

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051121\
 Data File : P0077691.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 May 2021 17:49
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 22:58:56 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...	4.367	3.645	1356456	343864	19.540	20.451
2)	SA Decachlor...	9.992	8.848	1100682	427185	20.948	24.222
Target Compounds							
3)	L1 AR-1016-1	5.665	4.878	69960	20422	27.575	30.492
4)	L1 AR-1016-2	5.687	4.898	98631	23258	27.424	26.143
5)	L1 AR-1016-3	5.751	5.085	65480	13210	29.749	27.877
6)	L1 AR-1016-4	5.856	5.137	52253	11419	28.963	29.041
7)	L1 AR-1016-5	6.166	5.363	45660	13329	26.361	26.636
8)	L2 AR-1221-1	4.612	0.000	38409	0	50.294	N.D. #
9)	L2 AR-1221-2	4.710	3.989	25572	8622	44.174	53.758
10)	L2 AR-1221-3	4.799	4.082	77309	9979	41.348	20.116 #
11)	L3 AR-1232-1	4.799	4.082	77309	9979	53.857	26.432 #
12)	L3 AR-1232-2	5.371	4.898	93101	23258	128.317	68.125 #
13)	L3 AR-1232-3	5.687	5.085	98631	13210	71.345	72.239
14)	L3 AR-1232-4	5.856	5.182	52253	15323	76.248	92.489
15)	L3 AR-1232-5	5.957	5.363	37829	13329	81.826	73.586
16)	L4 AR-1242-1	5.665	4.878	69960	20422	37.773	42.030
17)	L4 AR-1242-2	5.687	4.898	98631	23258	37.726	36.191
18)	L4 AR-1242-3	5.751	5.085	65480	13210	40.885	38.357
19)	L4 AR-1242-4	5.856	5.182	52253	15323	39.987	44.383
20)	L4 AR-1242-5	0.000	5.737	0	9372	N.D.	21.099 #
21)	L5 AR-1248-1	5.665	4.878	69960	20422	49.686	56.348
22)	L5 AR-1248-2	5.957	5.137	37829	11419	20.738	22.300
23)	L5 AR-1248-3	6.166	5.182	45660	15323	20.775	29.928 #
24)	L5 AR-1248-4	0.000	5.363	0	13329	N.D.	21.441 #
26)	L6 AR-1254-1	6.559	5.737	27876	9372	11.140	9.951
27)	L6 AR-1254-2	6.785	5.895	40121	16129	10.286	18.931 #
28)	L6 AR-1254-3	7.162	6.327f	29867	20336	7.273	15.603 #
29)	L6 AR-1254-4	7.449	0.000	12399	0	3.994	N.D. #
30)	L6 AR-1254-5	7.876	6.971	125144	40762	37.021	32.807
31)	L7 AR-1260-1	7.326	6.444	88898	30696	26.536	31.159
32)	L7 AR-1260-2	7.590	6.642	96561	35034	23.990	29.104
33)	L7 AR-1260-3	7.950	6.793	63357	32526	25.485	29.322
34)	L7 AR-1260-4	8.177	7.271	68150	22236	22.704	27.372
35)	L7 AR-1260-5	8.488	7.519	136110	52532	23.689	27.098
36)	L8 AR-1262-1	7.950	6.971	63357	40762	16.519	63.087 #
37)	L8 AR-1262-2	8.488	7.519	136110	52532	19.772	23.739
38)	L8 AR-1262-3	8.778f	7.803	89095	9843	19.979	11.000 #
39)	L8 AR-1262-4	8.833	7.863	53005	40179	16.246	24.091 #
40)	L8 AR-1262-5	9.395	8.360	28224	12953	12.162	16.085 #
41)	L9 AR-1268-1	8.778f	7.803	89095	9843	11.902	4.011 #
42)	L9 AR-1268-2	8.833	7.863	53005	40179	7.891	18.178 #

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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
44) L9	AR-1268-4	9.395	8.360	28224	12953	11.604	15.182 #
45) L9	AR-1268-5	9.736	8.628	17622	7871	0.940	1.303 #

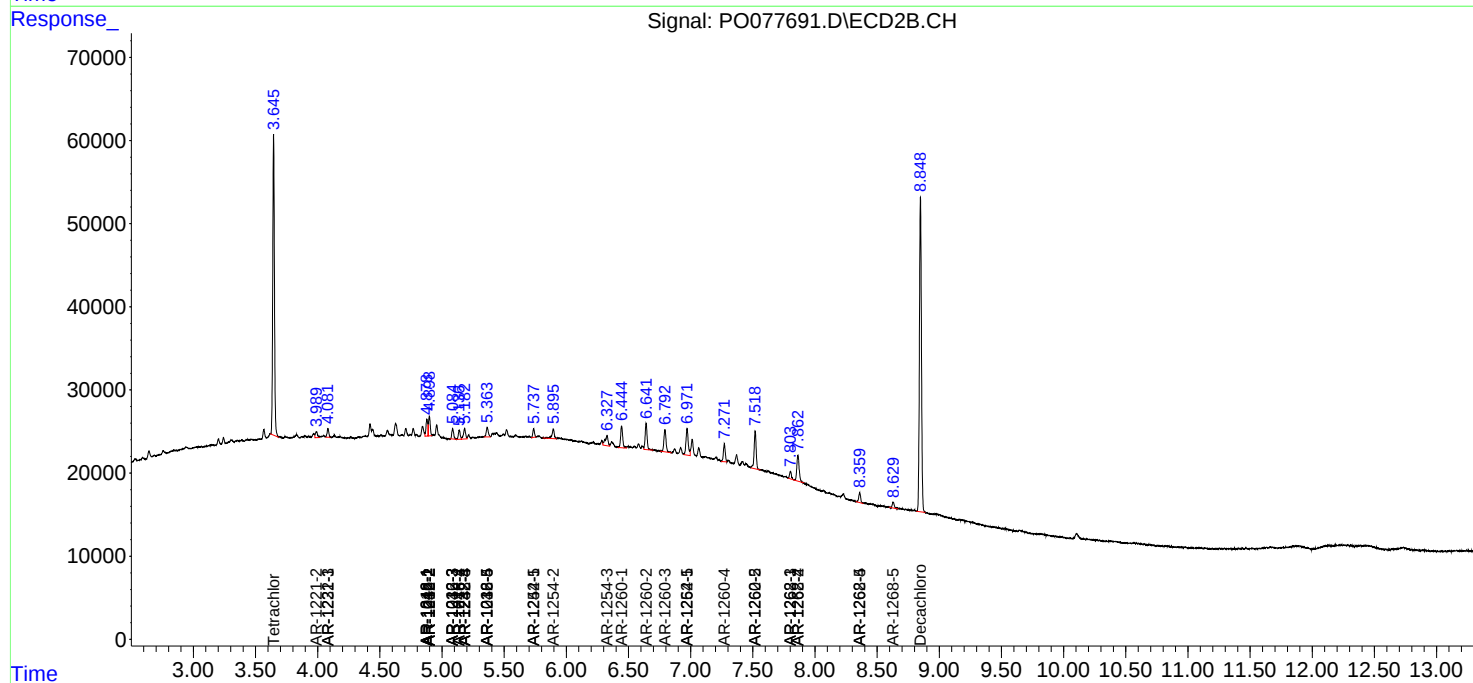
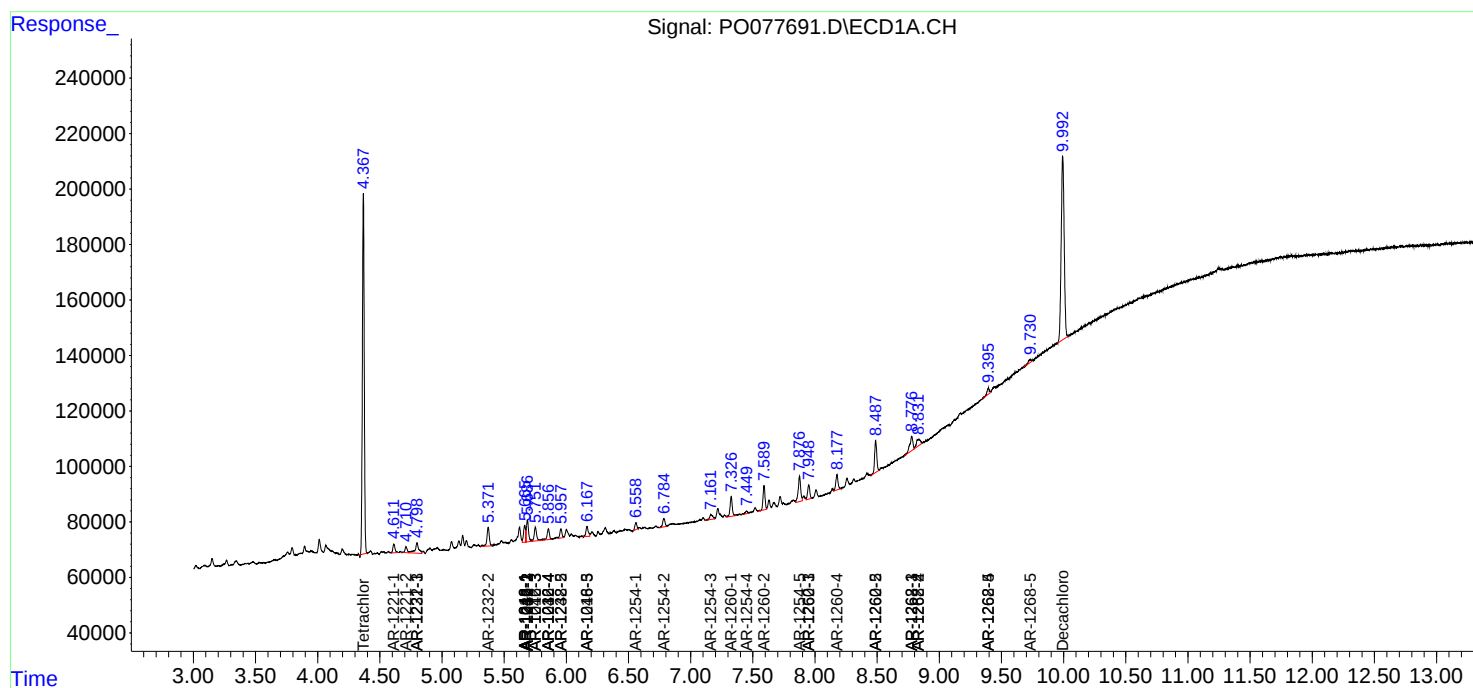
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

