

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056602.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2019 1:52
 Operator : SM/SJ
 Sample : K3002-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:03:17 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	3.573	769391	640136	20.097	19.411
2)	SA Decachlor...	9.832	8.509	784625	533450	15.985	14.961
Target Compounds							
3)	L1 AR-1016-1	0.000	4.643	0	13778	N.D.	10.948 #
4)	L1 AR-1016-2	0.000	4.661	0	18048	N.D.	10.018 #
5)	L1 AR-1016-3	5.569	4.836	83790	28857	52.131	29.268 #
6)	L1 AR-1016-4	5.569	4.876	83790	55417	63.874	66.941
7)	L1 AR-1016-5	5.887	5.086	63785	18795	46.167	17.521 #
10)	L2 AR-1221-3	0.000	3.987	0	65458	N.D.	54.683 #
11)	L3 AR-1232-1	0.000	3.987	0	65458	N.D.	72.864 #
12)	L3 AR-1232-2	5.124	4.661	151161	18048	227.981	18.570 #
13)	L3 AR-1232-3	0.000	4.836	0	28857	N.D.	55.144 #
14)	L3 AR-1232-4	5.569	4.916	83790	18679	119.032	37.912 #
15)	L3 AR-1232-5	5.685	5.086	66667	18795	117.914	33.368 #
16)	L4 AR-1242-1	0.000	4.643	0	13778	N.D.	11.124 #
17)	L4 AR-1242-2	0.000	4.661	0	18048	N.D.	10.036 #
18)	L4 AR-1242-3	5.569	4.836	83790	28857	51.531	29.352 #
19)	L4 AR-1242-4	5.569	4.916	83790	18679	62.683	19.195 #
20)	L4 AR-1242-5	6.328	5.435	62666	176137	37.978	148.982 #
21)	L5 AR-1248-1	0.000	4.643	0	13778	N.D.	14.712 #
22)	L5 AR-1248-2	5.685	4.876	66667	55417	35.787	43.620
23)	L5 AR-1248-3	5.887	4.916	63785	18679	31.094	14.303 #
24)	L5 AR-1248-4	6.263	5.086	238864	18795	103.240	11.868 #
25)	L5 AR-1248-5	6.328	5.474	62666	23000	28.492	13.897 #
26)	L6 AR-1254-1	6.263	5.435	238864	176137	86.773	66.599
27)	L6 AR-1254-2	6.480	5.580	296285	86155	76.282	39.964 #
28)	L6 AR-1254-3	6.848	5.981	304298	225938	73.798	61.714
29)	L6 AR-1254-4	7.128	6.206	115325	85529	38.316	38.931
30)	L6 AR-1254-5	7.544	6.619	300004	269872	79.669	85.127
31)	L7 AR-1260-1	7.005	6.108	243998	196907	95.082	98.435
32)	L7 AR-1260-2	7.259	6.295	512029	204745	169.313	83.062 #
33)	L7 AR-1260-3	7.617	6.446	132341	224607	54.935	100.127 #
34)	L7 AR-1260-4	7.840	6.913	170049	99386	64.924	53.404
35)	L7 AR-1260-5	8.150	7.155	236471	244883	49.449	56.787
36)	L8 AR-1262-1	7.617	6.655	132341	134423	28.297	32.204
37)	L8 AR-1262-2	8.150	7.155	236471	244883	31.017	35.642
38)	L8 AR-1262-3	8.460	7.435	170934	67379	32.661	22.814 #
39)	L8 AR-1262-4	8.510	7.499	103807	176837	24.316	33.938 #
40)	L8 AR-1262-5	9.143	7.991	59551	51999	21.674	22.392
41)	L9 AR-1268-1	8.460	7.435	170934	67379	21.006	9.026 #
42)	L9 AR-1268-2	8.510	7.499	103807	176837	12.832	25.324 #
43)	L9 AR-1268-3	0.000	7.700	0	29919	N.D.	5.041 #

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ALS Vial : 37 Sample Multiplier: 1

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QLast Update : Fri May 24 00:11:05 2019
Response via : Initial Calibration
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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
44)	L9 AR-1268-4	9.143	7.991	59551	51999	21.837	22.276
45)	L9 AR-1268-5	9.524	8.269	77601	61167	3.702	3.534

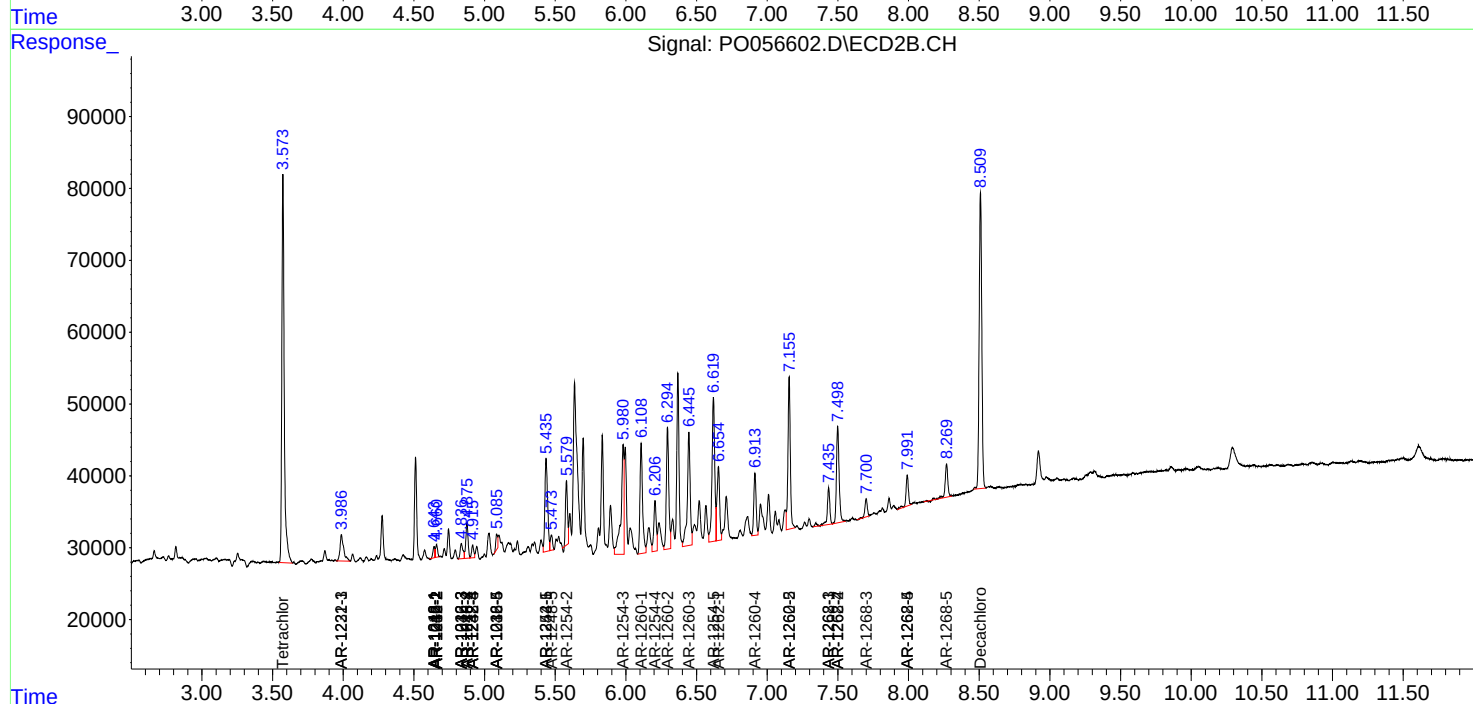
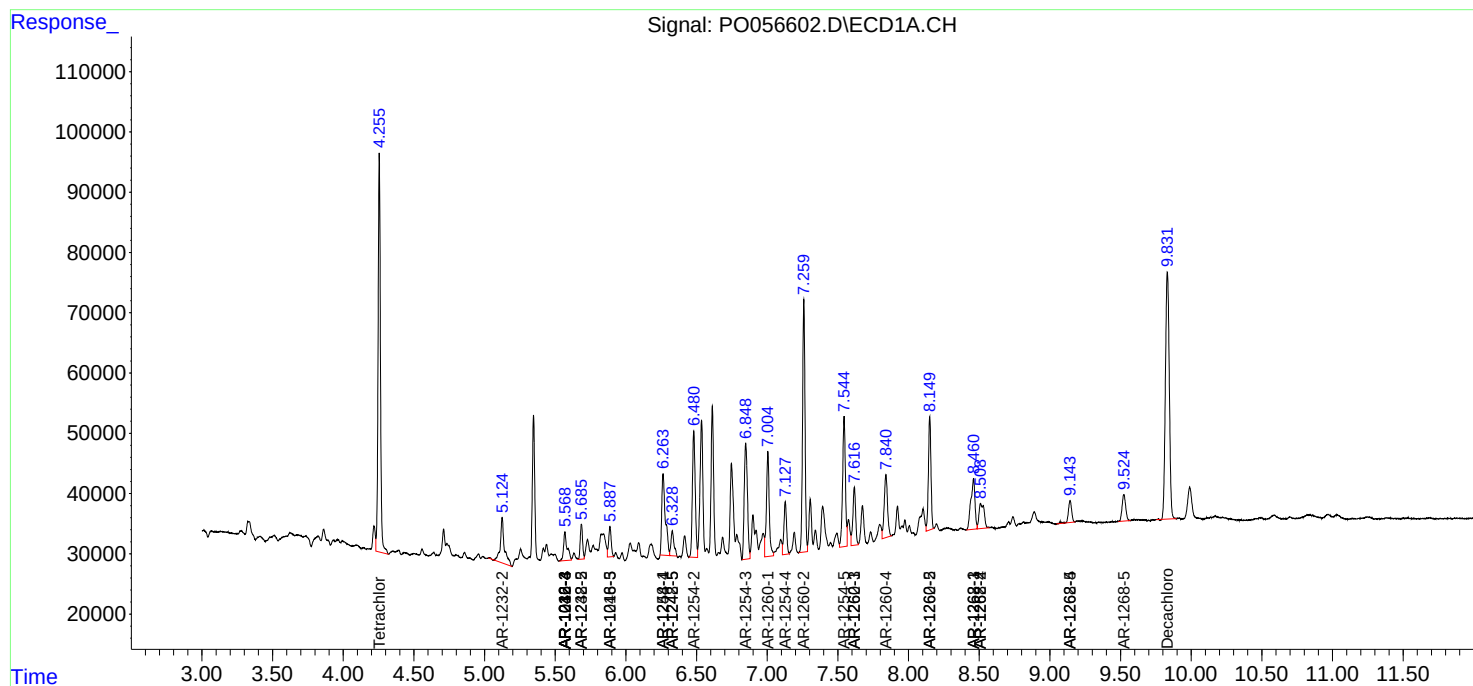
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

