

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056570.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2019 16:52
 Operator : SM/SJ
 Sample : K3019-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:27:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 2019
 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...	4.255	3.572	757971	632543	19.799	19.180
2)	SA Decachlor...	9.835	8.511	784017	532785	15.973	14.942
Target Compounds							
3)	L1 AR-1016-1	5.416	4.642	198577	139830	110.405	111.110
4)	L1 AR-1016-2	5.438	4.661	287067	199421	114.321	110.690
5)	L1 AR-1016-3	5.499	4.835	176669	106096	109.917	107.609
6)	L1 AR-1016-4	5.597	4.876	139337	88972	106.218	107.475
7)	L1 AR-1016-5	5.889	5.087	144761	112392	104.777	104.773
9)	L2 AR-1221-2	0.000	3.868	0	24878	N.D.	66.012 #
10)	L2 AR-1221-3	4.627	3.942	90200	66540	61.026	55.587
11)	L3 AR-1232-1	4.627	3.942	90200	66540	76.545	74.068
12)	L3 AR-1232-2	5.150	4.661	131747	199421	198.702	205.191
13)	L3 AR-1232-3	5.438	4.835	287067	106096	202.353	202.748
14)	L3 AR-1232-4	5.597	4.916	139337	105609	197.942	214.354
15)	L3 AR-1232-5	5.687	5.087	133491	112392	236.105	199.540
16)	L4 AR-1242-1	5.416	4.642	198577	139830	115.104	112.895
17)	L4 AR-1242-2	5.438	4.661	287067	199421	113.073	110.887
18)	L4 AR-1242-3	5.499	4.835	176669	106096	108.651	107.920
19)	L4 AR-1242-4	5.597	4.916	139337	105609	104.237	108.529
20)	L4 AR-1242-5	6.262	5.434	133245	87867	80.751	74.320
21)	L5 AR-1248-1	5.416	4.642	198577	139830	154.113	149.308
22)	L5 AR-1248-2	5.687	4.876	133491	88972	71.658	70.032
23)	L5 AR-1248-3	5.889	4.916	144761	105609	70.568	80.871
24)	L5 AR-1248-4	6.262	5.087	133245	112392	57.590	70.971
25)	L5 AR-1248-5	6.262	5.434	133245	87867	60.583	53.089
26)	L6 AR-1254-1	6.262	5.434	133245	87867	48.404	33.223 #
27)	L6 AR-1254-2	6.479	5.580	127619	87648	32.857	40.657
28)	L6 AR-1254-3	6.845	5.994	77586	160000	18.816	43.703 #
29)	L6 AR-1254-4	7.128	6.237	44247	51528	14.701	23.455 #
30)	L6 AR-1254-5	7.545	6.621	415013	286052	110.210	90.231
31)	L7 AR-1260-1	7.006	6.108	285121	219144	111.107	109.551
32)	L7 AR-1260-2	7.262	6.296	332282	261240	109.876	105.981
33)	L7 AR-1260-3	7.619	6.447	199858	238622	82.961	106.374 #
34)	L7 AR-1260-4	7.843	6.915	235807	165984	90.030	89.190
35)	L7 AR-1260-5	8.152	7.156	389848	374293	81.523	86.796
36)	L8 AR-1262-1	7.619	6.657	199858	202233	42.733	48.450
37)	L8 AR-1262-2	8.152	7.156	389848	374293	51.136	54.477
38)	L8 AR-1262-3	8.461	7.436	259043	84859	49.497	28.732 #
39)	L8 AR-1262-4	8.512	7.500	152029	261291	35.612	50.146 #
40)	L8 AR-1262-5	9.146	7.993	93179	69676	33.912	30.005
41)	L9 AR-1268-1	8.461	7.436	259043	84859	31.833	11.367 #
42)	L9 AR-1268-2	8.512	7.500	152029	261291	18.793	37.418 #

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 ALS Vial : 11 Sample Multiplier: 1

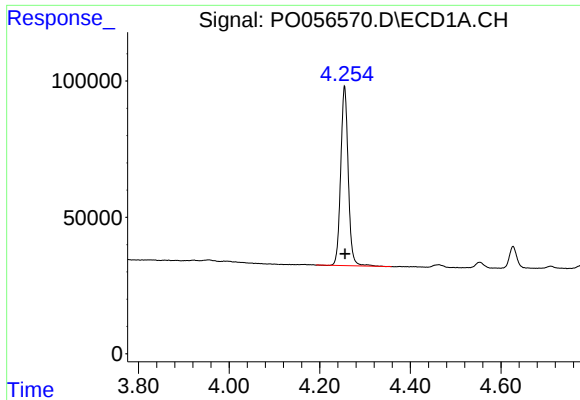
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.146	7.993	93179	69676	34.168	29.849
45) L9	AR-1268-5	0.000	8.270	0	21123	N.D.	1.220 #

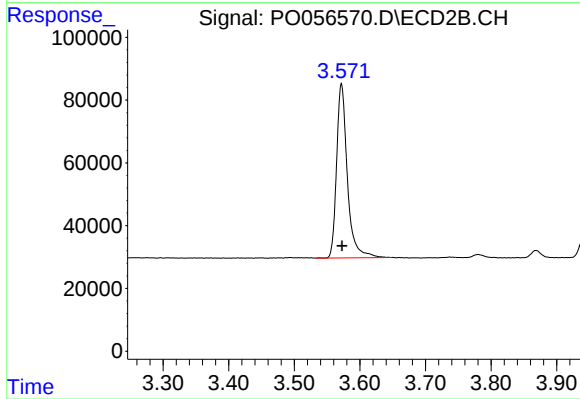
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

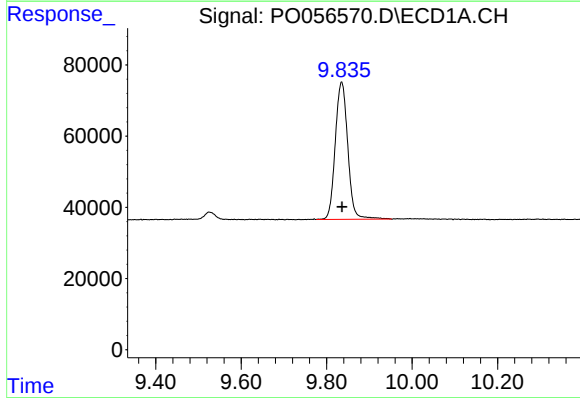
R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 757971
Conc: 19.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



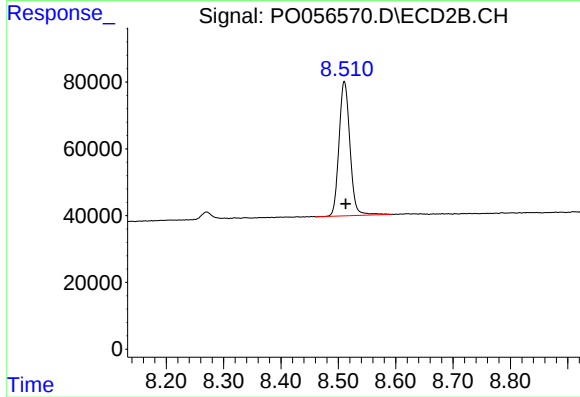
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.001 min
Response: 632543
Conc: 19.18 ng/ml



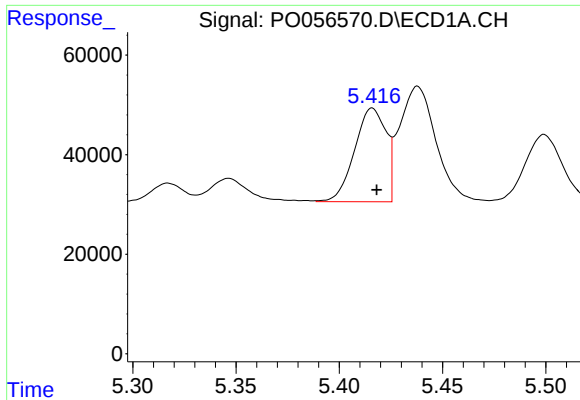
#2 Decachlorobiphenyl

R.T.: 9.835 min
Delta R.T.: -0.001 min
Response: 784017
Conc: 15.97 ng/ml



#2 Decachlorobiphenyl

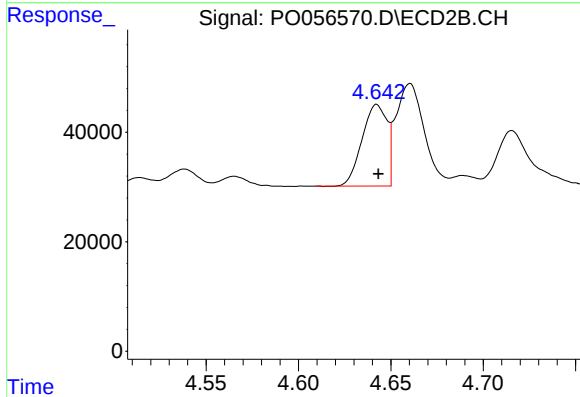
R.T.: 8.511 min
Delta R.T.: -0.003 min
Response: 532785
Conc: 14.94 ng/ml



#3 AR-1016-1

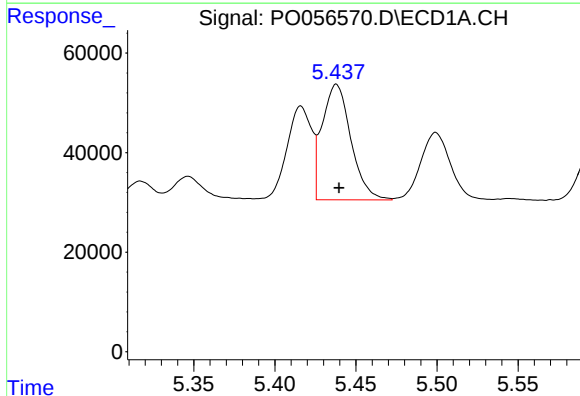
R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 198577
Conc: 110.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



