

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022321\
 Data File : P0075689.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Feb 2021 22:54
 Operator : AJ/MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 01:14:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 23 07:07:50 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...	4.946	3.965	3881058	2603398	58.920	62.865
2)	SA Decachlor...	10.992	9.253	2564996	2294560	43.642	47.184
Target Compounds							
3)	L1 AR-1016-1	6.264	5.217	663644	583152	273.107	344.097 #
4)	L1 AR-1016-2	6.288	5.237	775873	597487	230.607	252.870
5)	L1 AR-1016-3	6.354	5.429	397661	393763	189.831	313.341 #
6)	L1 AR-1016-4	6.459	5.480	444067	803704	257.617	764.580 #
7)	L1 AR-1016-5	6.777	5.708	1076816	916149	611.136	701.104
9)	L2 AR-1221-2	5.296	4.315	68654	40384	115.210	102.627
10)	L2 AR-1221-3	5.381	4.408	73894	49980	41.700	41.731
11)	L3 AR-1232-1	5.381	4.408	73894	49980	50.208	50.700
12)	L3 AR-1232-2	5.969	5.237	306404	597487	393.681	573.498 #
13)	L3 AR-1232-3	6.288	5.429	775873	393763	525.655	706.368 #
14)	L3 AR-1232-4	6.459	5.525	444067	812034	593.142	1652.109 #
15)	L3 AR-1232-5	6.559	5.708	926533	916149	1759.109	1699.917
16)	L4 AR-1242-1	6.264	5.217	663644	583152	335.211	424.460 #
17)	L4 AR-1242-2	6.288	5.237	775873	597487	281.868	313.255
18)	L4 AR-1242-3	6.354	5.429	397661	393763	227.559	388.070 #
19)	L4 AR-1242-4	6.459	5.525	444067	812034	312.434	815.148 #
20)	L4 AR-1242-5	7.245	6.087	1165604	1444140	745.791	1090.566 #
21)	L5 AR-1248-1	6.264	5.217	663644	583152	438.781	569.780 #
22)	L5 AR-1248-2	6.559	5.480	926533	803704	463.991	556.067
23)	L5 AR-1248-3	6.777	5.525	1076816	812034	459.827	552.589
24)	L5 AR-1248-4	7.205	5.708	1233908	916149	457.345	523.476
25)	L5 AR-1248-5	7.245	6.130	1165604	1115976	438.769	602.940 #
26)	L6 AR-1254-1	7.175	6.087	1052393	1444140	401.011	530.688 #
27)	L6 AR-1254-2	7.409	6.247	1136418	568737	278.044	237.952
28)	L6 AR-1254-3	7.789	6.665	800372	744674	180.660	190.523
29)	L6 AR-1254-4	8.085	6.904	484939	483529	148.968	186.030
30)	L6 AR-1254-5	8.516	7.333	116132	127807	33.176	35.982
31)	L7 AR-1260-1	7.955	6.812	121221	450311	40.255	182.876 #
32)	L7 AR-1260-2	8.220	6.999	120136	80831	33.647	26.218
33)	L7 AR-1260-3	0.000	7.152	0	91621	N.D.	32.498 #
34)	L7 AR-1260-4	8.813	7.671f	73188	38094	22.443	15.732 #
35)	L7 AR-1260-5	0.000	7.881	0	21984	N.D.	3.729 #
36)	L8 AR-1262-1	0.000	7.333	0	127807	N.D.	62.664 #
37)	L8 AR-1262-2	0.000	7.881	0	21984	N.D.	3.280 #
39)	L8 AR-1262-4	0.000	8.231	0	37564	N.D.	7.437 #
42)	L9 AR-1268-2	0.000	8.231	0	37564	N.D.	5.355 #
45)	L9 AR-1268-5	0.000	9.009	0	19963	N.D.	1.052 #

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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

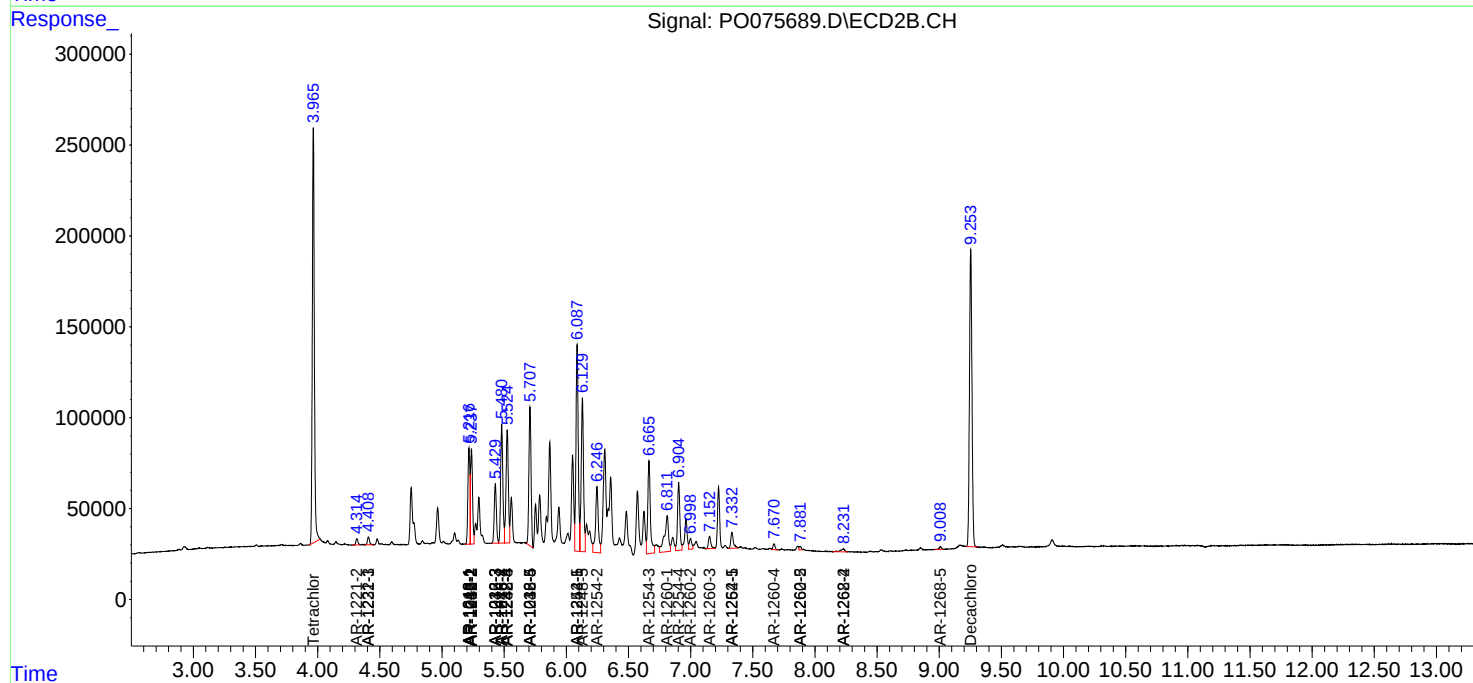
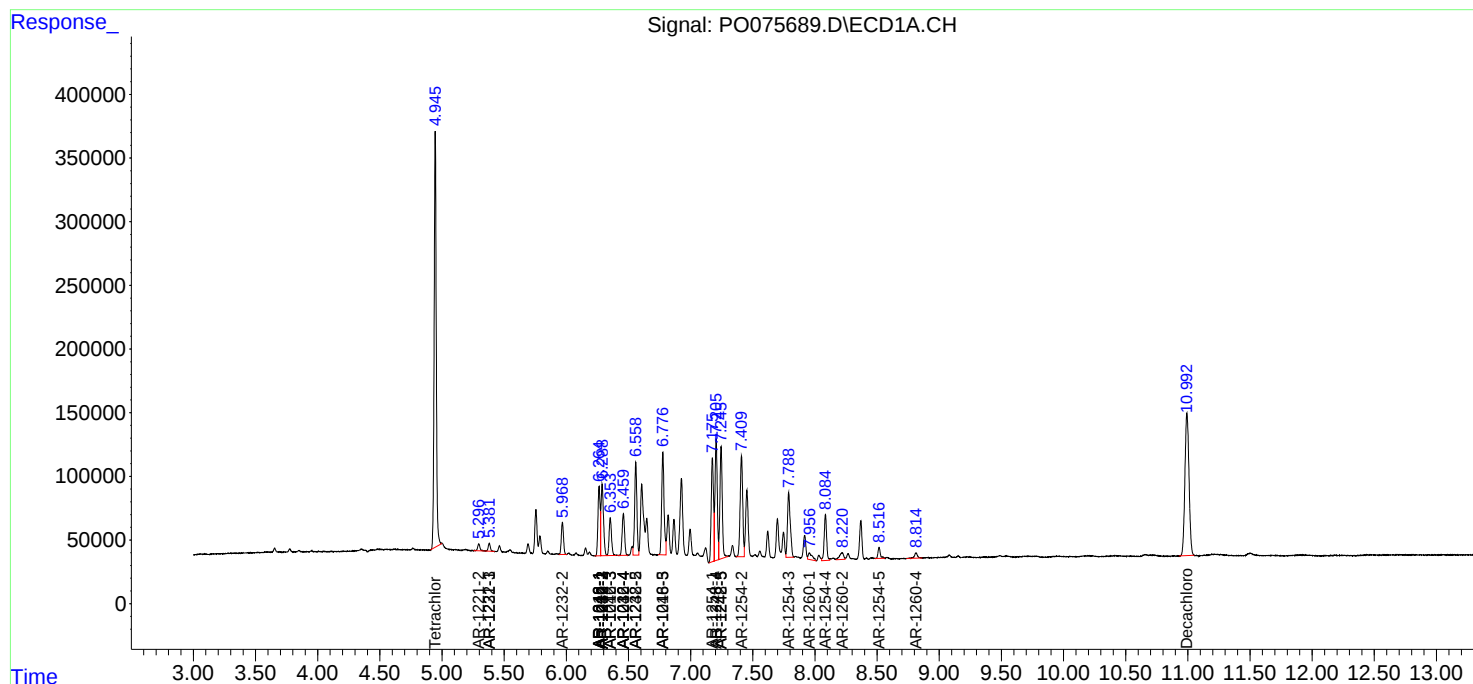
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