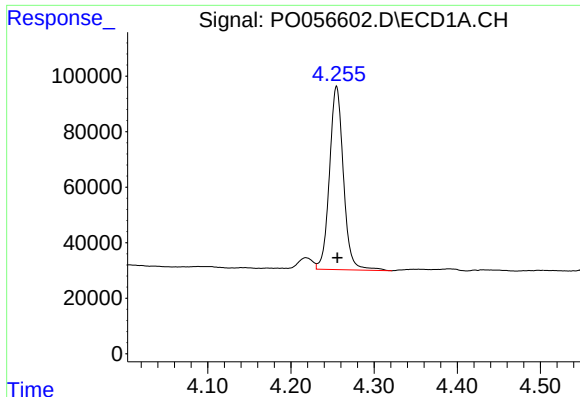
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO052419\
Data File : PO056602.D
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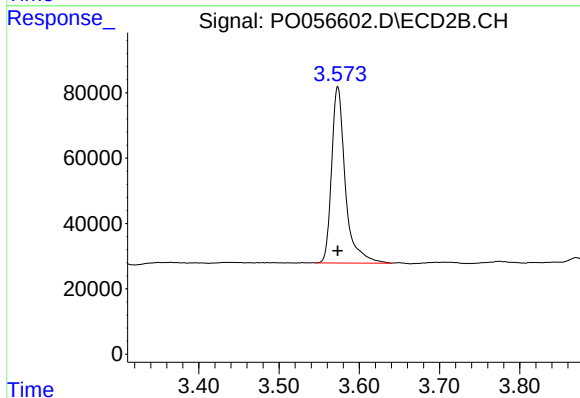




#1 Tetrachloro-m-xylene

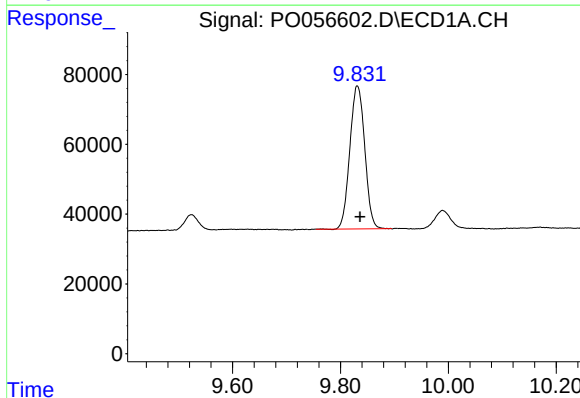
R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 769391
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



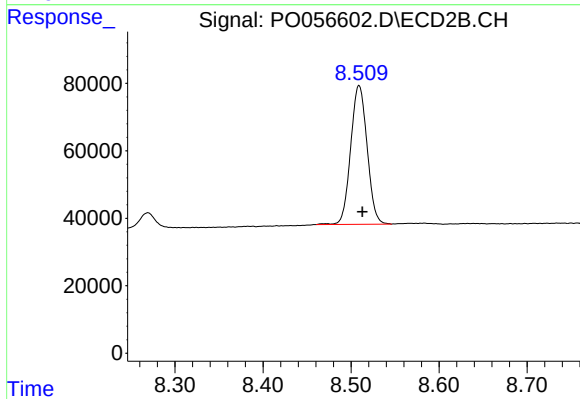
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: 0.000 min
Response: 640136
Conc: 19.41 ng/ml



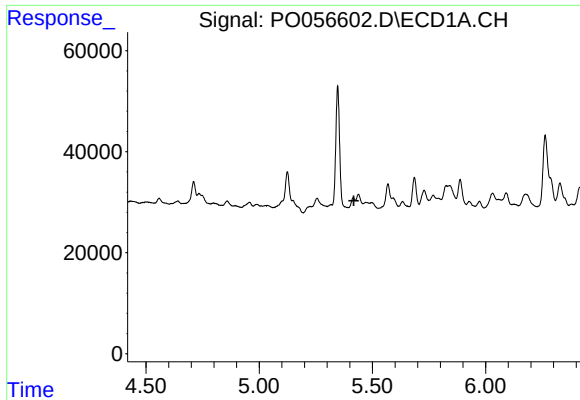
#2 Decachlorobiphenyl

R.T.: 9.832 min
Delta R.T.: -0.005 min
Response: 784625
Conc: 15.99 ng/ml



#2 Decachlorobiphenyl

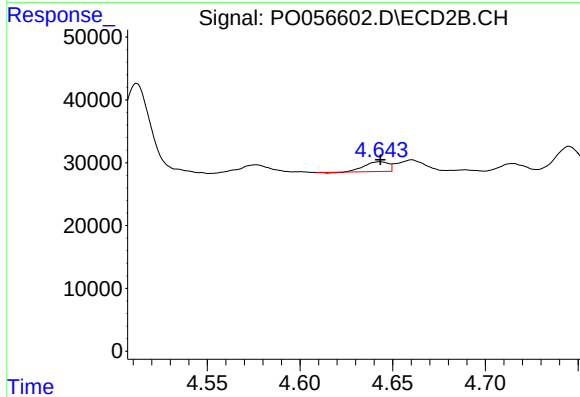
R.T.: 8.509 min
Delta R.T.: -0.004 min
Response: 533450
Conc: 14.96 ng/ml



#3 AR-1016-1

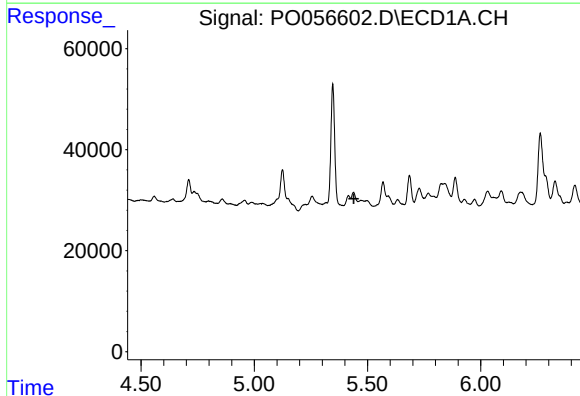
R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



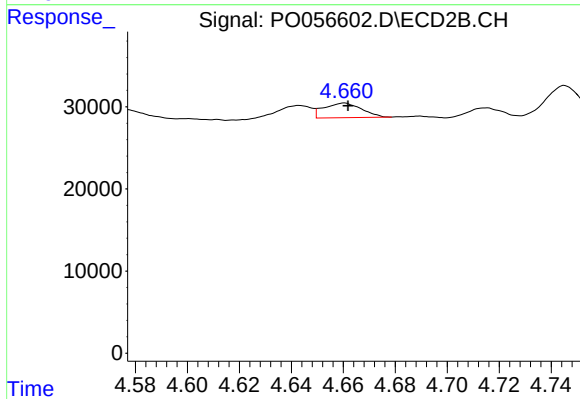
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 13778
Conc: 10.95 ng/ml



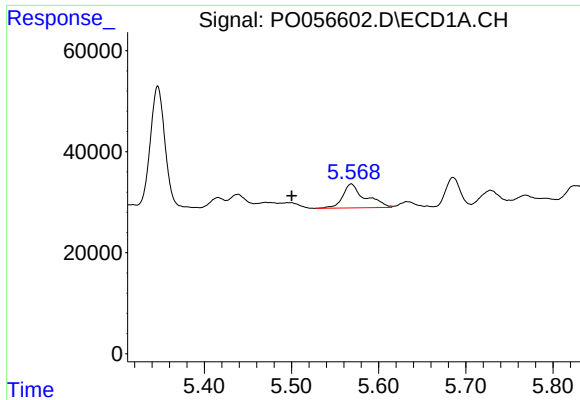
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.440 min
Response: 0
Conc: N.D.



#4 AR-1016-2

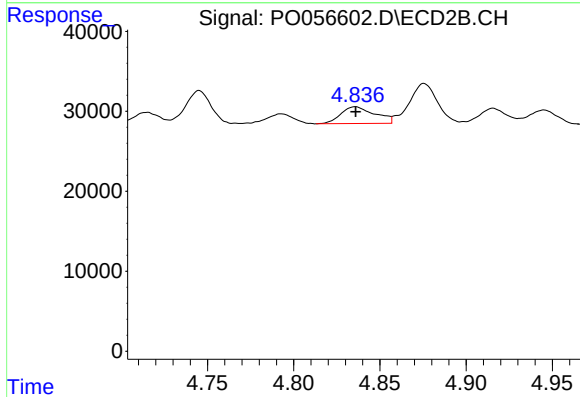
R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 18048
Conc: 10.02 ng/ml



#5 AR-1016-3

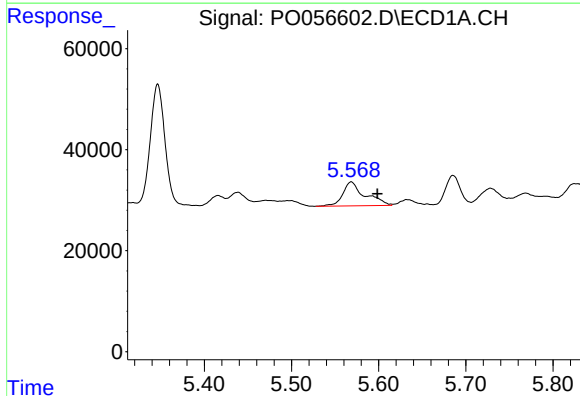
R.T.: 5.569 min
Delta R.T.: 0.069 min
Response: 83790
Conc: 52.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



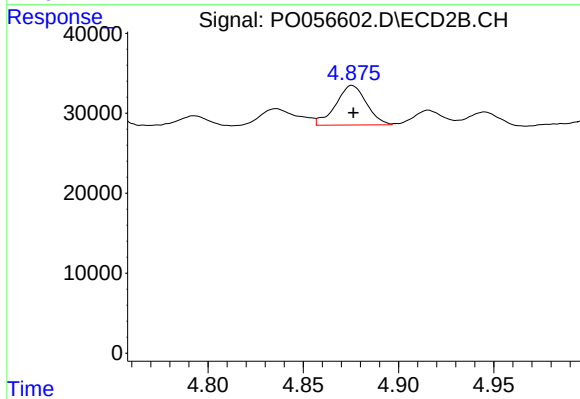
#5 AR-1016-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 28857
Conc: 29.27 ng/ml