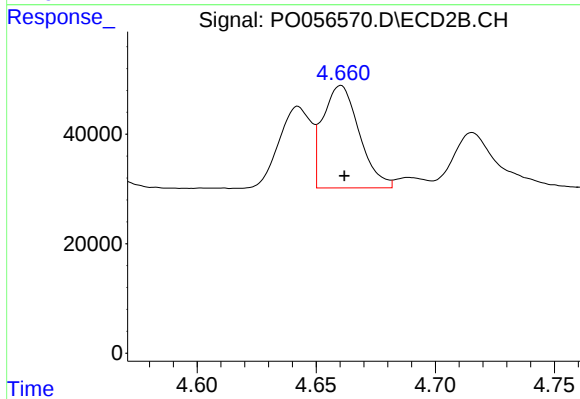
#3 AR-1016-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 139830
Conc: 111.11 ng/ml



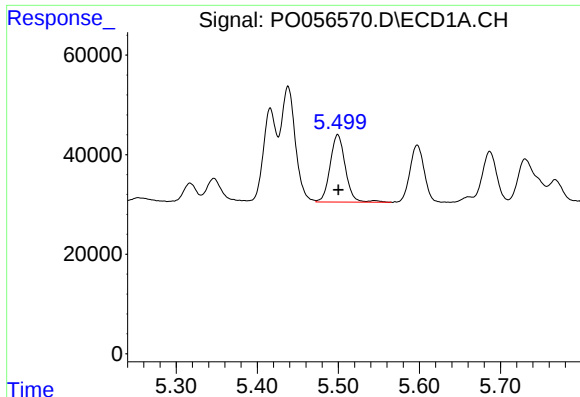
#4 AR-1016-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 287067
Conc: 114.32 ng/ml



#4 AR-1016-2

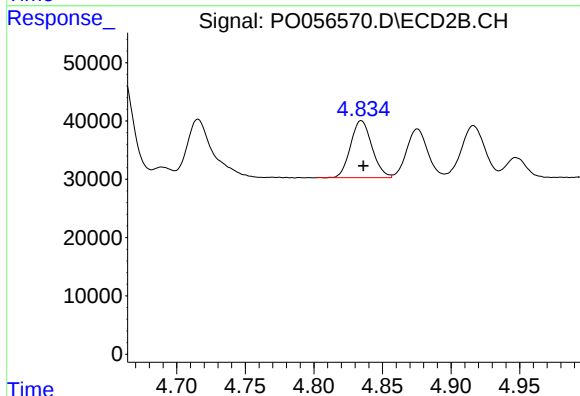
R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 199421
Conc: 110.69 ng/ml



#5 AR-1016-3

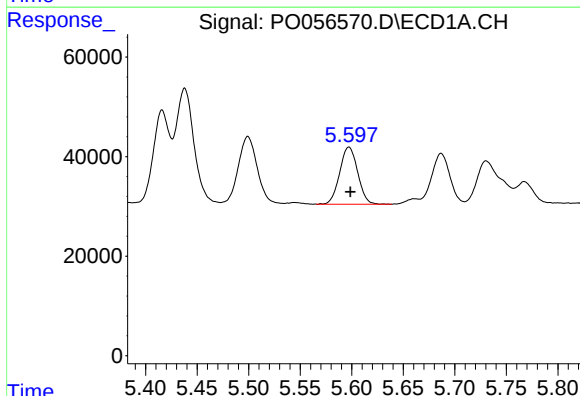
R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 176669
Conc: 109.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



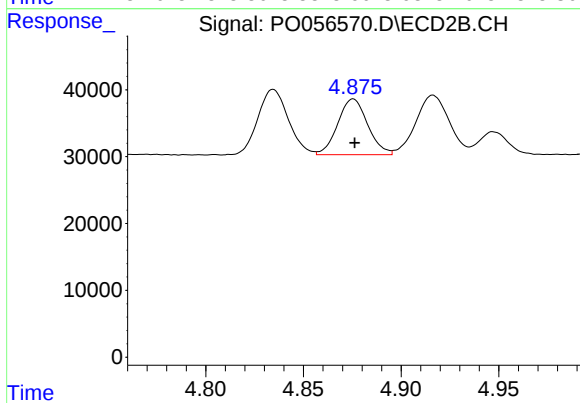
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 106096
Conc: 107.61 ng/ml



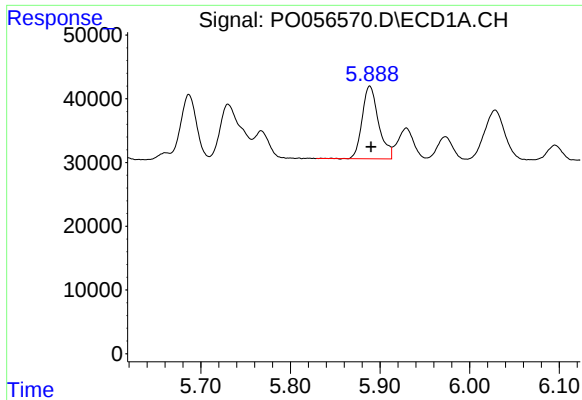
#6 AR-1016-4

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 139337
Conc: 106.22 ng/ml



#6 AR-1016-4

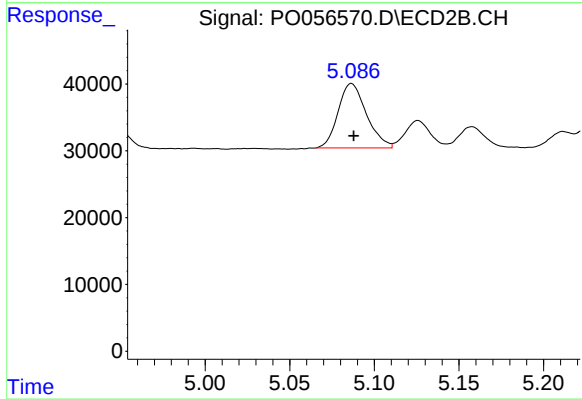
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 88972
Conc: 107.47 ng/ml



#7 AR-1016-5

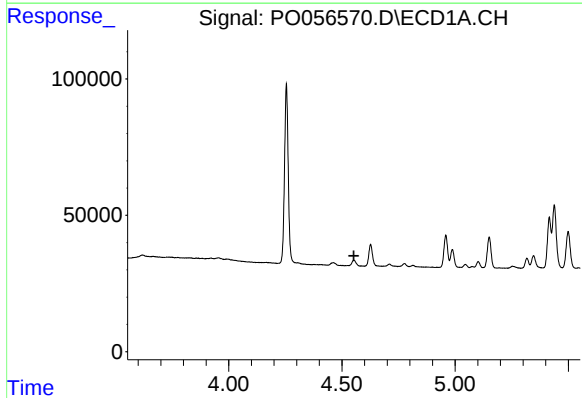
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 144761
Conc: 104.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



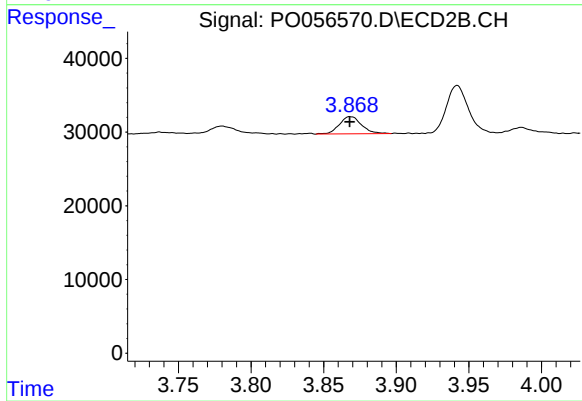
#7 AR-1016-5

R.T.: 5.087 min
Delta R.T.: -0.001 min
Response: 112392
Conc: 104.77 ng/ml



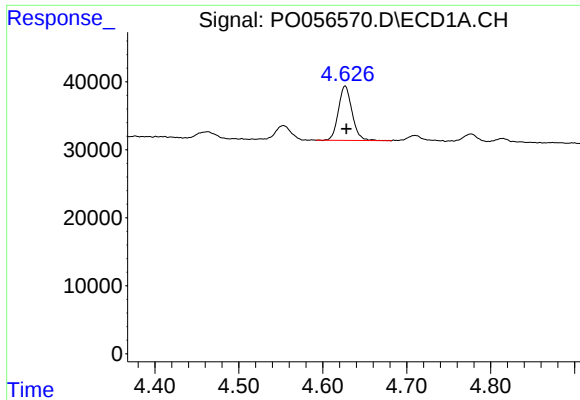
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#9 AR-1221-2

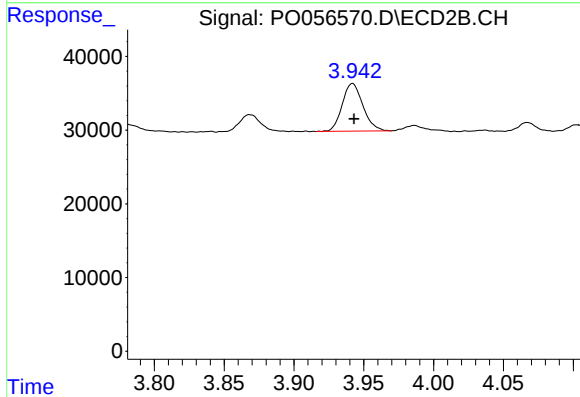
R.T.: 3.868 min
Delta R.T.: 0.000 min
Response: 24878
Conc: 66.01 ng/ml



#10 AR-1221-3

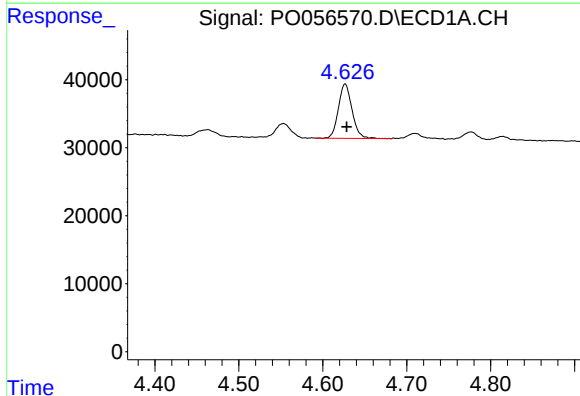
R.T.: 4.627 min
Delta R.T.: -0.002 min
Response: 90200
Conc: 61.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



