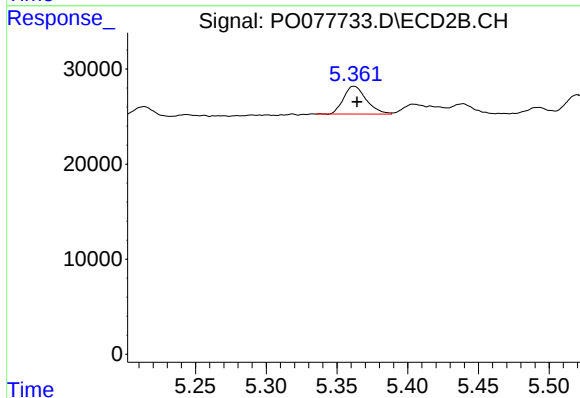
R.T.: 5.139 min
Delta R.T.: -0.001 min
Response: 27285
Conc: 69.39 ng/ml



#7 AR-1016-5

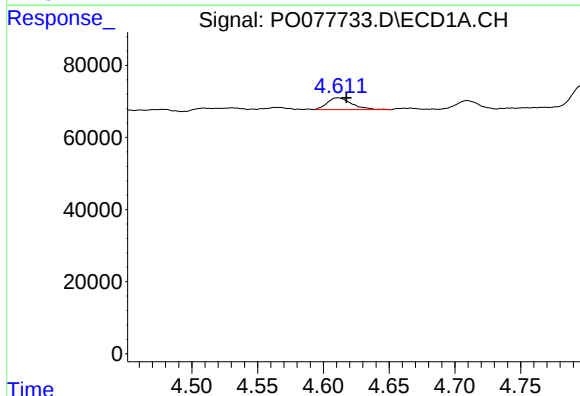
R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 92248
Conc: 53.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



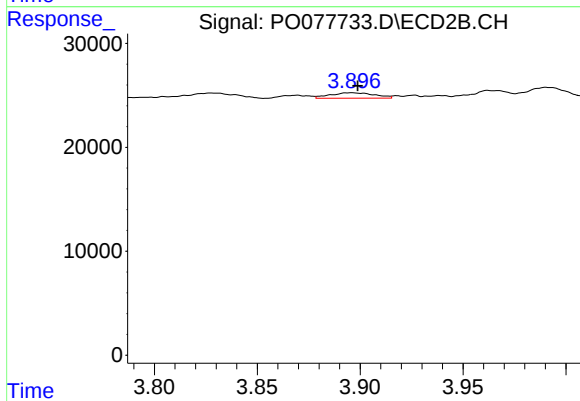
#7 AR-1016-5

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 32919
Conc: 65.78 ng/ml



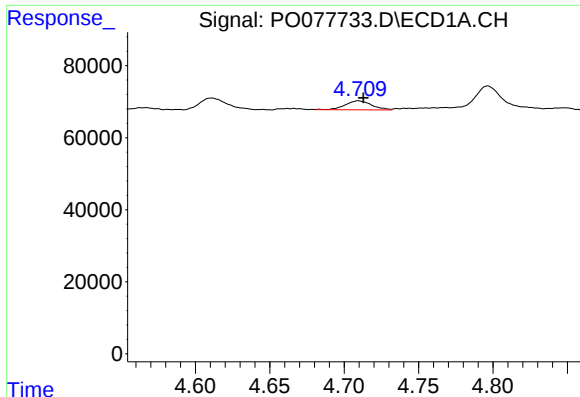
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.007 min
Response: 42123
Conc: 55.16 ng/ml



#8 AR-1221-1

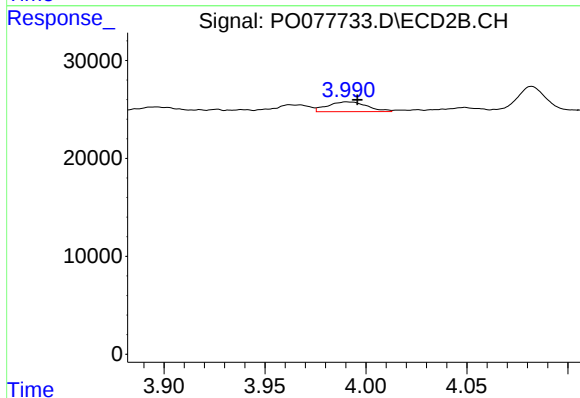
R.T.: 3.896 min
Delta R.T.: -0.003 min
Response: 7809
Conc: 38.10 ng/ml



#9 AR-1221-2

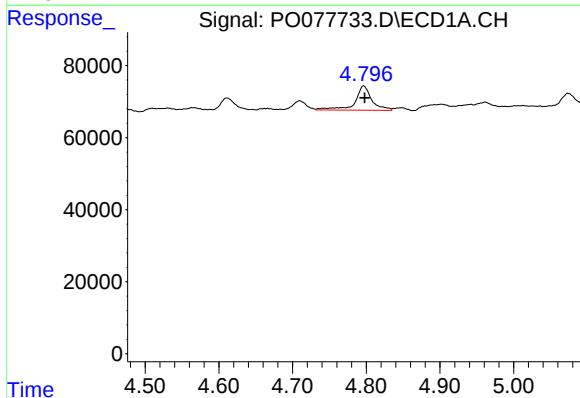
R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 30130
Conc: 52.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



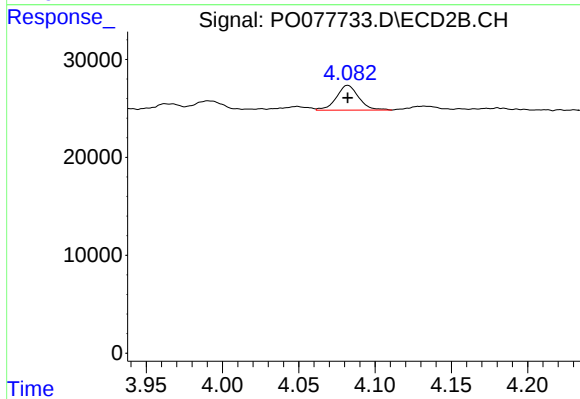
#9 AR-1221-2

R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 13510
Conc: 84.24 ng/ml



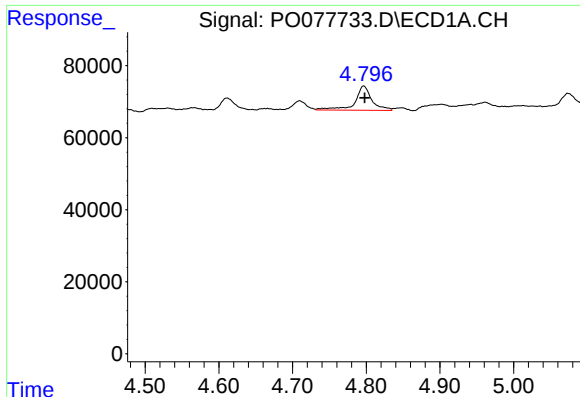
#10 AR-1221-3

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 106726
Conc: 57.08 ng/ml



#10 AR-1221-3

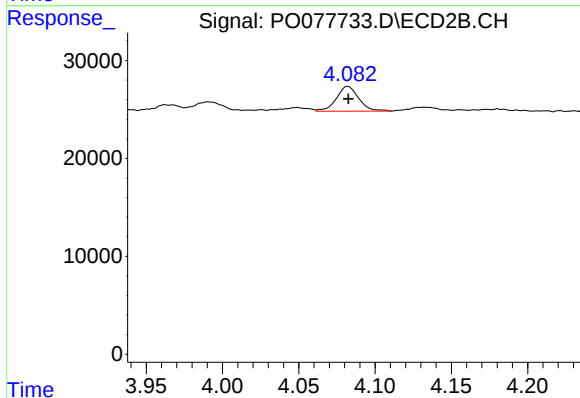
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 25744
Conc: 51.90 ng/ml



#11 AR-1232-1

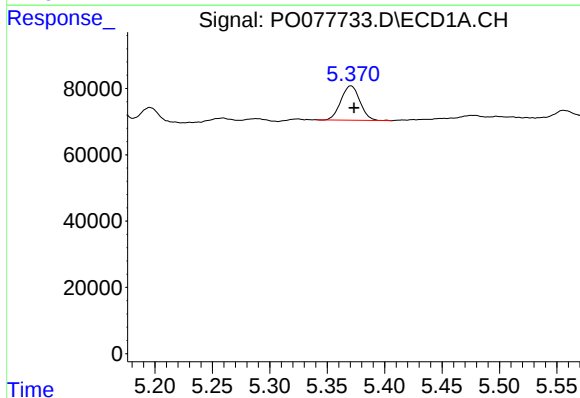
R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 106726
Conc: 74.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