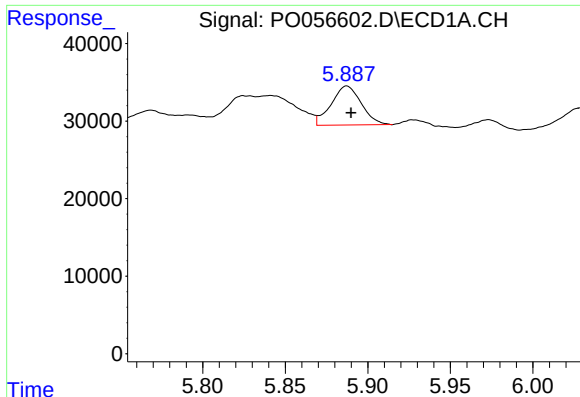
#6 AR-1016-4

R.T.: 5.569 min
Delta R.T.: -0.030 min
Response: 83790
Conc: 63.87 ng/ml



#6 AR-1016-4

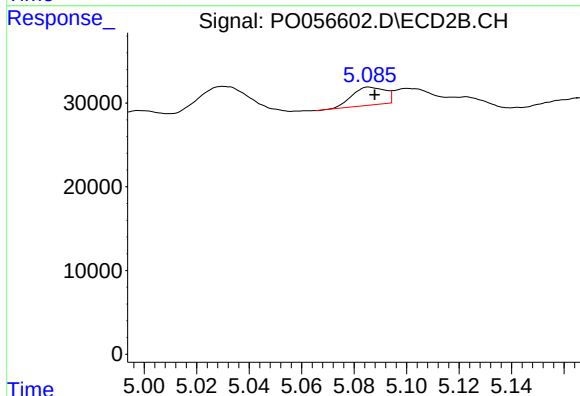
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 55417
Conc: 66.94 ng/ml



#7 AR-1016-5

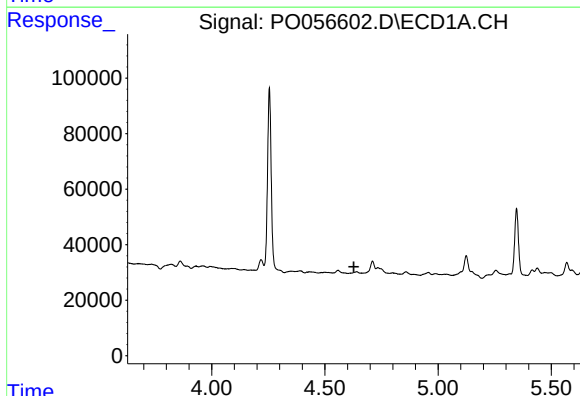
R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 63785
Conc: 46.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



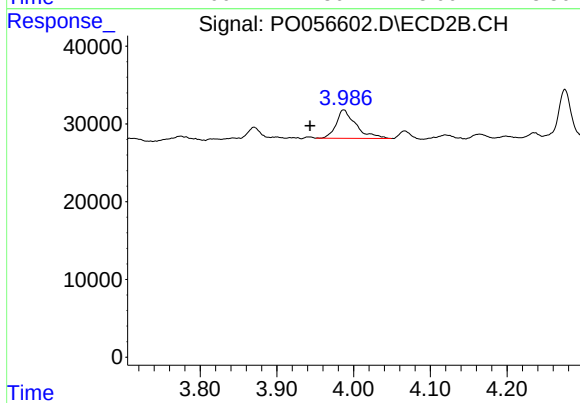
#7 AR-1016-5

R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 18795
Conc: 17.52 ng/ml



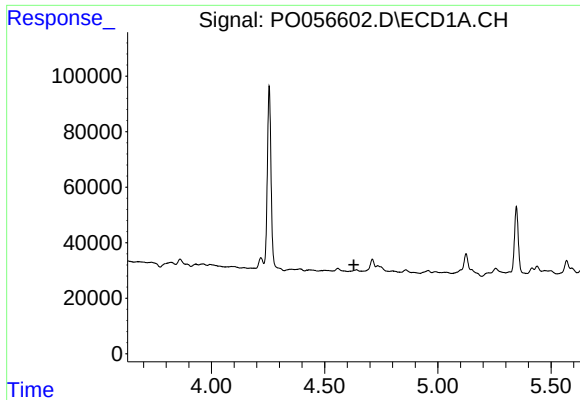
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.



#10 AR-1221-3

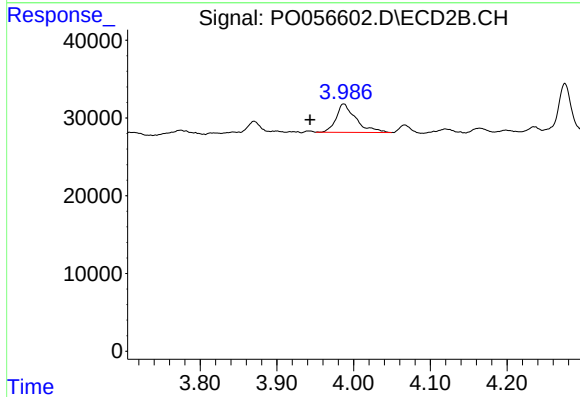
R.T.: 3.987 min
Delta R.T.: 0.044 min
Response: 65458
Conc: 54.68 ng/ml



#11 AR-1232-1

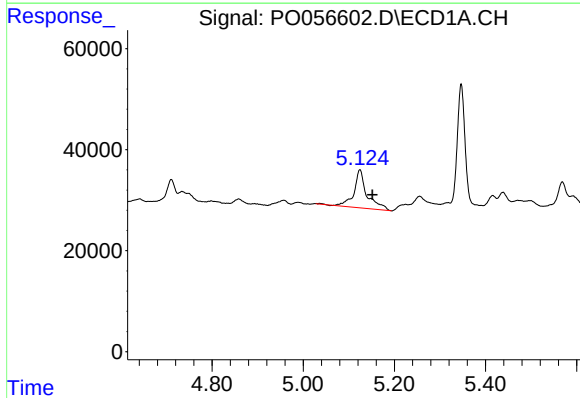
R.T.: 0.000 min
Exp R.T.: 4.629 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



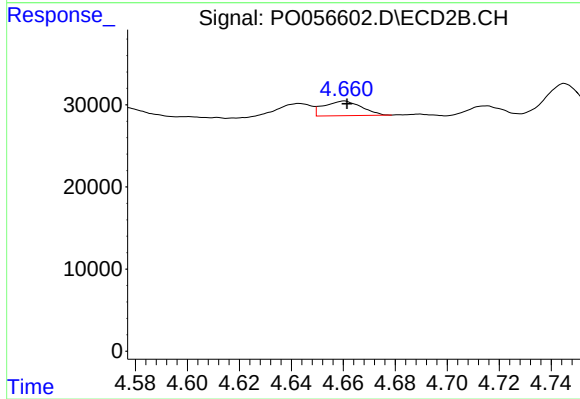
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: 0.044 min
Response: 65458
Conc: 72.86 ng/ml



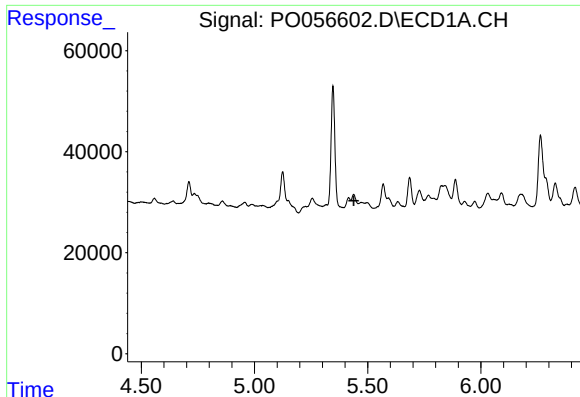
#12 AR-1232-2

R.T.: 5.124 min
Delta R.T.: -0.027 min
Response: 151161
Conc: 227.98 ng/ml



#12 AR-1232-2

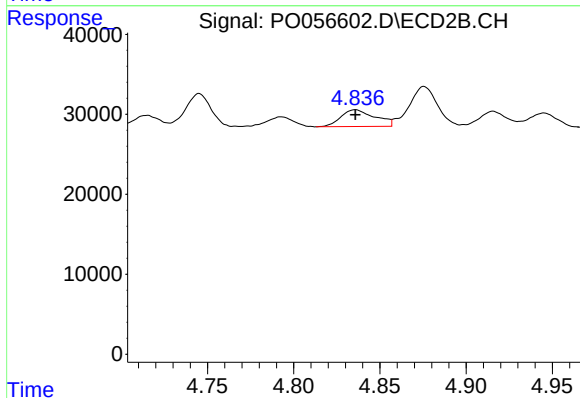
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 18048
Conc: 18.57 ng/ml



#13 AR-1232-3

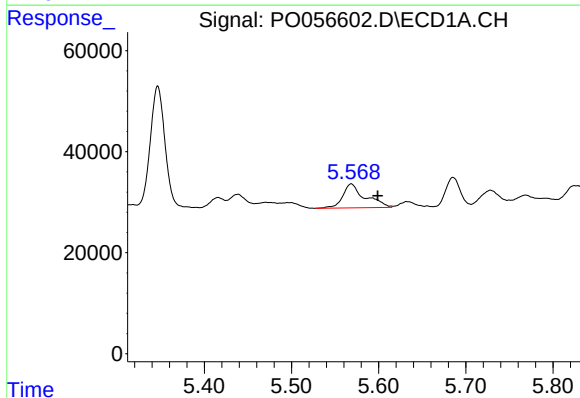
R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



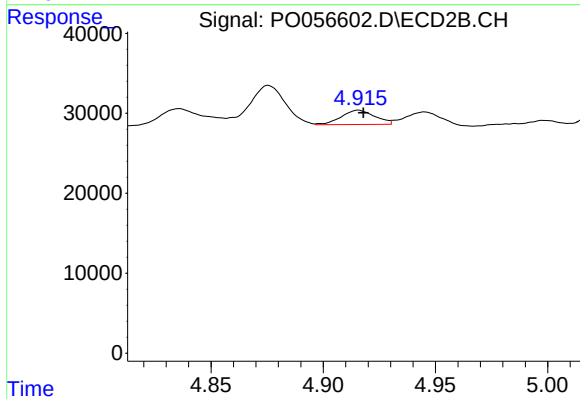
#13 AR-1232-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 28857
Conc: 55.14 ng/ml