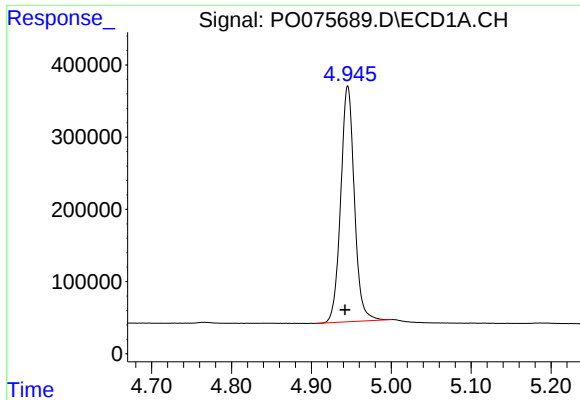
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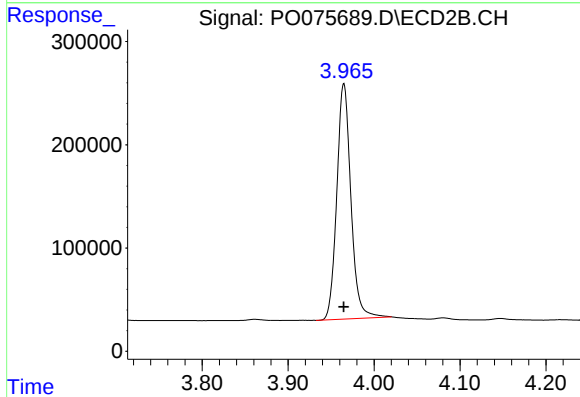




#1 Tetrachloro-m-xylene

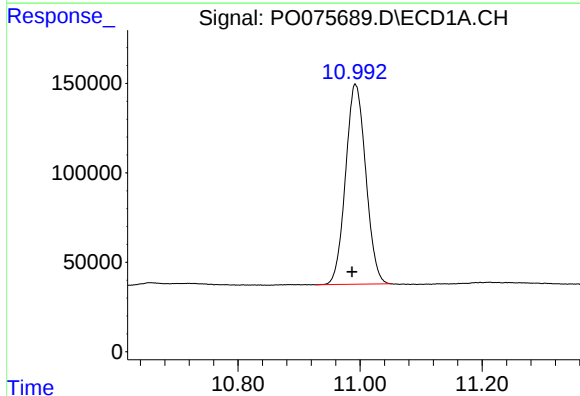
R.T.: 4.946 min
Delta R.T.: 0.004 min
Response: 3881058
Conc: 58.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



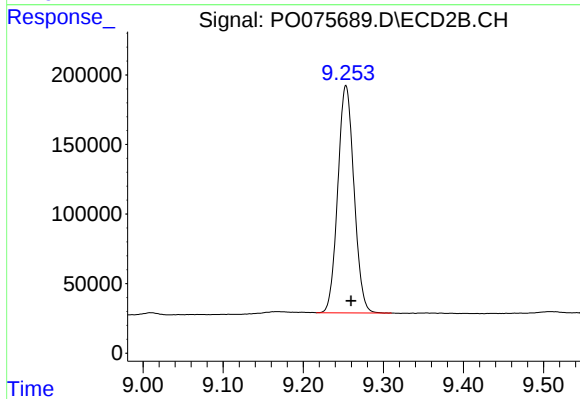
#1 Tetrachloro-m-xylene

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 2603398
Conc: 62.87 ng/ml



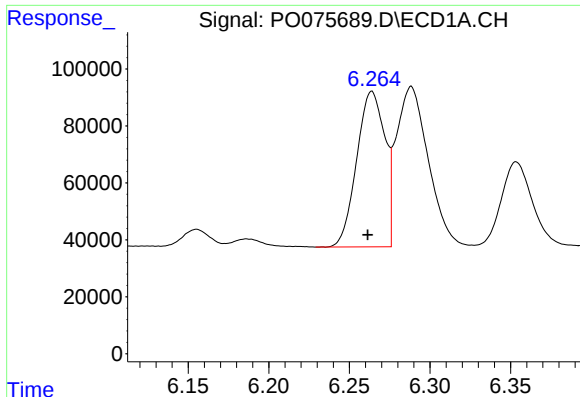
#2 Decachlorobiphenyl

R.T.: 10.992 min
Delta R.T.: 0.005 min
Response: 2564996
Conc: 43.64 ng/ml



#2 Decachlorobiphenyl

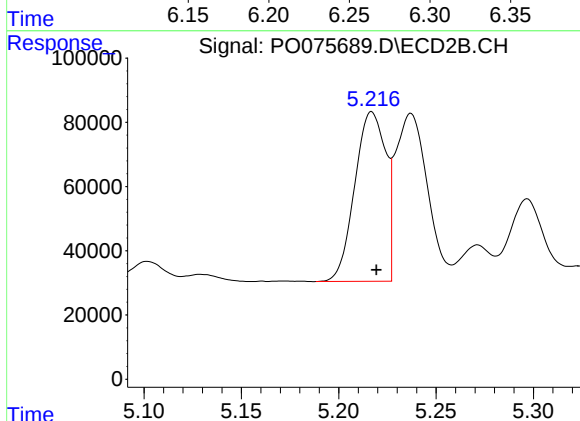
R.T.: 9.253 min
Delta R.T.: -0.006 min
Response: 2294560
Conc: 47.18 ng/ml



#3 AR-1016-1

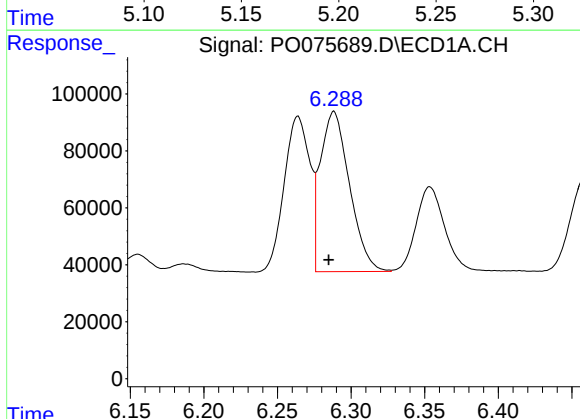
R.T.: 6.264 min
Delta R.T.: 0.003 min
Response: 663644
Conc: 273.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



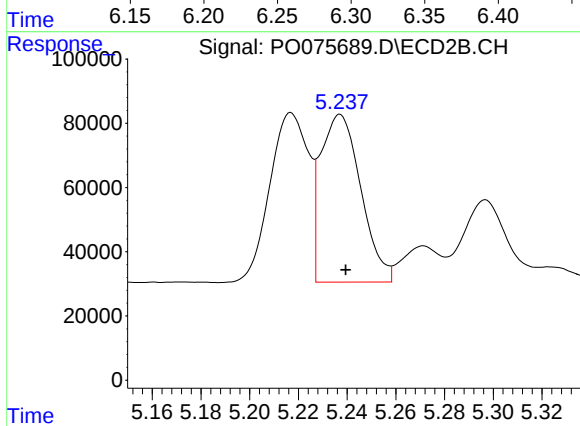
#3 AR-1016-1

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 583152
Conc: 344.10 ng/ml



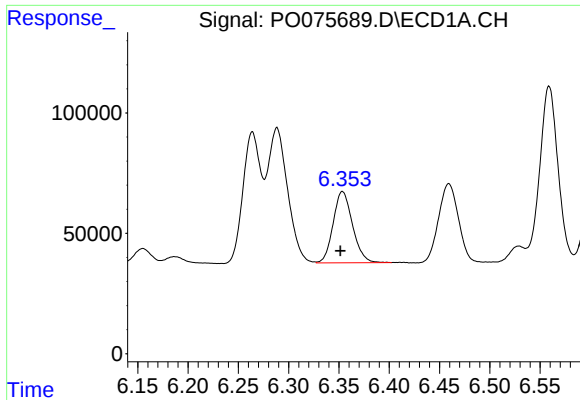
#4 AR-1016-2

R.T.: 6.288 min
Delta R.T.: 0.004 min
Response: 775873
Conc: 230.61 ng/ml



#4 AR-1016-2

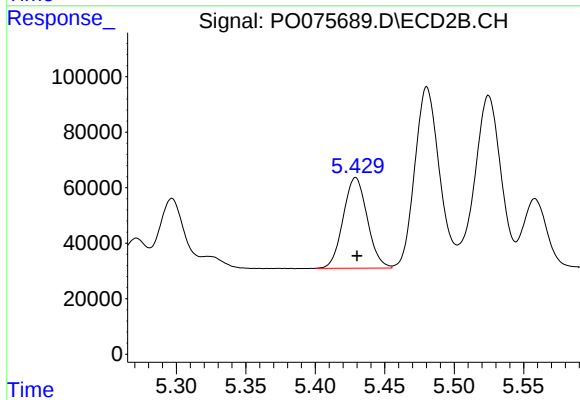
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 597487
Conc: 252.87 ng/ml



#5 AR-1016-3

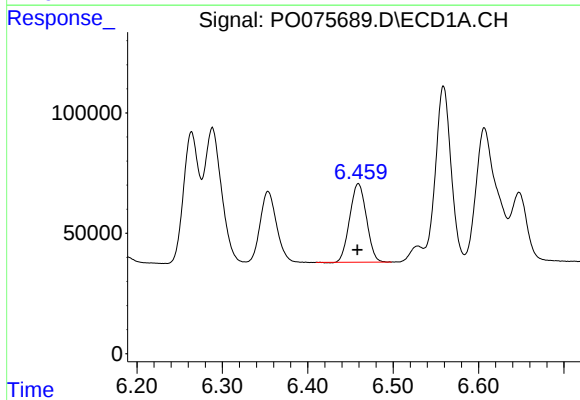
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 397661
Conc: 189.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