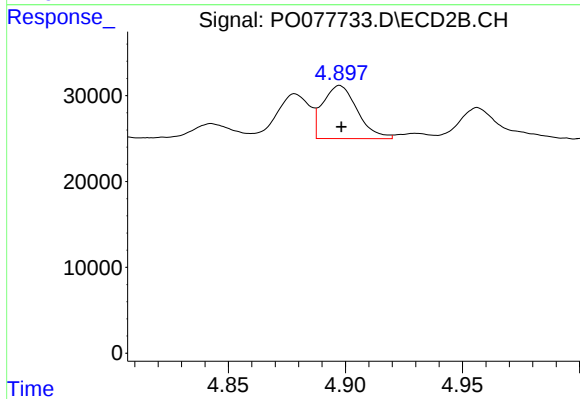
#11 AR-1232-1

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 25744
Conc: 68.19 ng/ml



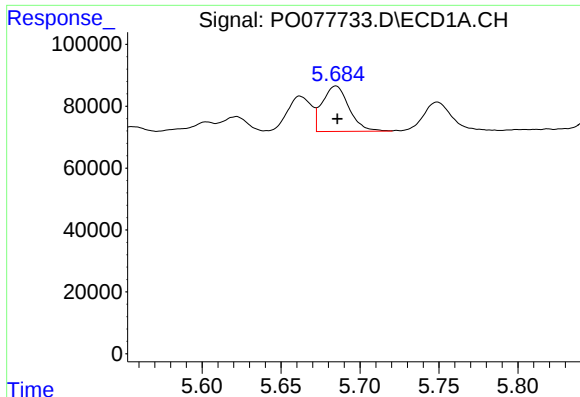
#12 AR-1232-2

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 120321
Conc: 165.83 ng/ml



#12 AR-1232-2

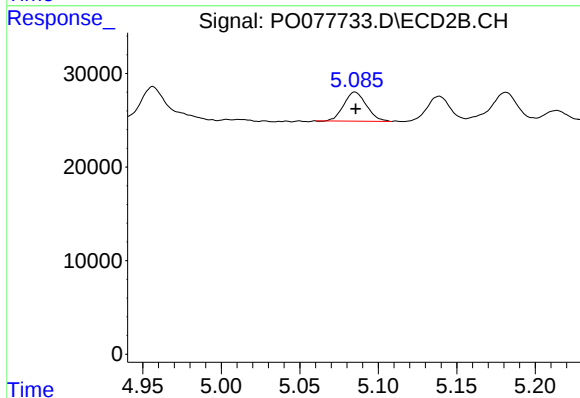
R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 63515
Conc: 186.04 ng/ml



#13 AR-1232-3

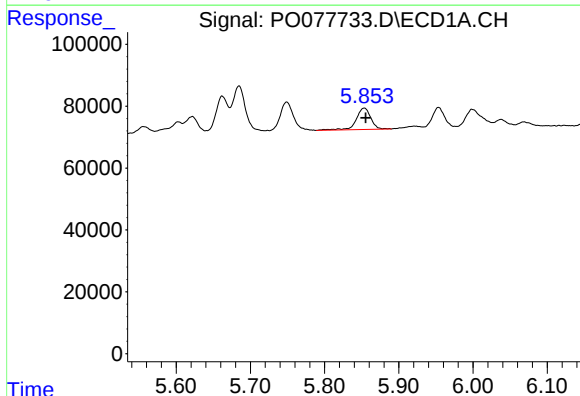
R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 173351
Conc: 125.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



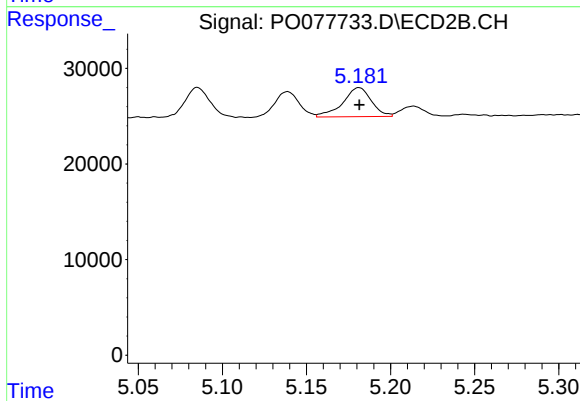
#13 AR-1232-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 31171
Conc: 170.45 ng/ml



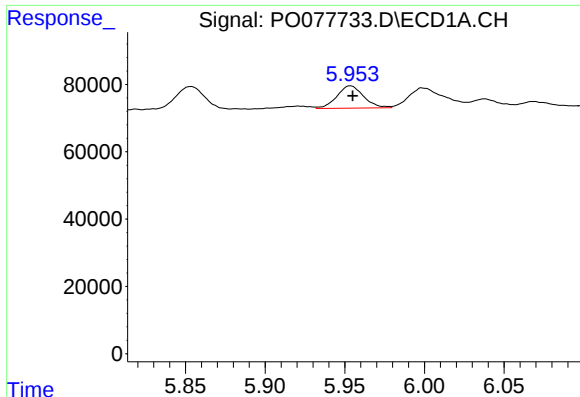
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: -0.002 min
Response: 94539
Conc: 137.95 ng/ml



#14 AR-1232-4

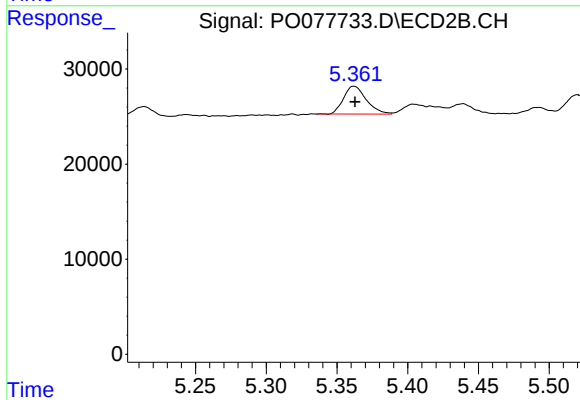
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 35974
Conc: 217.13 ng/ml



#15 AR-1232-5

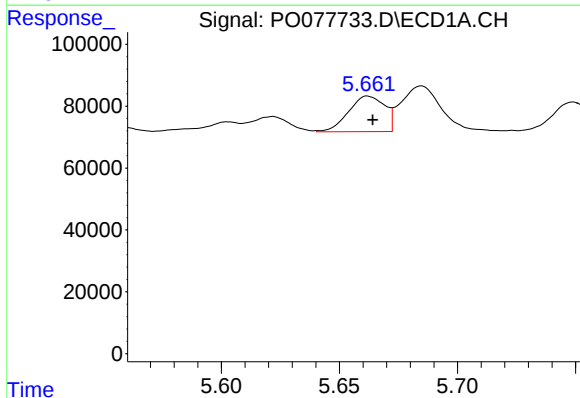
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 77766
Conc: 168.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



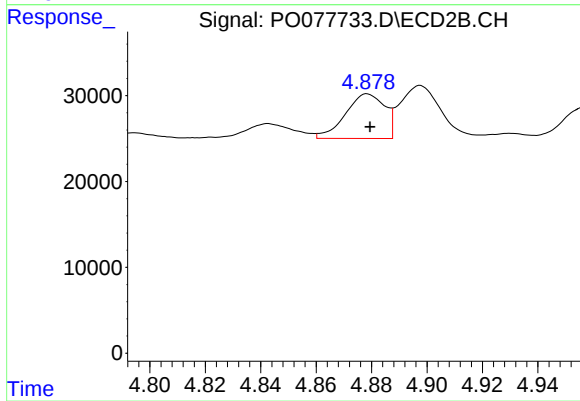
#15 AR-1232-5

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 32919
Conc: 181.73 ng/ml



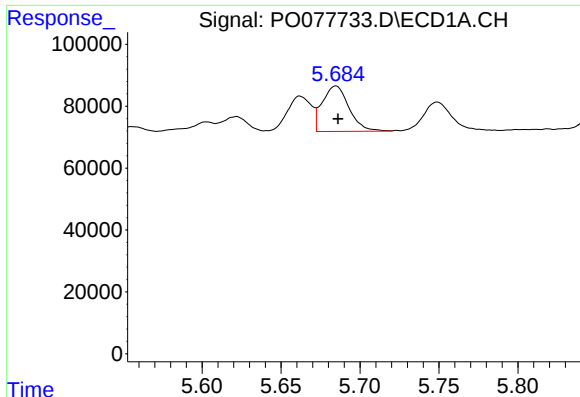
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: -0.002 min
Response: 123172
Conc: 66.50 ng/ml