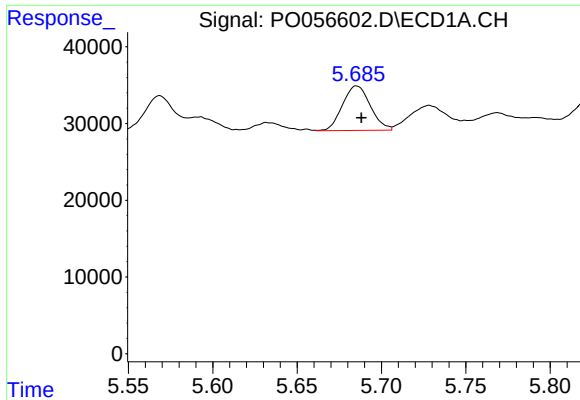
#14 AR-1232-4

R.T.: 5.569 min
Delta R.T.: -0.031 min
Response: 83790
Conc: 119.03 ng/ml



#14 AR-1232-4

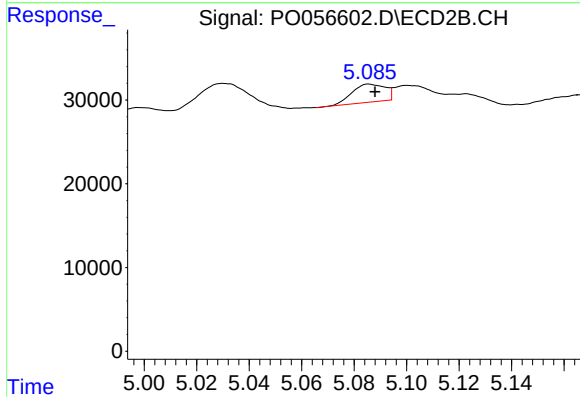
R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 18679
Conc: 37.91 ng/ml



#15 AR-1232-5

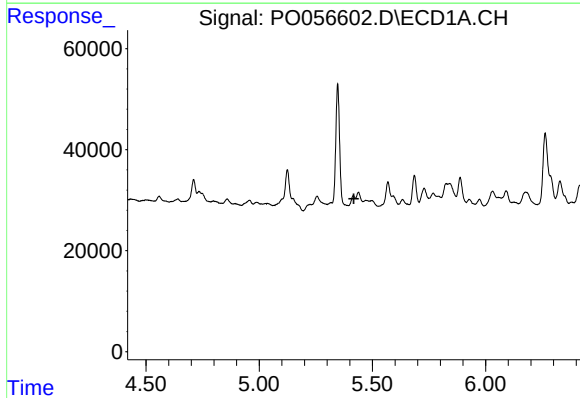
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 66667
Conc: 117.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



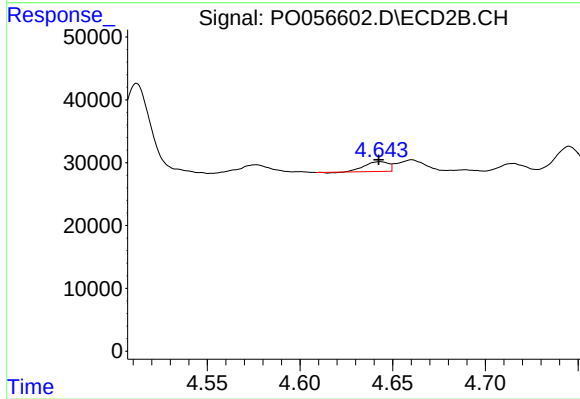
#15 AR-1232-5

R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 18795
Conc: 33.37 ng/ml



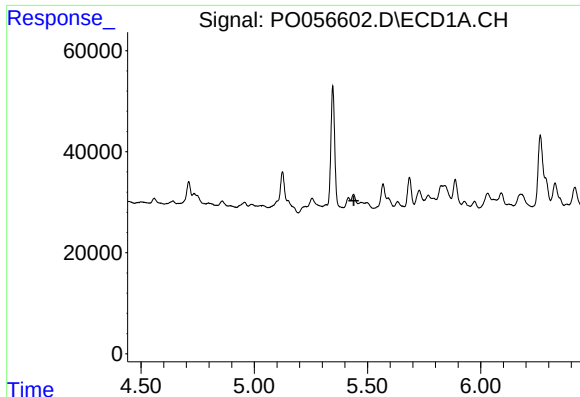
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.418 min
Response: 0
Conc: N.D.



#16 AR-1242-1

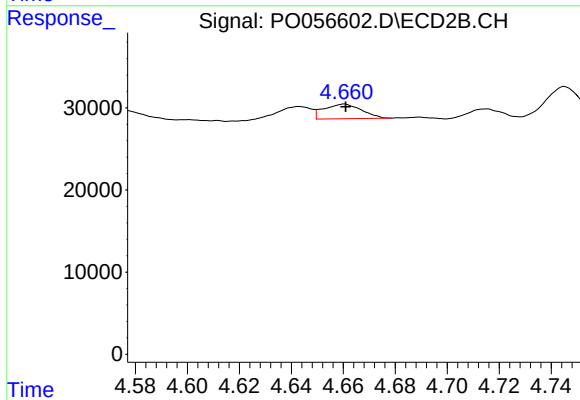
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 13778
Conc: 11.12 ng/ml



#17 AR-1242-2

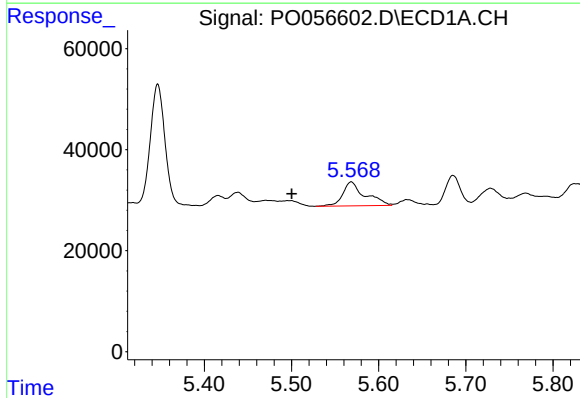
R.T.: 0.000 min
Exp R.T.: 5.440 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



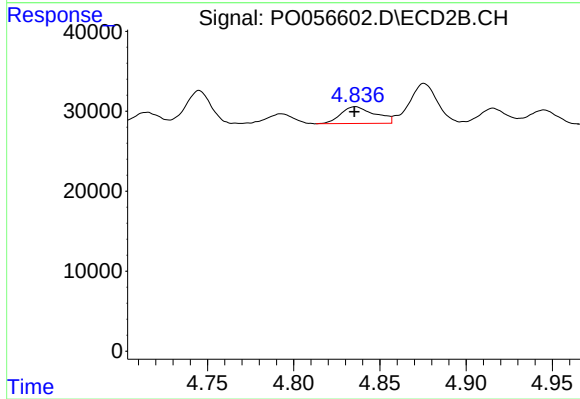
#17 AR-1242-2

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 18048
Conc: 10.04 ng/ml



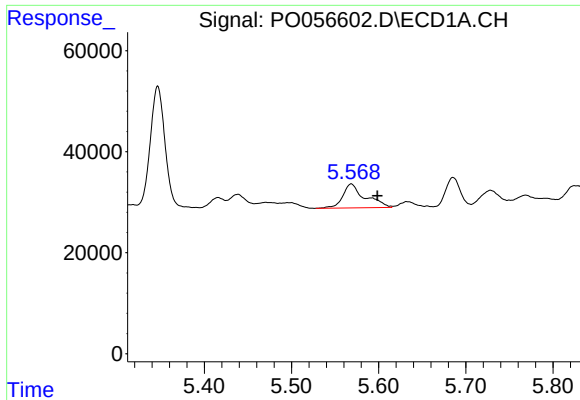
#18 AR-1242-3

R.T.: 5.569 min
Delta R.T.: 0.068 min
Response: 83790
Conc: 51.53 ng/ml



#18 AR-1242-3

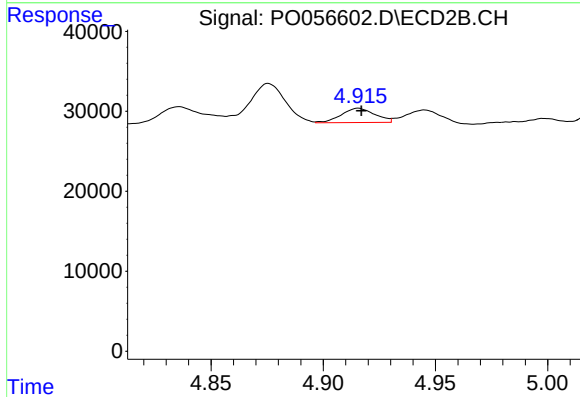
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 28857
Conc: 29.35 ng/ml



#19 AR-1242-4

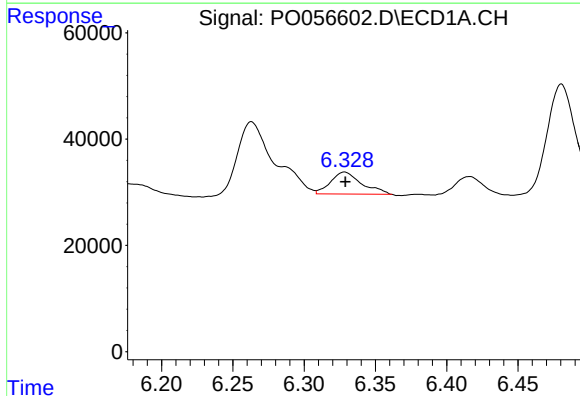
R.T.: 5.569 min
Delta R.T.: -0.030 min
Response: 83790
Conc: 62.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



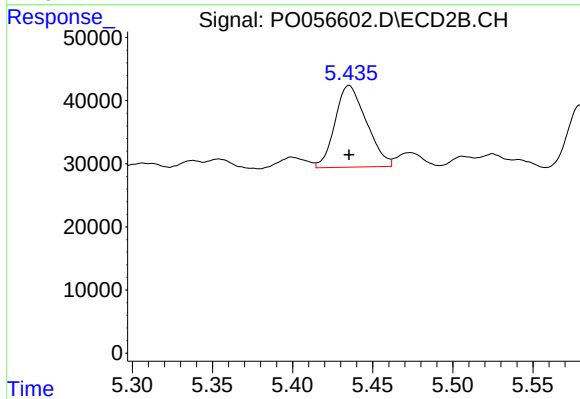
#19 AR-1242-4

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 18679
Conc: 19.20 ng/ml



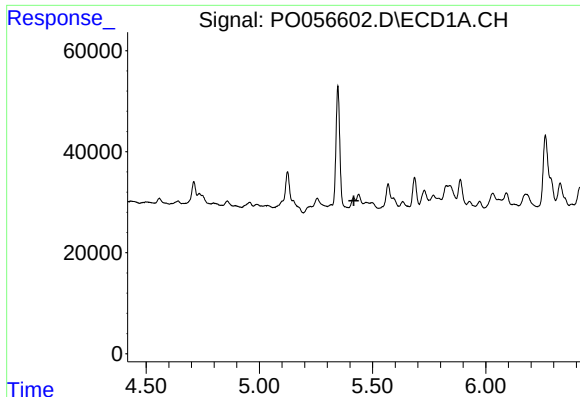
#20 AR-1242-5

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 62666
Conc: 37.98 ng/ml



#20 AR-1242-5

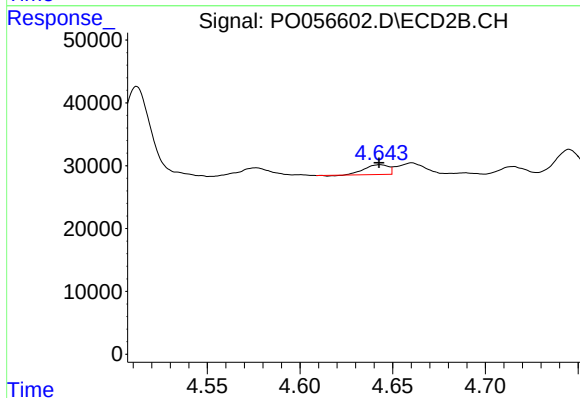
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 176137
Conc: 148.98 ng/ml