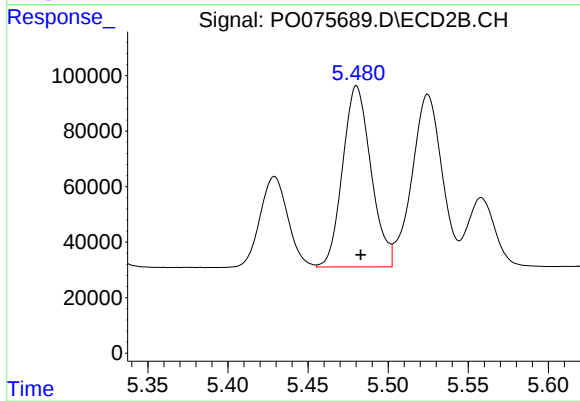
#5 AR-1016-3

R.T.: 5.429 min
Delta R.T.: -0.001 min
Response: 393763
Conc: 313.34 ng/ml



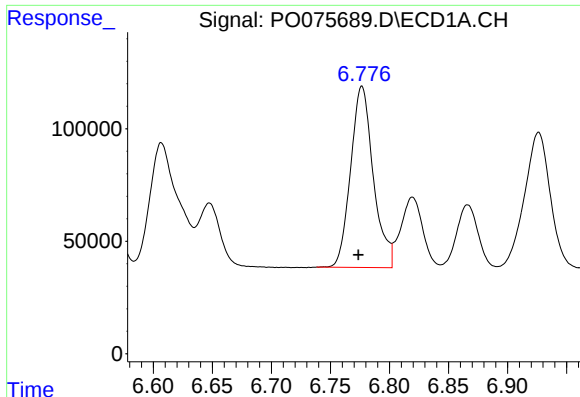
#6 AR-1016-4

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 444067
Conc: 257.62 ng/ml



#6 AR-1016-4

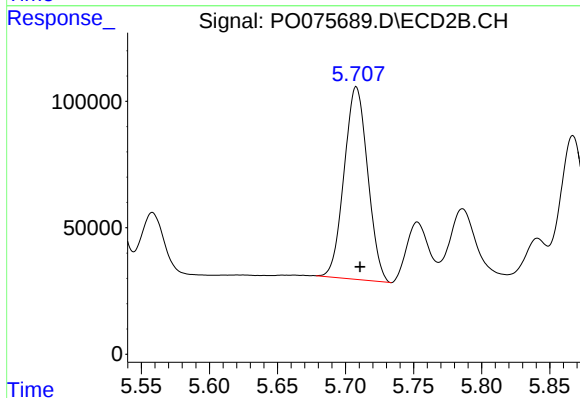
R.T.: 5.480 min
Delta R.T.: -0.002 min
Response: 803704
Conc: 764.58 ng/ml



#7 AR-1016-5

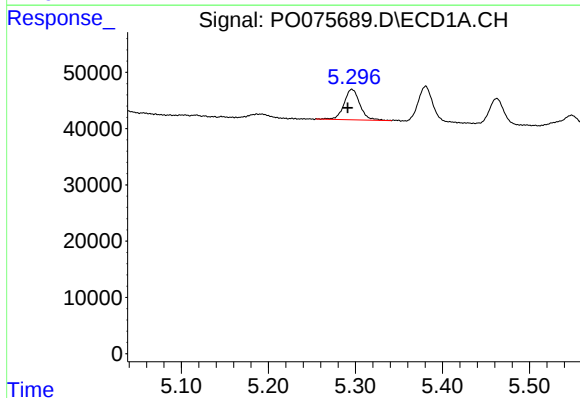
R.T.: 6.777 min
Delta R.T.: 0.003 min
Response: 1076816
Conc: 611.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



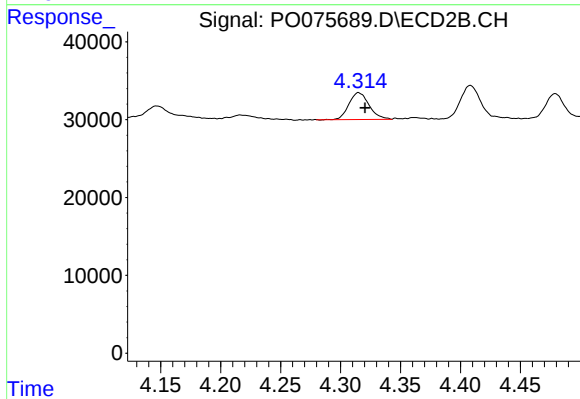
#7 AR-1016-5

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 916149
Conc: 701.10 ng/ml



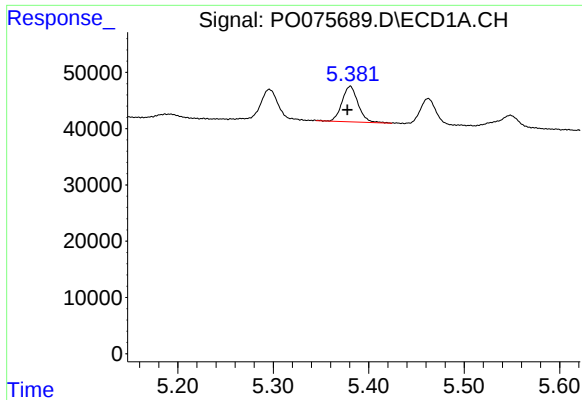
#9 AR-1221-2

R.T.: 5.296 min
Delta R.T.: 0.005 min
Response: 68654
Conc: 115.21 ng/ml



#9 AR-1221-2

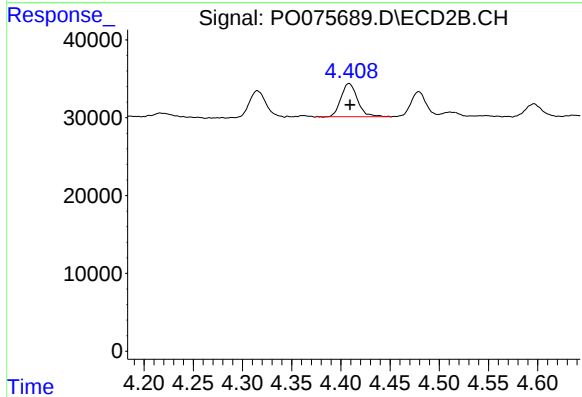
R.T.: 4.315 min
Delta R.T.: -0.005 min
Response: 40384
Conc: 102.63 ng/ml



#10 AR-1221-3

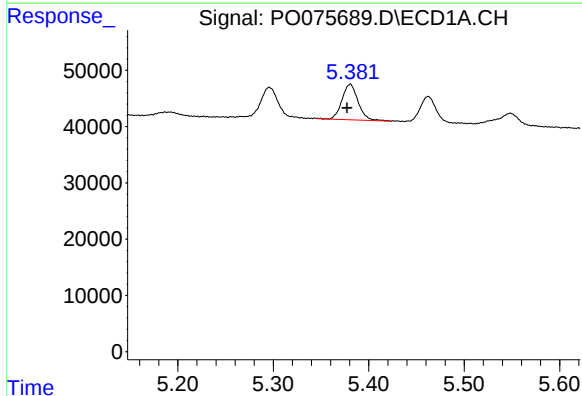
R.T.: 5.381 min
Delta R.T.: 0.003 min
Response: 73894
Conc: 41.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



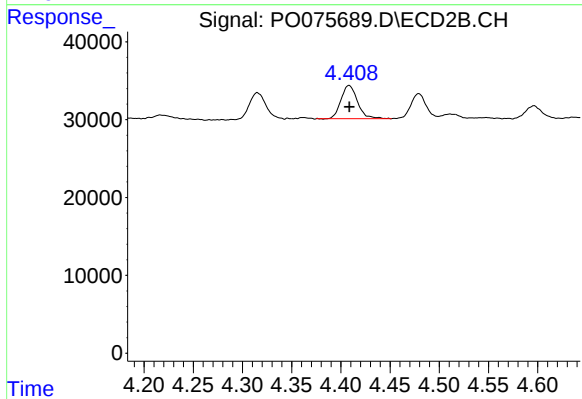
#10 AR-1221-3

R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 49980
Conc: 41.73 ng/ml



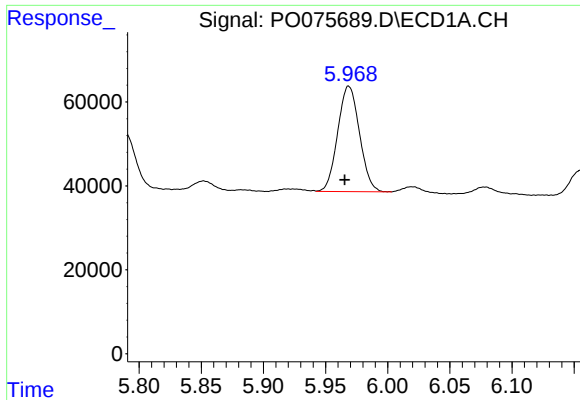
#11 AR-1232-1

R.T.: 5.381 min
Delta R.T.: 0.003 min
Response: 73894
Conc: 50.21 ng/ml



#11 AR-1232-1

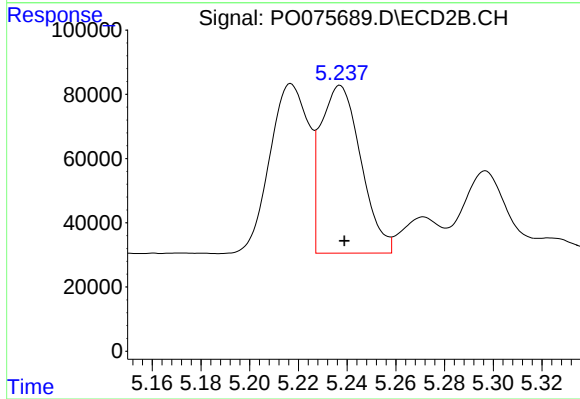
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 49980
Conc: 50.70 ng/ml