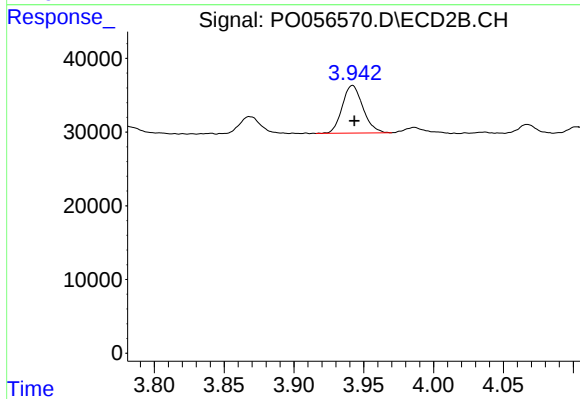
#10 AR-1221-3

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 66540
Conc: 55.59 ng/ml



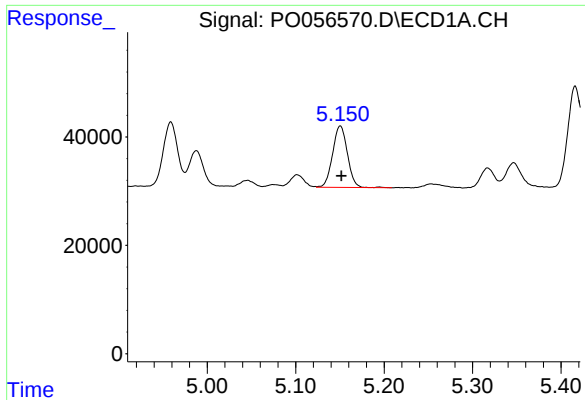
#11 AR-1232-1

R.T.: 4.627 min
Delta R.T.: -0.002 min
Response: 90200
Conc: 76.55 ng/ml



#11 AR-1232-1

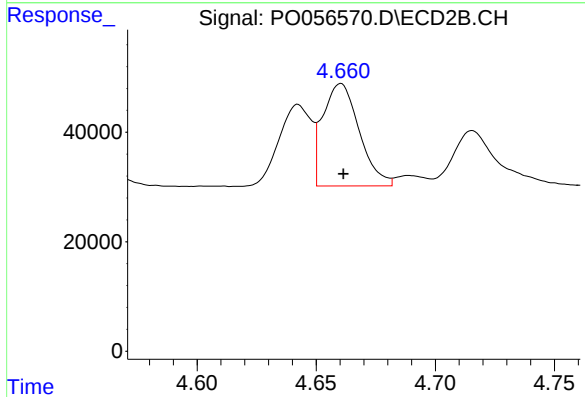
R.T.: 3.942 min
Delta R.T.: -0.001 min
Response: 66540
Conc: 74.07 ng/ml



#12 AR-1232-2

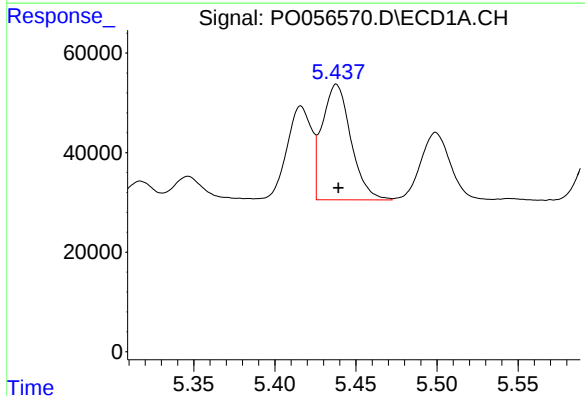
R.T.: 5.150 min
Delta R.T.: -0.001 min
Response: 131747
Conc: 198.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



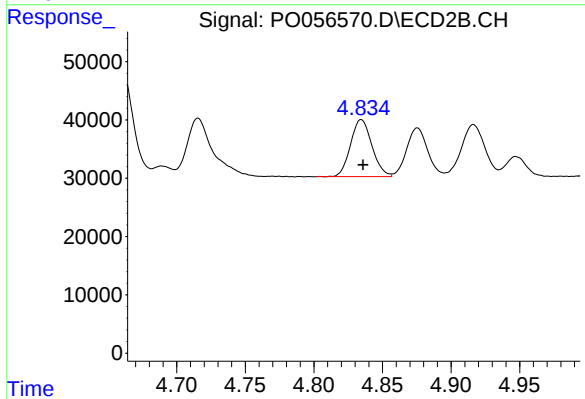
#12 AR-1232-2

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 199421
Conc: 205.19 ng/ml



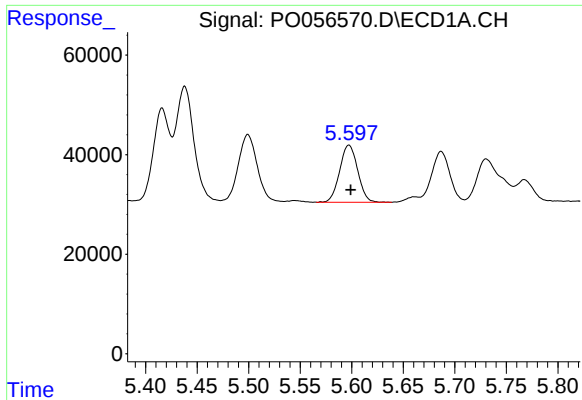
#13 AR-1232-3

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 287067
Conc: 202.35 ng/ml



#13 AR-1232-3

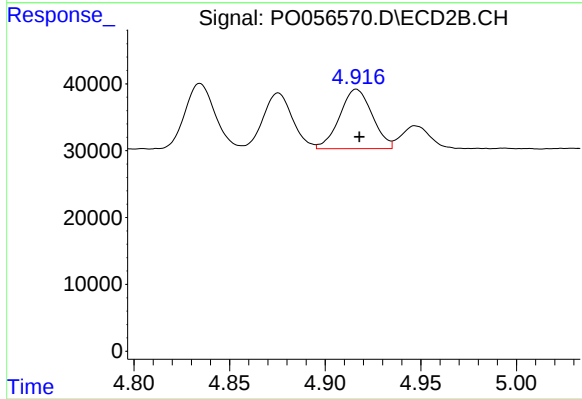
R.T.: 4.835 min
Delta R.T.: -0.001 min
Response: 106096
Conc: 202.75 ng/ml



#14 AR-1232-4

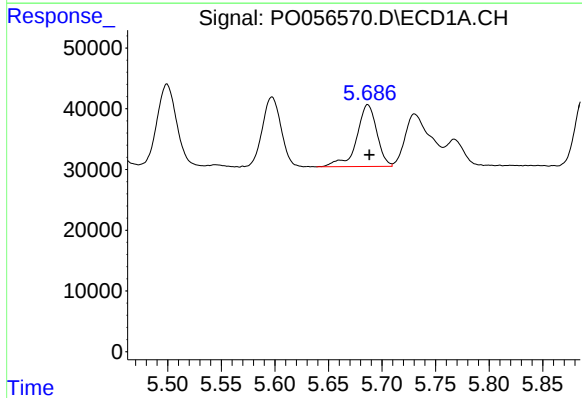
R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 139337
Conc: 197.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



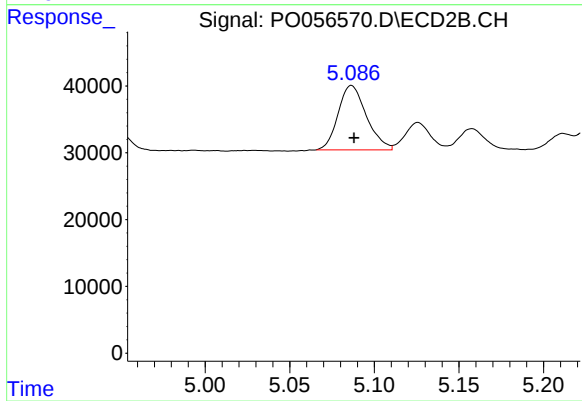
#14 AR-1232-4

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 105609
Conc: 214.35 ng/ml



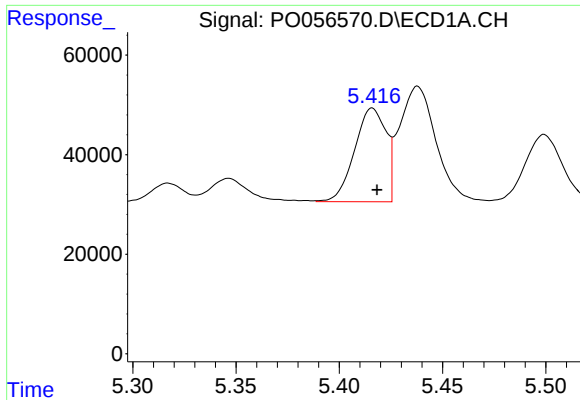
#15 AR-1232-5

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 133491
Conc: 236.10 ng/ml



#15 AR-1232-5

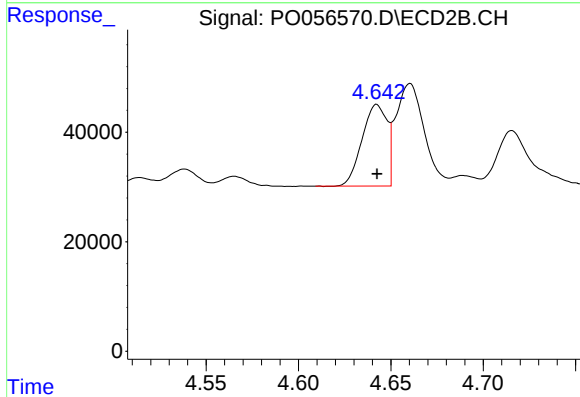
R.T.: 5.087 min
Delta R.T.: -0.001 min
Response: 112392
Conc: 199.54 ng/ml