#21 AR-1248-1

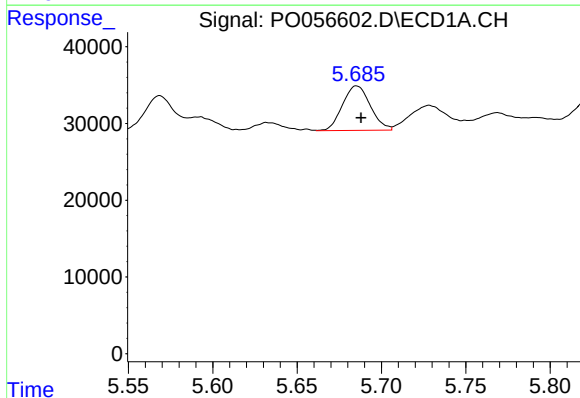
R.T.: 0.000 min
Exp R.T.: 5.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



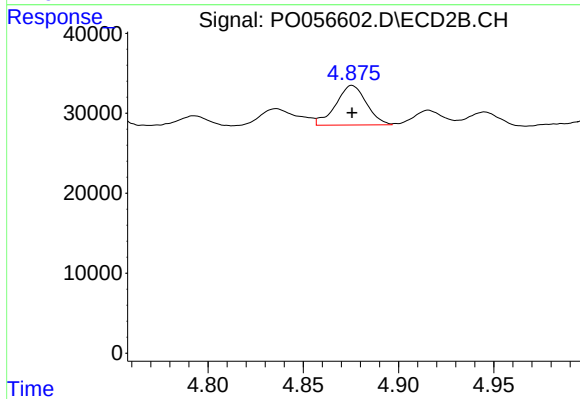
#21 AR-1248-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 13778
Conc: 14.71 ng/ml



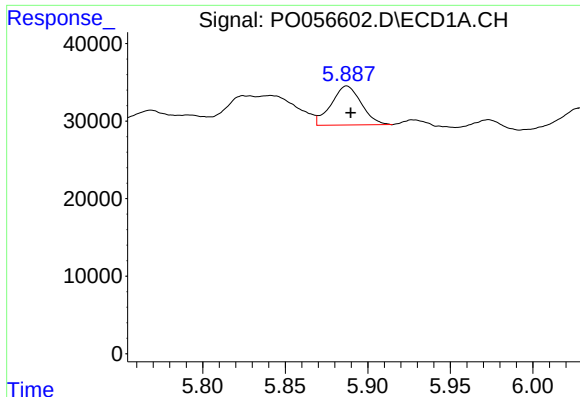
#22 AR-1248-2

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 66667
Conc: 35.79 ng/ml



#22 AR-1248-2

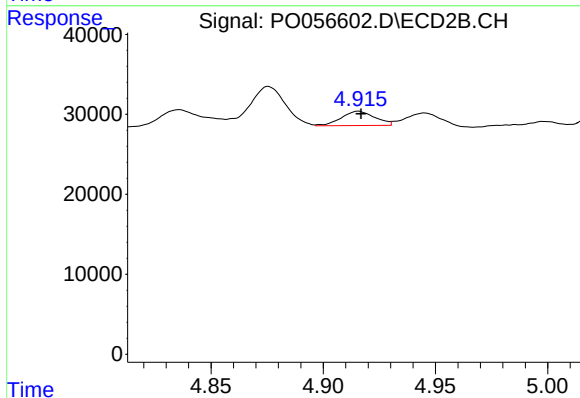
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 55417
Conc: 43.62 ng/ml



#23 AR-1248-3

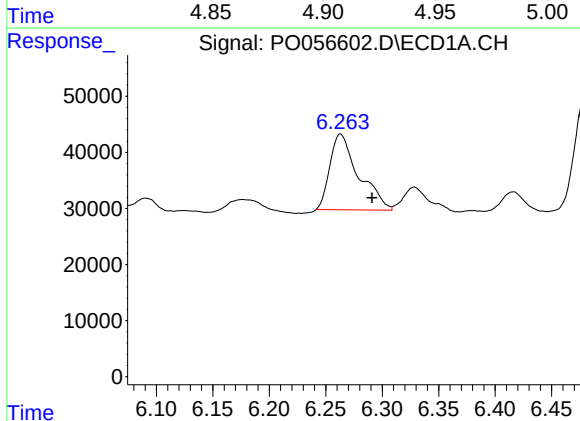
R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 63785
Conc: 31.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



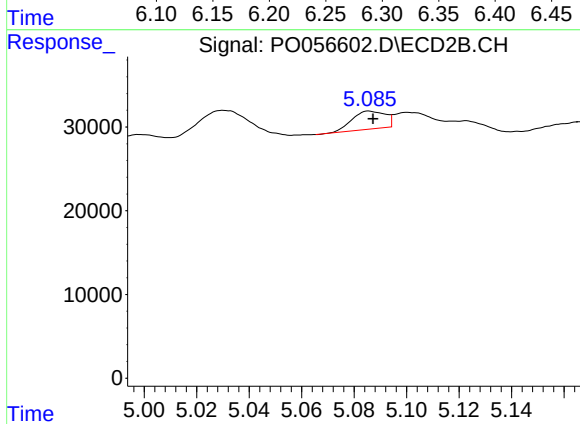
#23 AR-1248-3

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 18679
Conc: 14.30 ng/ml



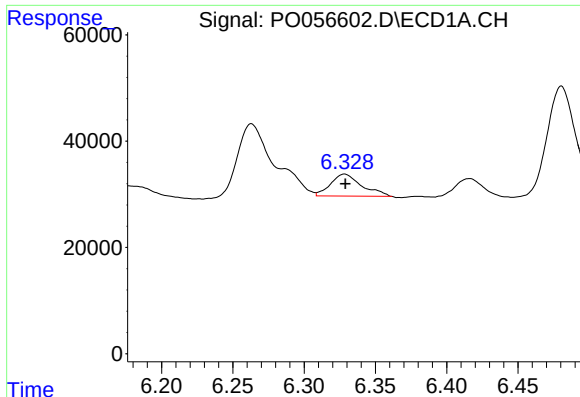
#24 AR-1248-4

R.T.: 6.263 min
Delta R.T.: -0.028 min
Response: 238864
Conc: 103.24 ng/ml



#24 AR-1248-4

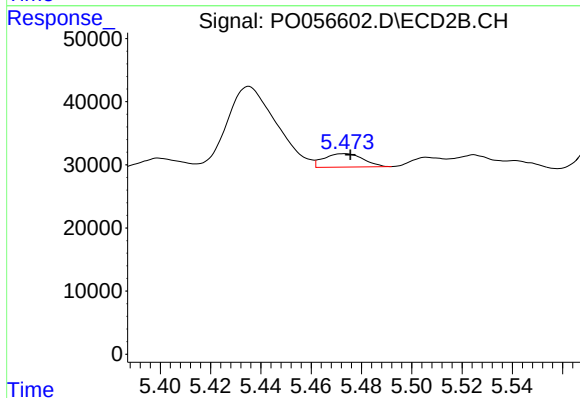
R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 18795
Conc: 11.87 ng/ml



#25 AR-1248-5

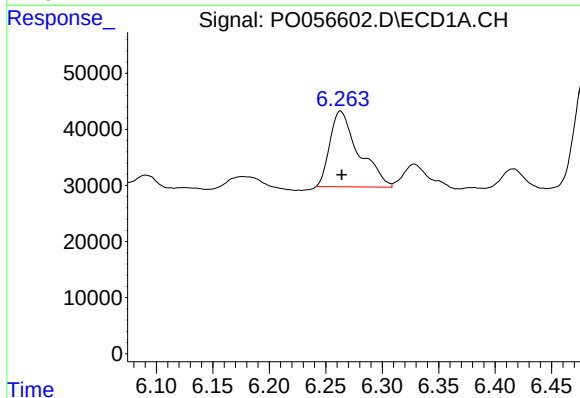
R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 62666
Conc: 28.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



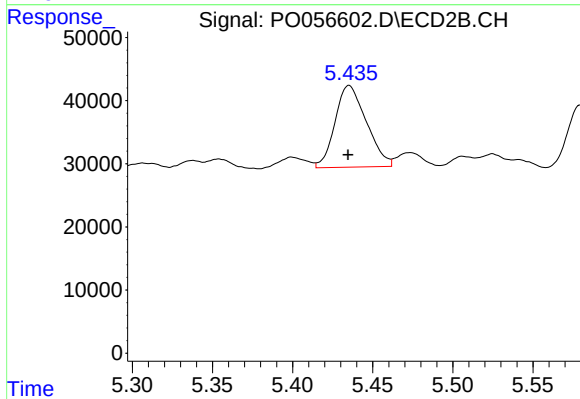
#25 AR-1248-5

R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 23000
Conc: 13.90 ng/ml



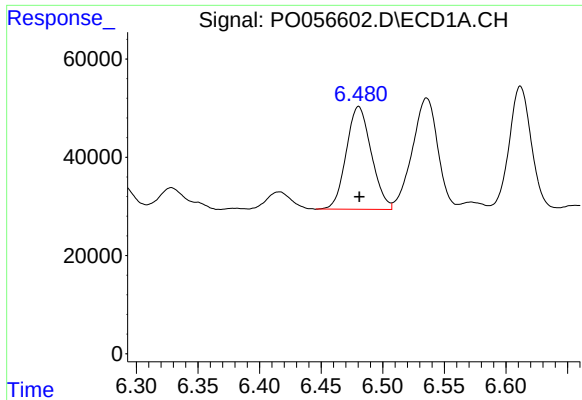
#26 AR-1254-1

R.T.: 6.263 min
Delta R.T.: -0.001 min
Response: 238864
Conc: 86.77 ng/ml



#26 AR-1254-1

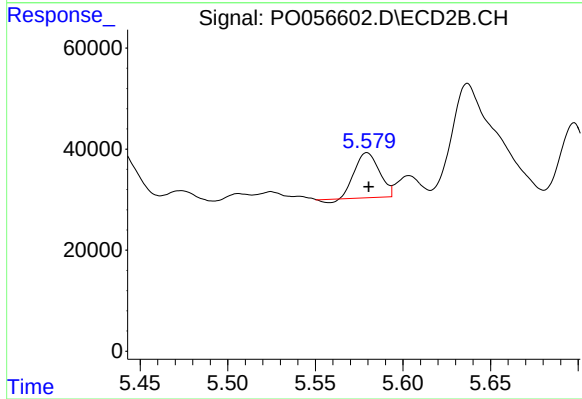
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 176137
Conc: 66.60 ng/ml