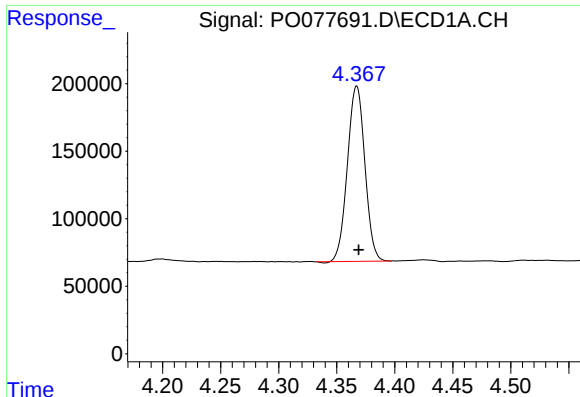
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

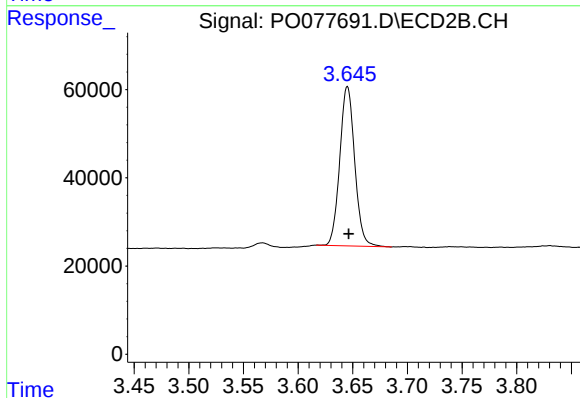




#1 Tetrachloro-m-xylene

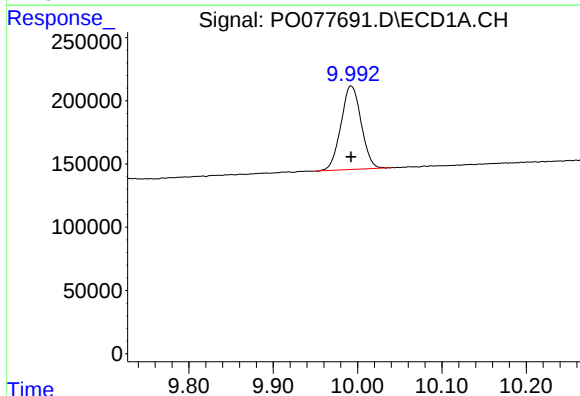
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1356456
Conc: 19.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



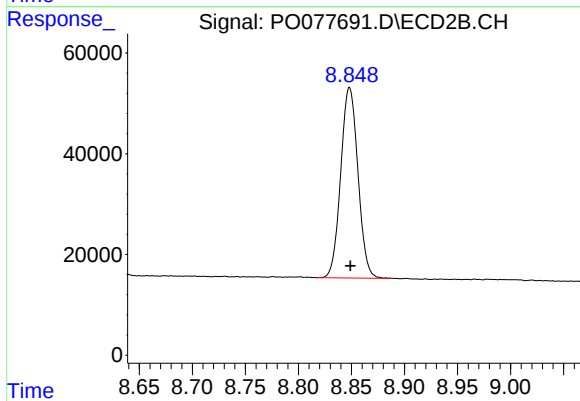
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.001 min
Response: 343864
Conc: 20.45 ng/ml



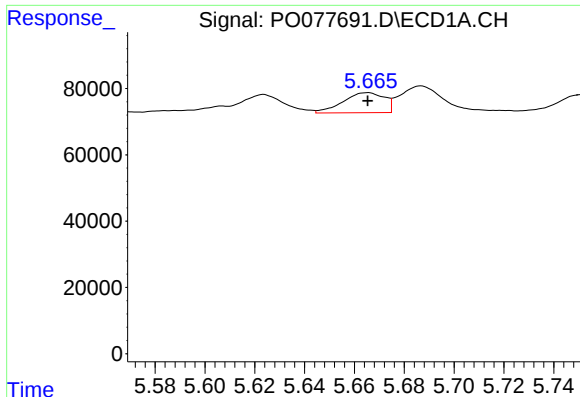
#2 Decachlorobiphenyl

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 1100682
Conc: 20.95 ng/ml



#2 Decachlorobiphenyl

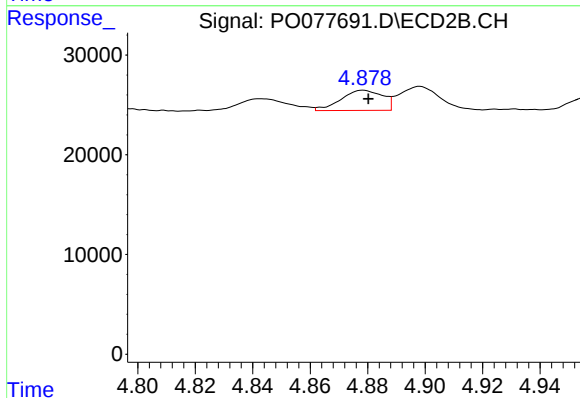
R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 427185
Conc: 24.22 ng/ml



#3 AR-1016-1

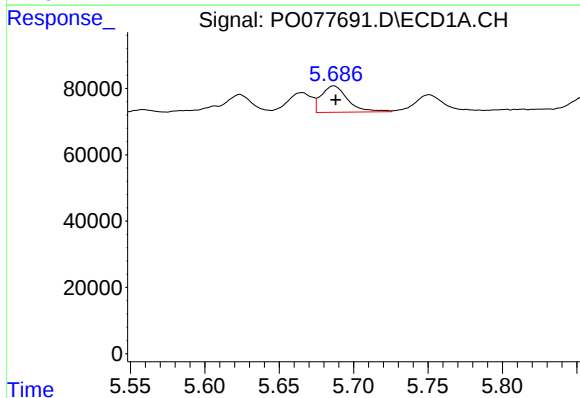
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 69960
Conc: 27.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



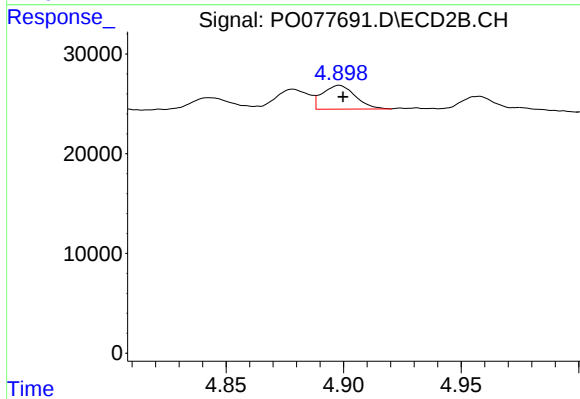
#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 20422
Conc: 30.49 ng/ml



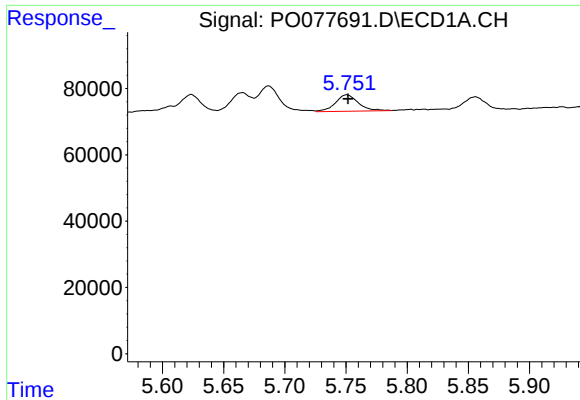
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 98631
Conc: 27.42 ng/ml



#4 AR-1016-2

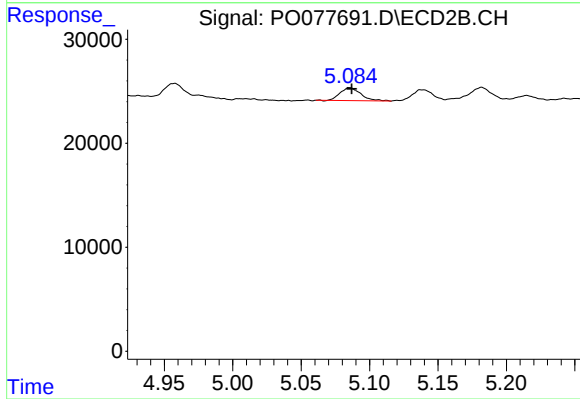
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 23258
Conc: 26.14 ng/ml



#5 AR-1016-3

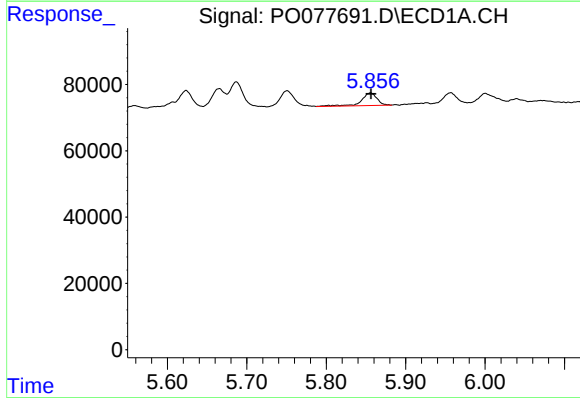
R.T.: 5.751 min
Delta R.T.: -0.001 min
Response: 65480
Conc: 29.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



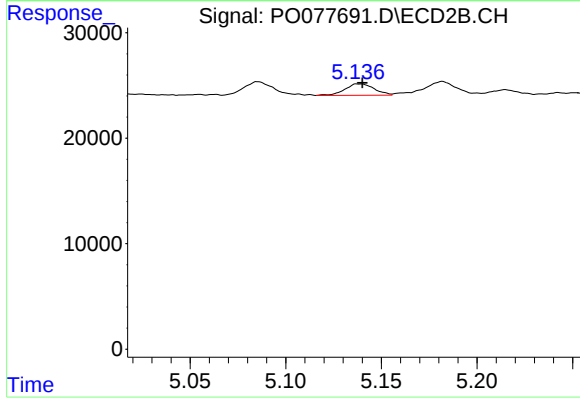
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 13210
Conc: 27.88 ng/ml