#16 AR-1242-1

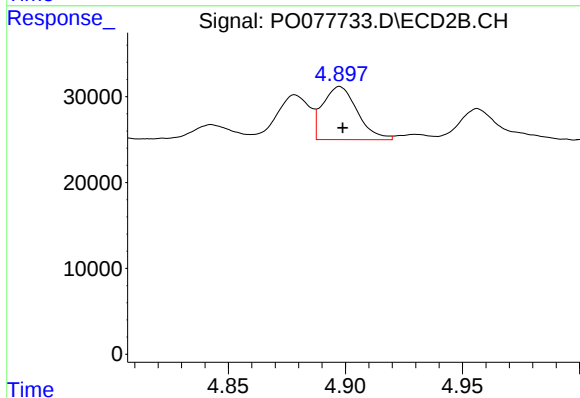
R.T.: 4.878 min
Delta R.T.: -0.001 min
Response: 51200
Conc: 105.37 ng/ml



#17 AR-1242-2

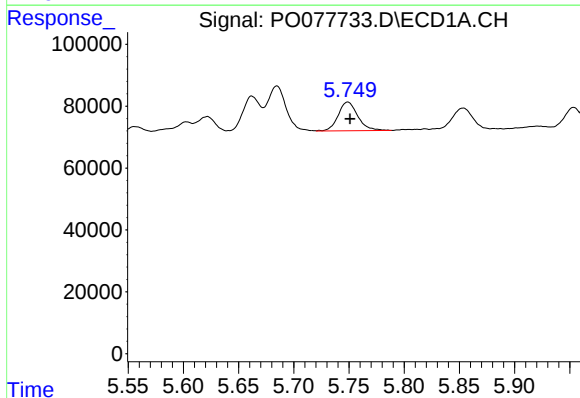
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 173351
Conc: 66.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



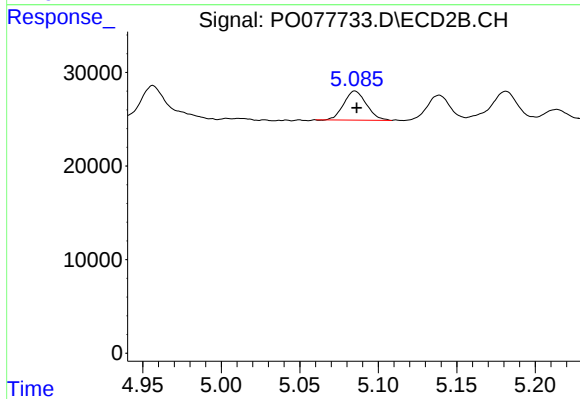
#17 AR-1242-2

R.T.: 4.898 min
Delta R.T.: -0.001 min
Response: 63515
Conc: 98.83 ng/ml



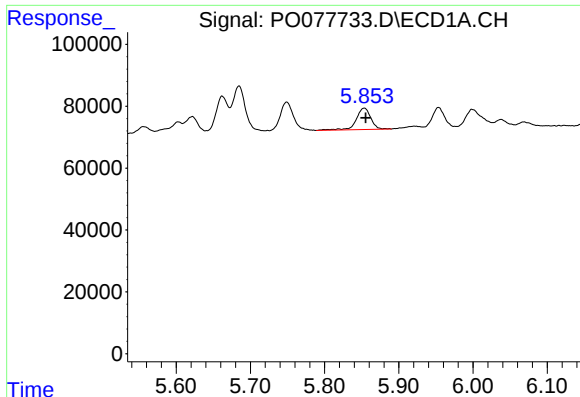
#18 AR-1242-3

R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 115543
Conc: 72.14 ng/ml



#18 AR-1242-3

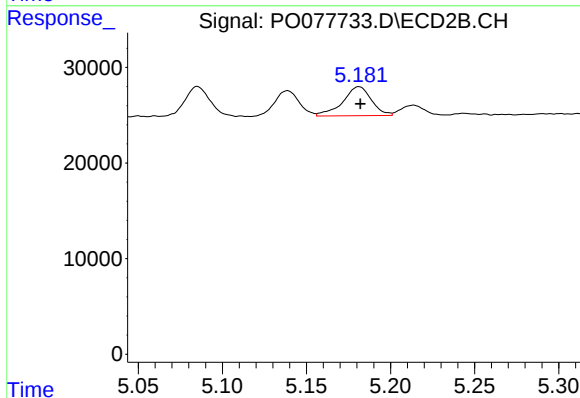
R.T.: 5.085 min
Delta R.T.: -0.001 min
Response: 31171
Conc: 90.51 ng/ml



#19 AR-1242-4

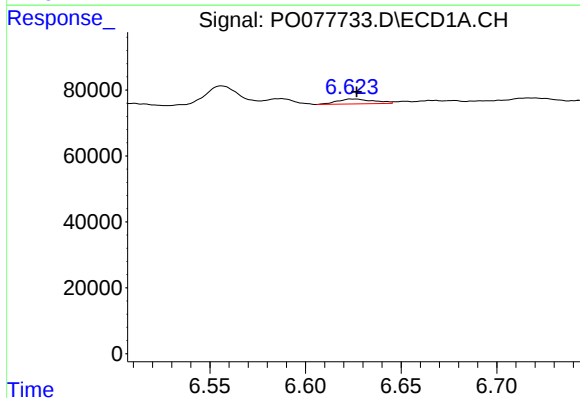
R.T.: 5.853 min
Delta R.T.: -0.002 min
Response: 94539
Conc: 72.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



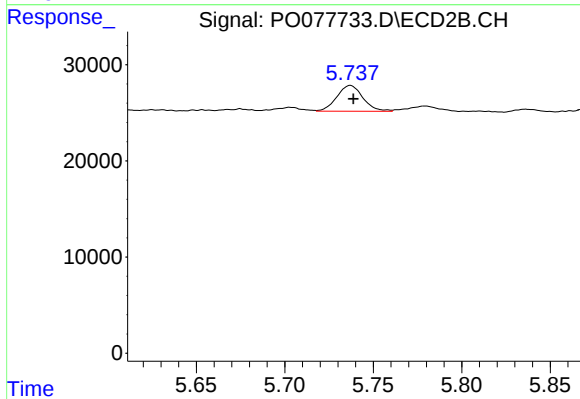
#19 AR-1242-4

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 35974
Conc: 104.19 ng/ml



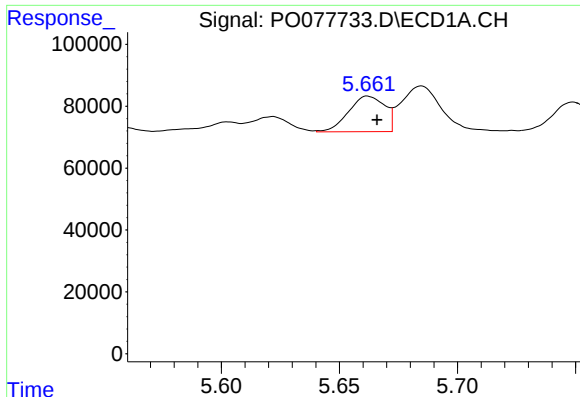
#20 AR-1242-5

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 19895
Conc: 14.30 ng/ml



#20 AR-1242-5

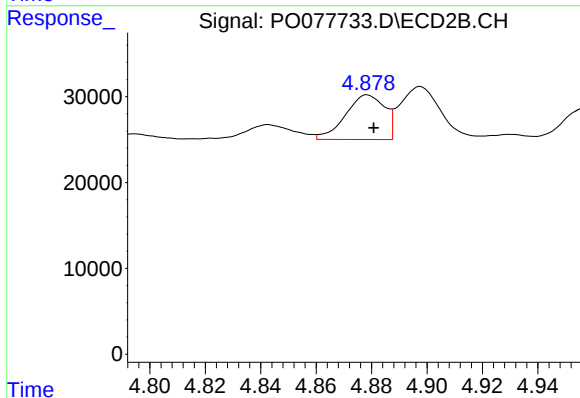
R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 27703
Conc: 62.36 ng/ml