#27 AR-1254-2

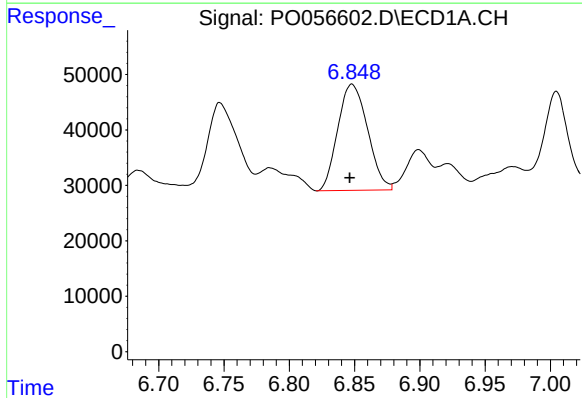
R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 296285
Conc: 76.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



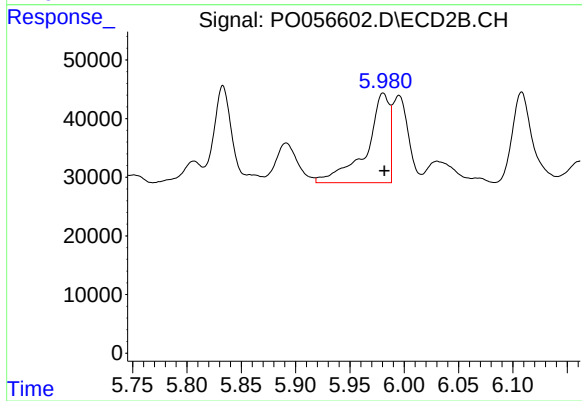
#27 AR-1254-2

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 86155
Conc: 39.96 ng/ml



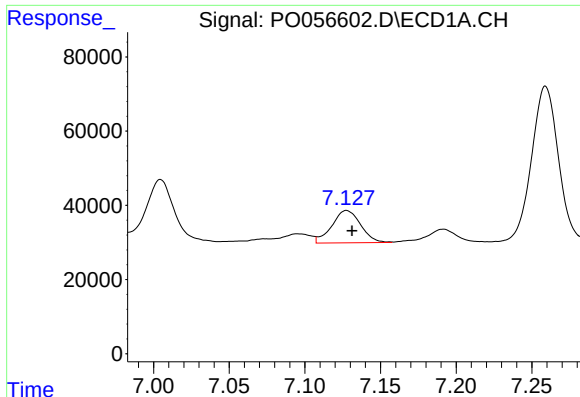
#28 AR-1254-3

R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 304298
Conc: 73.80 ng/ml



#28 AR-1254-3

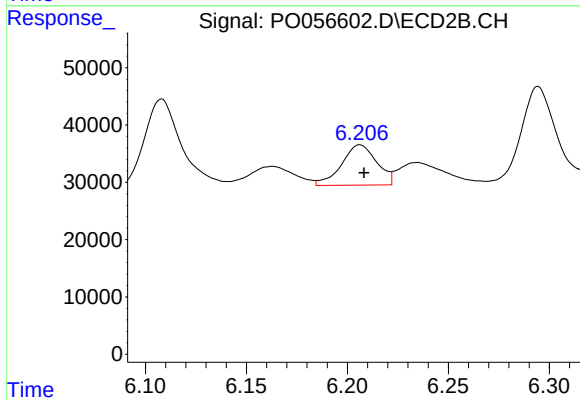
R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 225938
Conc: 61.71 ng/ml



#29 AR-1254-4

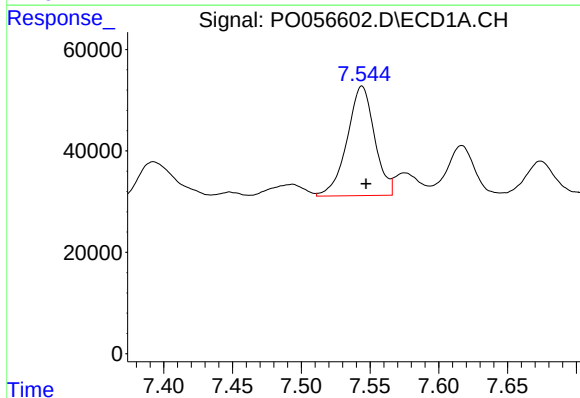
R.T.: 7.128 min
Delta R.T.: -0.003 min
Response: 115325
Conc: 38.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



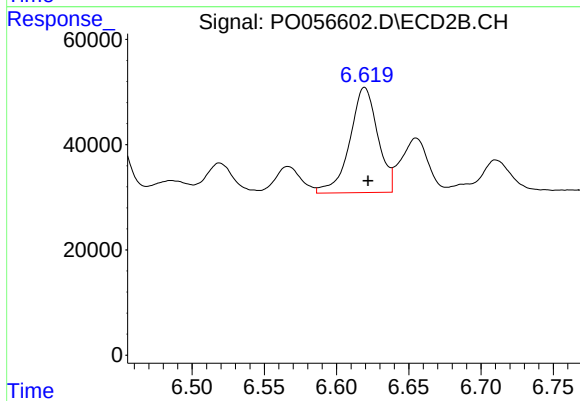
#29 AR-1254-4

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 85529
Conc: 38.93 ng/ml



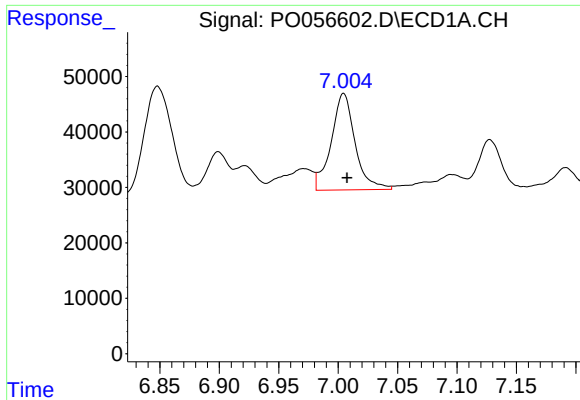
#30 AR-1254-5

R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 300004
Conc: 79.67 ng/ml



#30 AR-1254-5

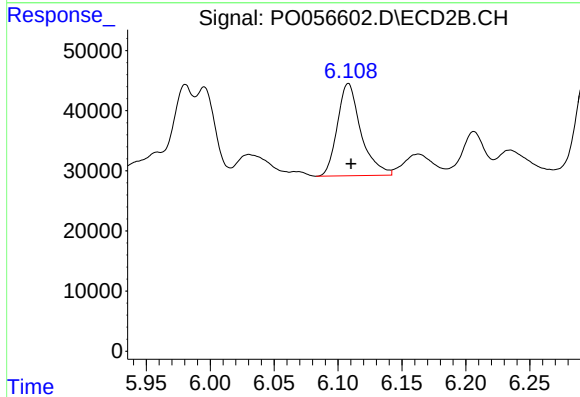
R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 269872
Conc: 85.13 ng/ml



#31 AR-1260-1

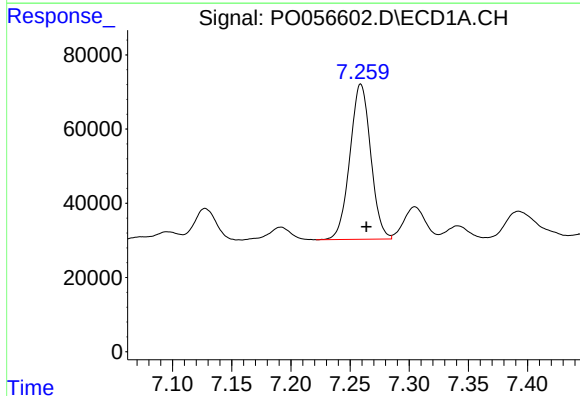
R.T.: 7.005 min
Delta R.T.: -0.003 min
Response: 243998
Conc: 95.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



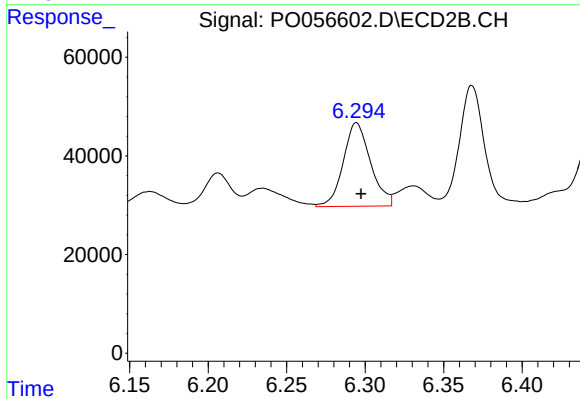
#31 AR-1260-1

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 196907
Conc: 98.43 ng/ml



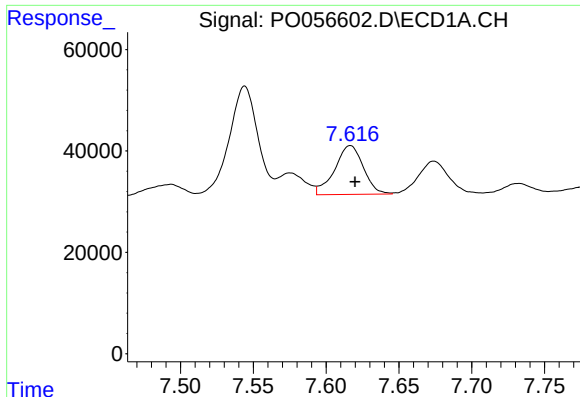
#32 AR-1260-2

R.T.: 7.259 min
Delta R.T.: -0.005 min
Response: 512029
Conc: 169.31 ng/ml



#32 AR-1260-2

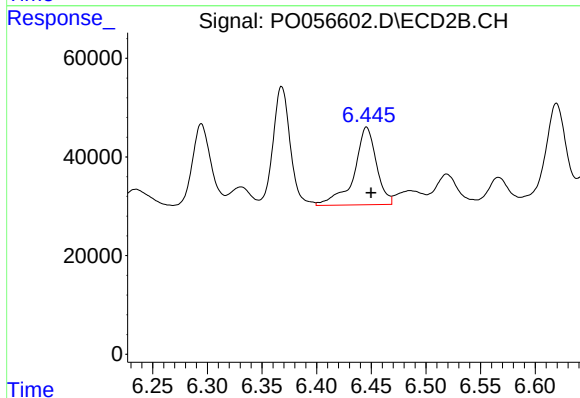
R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 204745
Conc: 83.06 ng/ml