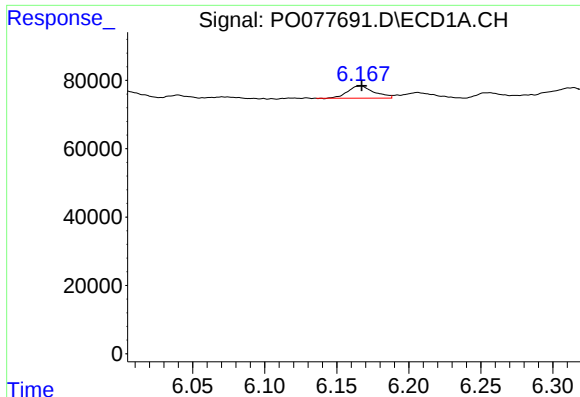
#6 AR-1016-4

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 52253
Conc: 28.96 ng/ml



#6 AR-1016-4

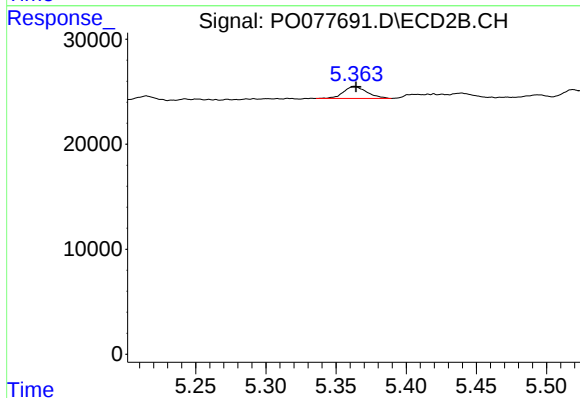
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 11419
Conc: 29.04 ng/ml



#7 AR-1016-5

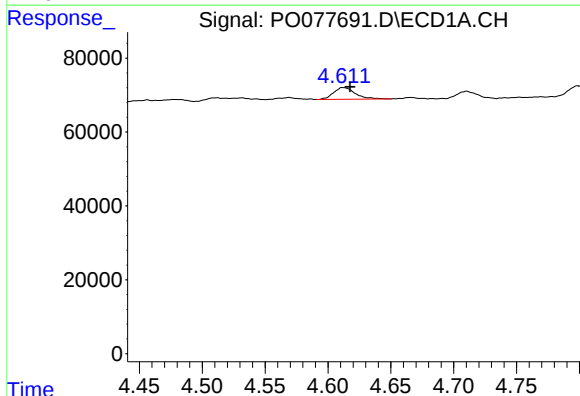
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 45660
Conc: 26.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



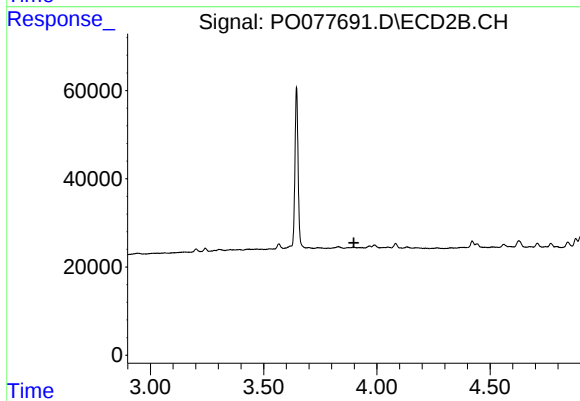
#7 AR-1016-5

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 13329
Conc: 26.64 ng/ml



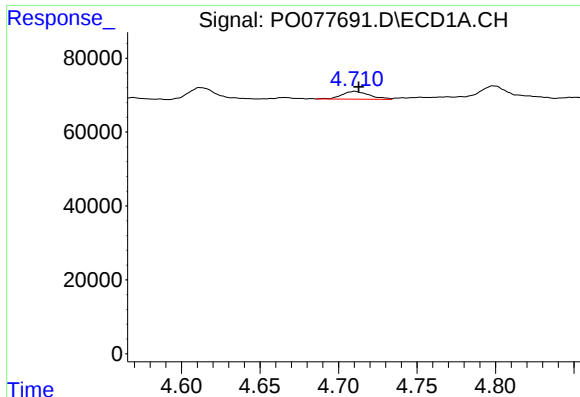
#8 AR-1221-1

R.T.: 4.612 min
Delta R.T.: -0.005 min
Response: 38409
Conc: 50.29 ng/ml



#8 AR-1221-1

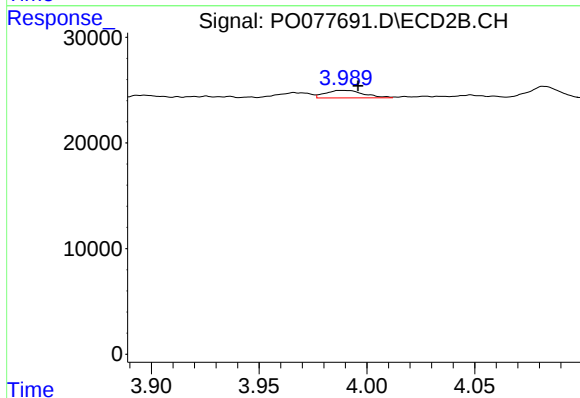
R.T.: 0.000 min
Exp R.T. : 3.899 min
Response: 0
Conc: N.D.



#9 AR-1221-2

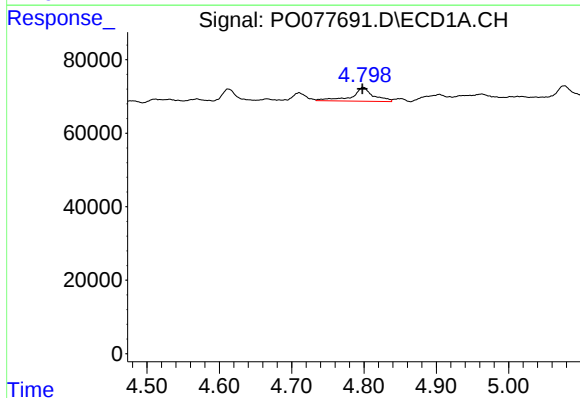
R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 25572
Conc: 44.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



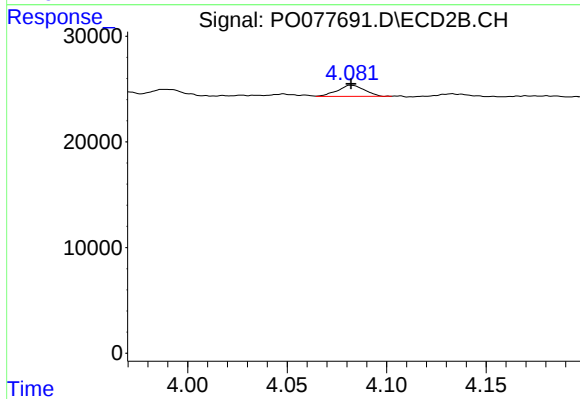
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 8622
Conc: 53.76 ng/ml



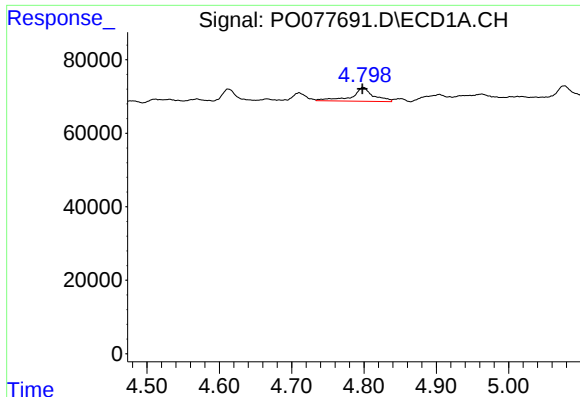
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 77309
Conc: 41.35 ng/ml



#10 AR-1221-3

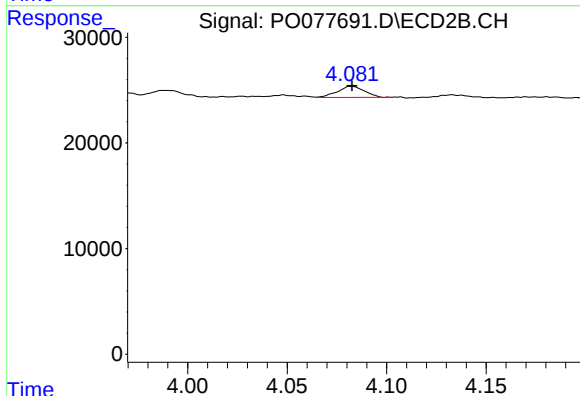
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 9979
Conc: 20.12 ng/ml



#11 AR-1232-1

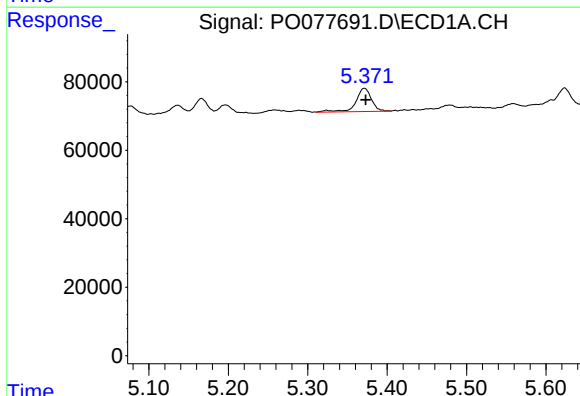
R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 77309
Conc: 53.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



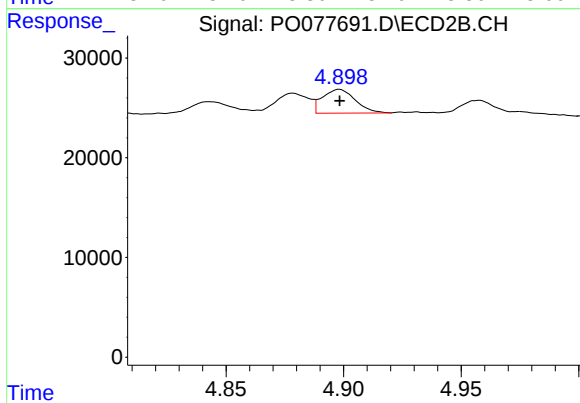
#11 AR-1232-1

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 9979
Conc: 26.43 ng/ml



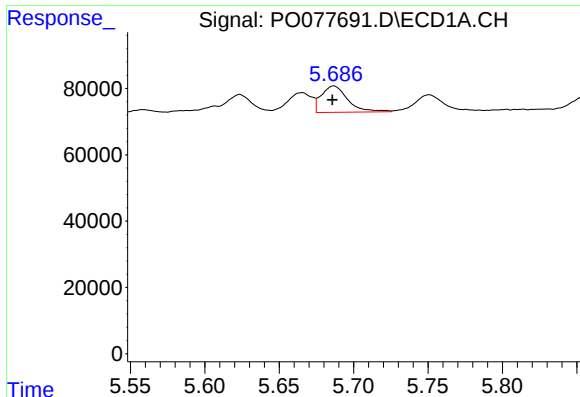
#12 AR-1232-2

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 93101
Conc: 128.32 ng/ml



#12 AR-1232-2

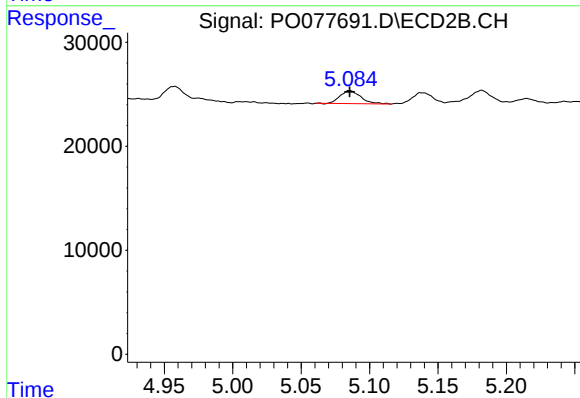
R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23258
Conc: 68.12 ng/ml