#12 AR-1232-2

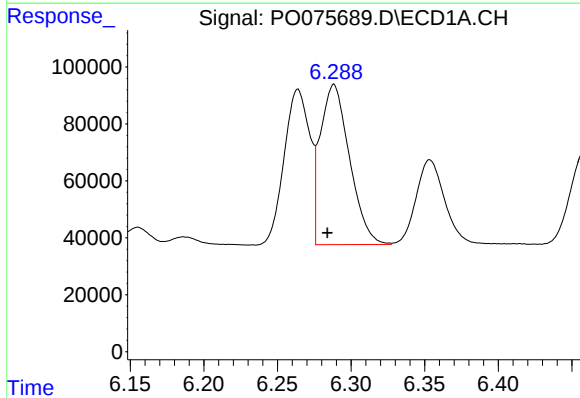
R.T.: 5.969 min
Delta R.T.: 0.003 min
Response: 306404
Conc: 393.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



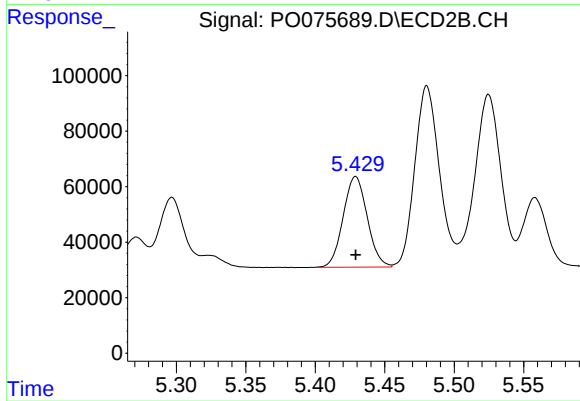
#12 AR-1232-2

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 597487
Conc: 573.50 ng/ml



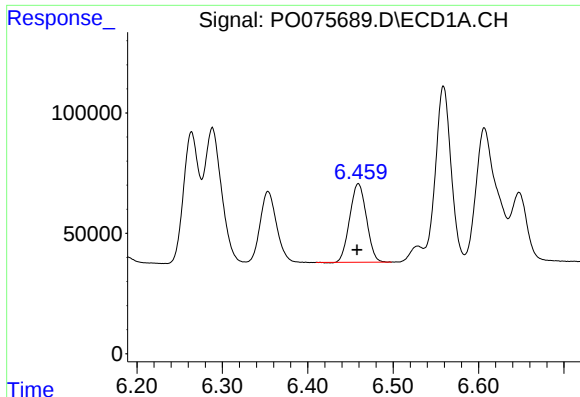
#13 AR-1232-3

R.T.: 6.288 min
Delta R.T.: 0.004 min
Response: 775873
Conc: 525.65 ng/ml



#13 AR-1232-3

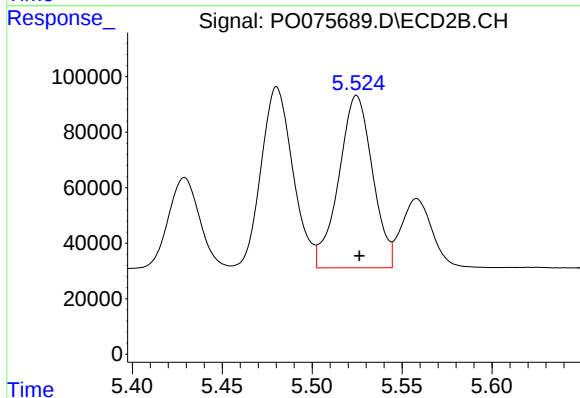
R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 393763
Conc: 706.37 ng/ml



#14 AR-1232-4

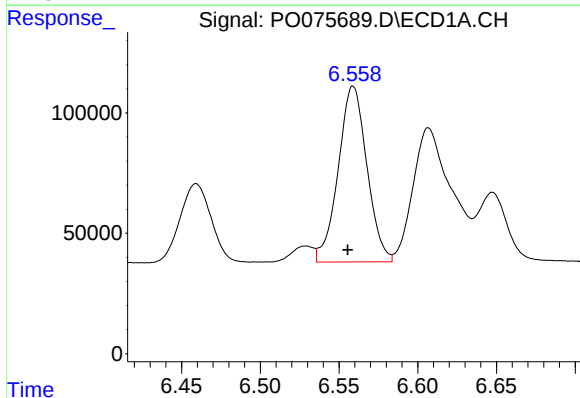
R.T.: 6.459 min
Delta R.T.: 0.002 min
Response: 444067
Conc: 593.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



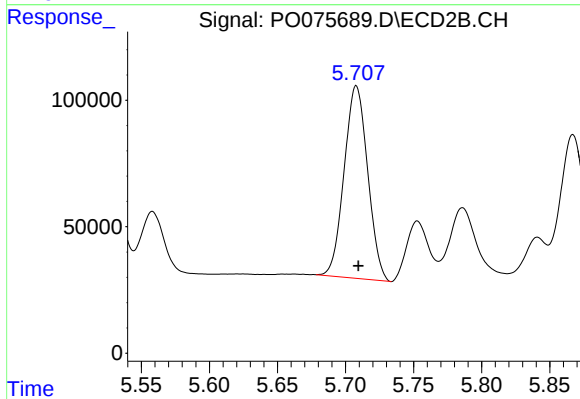
#14 AR-1232-4

R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 812034
Conc: 1652.11 ng/ml



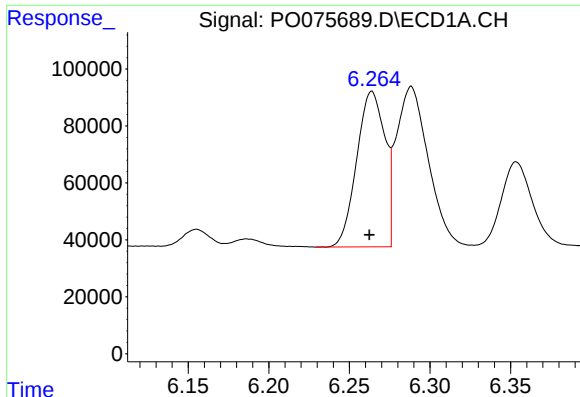
#15 AR-1232-5

R.T.: 6.559 min
Delta R.T.: 0.003 min
Response: 926533
Conc: 1759.11 ng/ml



#15 AR-1232-5

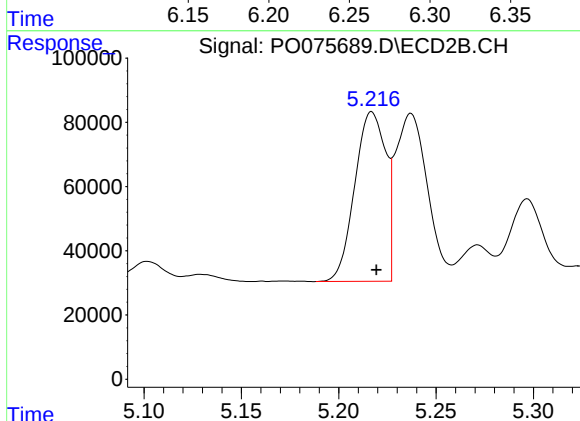
R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 916149
Conc: 1699.92 ng/ml



#16 AR-1242-1

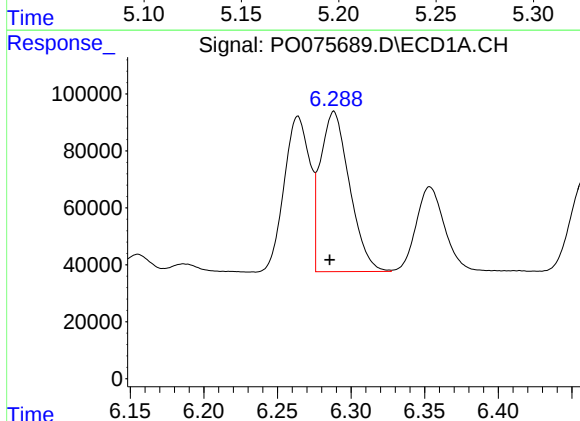
R.T.: 6.264 min
Delta R.T.: 0.002 min
Response: 663644
Conc: 335.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



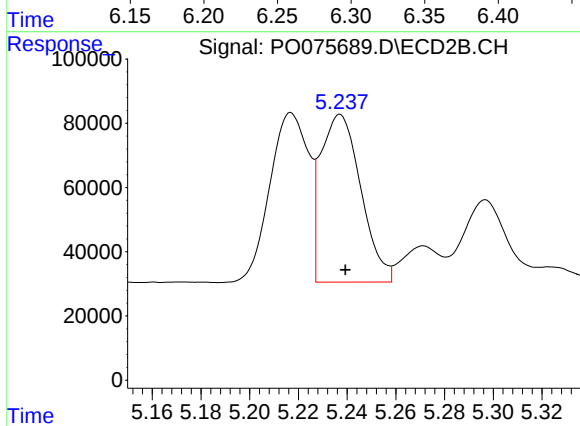
#16 AR-1242-1

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 583152
Conc: 424.46 ng/ml



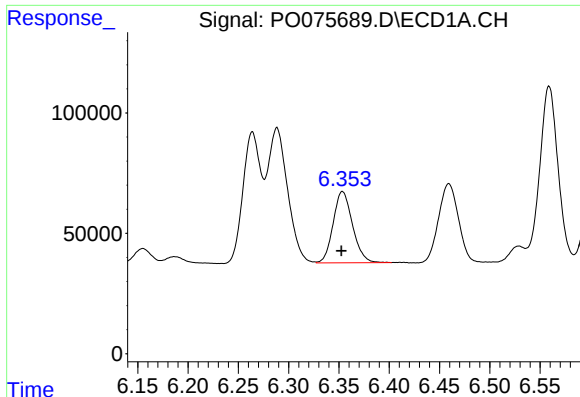
#17 AR-1242-2

R.T.: 6.288 min
Delta R.T.: 0.003 min
Response: 775873
Conc: 281.87 ng/ml



#17 AR-1242-2

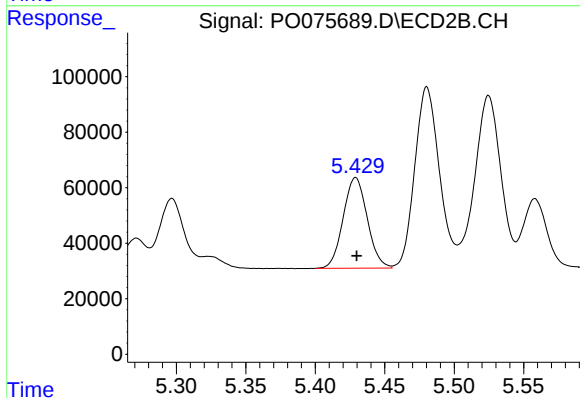
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 597487
Conc: 313.26 ng/ml