#33 AR-1260-3

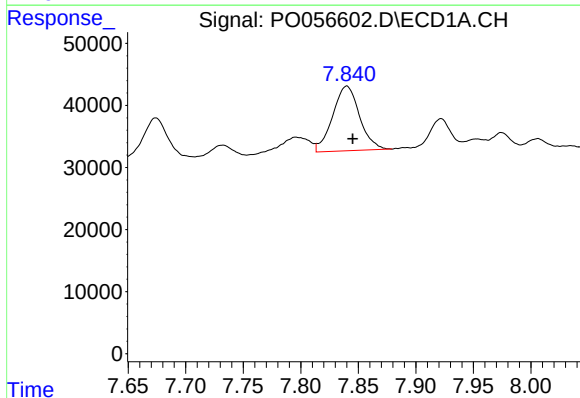
R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 132341
Conc: 54.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



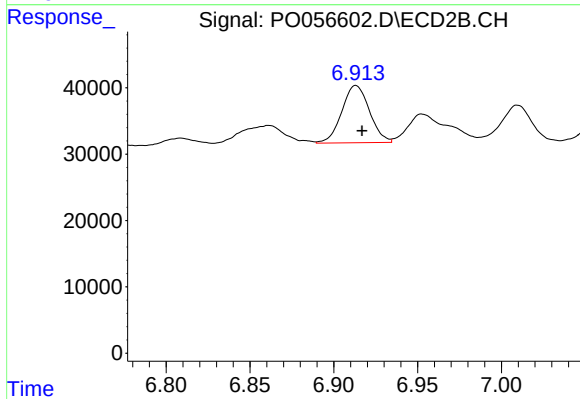
#33 AR-1260-3

R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 224607
Conc: 100.13 ng/ml



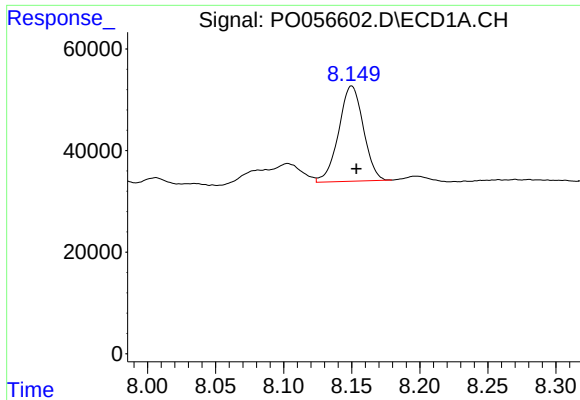
#34 AR-1260-4

R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 170049
Conc: 64.92 ng/ml



#34 AR-1260-4

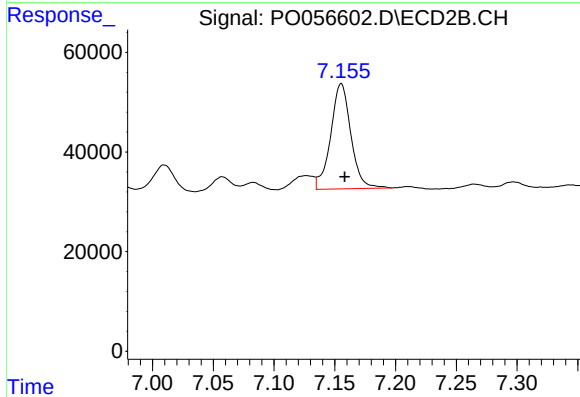
R.T.: 6.913 min
Delta R.T.: -0.004 min
Response: 99386
Conc: 53.40 ng/ml



#35 AR-1260-5

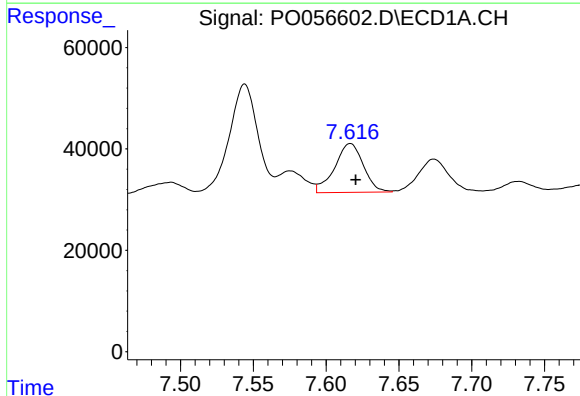
R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 236471
Conc: 49.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



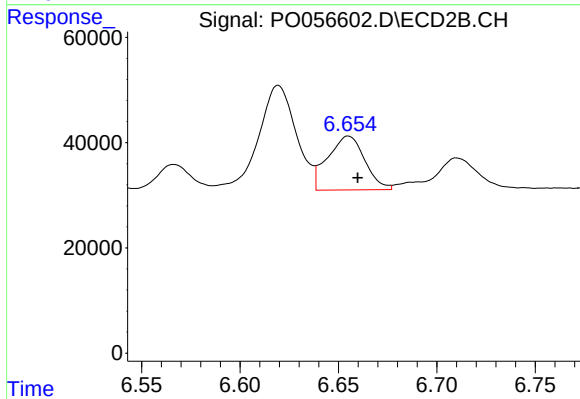
#35 AR-1260-5

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 244883
Conc: 56.79 ng/ml



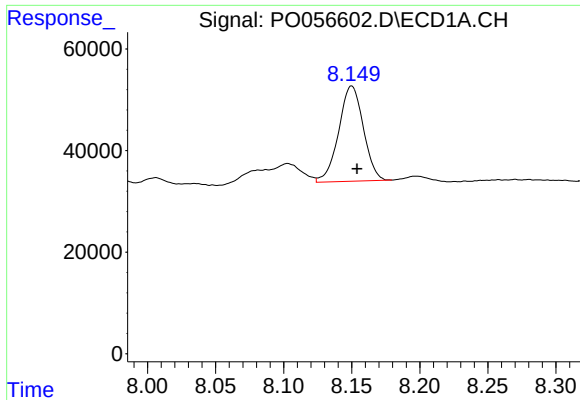
#36 AR-1262-1

R.T.: 7.617 min
Delta R.T.: -0.004 min
Response: 132341
Conc: 28.30 ng/ml



#36 AR-1262-1

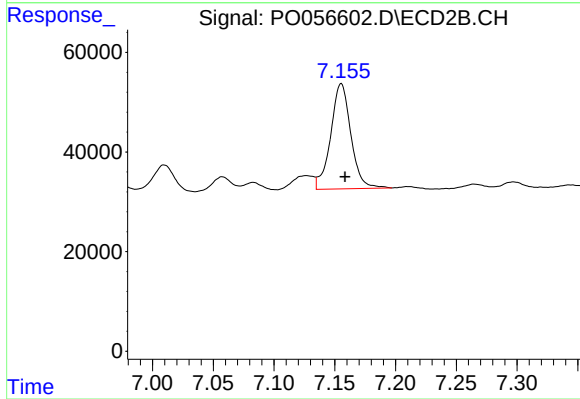
R.T.: 6.655 min
Delta R.T.: -0.005 min
Response: 134423
Conc: 32.20 ng/ml



#37 AR-1262-2

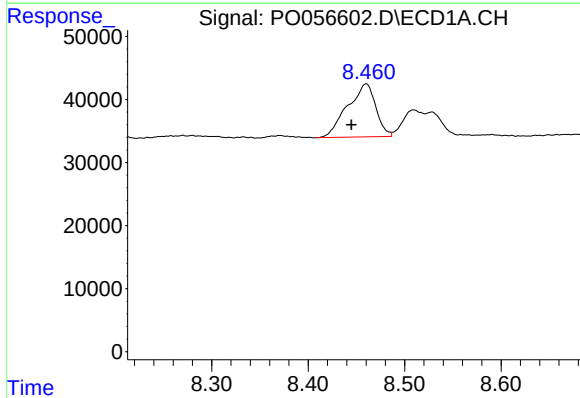
R.T.: 8.150 min
Delta R.T.: -0.004 min
Response: 236471
Conc: 31.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



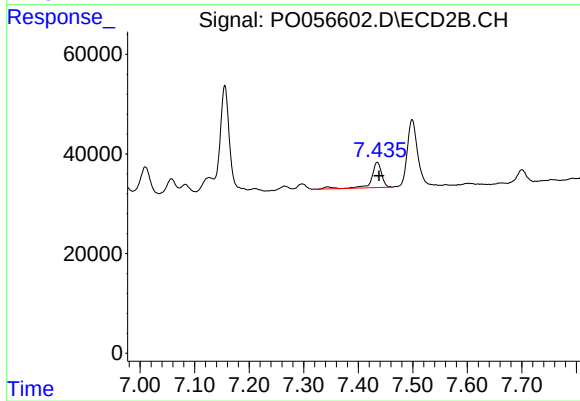
#37 AR-1262-2

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 244883
Conc: 35.64 ng/ml



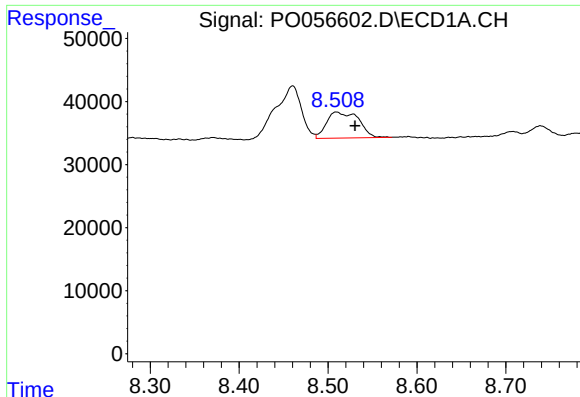
#38 AR-1262-3

R.T.: 8.460 min
Delta R.T.: 0.015 min
Response: 170934
Conc: 32.66 ng/ml



#38 AR-1262-3

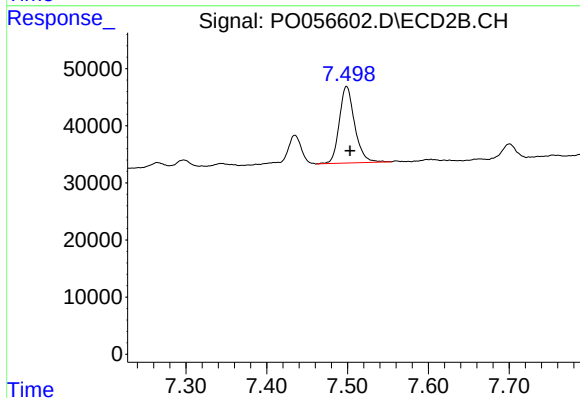
R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 67379
Conc: 22.81 ng/ml