#13 AR-1232-3

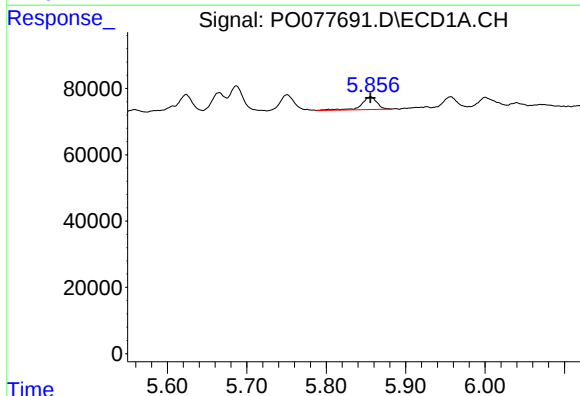
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 98631
Conc: 71.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



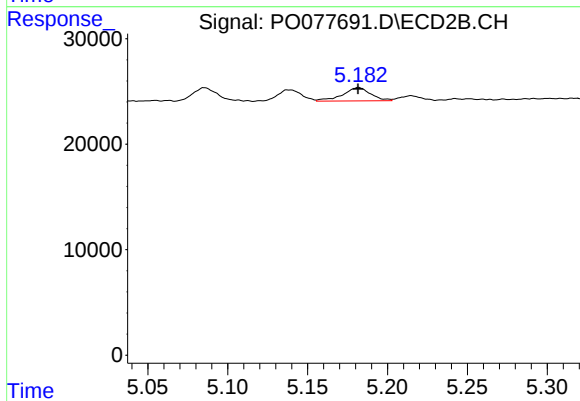
#13 AR-1232-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 13210
Conc: 72.24 ng/ml



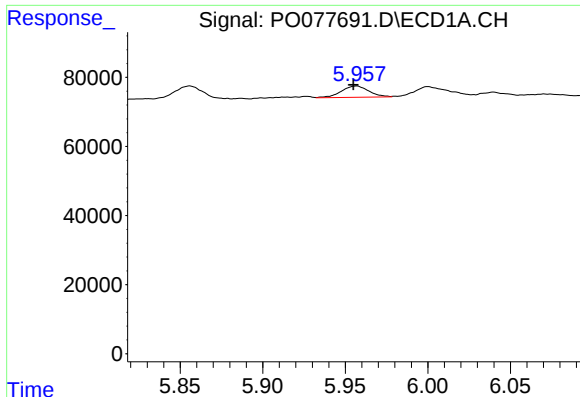
#14 AR-1232-4

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 52253
Conc: 76.25 ng/ml



#14 AR-1232-4

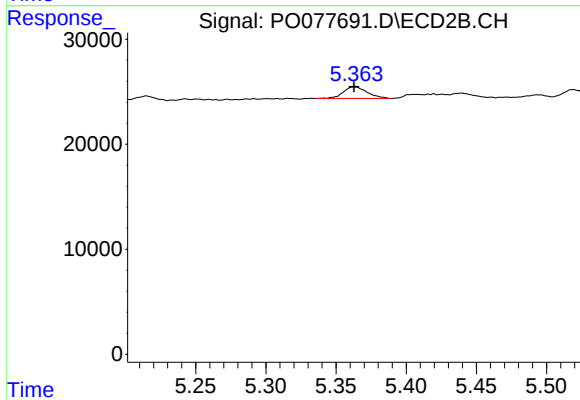
R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 15323
Conc: 92.49 ng/ml



#15 AR-1232-5

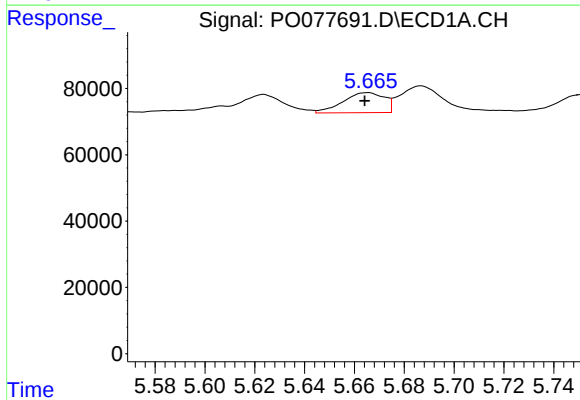
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 37829
Conc: 81.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



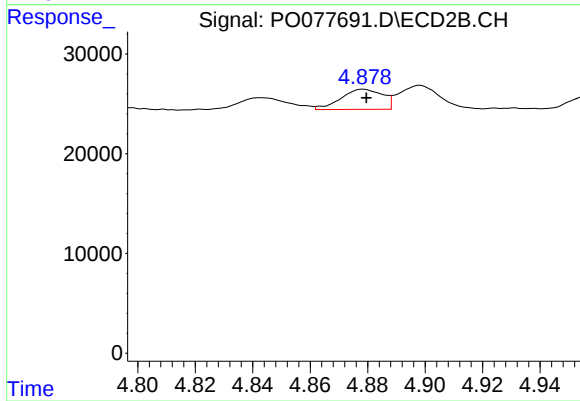
#15 AR-1232-5

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 13329
Conc: 73.59 ng/ml



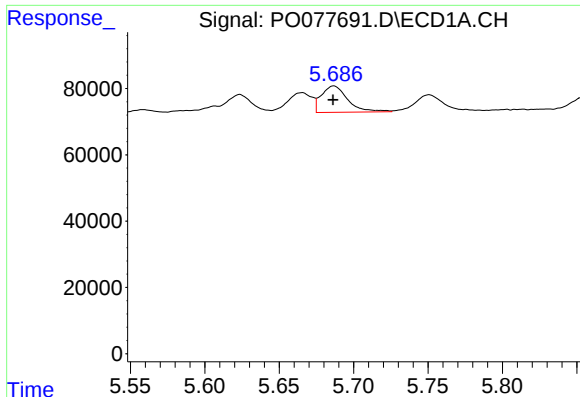
#16 AR-1242-1

R.T.: 5.665 min
Delta R.T.: 0.001 min
Response: 69960
Conc: 37.77 ng/ml



#16 AR-1242-1

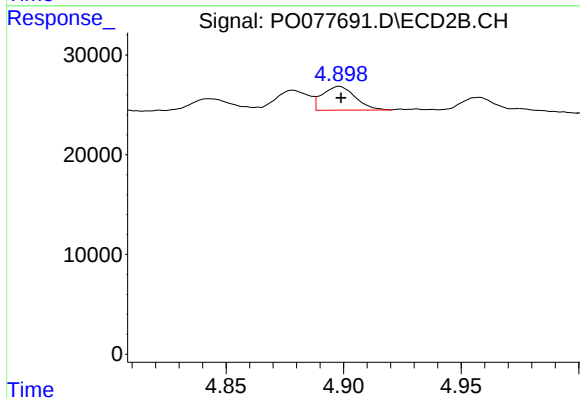
R.T.: 4.878 min
Delta R.T.: -0.001 min
Response: 20422
Conc: 42.03 ng/ml



#17 AR-1242-2

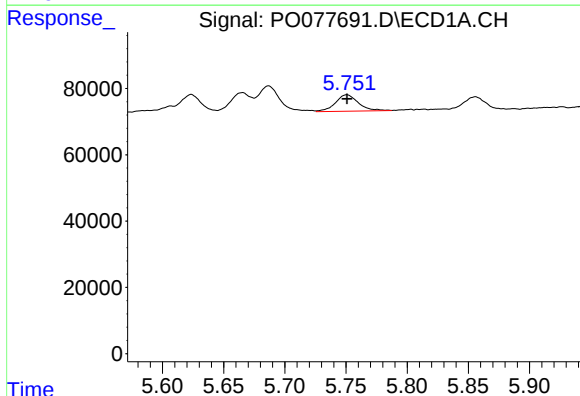
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 98631
Conc: 37.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



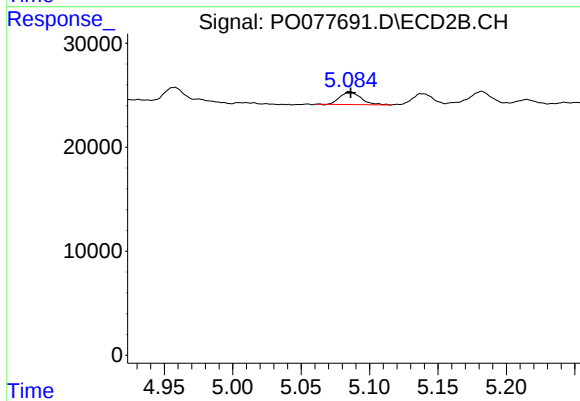
#17 AR-1242-2

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23258
Conc: 36.19 ng/ml



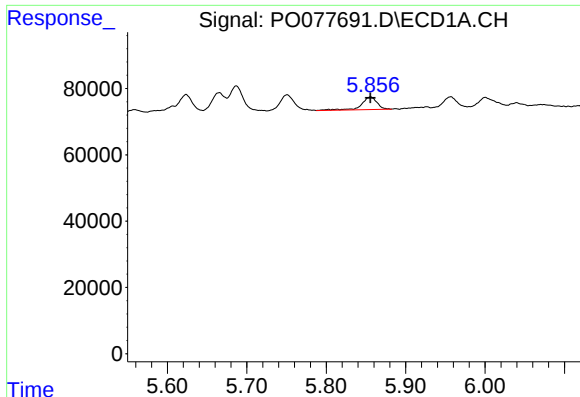
#18 AR-1242-3

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 65480
Conc: 40.88 ng/ml



#18 AR-1242-3

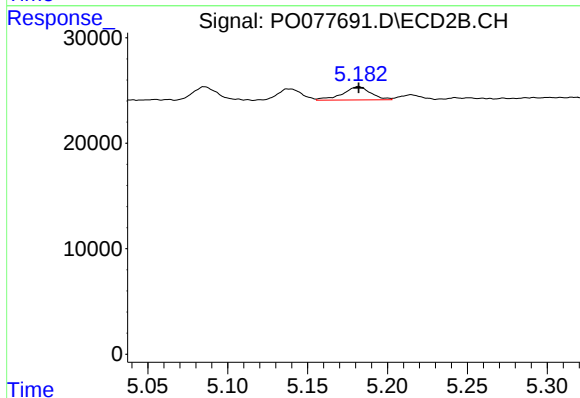
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 13210
Conc: 38.36 ng/ml