#16 AR-1242-1

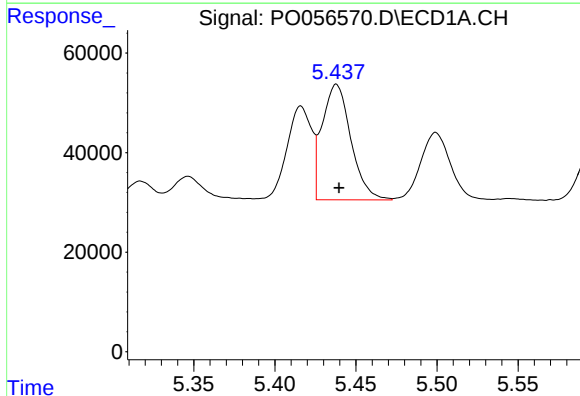
R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 198577
Conc: 115.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



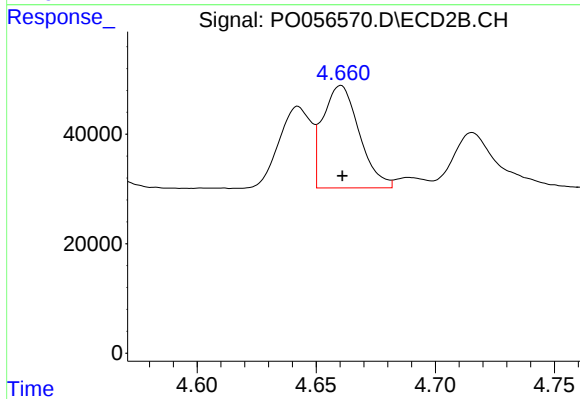
#16 AR-1242-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 139830
Conc: 112.90 ng/ml



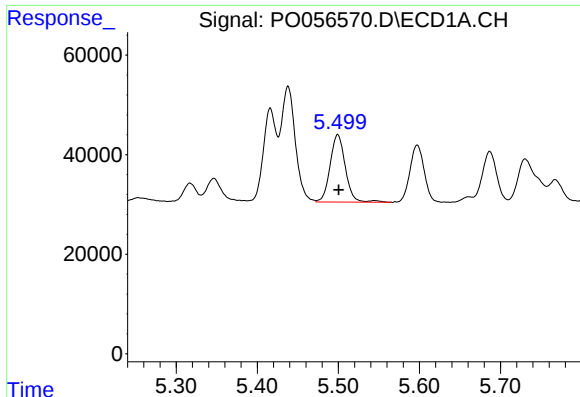
#17 AR-1242-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 287067
Conc: 113.07 ng/ml



#17 AR-1242-2

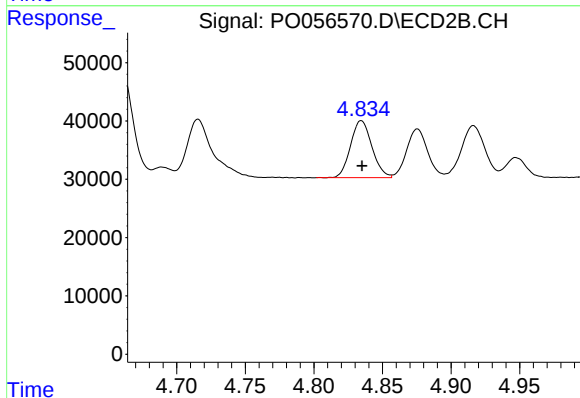
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 199421
Conc: 110.89 ng/ml



#18 AR-1242-3

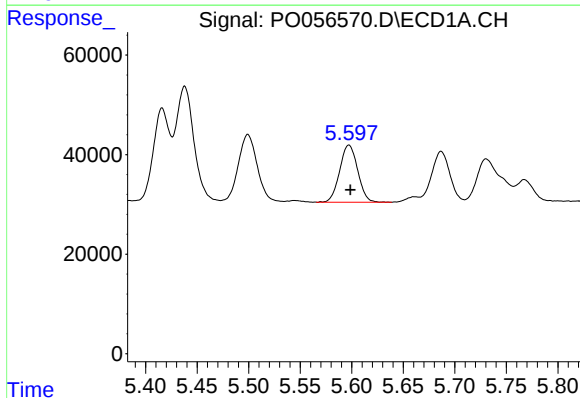
R.T.: 5.499 min
Delta R.T.: -0.001 min
Response: 176669
Conc: 108.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



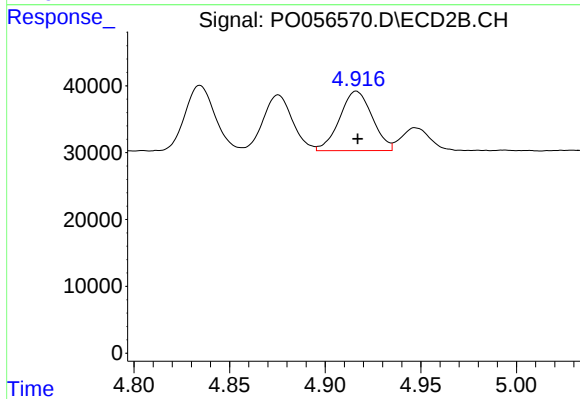
#18 AR-1242-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 106096
Conc: 107.92 ng/ml



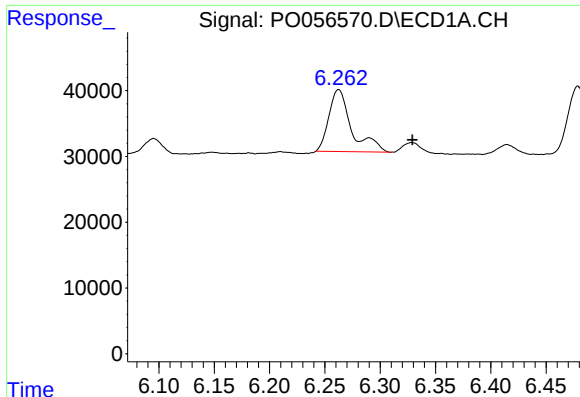
#19 AR-1242-4

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 139337
Conc: 104.24 ng/ml



#19 AR-1242-4

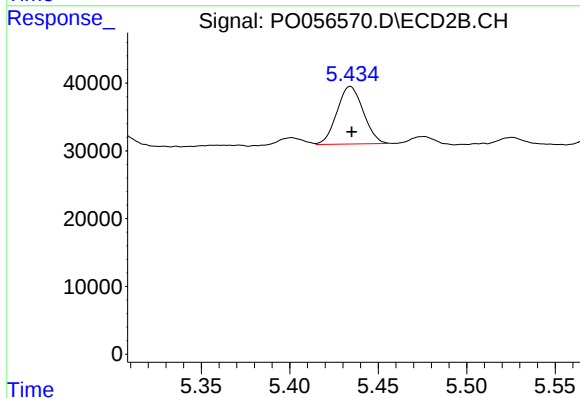
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 105609
Conc: 108.53 ng/ml



#20 AR-1242-5

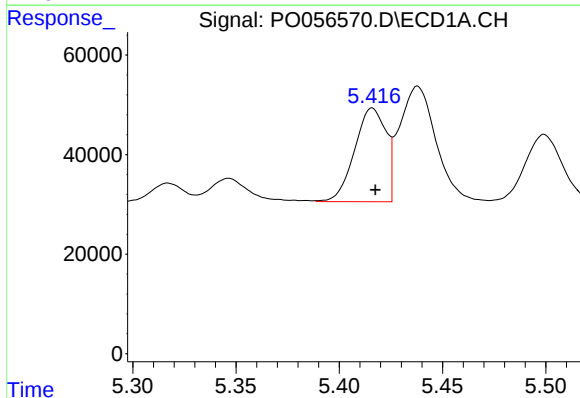
R.T.: 6.262 min
Delta R.T.: -0.067 min
Response: 133245
Conc: 80.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



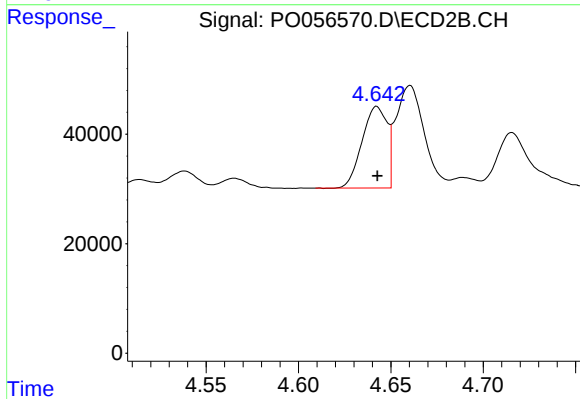
#20 AR-1242-5

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 87867
Conc: 74.32 ng/ml



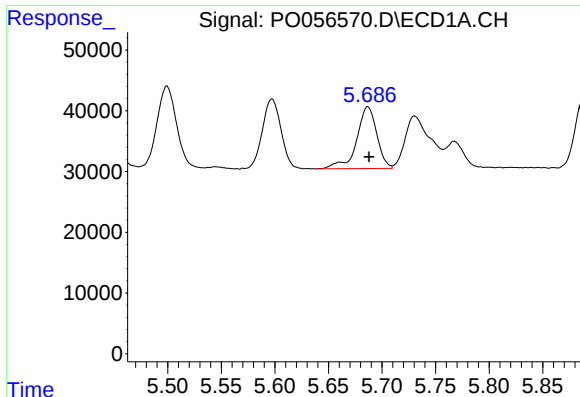
#21 AR-1248-1

R.T.: 5.416 min
Delta R.T.: -0.001 min
Response: 198577
Conc: 154.11 ng/ml



#21 AR-1248-1

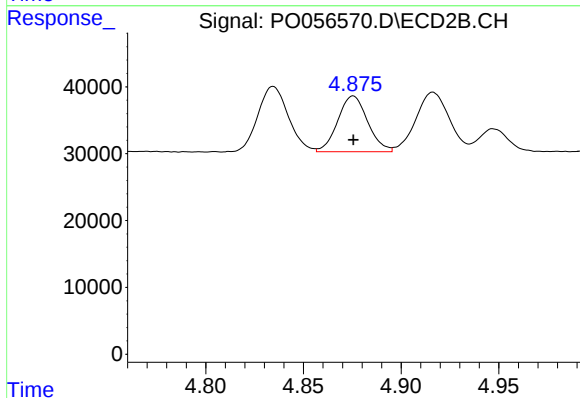
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 139830
Conc: 149.31 ng/ml