#39 AR-1262-4

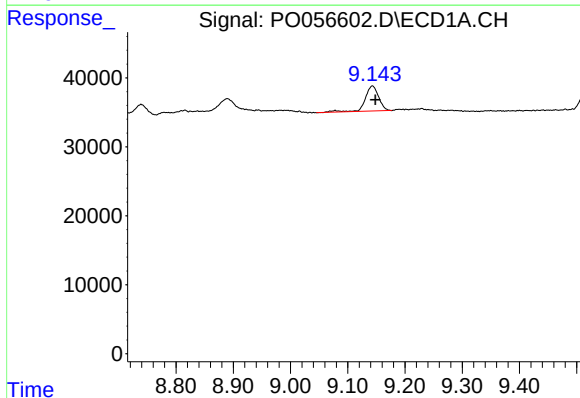
R.T.: 8.510 min
Delta R.T.: -0.021 min
Response: 103807
Conc: 24.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



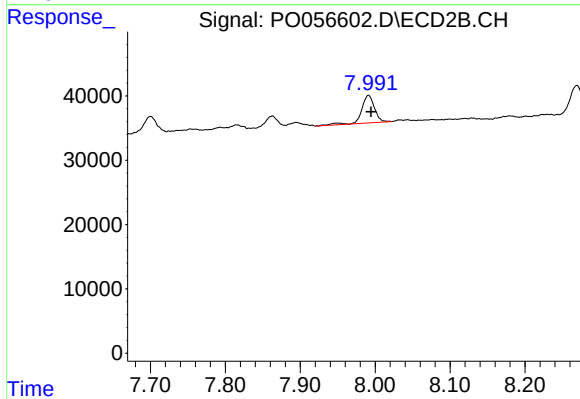
#39 AR-1262-4

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 176837
Conc: 33.94 ng/ml



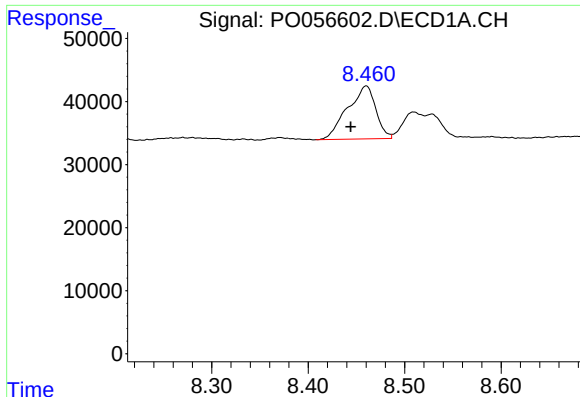
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 59551
Conc: 21.67 ng/ml



#40 AR-1262-5

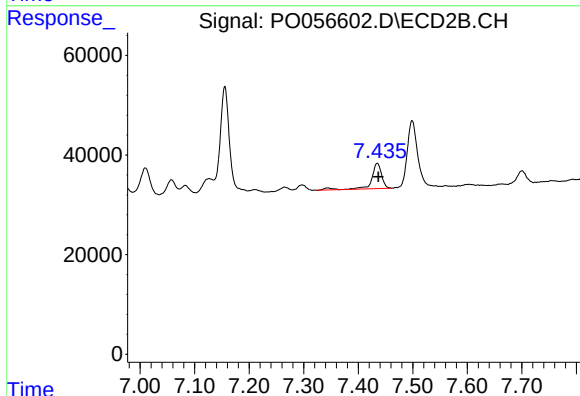
R.T.: 7.991 min
Delta R.T.: -0.004 min
Response: 51999
Conc: 22.39 ng/ml



#41 AR-1268-1

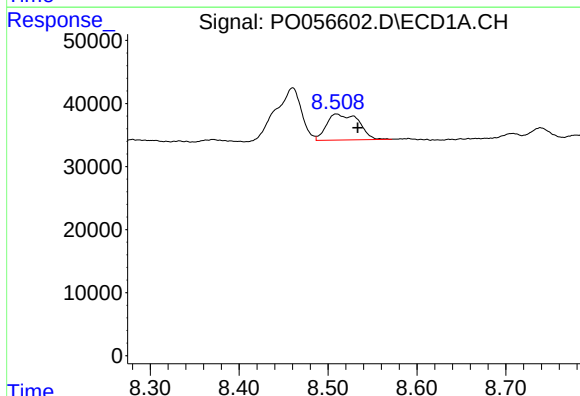
R.T.: 8.460 min
Delta R.T.: 0.016 min
Response: 170934
Conc: 21.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



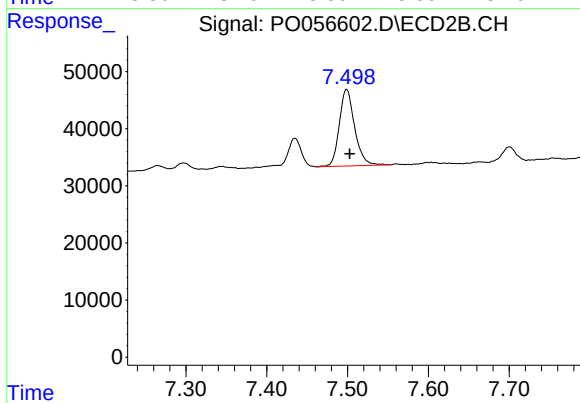
#41 AR-1268-1

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 67379
Conc: 9.03 ng/ml



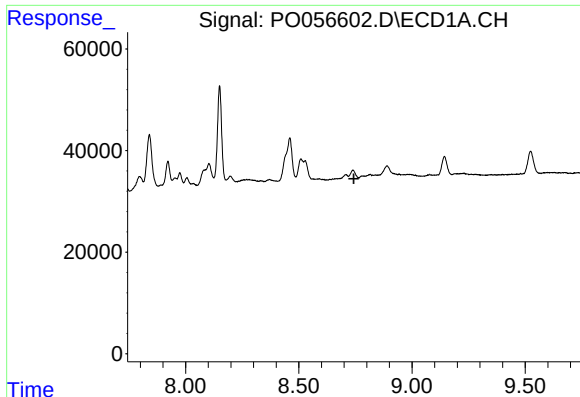
#42 AR-1268-2

R.T.: 8.510 min
Delta R.T.: -0.024 min
Response: 103807
Conc: 12.83 ng/ml



#42 AR-1268-2

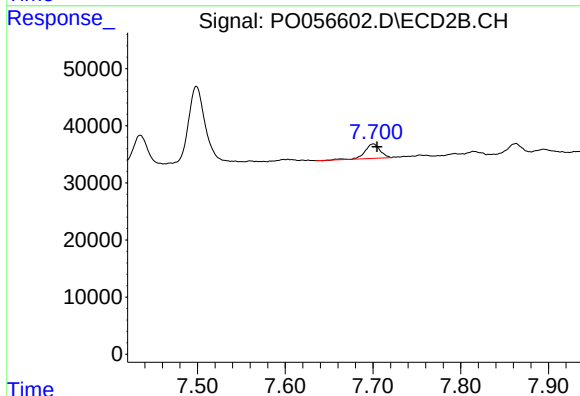
R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 176837
Conc: 25.32 ng/ml



#43 AR-1268-3

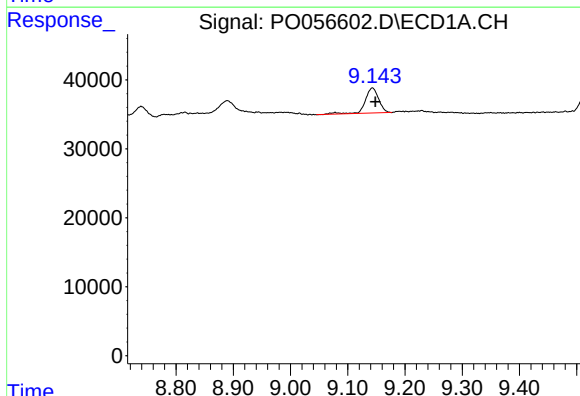
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



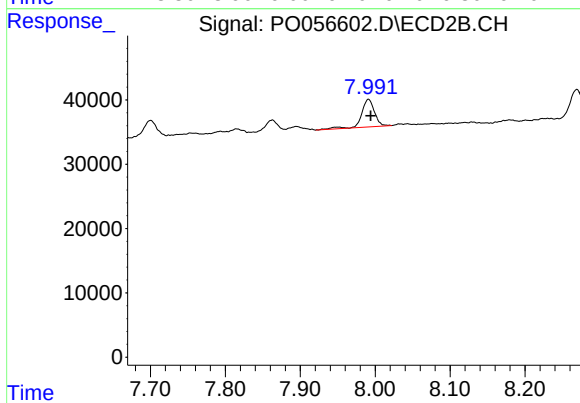
#43 AR-1268-3

R.T.: 7.700 min
Delta R.T.: -0.004 min
Response: 29919
Conc: 5.04 ng/ml



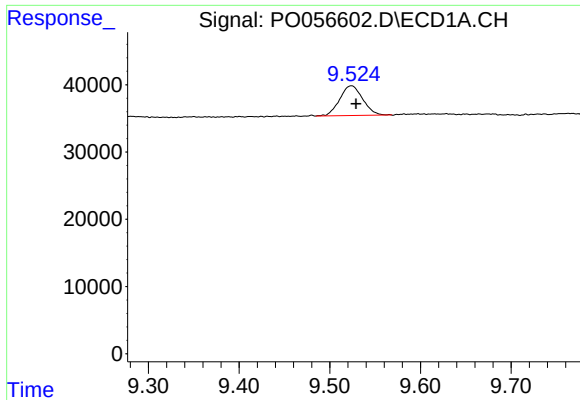
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 59551
Conc: 21.84 ng/ml



#44 AR-1268-4

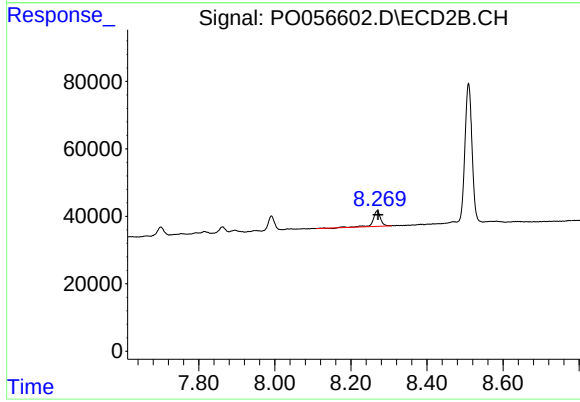
R.T.: 7.991 min
Delta R.T.: -0.003 min
Response: 51999
Conc: 22.28 ng/ml



#45 AR-1268-5

R.T.: 9.524 min
Delta R.T.: -0.005 min
Response: 77601
Conc: 3.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 61167
Conc: 3.53 ng/ml