#21 AR-1248-1

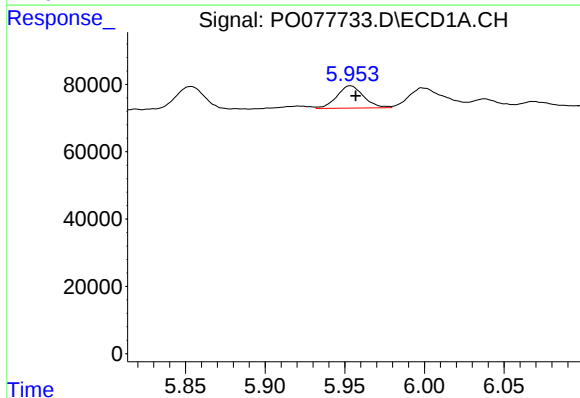
R.T.: 5.662 min
Delta R.T.: -0.004 min
Response: 123172
Conc: 87.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



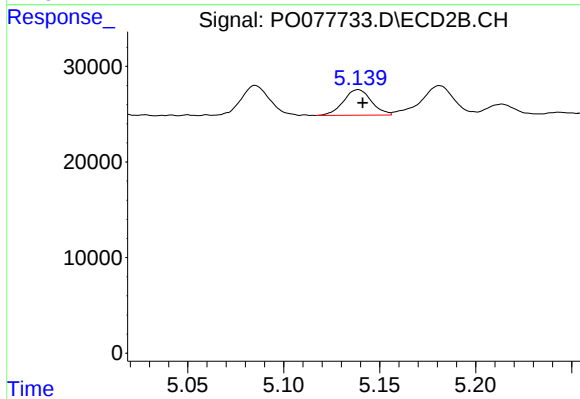
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 51200
Conc: 141.27 ng/ml



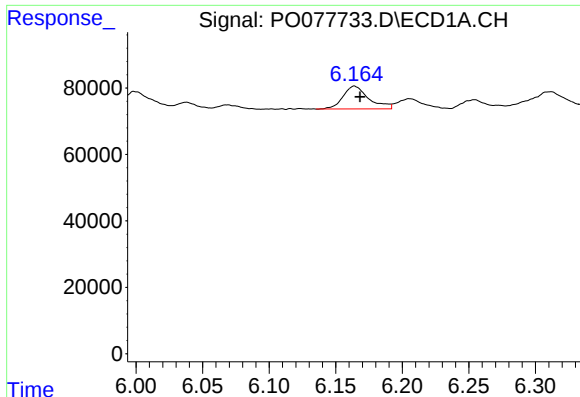
#22 AR-1248-2

R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 77766
Conc: 42.63 ng/ml



#22 AR-1248-2

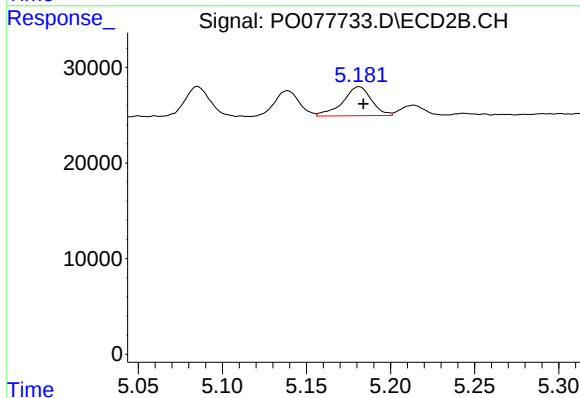
R.T.: 5.139 min
Delta R.T.: -0.002 min
Response: 27285
Conc: 53.29 ng/ml



#23 AR-1248-3

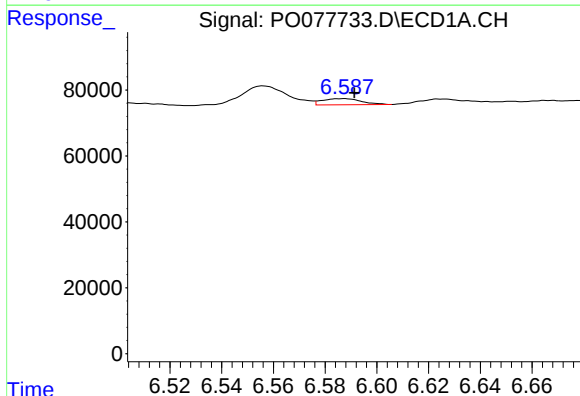
R.T.: 6.164 min
Delta R.T.: -0.004 min
Response: 92248
Conc: 41.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



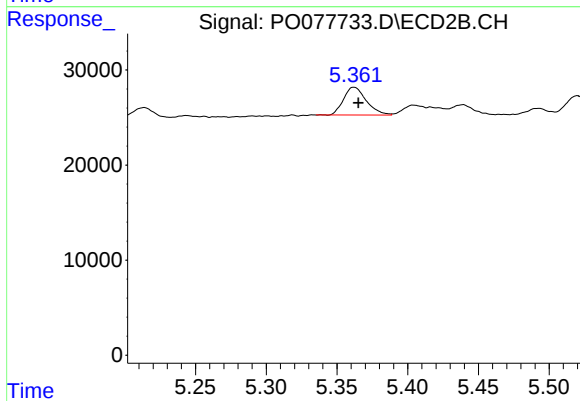
#23 AR-1248-3

R.T.: 5.181 min
Delta R.T.: -0.003 min
Response: 35974
Conc: 70.26 ng/ml



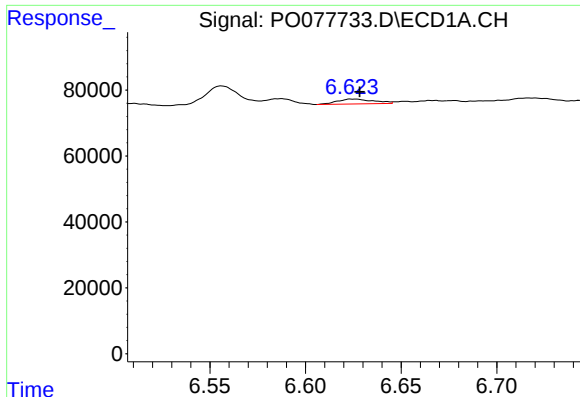
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: -0.005 min
Response: 19534
Conc: 7.85 ng/ml



#24 AR-1248-4

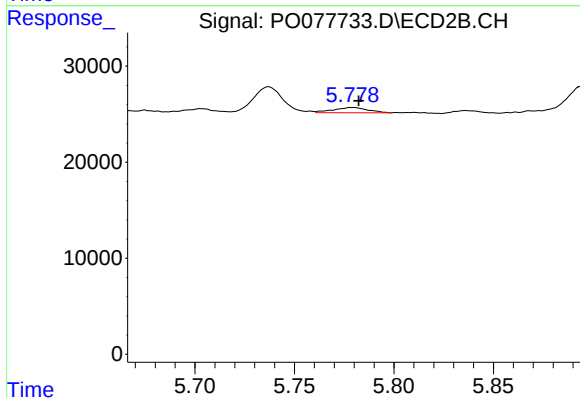
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 32919
Conc: 52.95 ng/ml



#25 AR-1248-5

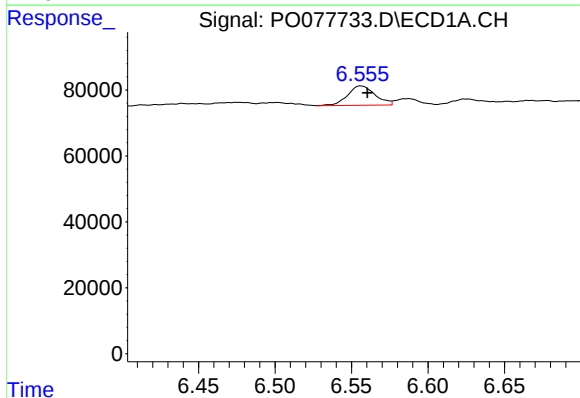
R.T.: 6.625 min
Delta R.T.: -0.004 min
Response: 19895
Conc: 8.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