#22 AR-1248-2

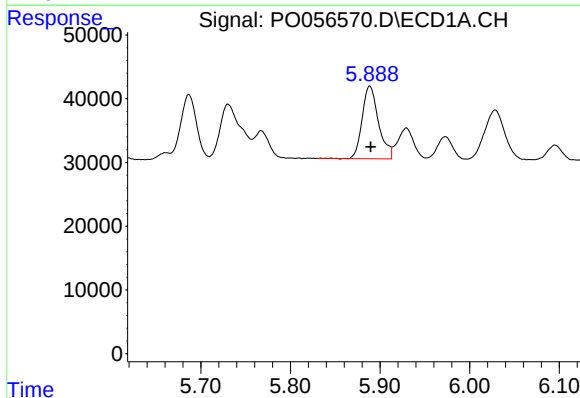
R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 133491
Conc: 71.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



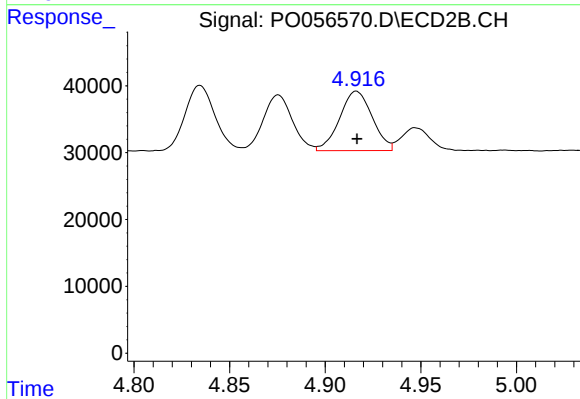
#22 AR-1248-2

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 88972
Conc: 70.03 ng/ml



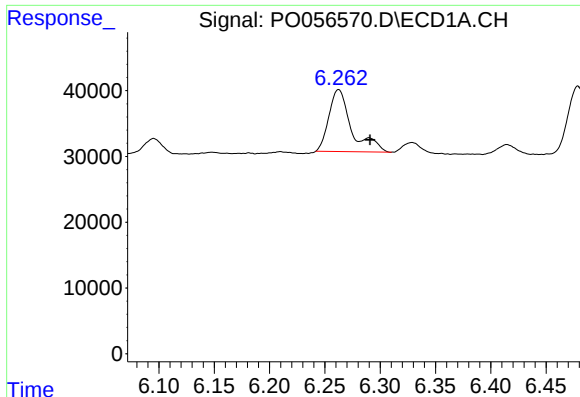
#23 AR-1248-3

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 144761
Conc: 70.57 ng/ml



#23 AR-1248-3

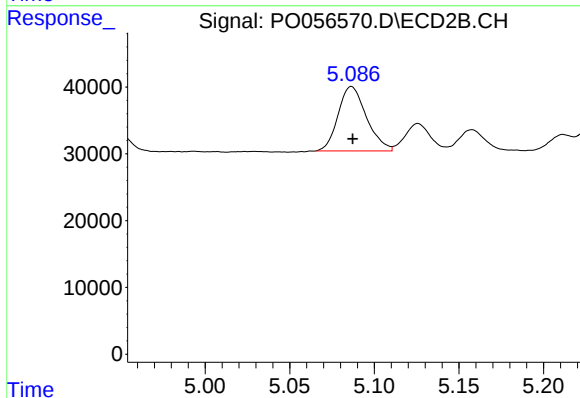
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 105609
Conc: 80.87 ng/ml



#24 AR-1248-4

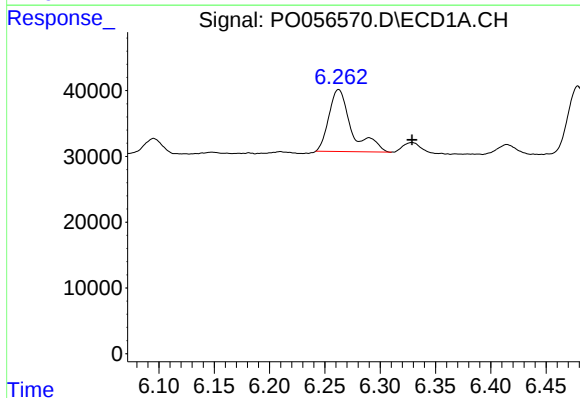
R.T.: 6.262 min
Delta R.T.: -0.028 min
Response: 133245
Conc: 57.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



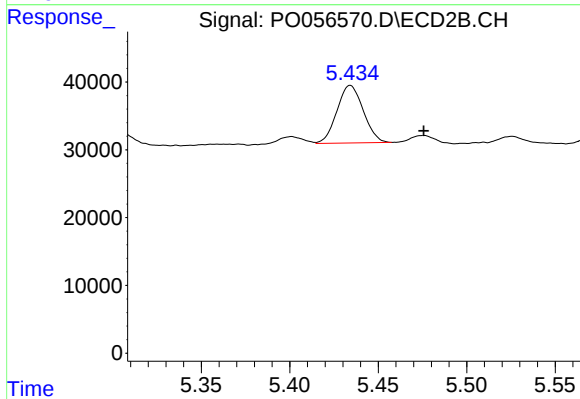
#24 AR-1248-4

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 112392
Conc: 70.97 ng/ml



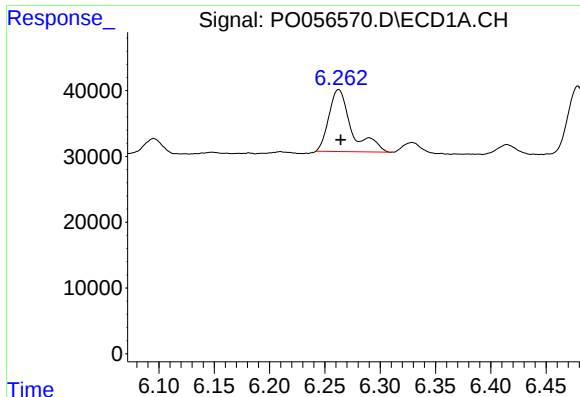
#25 AR-1248-5

R.T.: 6.262 min
Delta R.T.: -0.067 min
Response: 133245
Conc: 60.58 ng/ml



#25 AR-1248-5

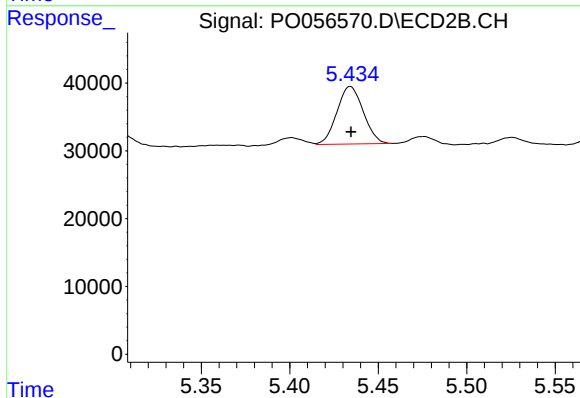
R.T.: 5.434 min
Delta R.T.: -0.041 min
Response: 87867
Conc: 53.09 ng/ml



#26 AR-1254-1

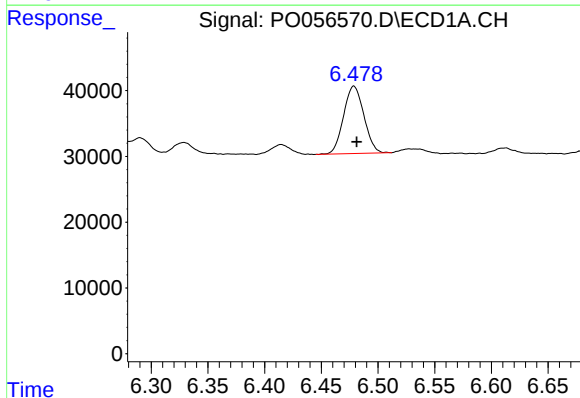
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 133245
Conc: 48.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