#18 AR-1242-3

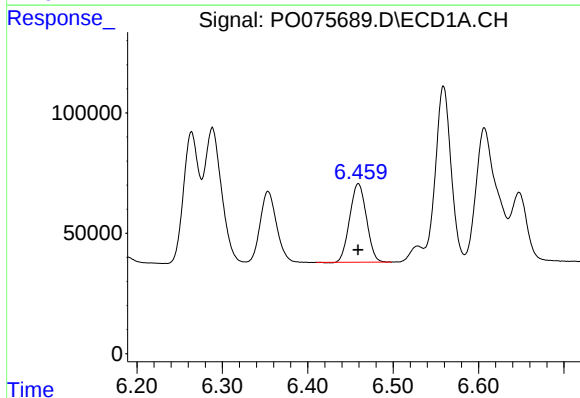
R.T.: 6.354 min
Delta R.T.: 0.001 min
Response: 397661
Conc: 227.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



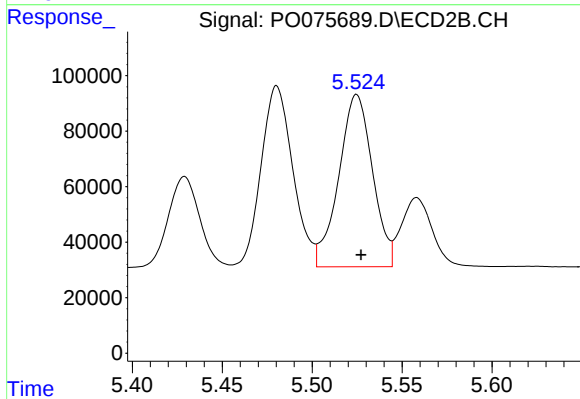
#18 AR-1242-3

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 393763
Conc: 388.07 ng/ml



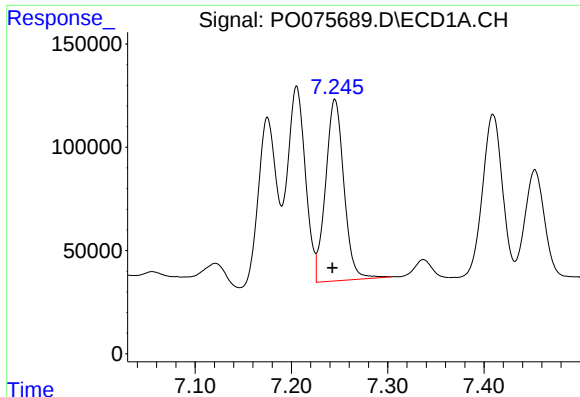
#19 AR-1242-4

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 444067
Conc: 312.43 ng/ml



#19 AR-1242-4

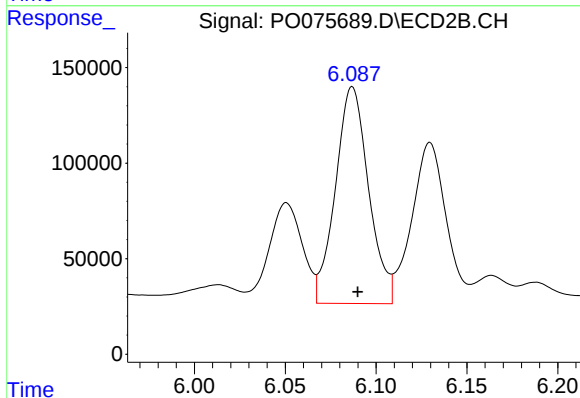
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 812034
Conc: 815.15 ng/ml



#20 AR-1242-5

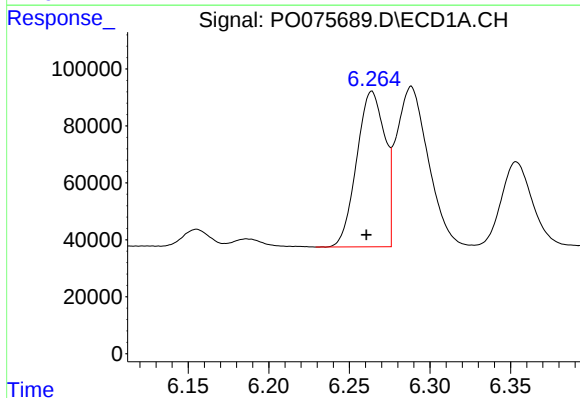
R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 1165604
Conc: 745.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



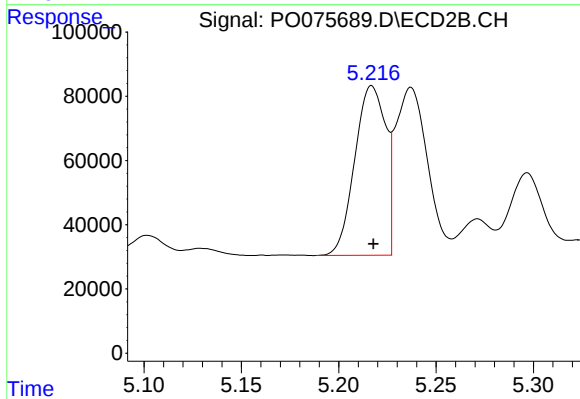
#20 AR-1242-5

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 1444140
Conc: 1090.57 ng/ml



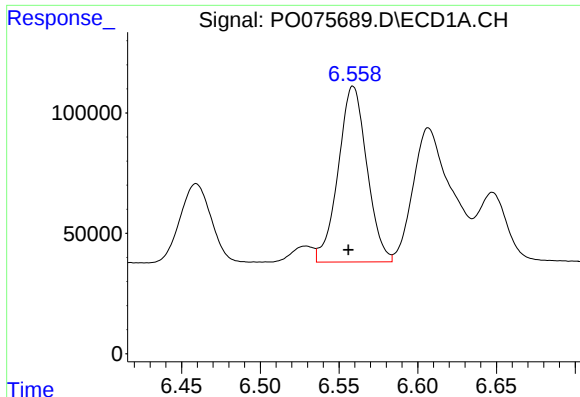
#21 AR-1248-1

R.T.: 6.264 min
Delta R.T.: 0.003 min
Response: 663644
Conc: 438.78 ng/ml



#21 AR-1248-1

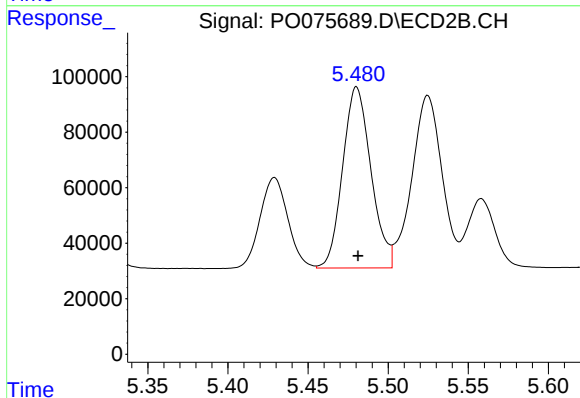
R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 583152
Conc: 569.78 ng/ml



#22 AR-1248-2

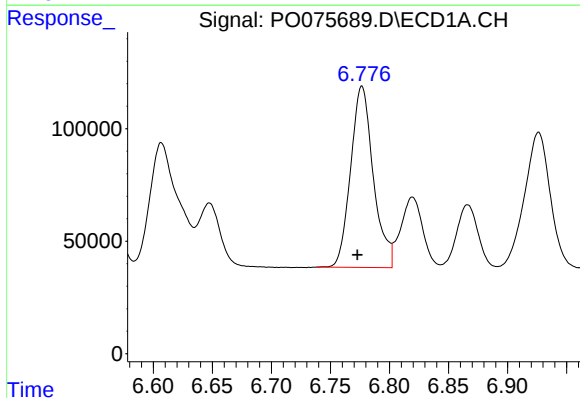
R.T.: 6.559 min
Delta R.T.: 0.003 min
Response: 926533
Conc: 463.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