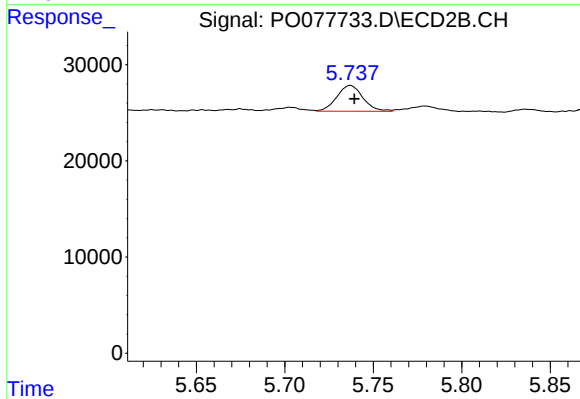
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 6645
Conc: 10.97 ng/ml



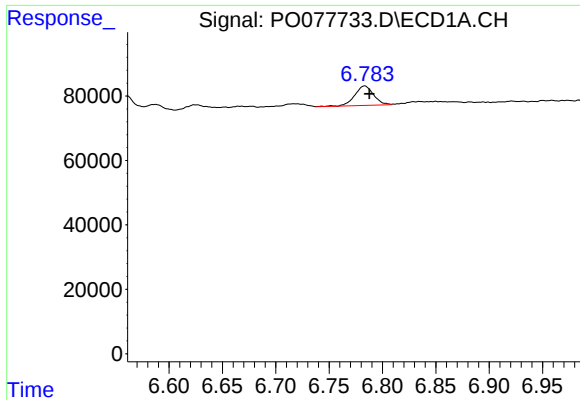
#26 AR-1254-1

R.T.: 6.556 min
Delta R.T.: -0.004 min
Response: 73592
Conc: 29.41 ng/ml



#26 AR-1254-1

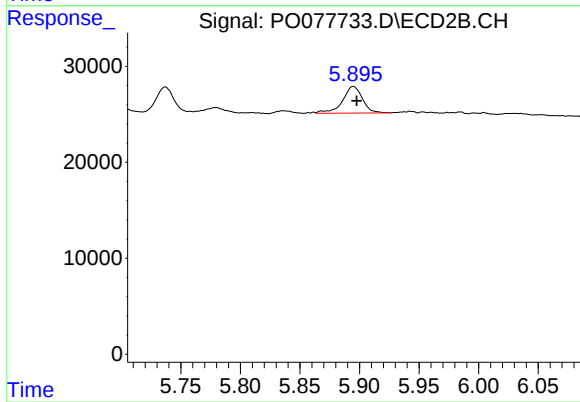
R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 27703
Conc: 29.41 ng/ml



#27 AR-1254-2

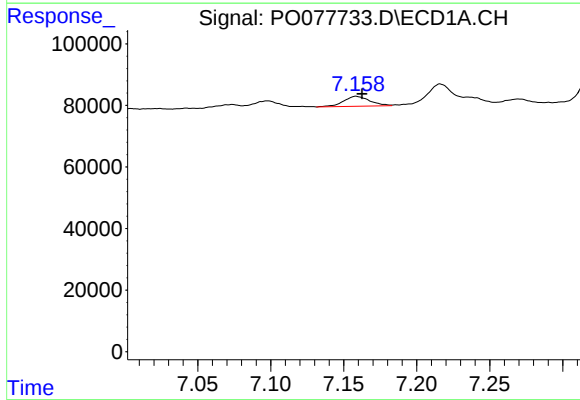
R.T.: 6.783 min
Delta R.T.: -0.004 min
Response: 74502
Conc: 19.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



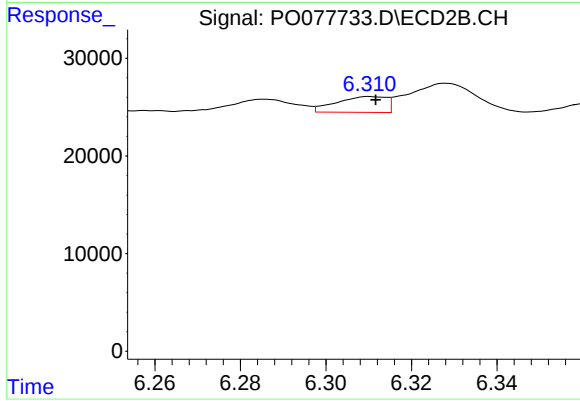
#27 AR-1254-2

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 32226
Conc: 37.83 ng/ml



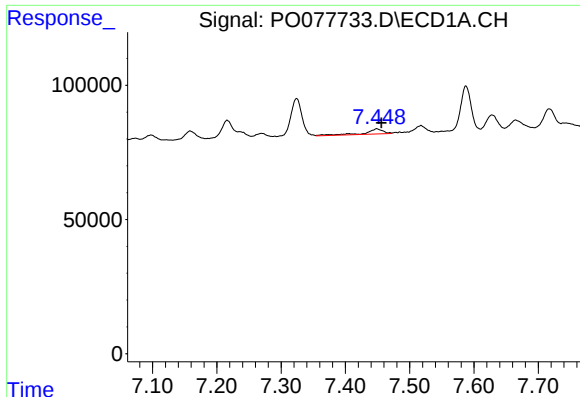
#28 AR-1254-3

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 40245
Conc: 9.80 ng/ml



#28 AR-1254-3

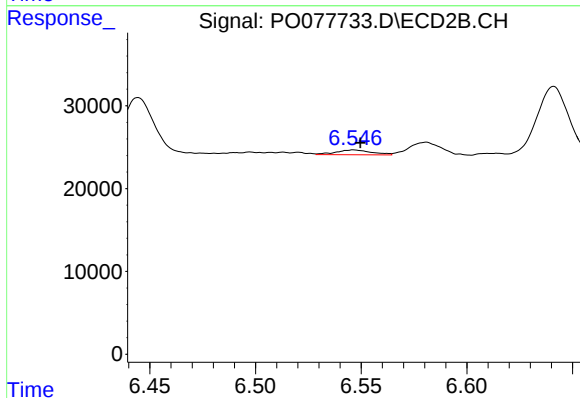
R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 13228
Conc: 10.15 ng/ml



#29 AR-1254-4

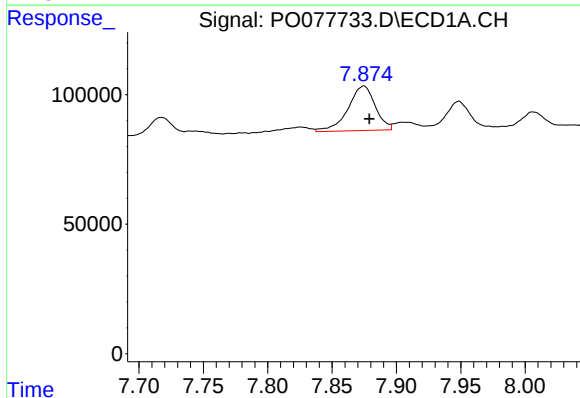
R.T.: 7.449 min
Delta R.T.: -0.007 min
Response: 36712
Conc: 11.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