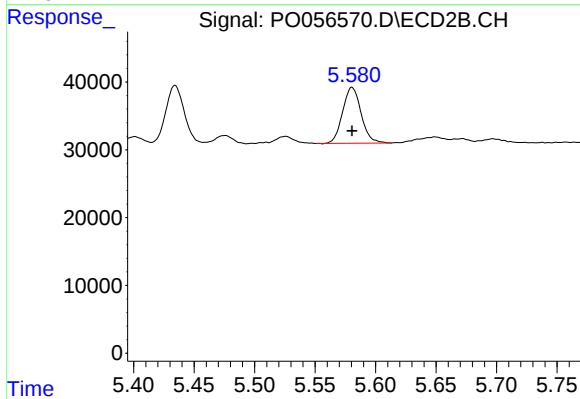
#26 AR-1254-1

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 87867
Conc: 33.22 ng/ml



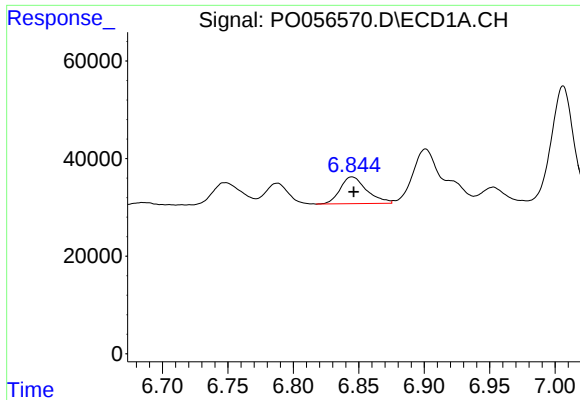
#27 AR-1254-2

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 127619
Conc: 32.86 ng/ml



#27 AR-1254-2

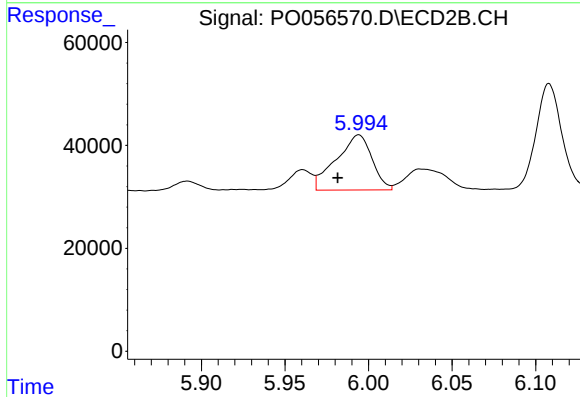
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 87648
Conc: 40.66 ng/ml



#28 AR-1254-3

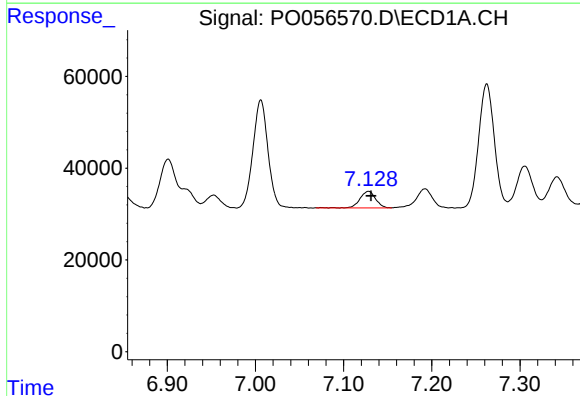
R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 77586
Conc: 18.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



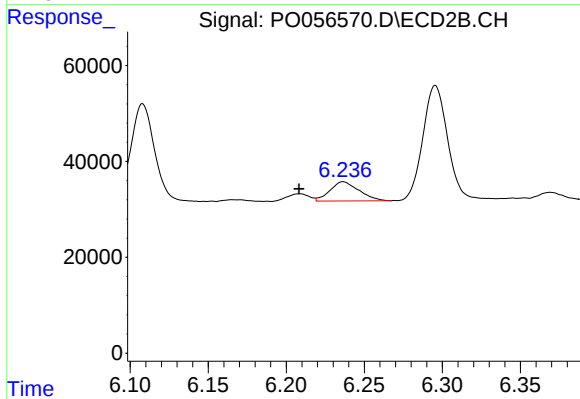
#28 AR-1254-3

R.T.: 5.994 min
Delta R.T.: 0.013 min
Response: 160000
Conc: 43.70 ng/ml



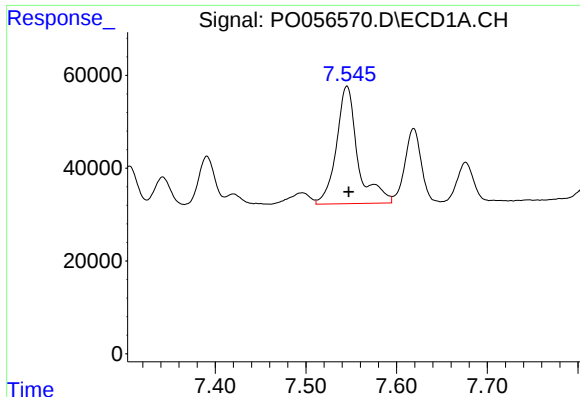
#29 AR-1254-4

R.T.: 7.128 min
Delta R.T.: -0.003 min
Response: 44247
Conc: 14.70 ng/ml



#29 AR-1254-4

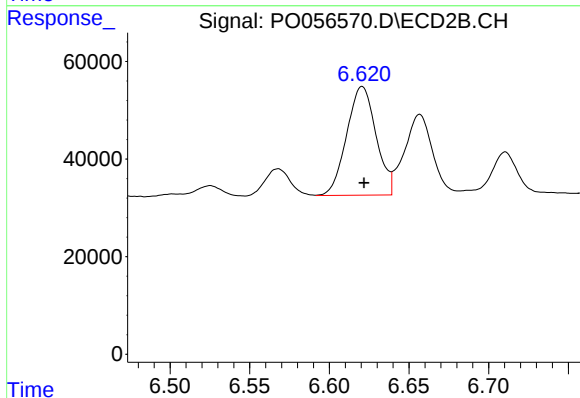
R.T.: 6.237 min
Delta R.T.: 0.028 min
Response: 51528
Conc: 23.45 ng/ml



#30 AR-1254-5

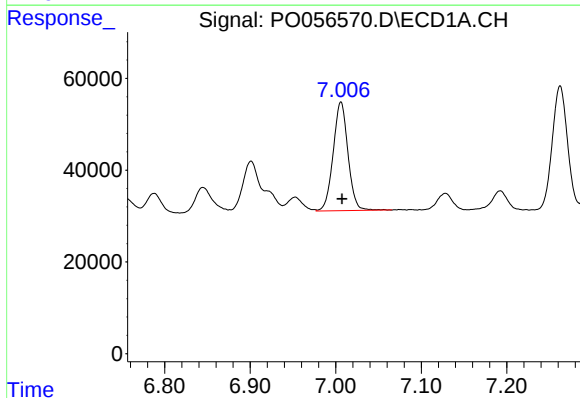
R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 415013
Conc: 110.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



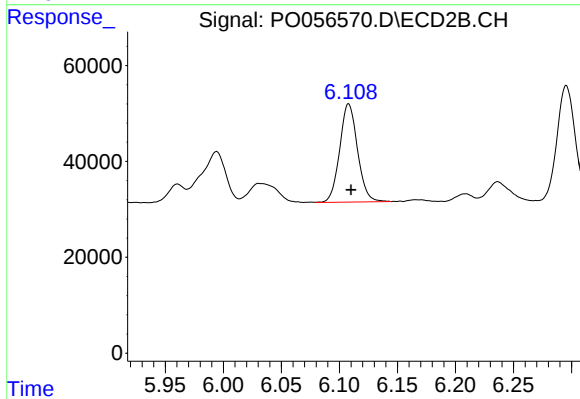
#30 AR-1254-5

R.T.: 6.621 min
Delta R.T.: -0.001 min
Response: 286052
Conc: 90.23 ng/ml



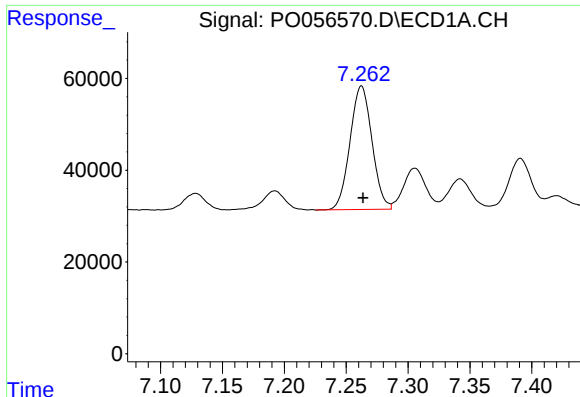
#31 AR-1260-1

R.T.: 7.006 min
Delta R.T.: -0.001 min
Response: 285121
Conc: 111.11 ng/ml



#31 AR-1260-1

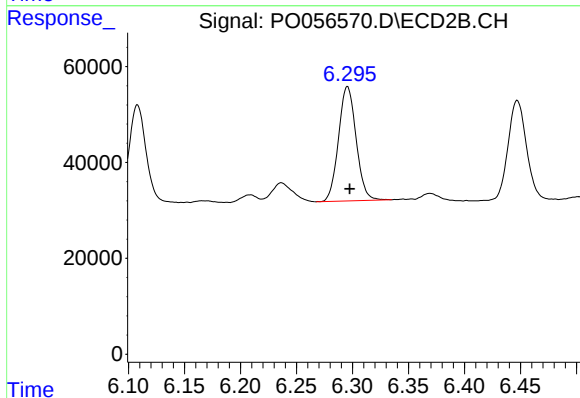
R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 219144
Conc: 109.55 ng/ml



#32 AR-1260-2

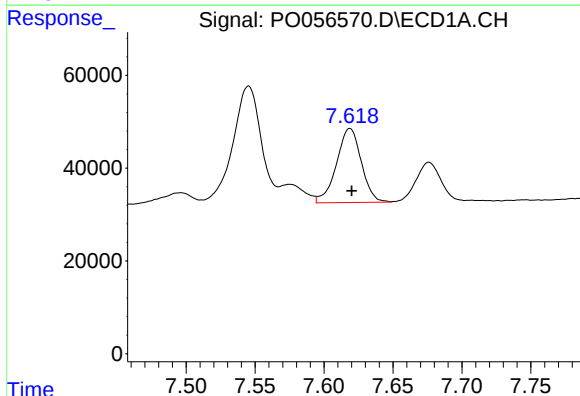
R.T.: 7.262 min
Delta R.T.: -0.001 min
Response: 332282
Conc: 109.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