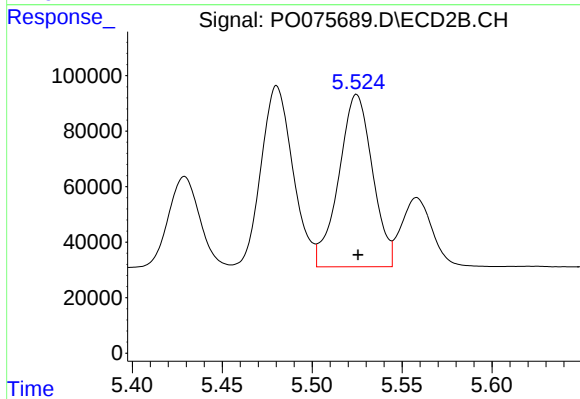
#22 AR-1248-2

R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 803704
Conc: 556.07 ng/ml



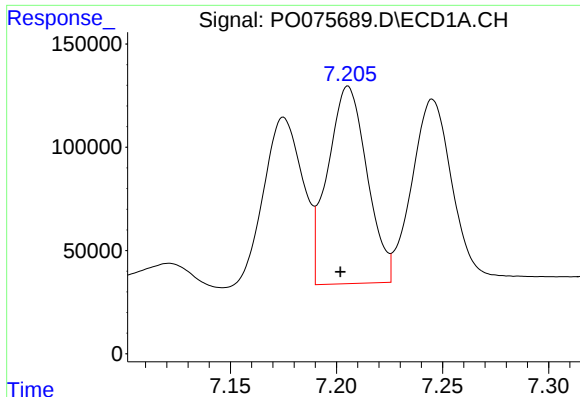
#23 AR-1248-3

R.T.: 6.777 min
Delta R.T.: 0.004 min
Response: 1076816
Conc: 459.83 ng/ml



#23 AR-1248-3

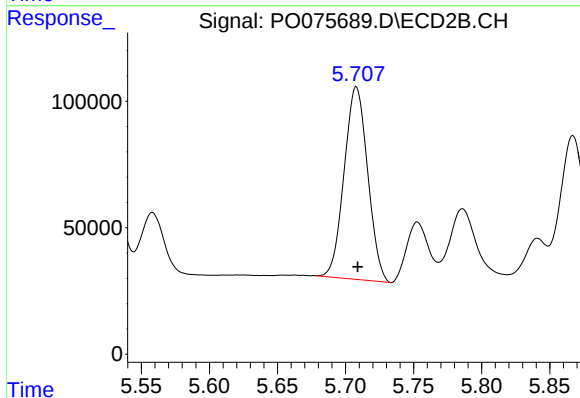
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 812034
Conc: 552.59 ng/ml



#24 AR-1248-4

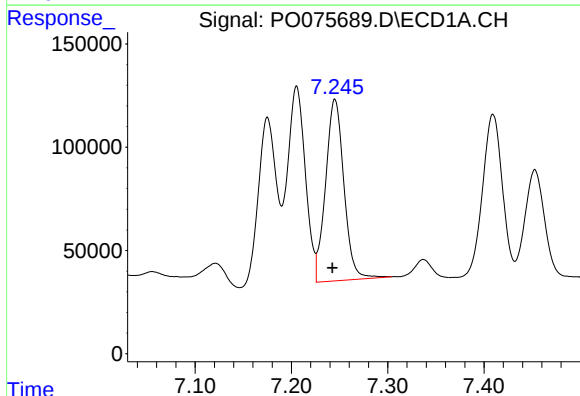
R.T.: 7.205 min
Delta R.T.: 0.004 min
Response: 1233908
Conc: 457.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



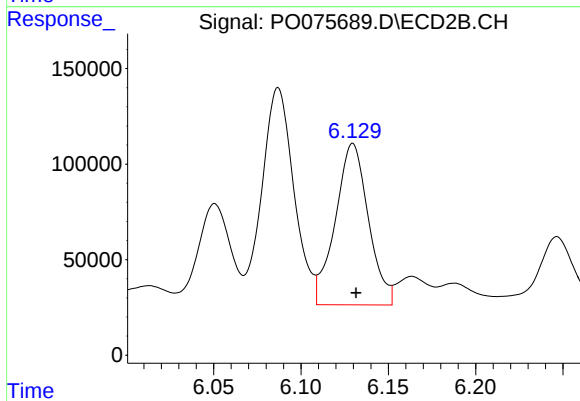
#24 AR-1248-4

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 916149
Conc: 523.48 ng/ml



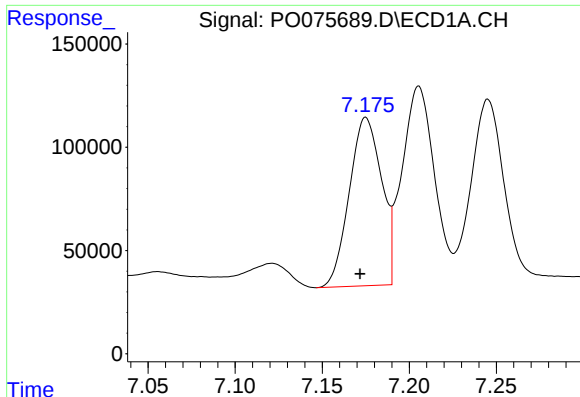
#25 AR-1248-5

R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 1165604
Conc: 438.77 ng/ml



#25 AR-1248-5

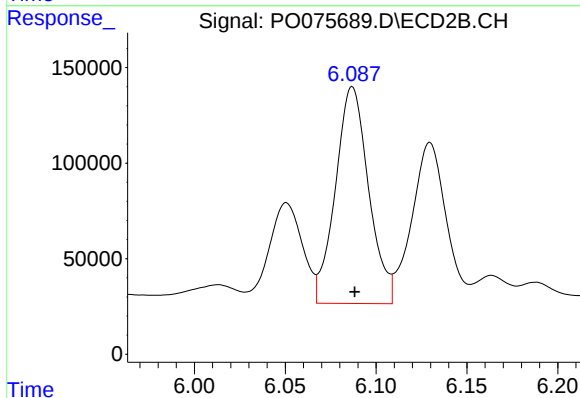
R.T.: 6.130 min
Delta R.T.: -0.002 min
Response: 1115976
Conc: 602.94 ng/ml



#26 AR-1254-1

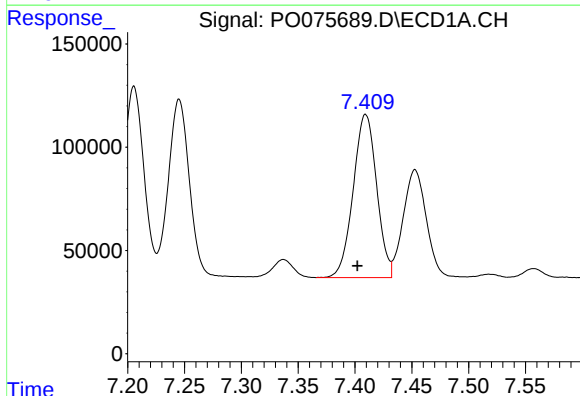
R.T.: 7.175 min
Delta R.T.: 0.003 min
Response: 1052393
Conc: 401.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



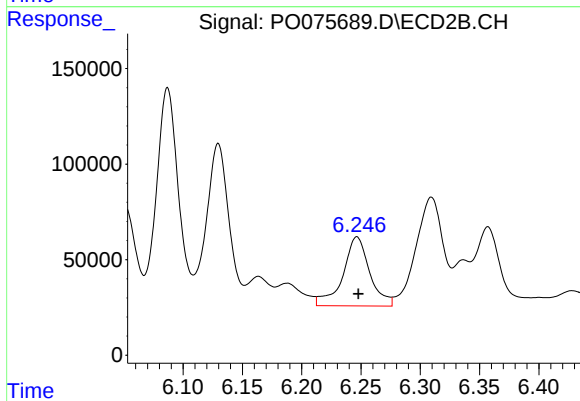
#26 AR-1254-1

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 1444140
Conc: 530.69 ng/ml



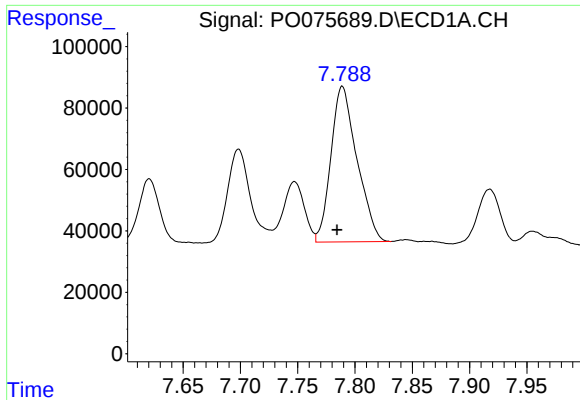
#27 AR-1254-2

R.T.: 7.409 min
Delta R.T.: 0.007 min
Response: 1136418
Conc: 278.04 ng/ml



#27 AR-1254-2

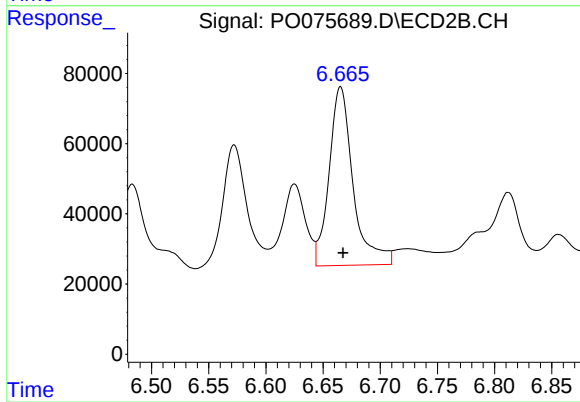
R.T.: 6.247 min
Delta R.T.: -0.001 min
Response: 568737
Conc: 237.95 ng/ml



#28 AR-1254-3

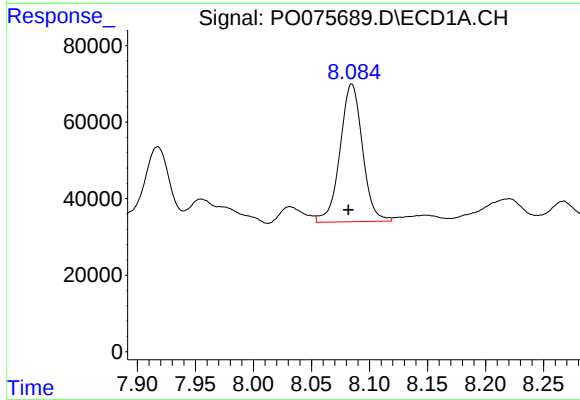
R.T.: 7.789 min
Delta R.T.: 0.005 min
Response: 800372
Conc: 180.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