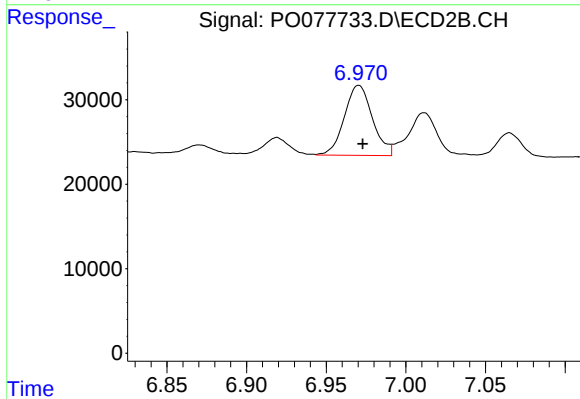
#29 AR-1254-4

R.T.: 6.546 min
Delta R.T.: -0.003 min
Response: 6950
Conc: 8.05 ng/ml



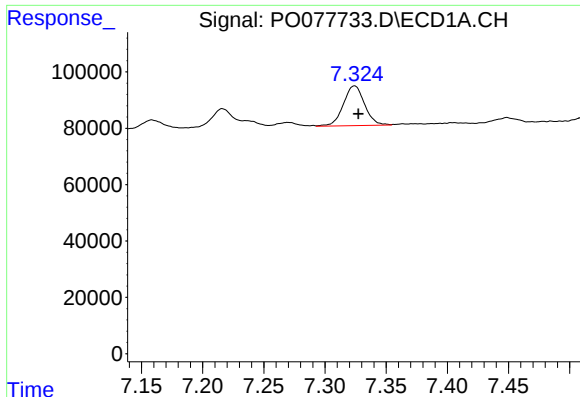
#30 AR-1254-5

R.T.: 7.875 min
Delta R.T.: -0.005 min
Response: 254280
Conc: 75.22 ng/ml



#30 AR-1254-5

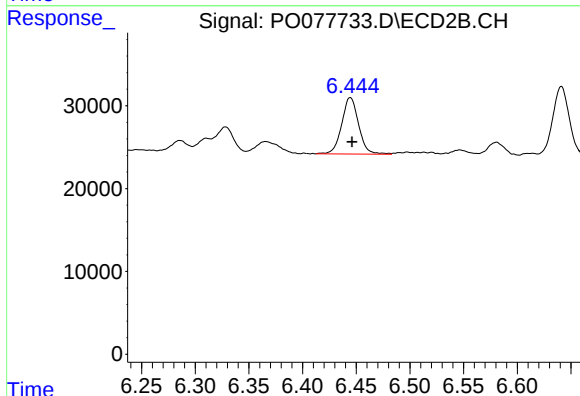
R.T.: 6.970 min
Delta R.T.: -0.003 min
Response: 101860
Conc: 81.98 ng/ml



#31 AR-1260-1

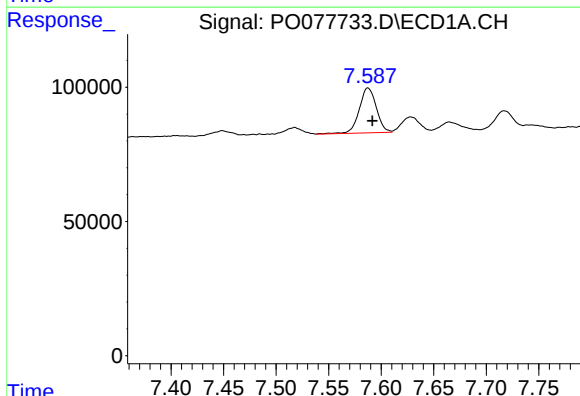
R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 170522
Conc: 50.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



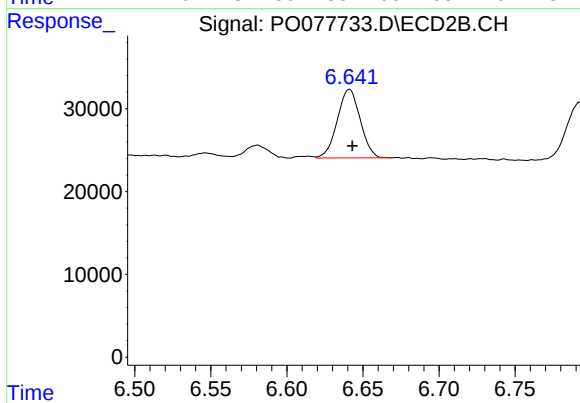
#31 AR-1260-1

R.T.: 6.444 min
Delta R.T.: -0.001 min
Response: 74994
Conc: 76.13 ng/ml



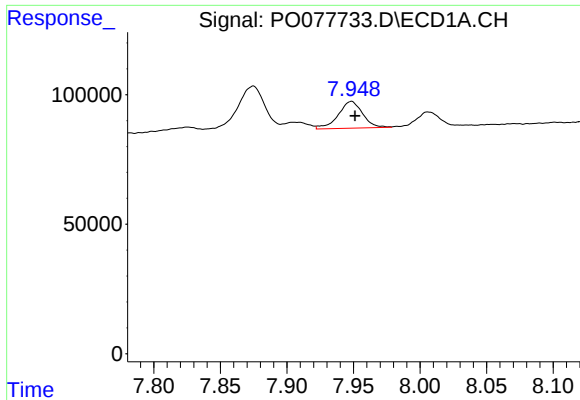
#32 AR-1260-2

R.T.: 7.587 min
Delta R.T.: -0.004 min
Response: 189244
Conc: 47.02 ng/ml



#32 AR-1260-2

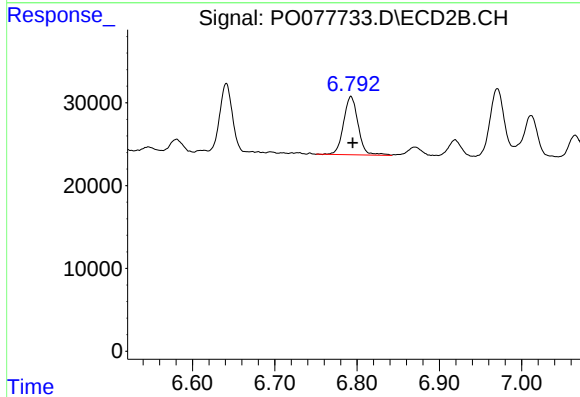
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 86855
Conc: 72.15 ng/ml



#33 AR-1260-3

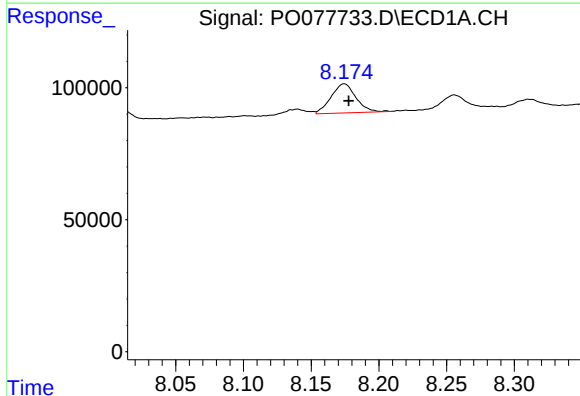
R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 132350
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



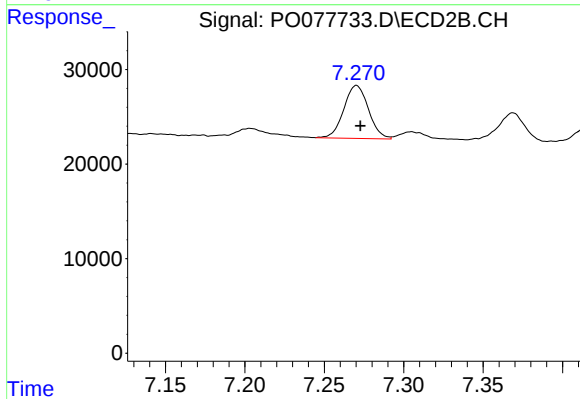
#33 AR-1260-3

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 86933
Conc: 78.37 ng/ml



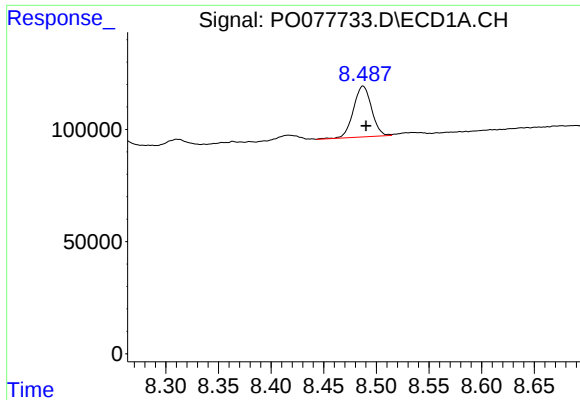
#34 AR-1260-4

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 140553
Conc: 46.82 ng/ml



#34 AR-1260-4

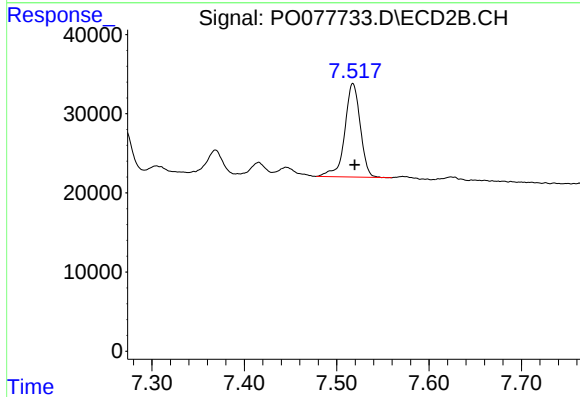
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 60455
Conc: 74.42 ng/ml