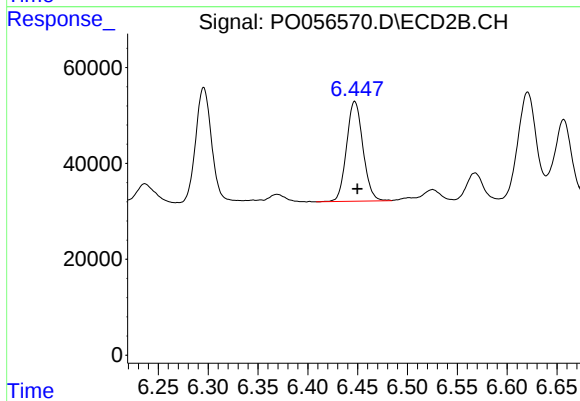
#32 AR-1260-2

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 261240
Conc: 105.98 ng/ml



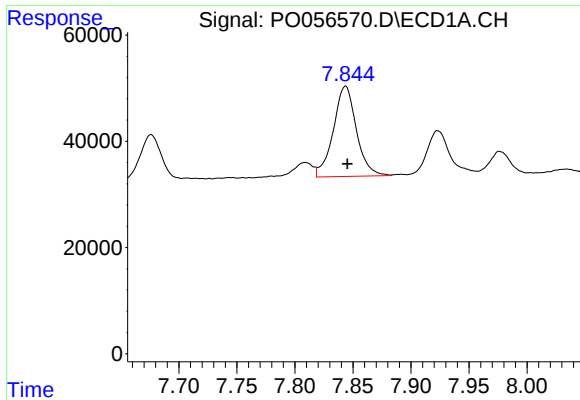
#33 AR-1260-3

R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 199858
Conc: 82.96 ng/ml



#33 AR-1260-3

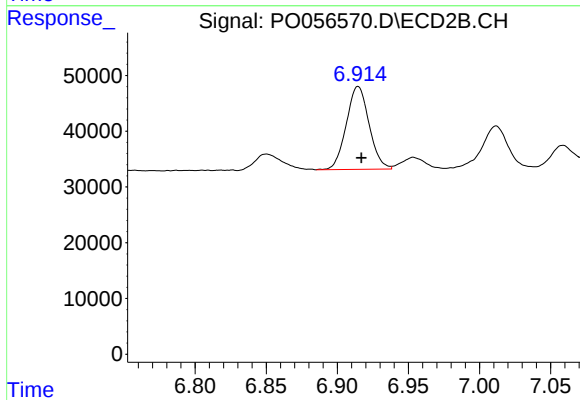
R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 238622
Conc: 106.37 ng/ml



#34 AR-1260-4

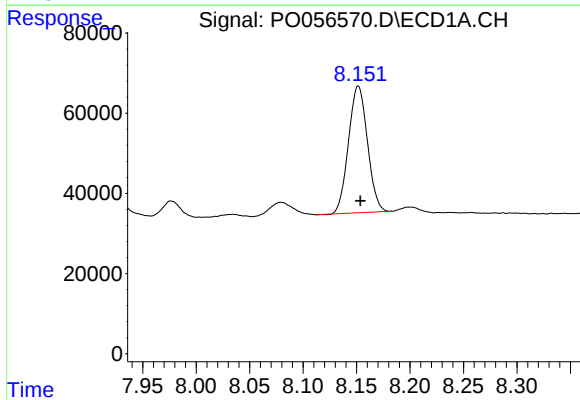
R.T.: 7.843 min
Delta R.T.: -0.002 min
Response: 235807
Conc: 90.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



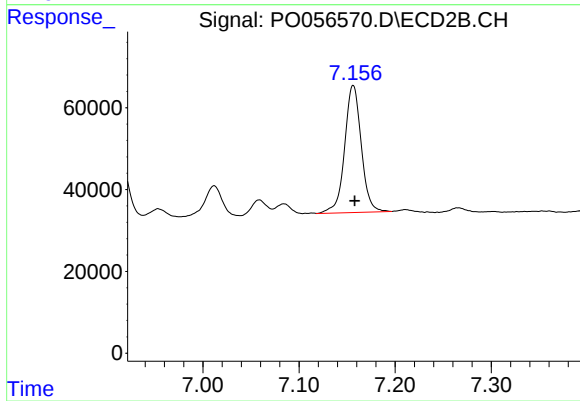
#34 AR-1260-4

R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 165984
Conc: 89.19 ng/ml



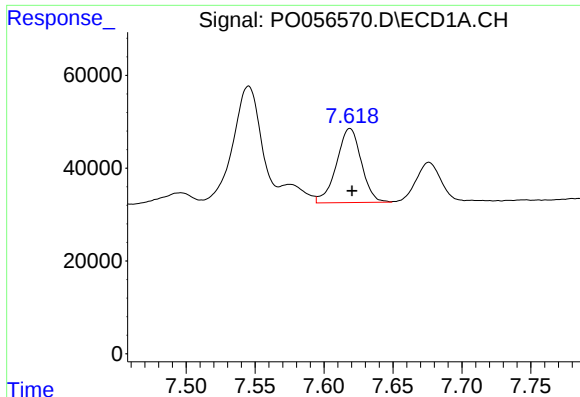
#35 AR-1260-5

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 389848
Conc: 81.52 ng/ml



#35 AR-1260-5

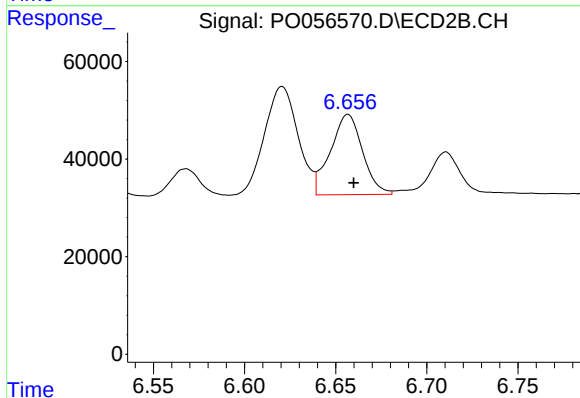
R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 374293
Conc: 86.80 ng/ml



#36 AR-1262-1

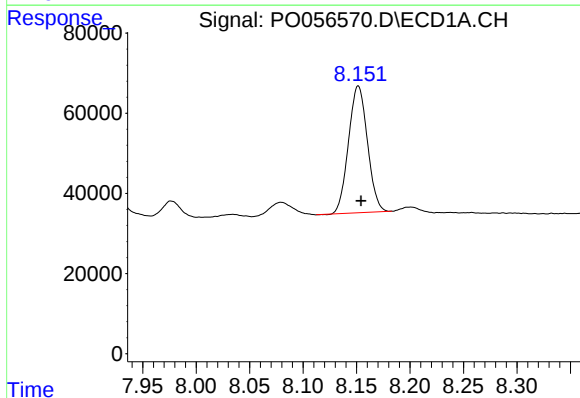
R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 199858
Conc: 42.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



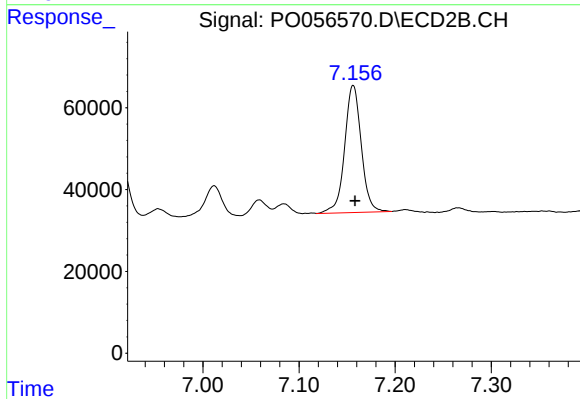
#36 AR-1262-1

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 202233
Conc: 48.45 ng/ml



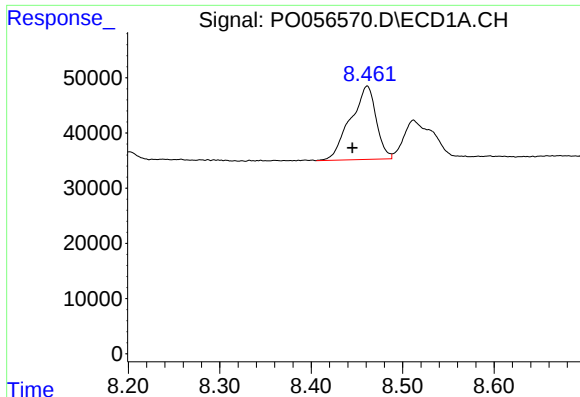
#37 AR-1262-2

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 389848
Conc: 51.14 ng/ml



#37 AR-1262-2

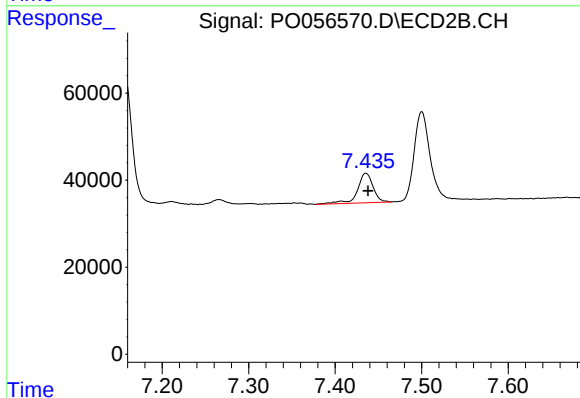
R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 374293
Conc: 54.48 ng/ml



#38 AR-1262-3

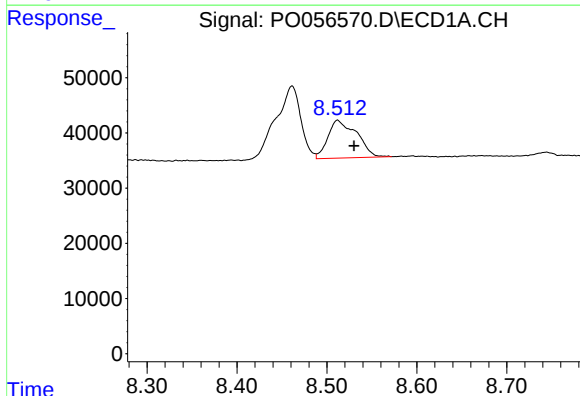
R.T.: 8.461 min
Delta R.T.: 0.016 min
Response: 259043
Conc: 49.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