#19 AR-1242-4

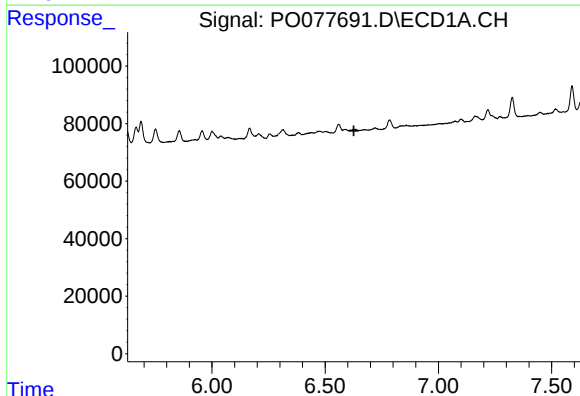
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 52253
Conc: 39.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



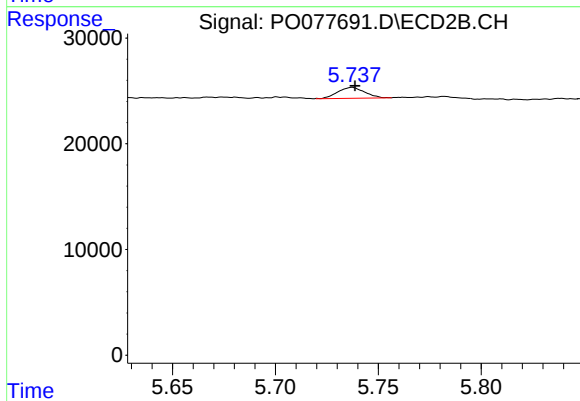
#19 AR-1242-4

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 15323
Conc: 44.38 ng/ml



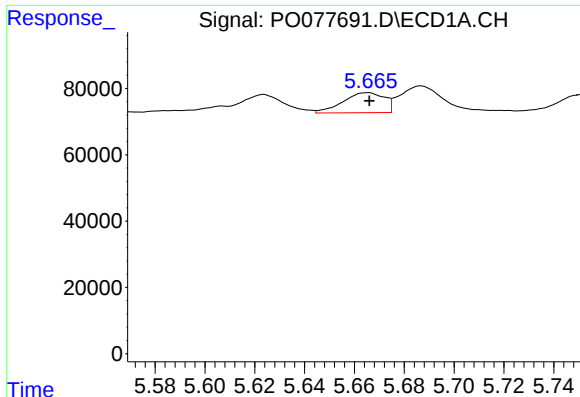
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.627 min
Response: 0
Conc: N.D.



#20 AR-1242-5

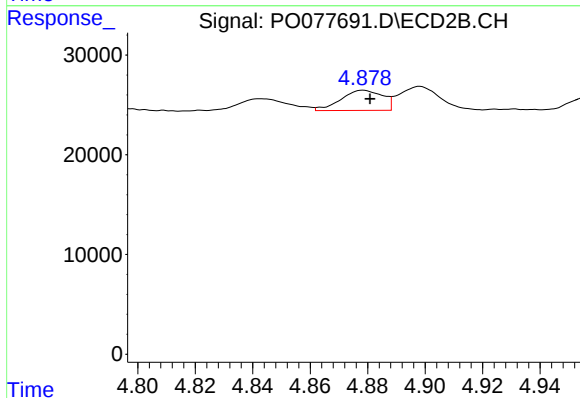
R.T.: 5.737 min
Delta R.T.: -0.001 min
Response: 9372
Conc: 21.10 ng/ml



#21 AR-1248-1

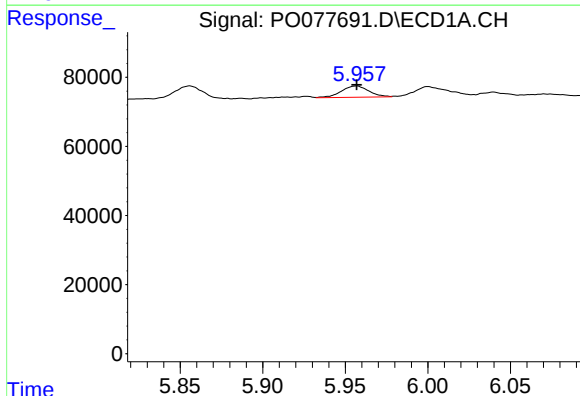
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 69960
Conc: 49.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



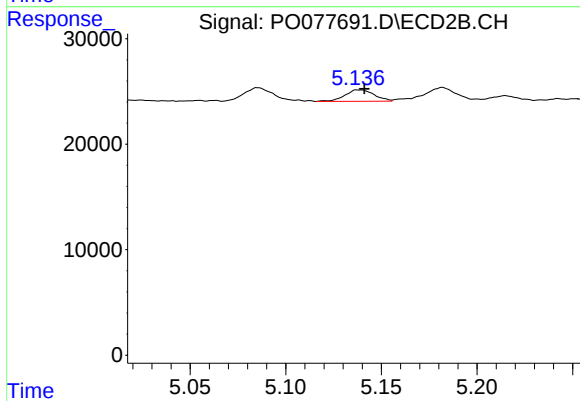
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 20422
Conc: 56.35 ng/ml



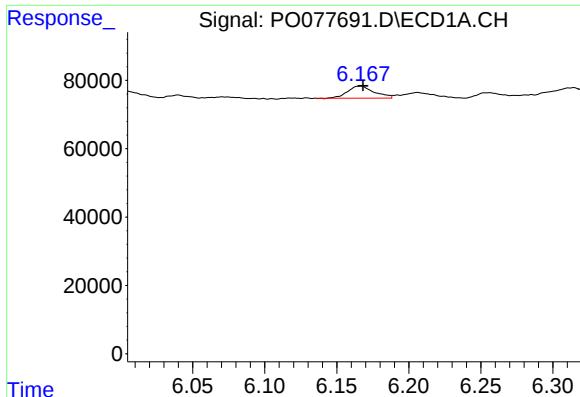
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 37829
Conc: 20.74 ng/ml



#22 AR-1248-2

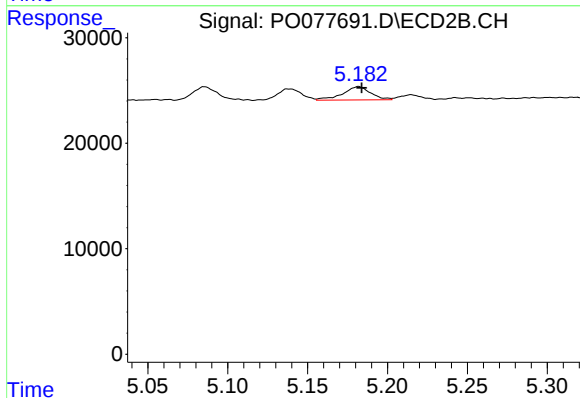
R.T.: 5.137 min
Delta R.T.: -0.004 min
Response: 11419
Conc: 22.30 ng/ml



#23 AR-1248-3

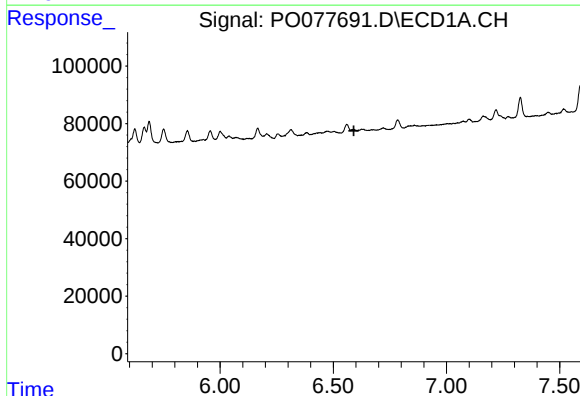
R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 45660
Conc: 20.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



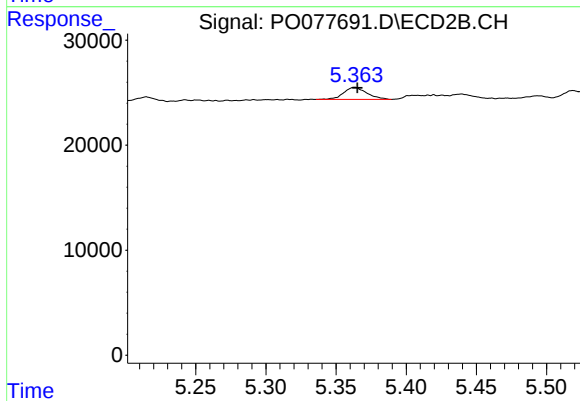
#23 AR-1248-3

R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 15323
Conc: 29.93 ng/ml



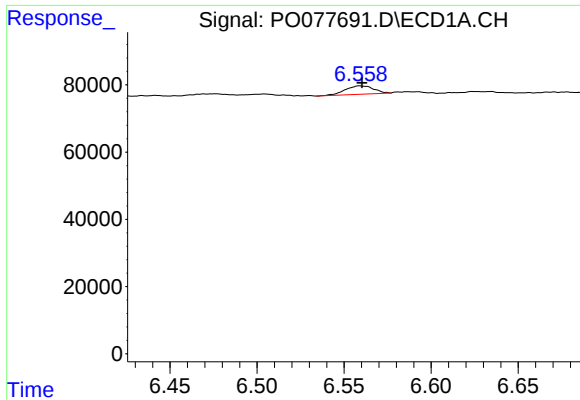
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.591 min
Response: 0
Conc: N.D.