#35 AR-1260-5

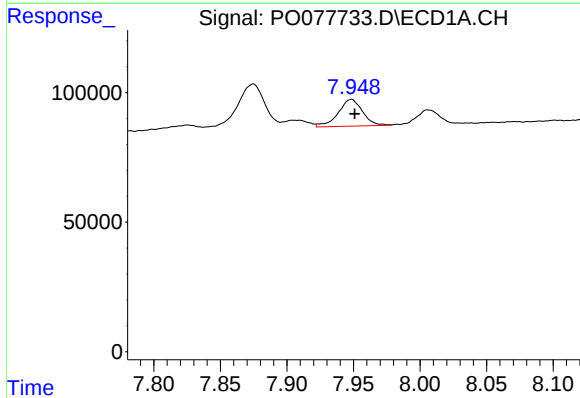
R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 271646
Conc: 47.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



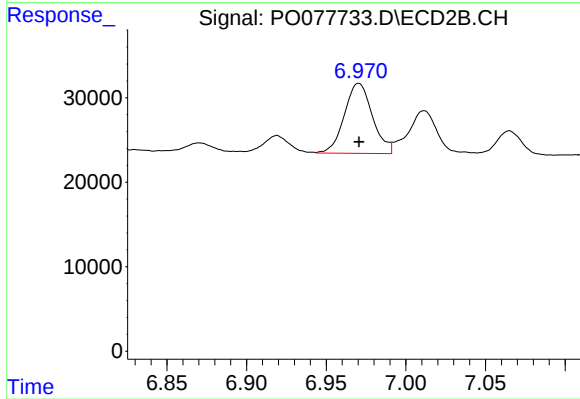
#35 AR-1260-5

R.T.: 7.518 min
Delta R.T.: -0.002 min
Response: 137804
Conc: 71.09 ng/ml



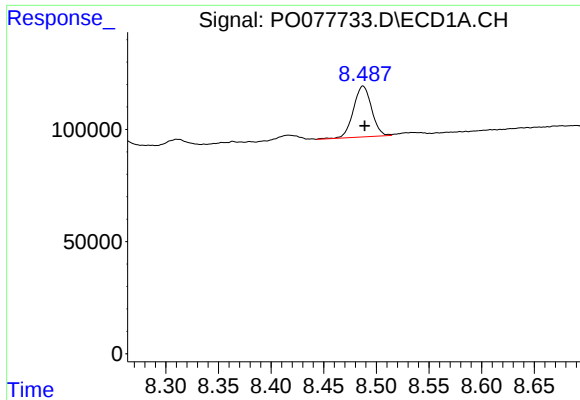
#36 AR-1262-1

R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 132350
Conc: 34.51 ng/ml



#36 AR-1262-1

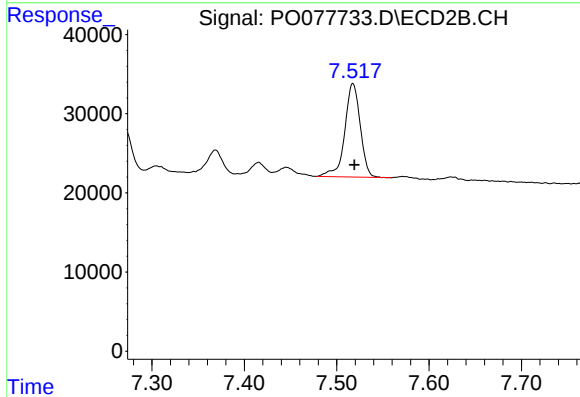
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 101860
Conc: 157.65 ng/ml



#37 AR-1262-2

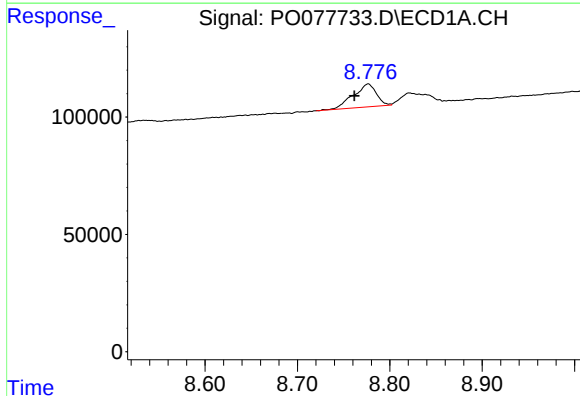
R.T.: 8.487 min
Delta R.T.: -0.001 min
Response: 271646
Conc: 39.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



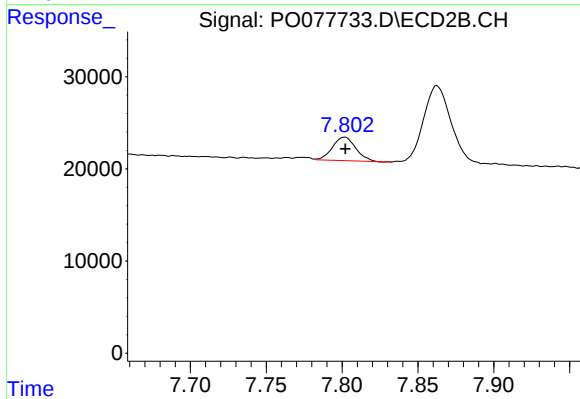
#37 AR-1262-2

R.T.: 7.518 min
Delta R.T.: -0.002 min
Response: 137804
Conc: 62.27 ng/ml



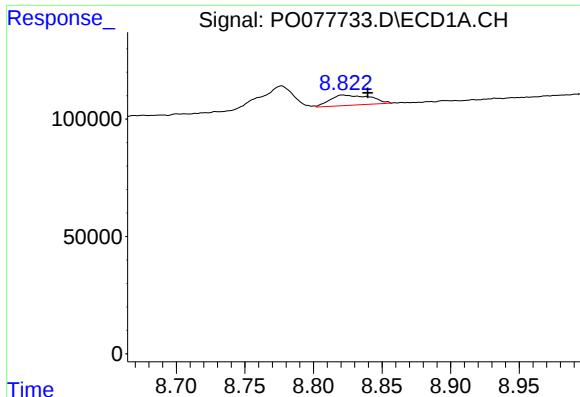
#38 AR-1262-3

R.T.: 8.777 min
Delta R.T.: 0.015 min
Response: 169323
Conc: 37.97 ng/ml



#38 AR-1262-3

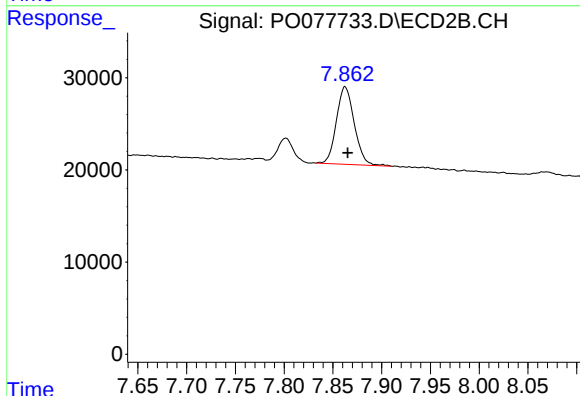
R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 27295
Conc: 30.51 ng/ml



#39 AR-1262-4

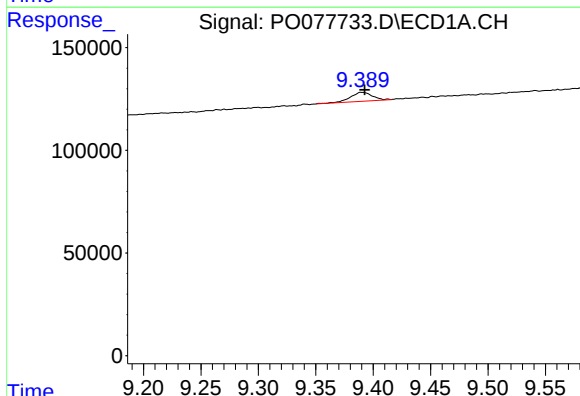
R.T.: 8.821 min
Delta R.T.: -0.018 min
Response: 89218
Conc: 27.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