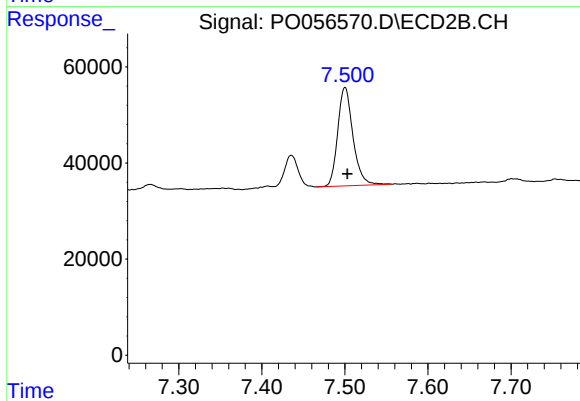
#38 AR-1262-3

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 84859
Conc: 28.73 ng/ml



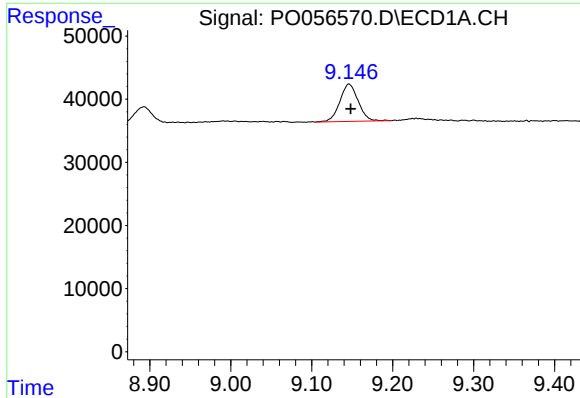
#39 AR-1262-4

R.T.: 8.512 min
Delta R.T.: -0.018 min
Response: 152029
Conc: 35.61 ng/ml



#39 AR-1262-4

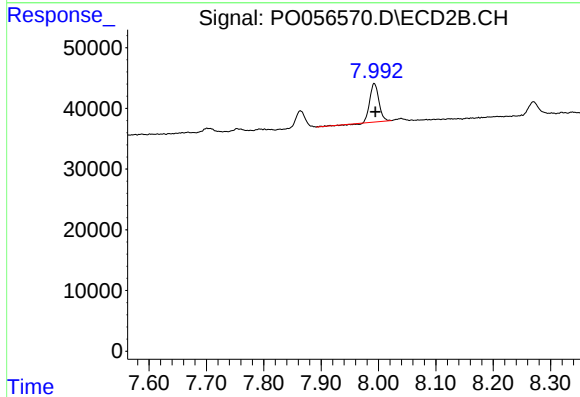
R.T.: 7.500 min
Delta R.T.: -0.003 min
Response: 261291
Conc: 50.15 ng/ml



#40 AR-1262-5

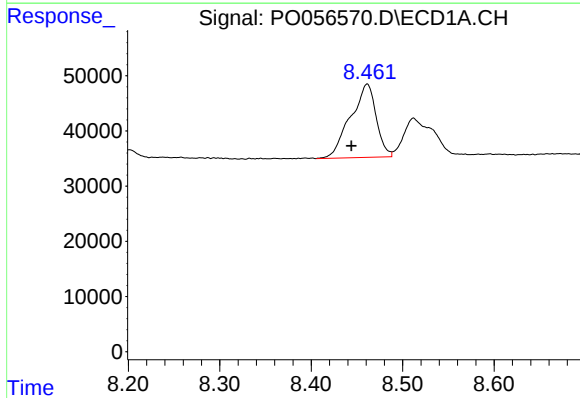
R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 93179
Conc: 33.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



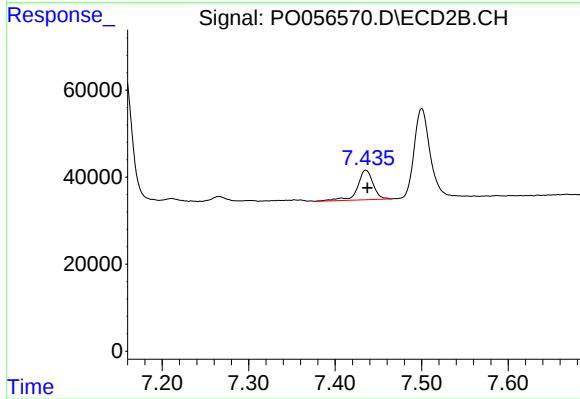
#40 AR-1262-5

R.T.: 7.993 min
Delta R.T.: -0.002 min
Response: 69676
Conc: 30.00 ng/ml



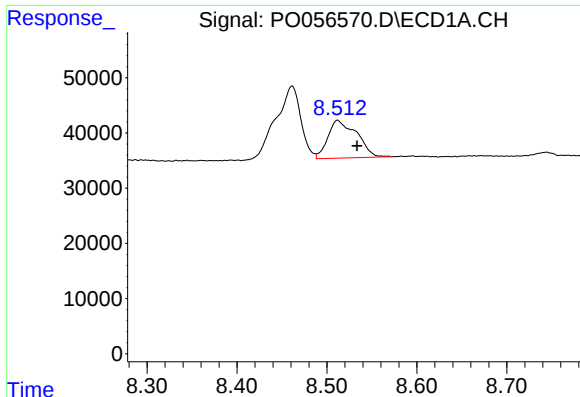
#41 AR-1268-1

R.T.: 8.461 min
Delta R.T.: 0.017 min
Response: 259043
Conc: 31.83 ng/ml



#41 AR-1268-1

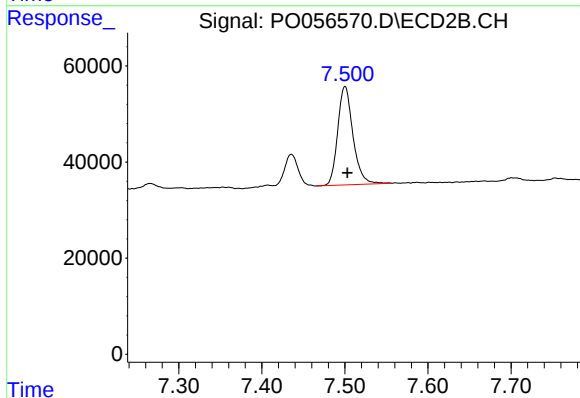
R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 84859
Conc: 11.37 ng/ml



#42 AR-1268-2

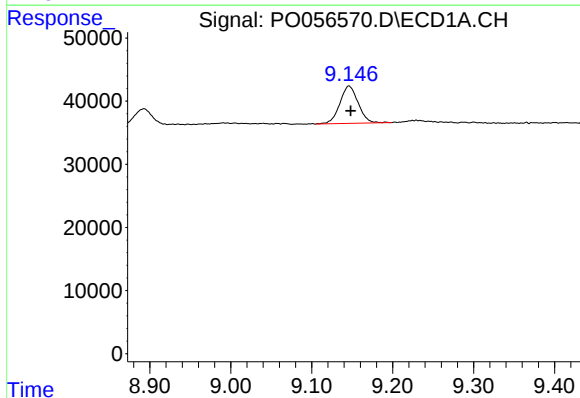
R.T.: 8.512 min
Delta R.T.: -0.021 min
Response: 152029
Conc: 18.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



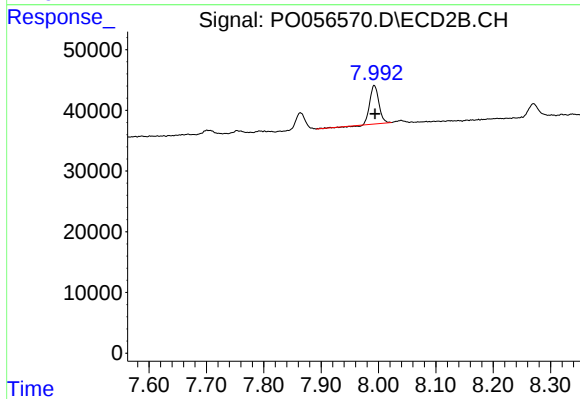
#42 AR-1268-2

R.T.: 7.500 min
Delta R.T.: -0.003 min
Response: 261291
Conc: 37.42 ng/ml



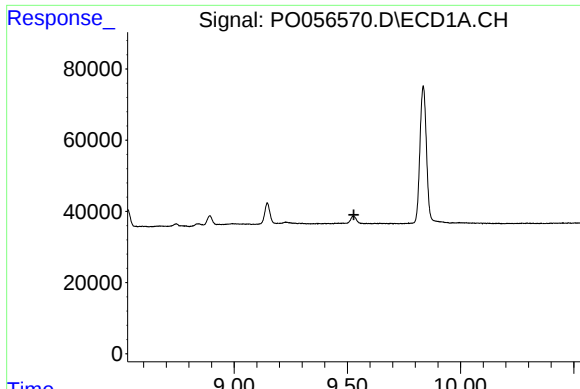
#44 AR-1268-4

R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 93179
Conc: 34.17 ng/ml



#44 AR-1268-4

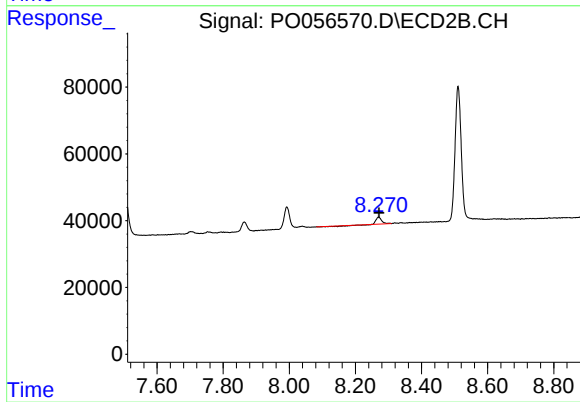
R.T.: 7.993 min
Delta R.T.: -0.001 min
Response: 69676
Conc: 29.85 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 21123
Conc: 1.22 ng/ml