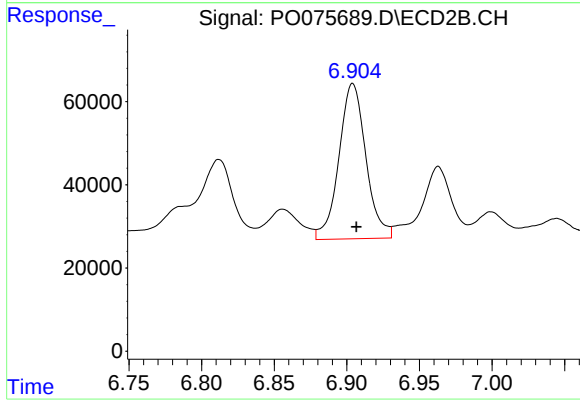
#28 AR-1254-3

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 744674
Conc: 190.52 ng/ml



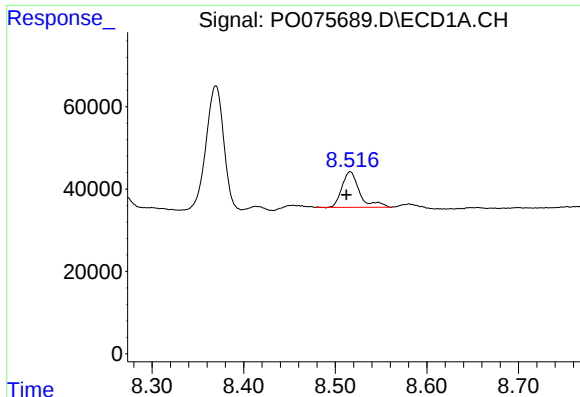
#29 AR-1254-4

R.T.: 8.085 min
Delta R.T.: 0.003 min
Response: 484939
Conc: 148.97 ng/ml



#29 AR-1254-4

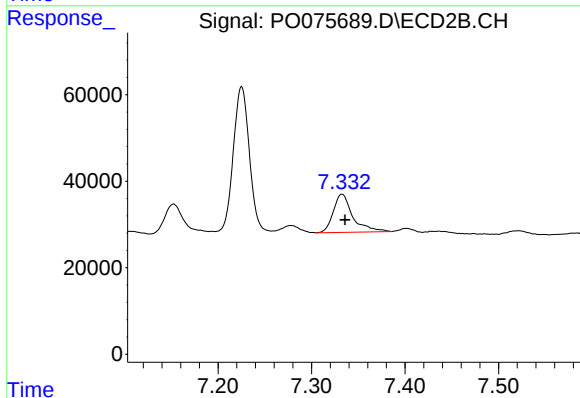
R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 483529
Conc: 186.03 ng/ml



#30 AR-1254-5

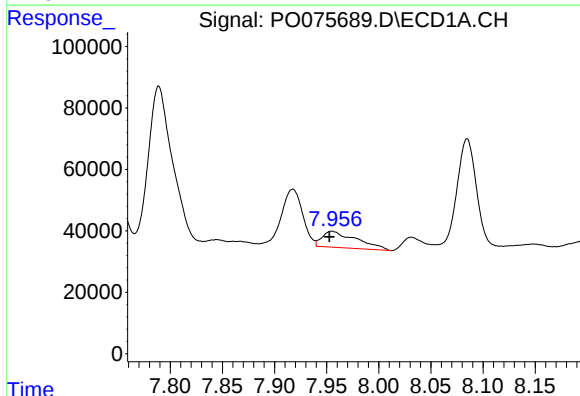
R.T.: 8.516 min
Delta R.T.: 0.004 min
Response: 116132
Conc: 33.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



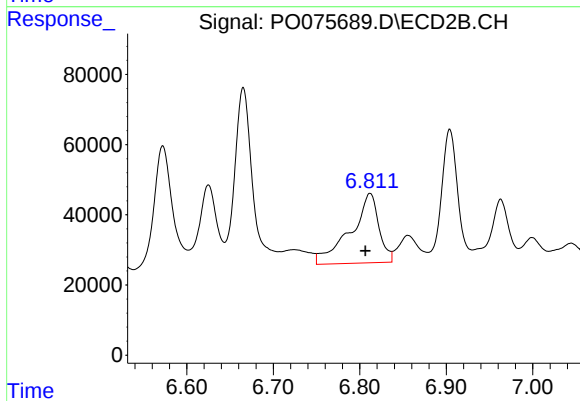
#30 AR-1254-5

R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 127807
Conc: 35.98 ng/ml



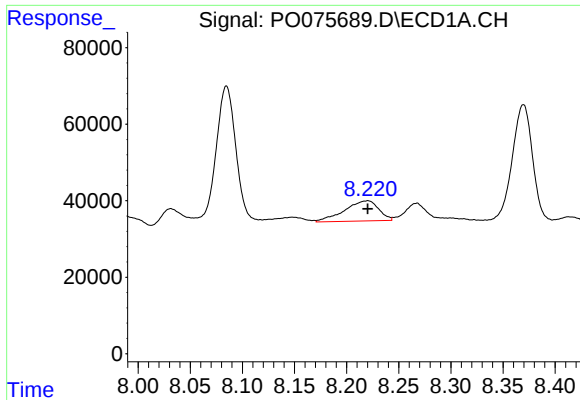
#31 AR-1260-1

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 121221
Conc: 40.26 ng/ml



#31 AR-1260-1

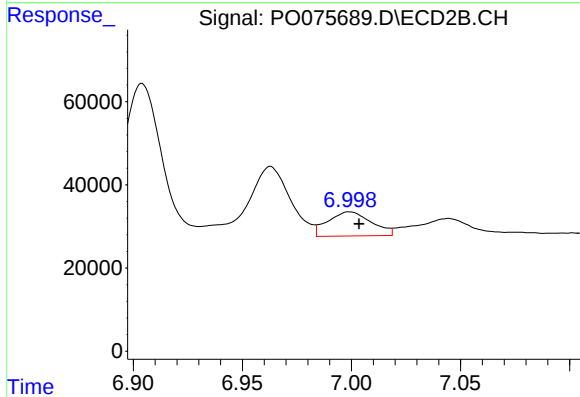
R.T.: 6.812 min
Delta R.T.: 0.005 min
Response: 450311
Conc: 182.88 ng/ml



#32 AR-1260-2

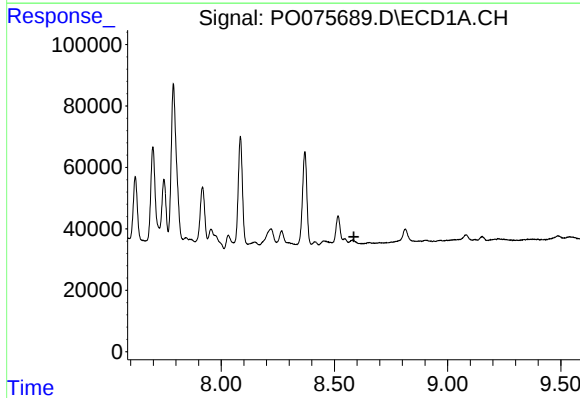
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 120136
Conc: 33.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



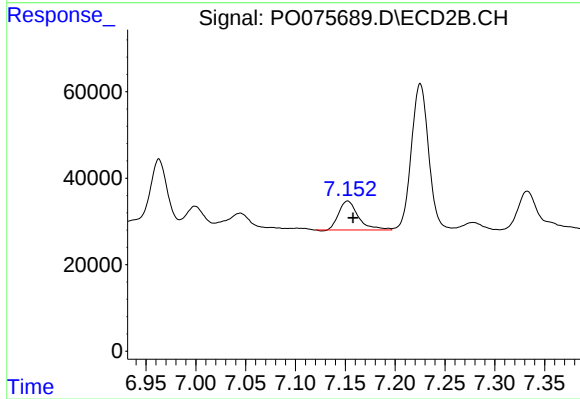
#32 AR-1260-2

R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 80831
Conc: 26.22 ng/ml



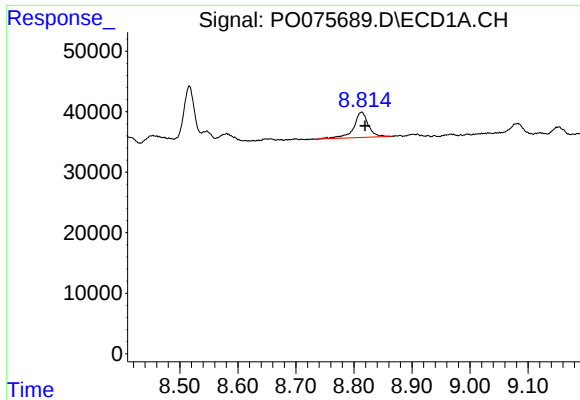
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.586 min
Response: 0
Conc: N.D.



#33 AR-1260-3

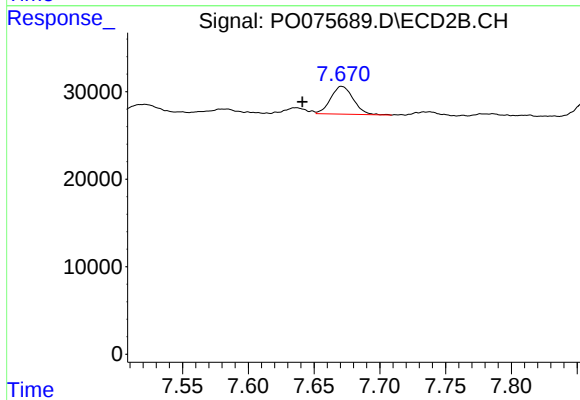
R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 91621
Conc: 32.50 ng/ml



#34 AR-1260-4

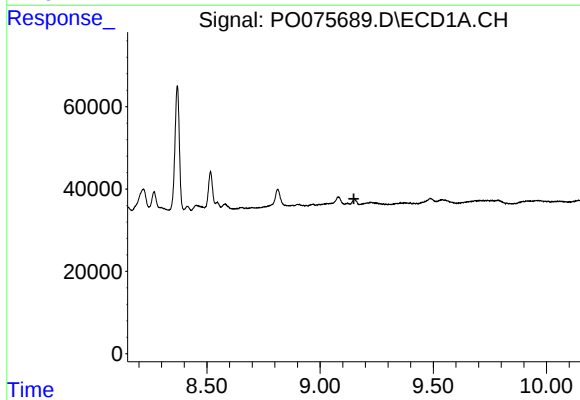
R.T.: 8.813 min
Delta R.T.: -0.006 min
Response: 73188
Conc: 22.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