#24 AR-1248-4

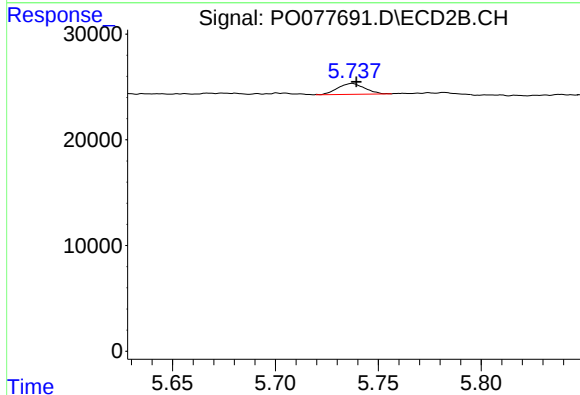
R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 13329
Conc: 21.44 ng/ml



#26 AR-1254-1

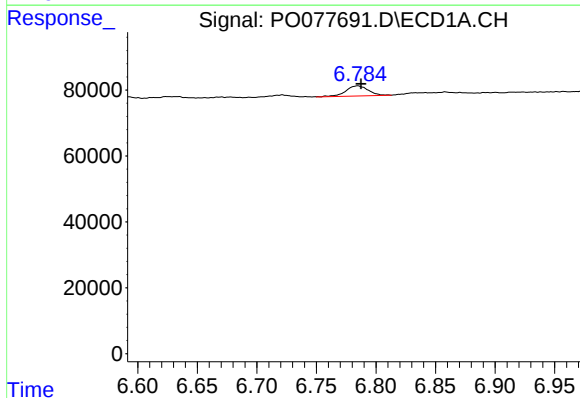
R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 27876
Conc: 11.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



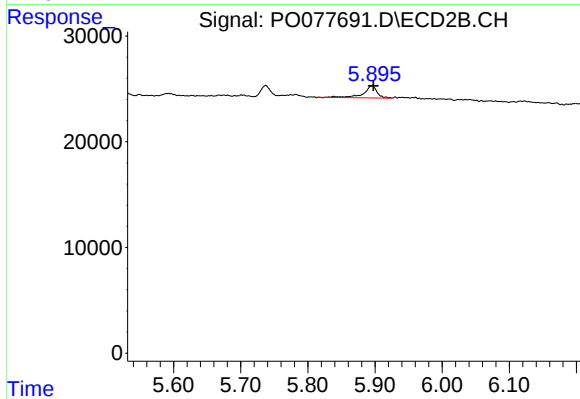
#26 AR-1254-1

R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 9372
Conc: 9.95 ng/ml



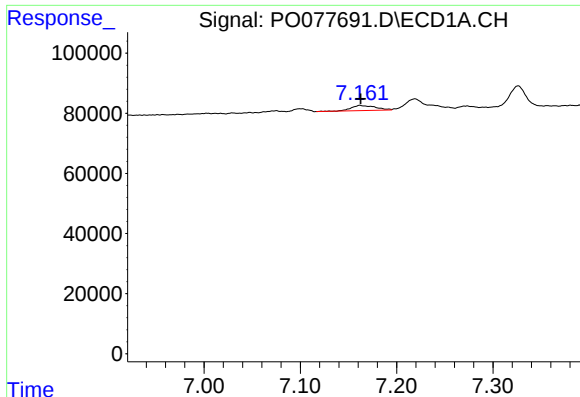
#27 AR-1254-2

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 40121
Conc: 10.29 ng/ml



#27 AR-1254-2

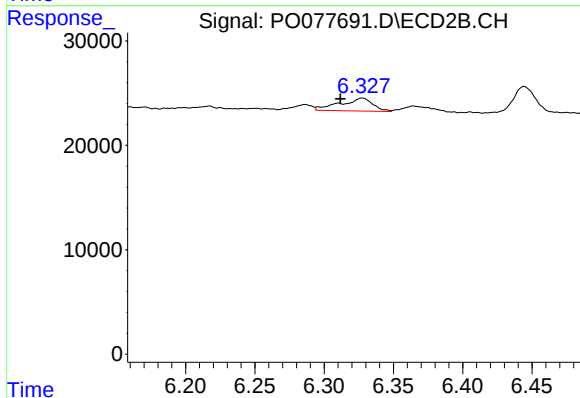
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 16129
Conc: 18.93 ng/ml



#28 AR-1254-3

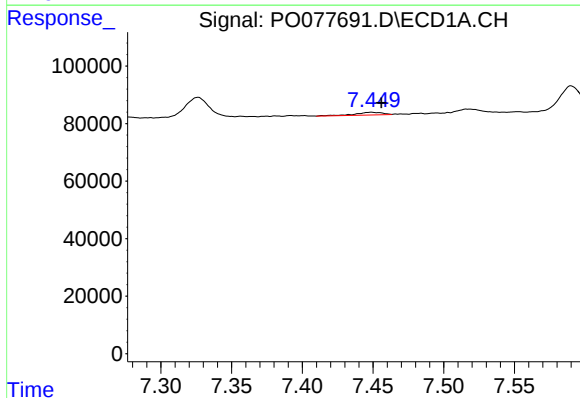
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 29867
Conc: 7.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



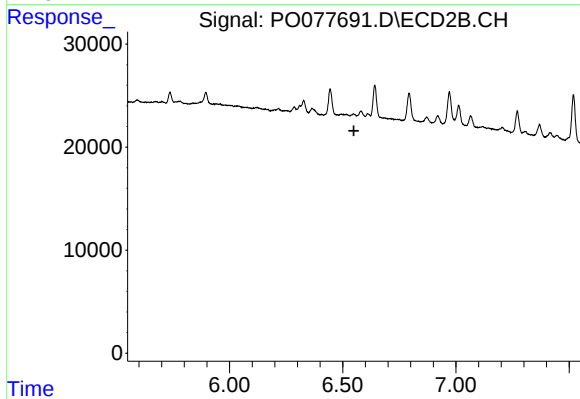
#28 AR-1254-3

R.T.: 6.327 min
Delta R.T.: 0.016 min
Response: 20336
Conc: 15.60 ng/ml



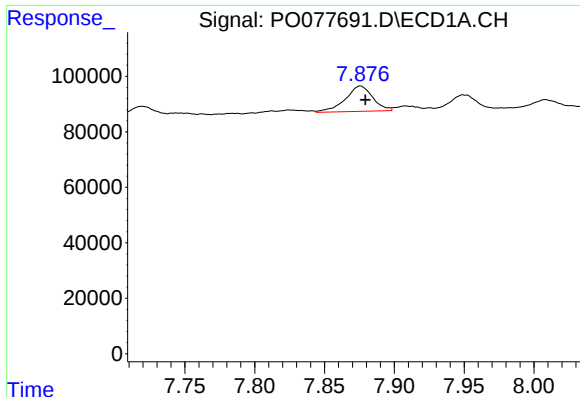
#29 AR-1254-4

R.T.: 7.449 min
Delta R.T.: -0.007 min
Response: 12399
Conc: 3.99 ng/ml



#29 AR-1254-4

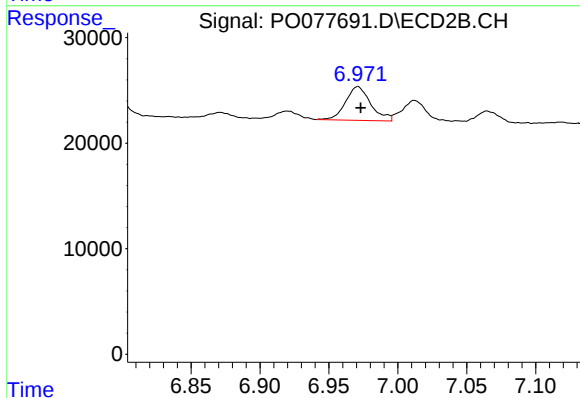
R.T.: 0.000 min
Exp R.T.: 6.550 min
Response: 0
Conc: N.D.



#30 AR-1254-5

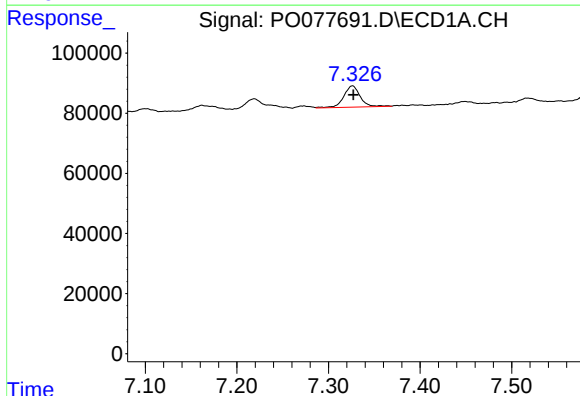
R.T.: 7.876 min
Delta R.T.: -0.003 min
Response: 125144
Conc: 37.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



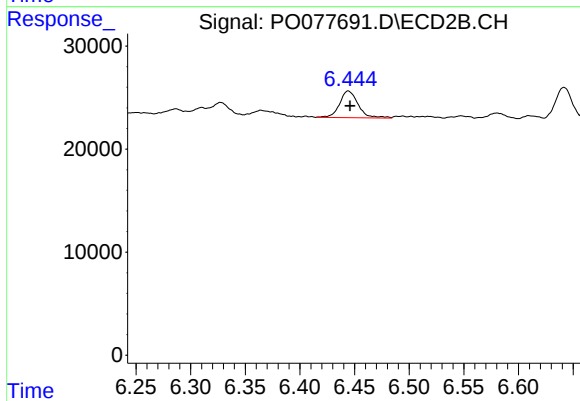
#30 AR-1254-5

R.T.: 6.971 min
Delta R.T.: -0.002 min
Response: 40762
Conc: 32.81 ng/ml



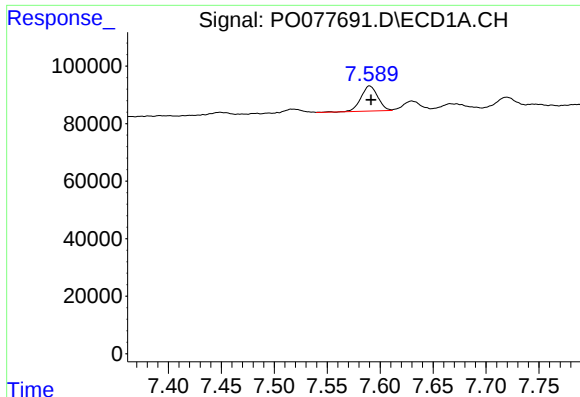
#31 AR-1260-1

R.T.: 7.326 min
Delta R.T.: -0.001 min
Response: 88898
Conc: 26.54 ng/ml



#31 AR-1260-1

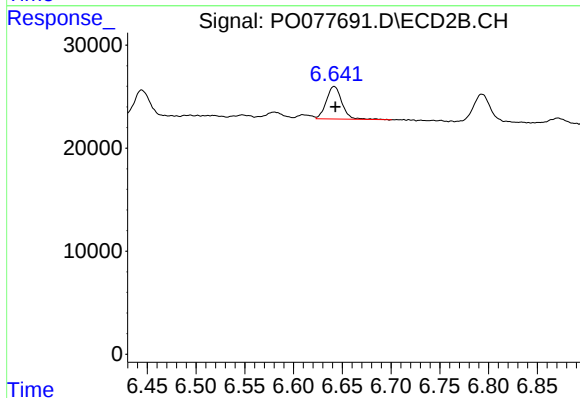
R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 30696
Conc: 31.16 ng/ml