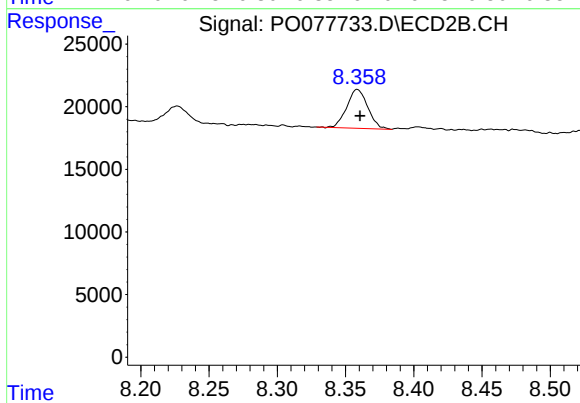
#39 AR-1262-4

R.T.: 7.863 min
Delta R.T.: -0.003 min
Response: 107321
Conc: 64.35 ng/ml



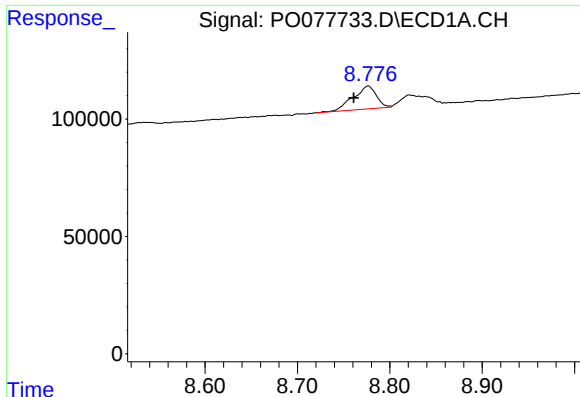
#40 AR-1262-5

R.T.: 9.390 min
Delta R.T.: -0.002 min
Response: 59225
Conc: 25.52 ng/ml



#40 AR-1262-5

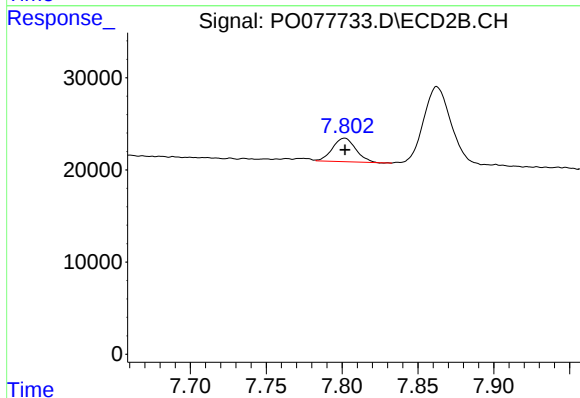
R.T.: 8.359 min
Delta R.T.: -0.002 min
Response: 33111
Conc: 41.12 ng/ml



#41 AR-1268-1

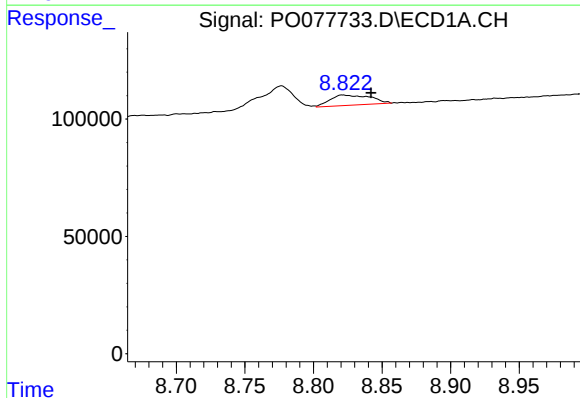
R.T.: 8.777 min
Delta R.T.: 0.015 min
Response: 169323
Conc: 22.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



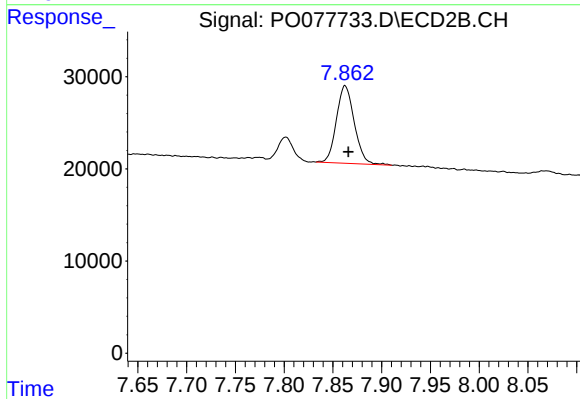
#41 AR-1268-1

R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 27295
Conc: 11.12 ng/ml



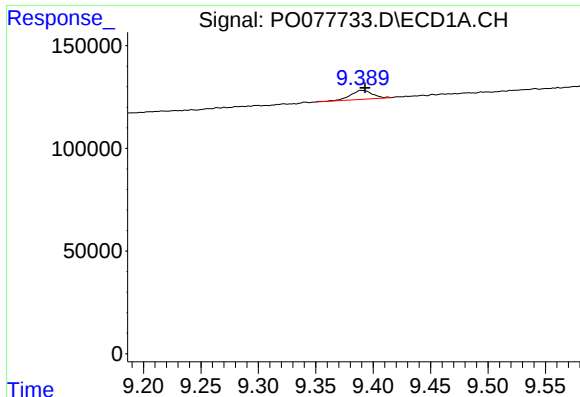
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: -0.021 min
Response: 89218
Conc: 13.28 ng/ml



#42 AR-1268-2

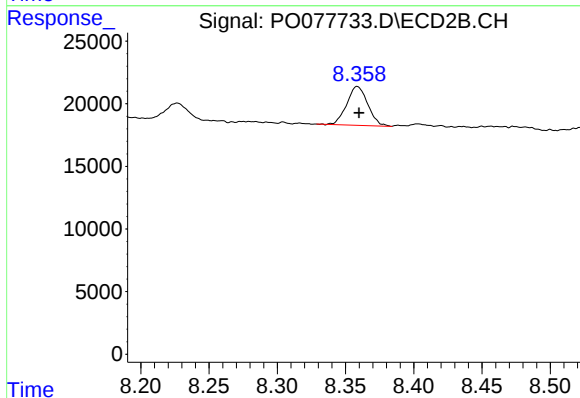
R.T.: 7.863 min
Delta R.T.: -0.003 min
Response: 107321
Conc: 48.55 ng/ml



#44 AR-1268-4

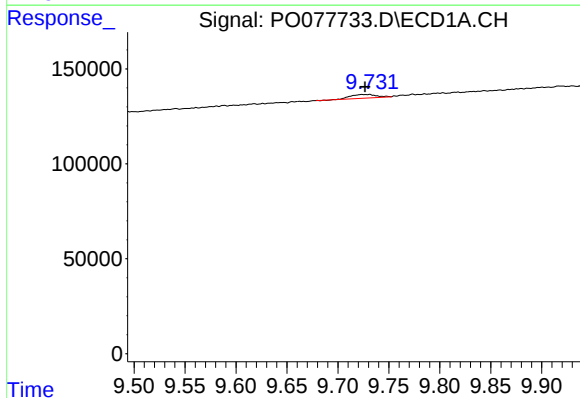
R.T.: 9.390 min
Delta R.T.: -0.002 min
Response: 59225
Conc: 24.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



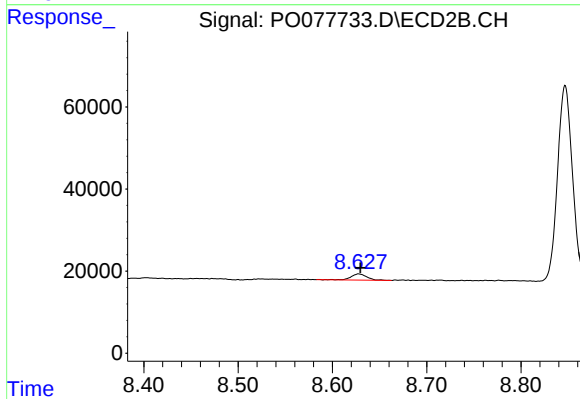
#44 AR-1268-4

R.T.: 8.359 min
Delta R.T.: -0.001 min
Response: 33111
Conc: 38.81 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: 0.004 min
Response: 33151
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 8.628 min
Delta R.T.: -0.002 min
Response: 17311
Conc: 2.87 ng/ml