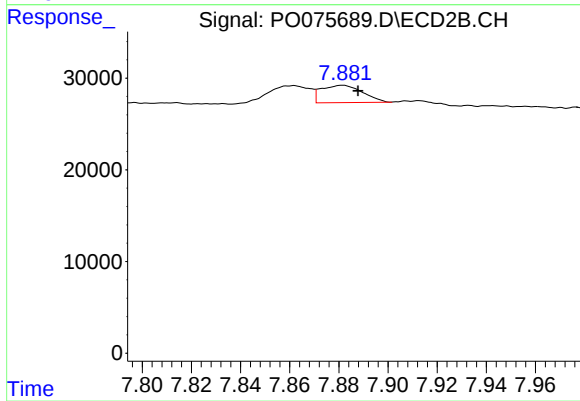
#34 AR-1260-4

R.T.: 7.671 min
Delta R.T.: 0.030 min
Response: 38094
Conc: 15.73 ng/ml



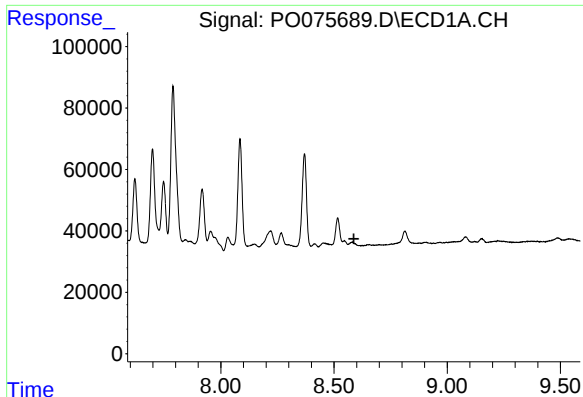
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.149 min
Response: 0
Conc: N.D.



#35 AR-1260-5

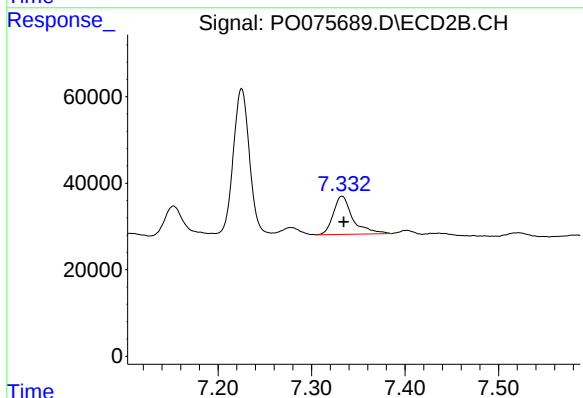
R.T.: 7.881 min
Delta R.T.: -0.006 min
Response: 21984
Conc: 3.73 ng/ml



#36 AR-1262-1

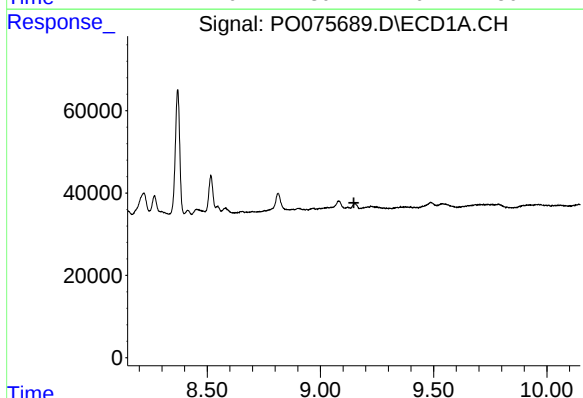
R.T.: 0.000 min
Exp R.T.: 8.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



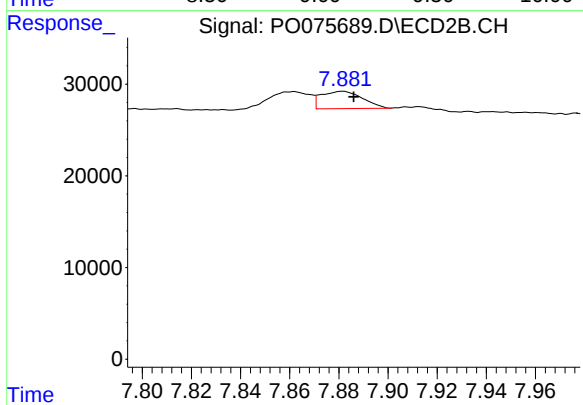
#36 AR-1262-1

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 127807
Conc: 62.66 ng/ml



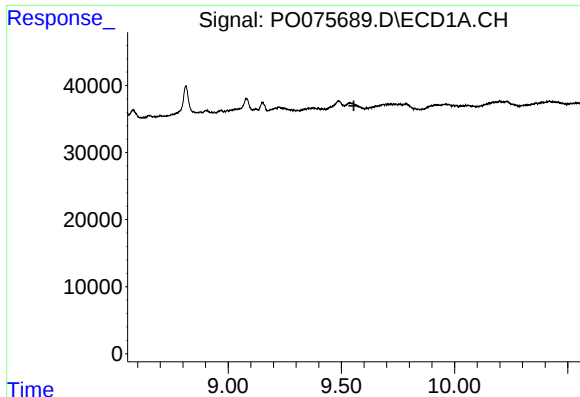
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 9.148 min
Response: 0
Conc: N.D.



#37 AR-1262-2

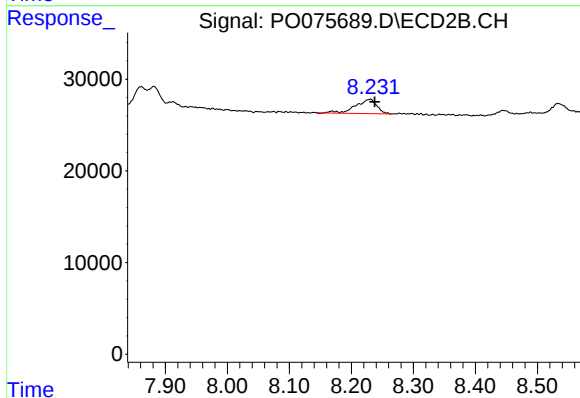
R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 21984
Conc: 3.28 ng/ml



#39 AR-1262-4

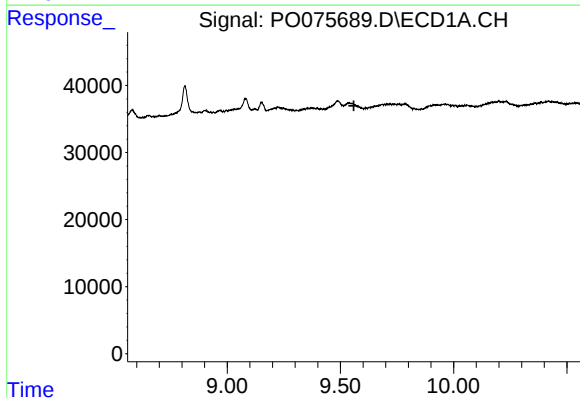
R.T.: 0.000 min
Exp R.T.: 9.555 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



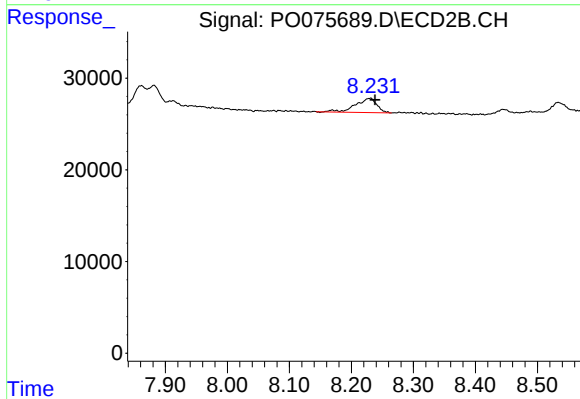
#39 AR-1262-4

R.T.: 8.231 min
Delta R.T.: -0.007 min
Response: 37564
Conc: 7.44 ng/ml



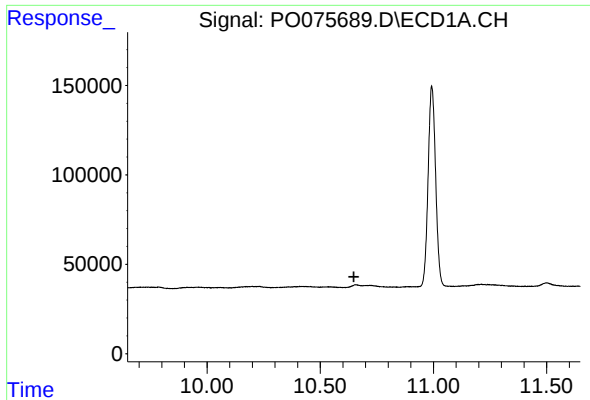
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.559 min
Response: 0
Conc: N.D.



#42 AR-1268-2

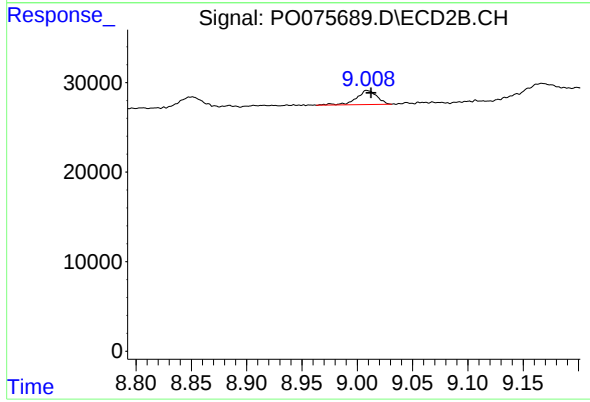
R.T.: 8.231 min
Delta R.T.: -0.007 min
Response: 37564
Conc: 5.35 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.009 min
Delta R.T.: -0.004 min
Response: 19963
Conc: 1.05 ng/ml