#32 AR-1260-2

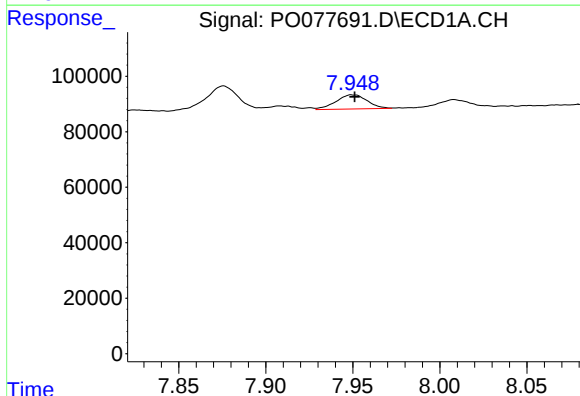
R.T.: 7.590 min
Delta R.T.: -0.001 min
Response: 96561
Conc: 23.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



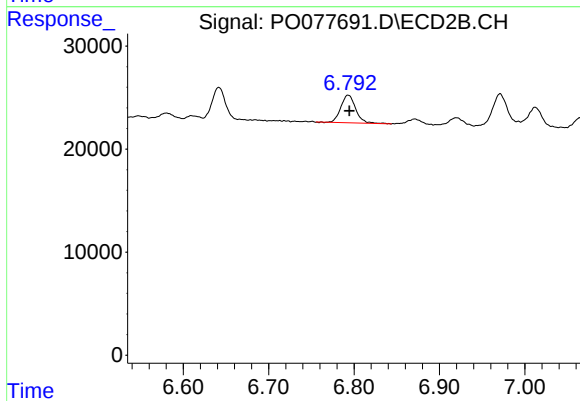
#32 AR-1260-2

R.T.: 6.642 min
Delta R.T.: -0.001 min
Response: 35034
Conc: 29.10 ng/ml



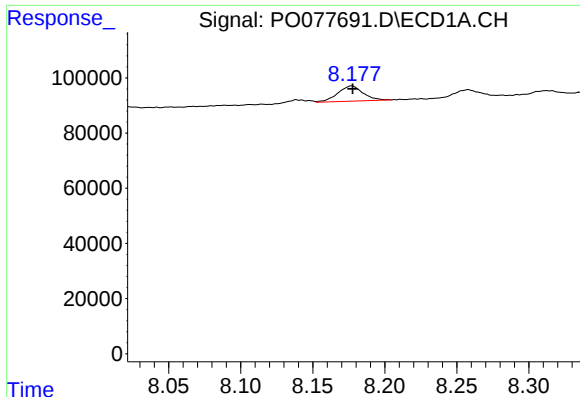
#33 AR-1260-3

R.T.: 7.950 min
Delta R.T.: -0.001 min
Response: 63357
Conc: 25.49 ng/ml



#33 AR-1260-3

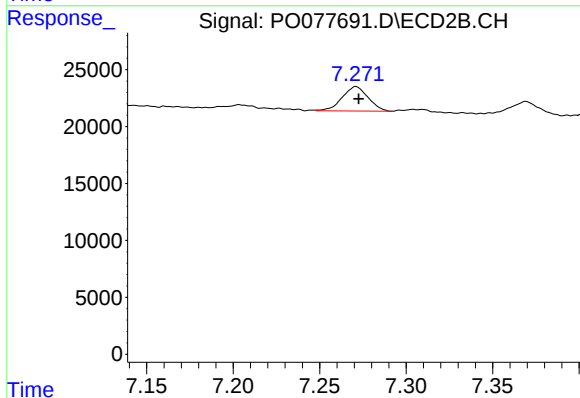
R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 32526
Conc: 29.32 ng/ml



#34 AR-1260-4

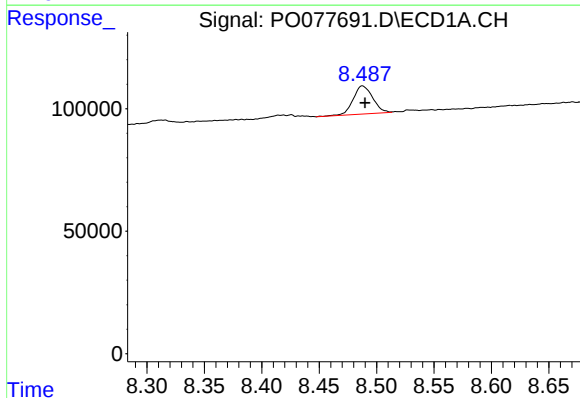
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 68150
Conc: 22.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



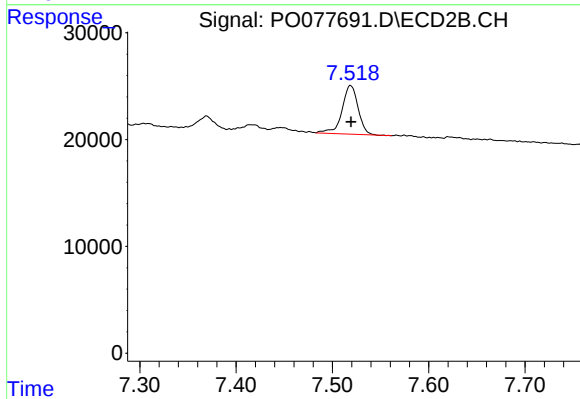
#34 AR-1260-4

R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 22236
Conc: 27.37 ng/ml



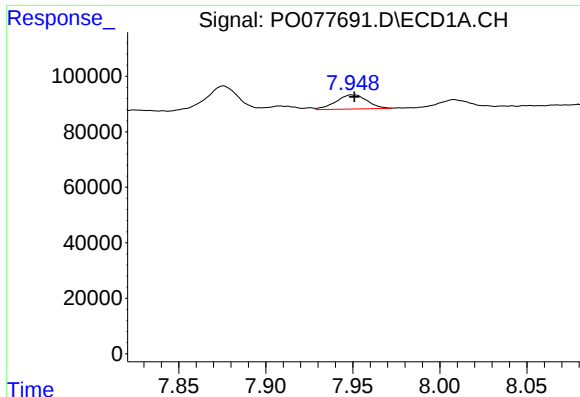
#35 AR-1260-5

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 136110
Conc: 23.69 ng/ml



#35 AR-1260-5

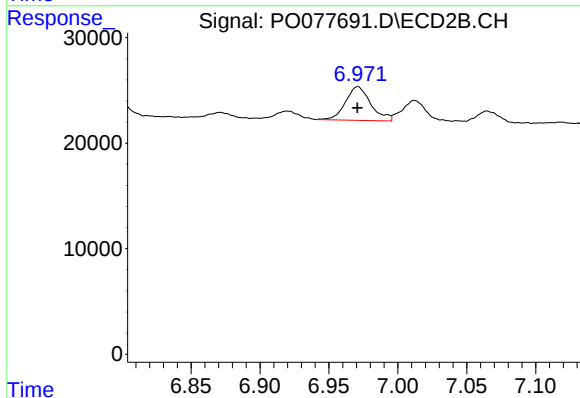
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 52532
Conc: 27.10 ng/ml



#36 AR-1262-1

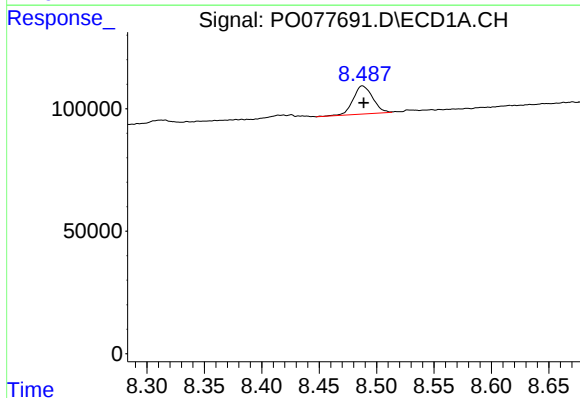
R.T.: 7.950 min
Delta R.T.: -0.001 min
Response: 63357
Conc: 16.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



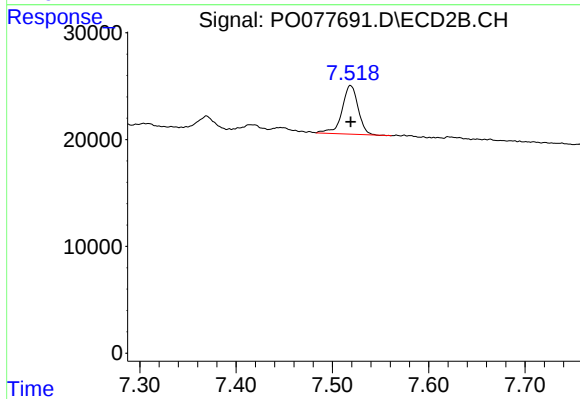
#36 AR-1262-1

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 40762
Conc: 63.09 ng/ml



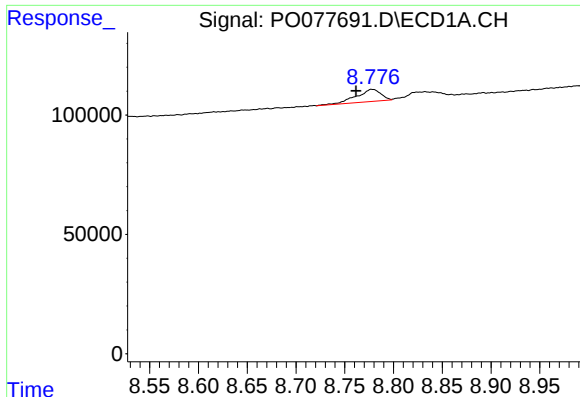
#37 AR-1262-2

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 136110
Conc: 19.77 ng/ml



#37 AR-1262-2

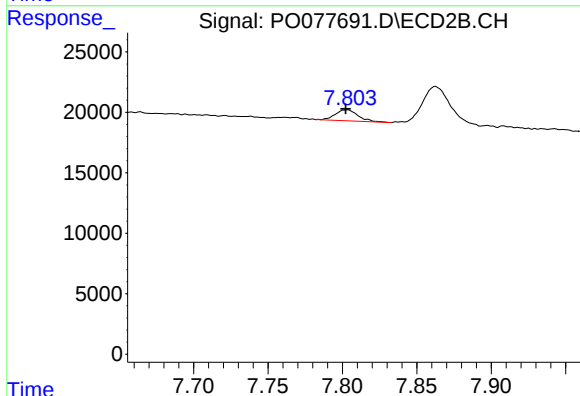
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 52532
Conc: 23.74 ng/ml



#38 AR-1262-3

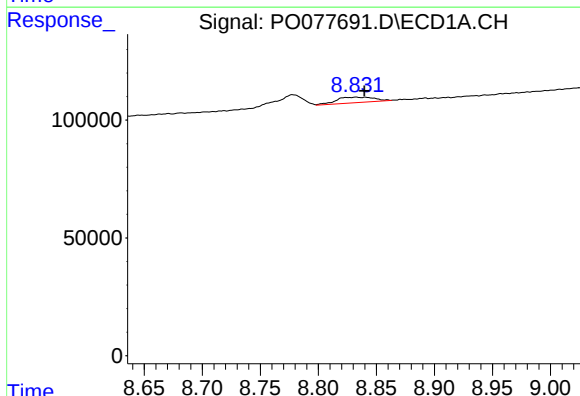
R.T.: 8.778 min
Delta R.T.: 0.016 min
Response: 89095
Conc: 19.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



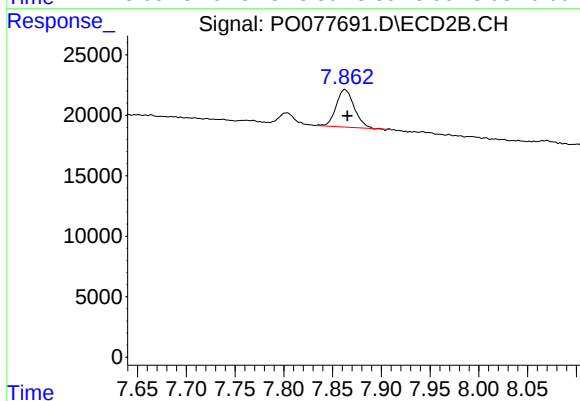
#38 AR-1262-3

R.T.: 7.803 min
Delta R.T.: 0.000 min
Response: 9843
Conc: 11.00 ng/ml



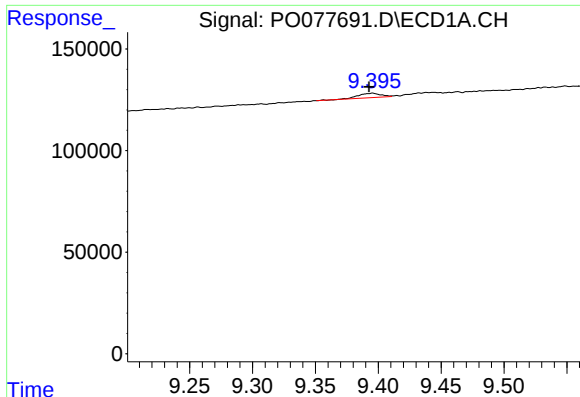
#39 AR-1262-4

R.T.: 8.833 min
Delta R.T.: -0.007 min
Response: 53005
Conc: 16.25 ng/ml



#39 AR-1262-4

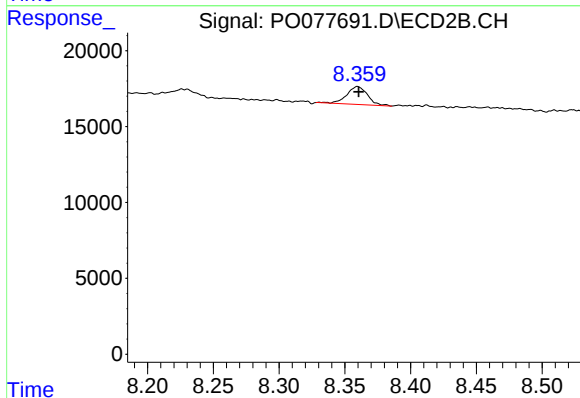
R.T.: 7.863 min
Delta R.T.: -0.003 min
Response: 40179
Conc: 24.09 ng/ml



#40 AR-1262-5

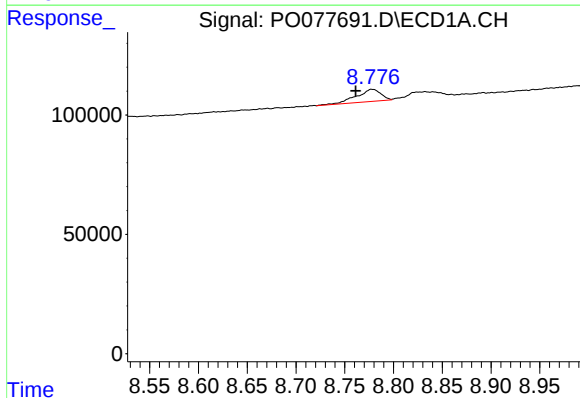
R.T.: 9.395 min
Delta R.T.: 0.003 min
Response: 28224
Conc: 12.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



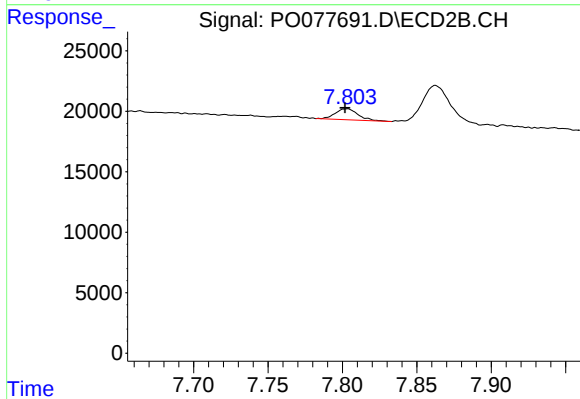
#40 AR-1262-5

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 12953
Conc: 16.08 ng/ml



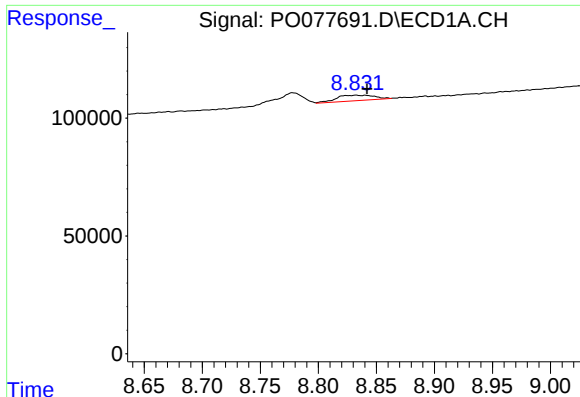
#41 AR-1268-1

R.T.: 8.778 min
Delta R.T.: 0.017 min
Response: 89095
Conc: 11.90 ng/ml



#41 AR-1268-1

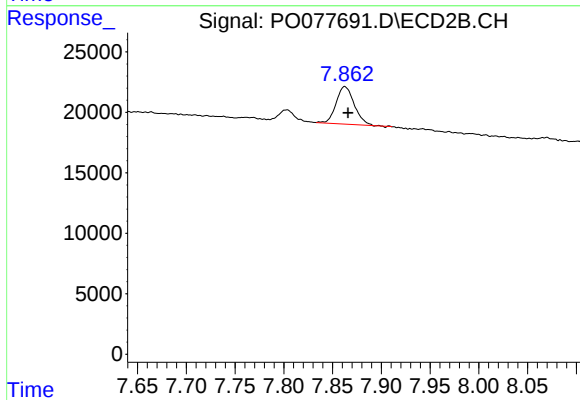
R.T.: 7.803 min
Delta R.T.: 0.001 min
Response: 9843
Conc: 4.01 ng/ml



#42 AR-1268-2

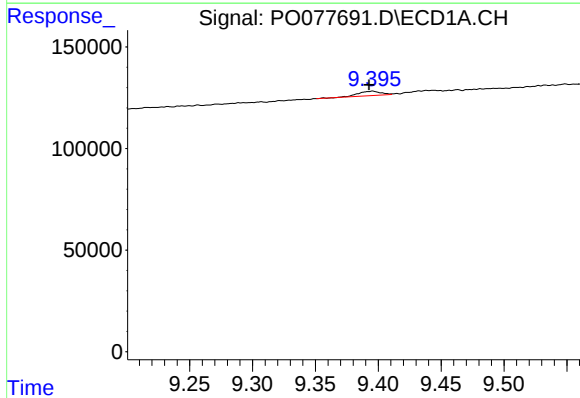
R.T.: 8.833 min
Delta R.T.: -0.009 min
Response: 53005
Conc: 7.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



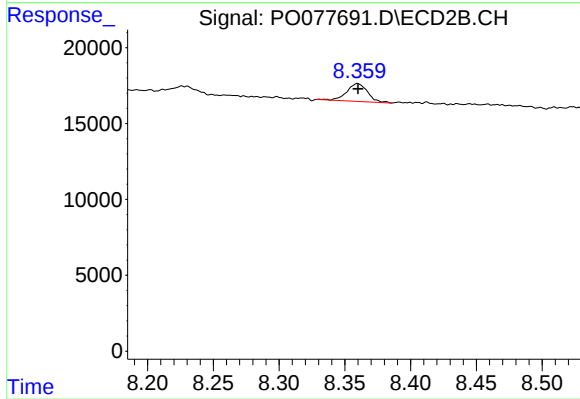
#42 AR-1268-2

R.T.: 7.863 min
Delta R.T.: -0.003 min
Response: 40179
Conc: 18.18 ng/ml



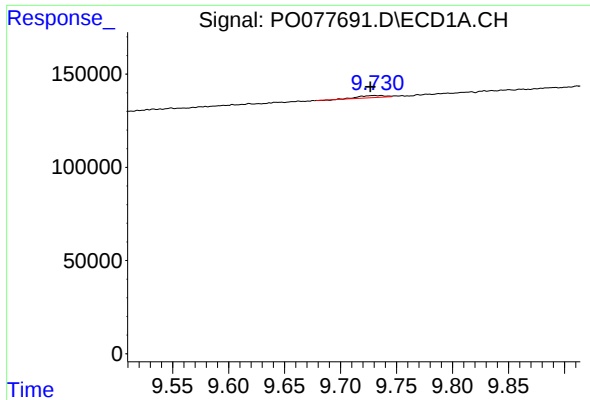
#44 AR-1268-4

R.T.: 9.395 min
Delta R.T.: 0.003 min
Response: 28224
Conc: 11.60 ng/ml



#44 AR-1268-4

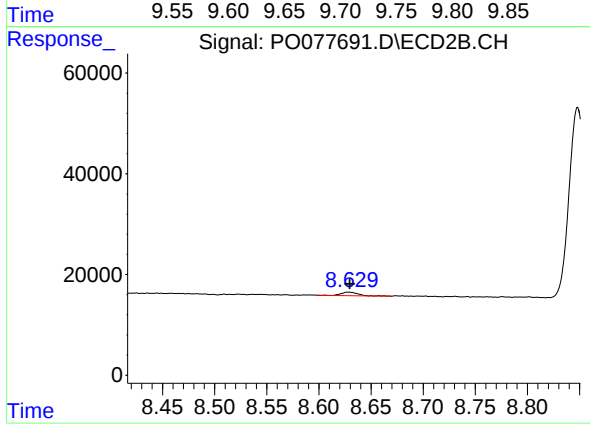
R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 12953
Conc: 15.18 ng/ml



#45 AR-1268-5

R.T.: 9.736 min
Delta R.T.: 0.009 min
Response: 17622
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.628 min
Delta R.T.: -0.001 min
Response: 7871
Conc: 1.30 ng/ml