

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031120\
 Data File : P0067155.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Mar 2020 3:50
 Operator : DD\AJ
 Sample : L1859-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-7-SA

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 08:21:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 11 15:01:31 2020
 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...	4.112	3.397	644055	811489	20.604	20.738
2)	SA Decachlor...	9.573	8.272	673713	934006	18.547	19.183
Target Compounds							
3)	L1 AR-1016-1	5.280	4.465	294318	324400	250.464	238.353
4)	L1 AR-1016-2	5.280	4.465	294318	324400	166.091	128.516
5)	L1 AR-1016-3	5.344	4.638	24952	130994	24.174	112.453 #
6)	L1 AR-1016-4	5.436	4.679	111884	218925	126.000	219.602 #
7)	L1 AR-1016-5	5.726	4.887	207645	280128	241.551	231.725
9)	L2 AR-1221-2	4.410	3.689	20642	17375	88.426	56.772 #
10)	L2 AR-1221-3	4.410	3.760	20642	5917	26.943	5.909 #
11)	L3 AR-1232-1	4.410	3.760	20642	5917	36.817	7.857 #
12)	L3 AR-1232-2	4.994	4.465	110385	324400	370.570	372.655
13)	L3 AR-1232-3	5.280	4.638	294318	130994	492.236	339.168 #
14)	L3 AR-1232-4	5.436	4.719	111884	247522	377.181	688.081 #
15)	L3 AR-1232-5	5.525	4.887	168441	280128	794.485	740.835
16)	L4 AR-1242-1	5.280	4.465	294318	324400	402.184	380.111
17)	L4 AR-1242-2	5.280	4.465	294318	324400	264.974	207.542
18)	L4 AR-1242-3	5.344	4.638	24952	130994	38.068	180.842 #
19)	L4 AR-1242-4	5.436	4.719	111884	247522	201.958	336.198 #
20)	L4 AR-1242-5	6.161	5.232	347393	450643	511.557	468.632
21)	L5 AR-1248-1	5.280	4.465	294318	324400	524.076	479.780
22)	L5 AR-1248-2	5.525	4.679	168441	218925	220.081	212.313
23)	L5 AR-1248-3	5.726	4.719	207645	247522	226.835	234.238
24)	L5 AR-1248-4	6.124	4.887	282054	280128	245.188	223.478
25)	L5 AR-1248-5	6.161	5.272	347393	373776	305.475	296.490
26)	L6 AR-1254-1	6.096	5.232	208942	450643	174.941	218.614
27)	L6 AR-1254-2	6.316	5.378	358558	169983	186.528	92.498 #
28)	L6 AR-1254-3	6.674	5.773	265744	347308	131.922	115.408
29)	L6 AR-1254-4	6.958	6.001	128802	162334	75.650	89.838
30)	L6 AR-1254-5	7.371	6.412	183619	227140	104.238	80.007
31)	L7 AR-1260-1	6.835	5.902	95068	226808	53.584	94.550 #
32)	L7 AR-1260-2	7.089	6.089	148083	161749	56.680	53.604
33)	L7 AR-1260-3	7.445	6.238	107489	149352	48.843	53.747
34)	L7 AR-1260-4	7.667	6.703	124766	125404	61.106	51.092
35)	L7 AR-1260-5	7.974	6.947	239749	321026	50.023	54.986
36)	L8 AR-1262-1	7.445	6.412	107489	227140	40.286	159.178 #
37)	L8 AR-1262-2	7.974	6.947	239749	321026	55.114	62.213
38)	L8 AR-1262-3	8.266	7.224	142948	95359	51.186	44.511
39)	L8 AR-1262-4	8.320	7.288	91660	230901	43.323	58.289 #
40)	L8 AR-1262-5	8.922	7.782	73925	102293	52.680	55.315
41)	L9 AR-1268-1	8.266	7.224	142948	95359	24.797	14.482 #
42)	L9 AR-1268-2	8.320	7.288	91660	230901	18.744	37.961 #

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 Misc :
 ALS Vial : 46 Sample Multiplier: 1

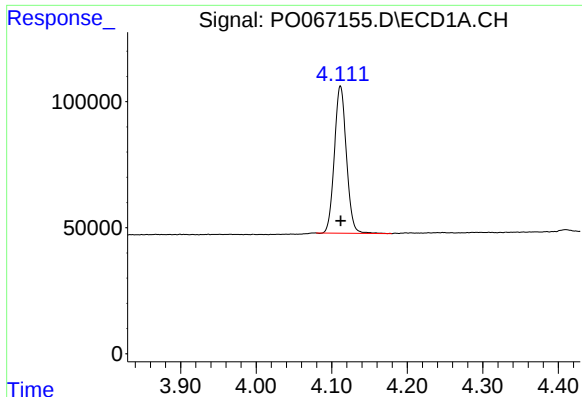
Instrument :
 ECD_O
 ClientSampleId :
 TP-7-SA

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 08:21:45 2020
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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
43) L9	AR-1268-3	8.537	7.488	33156	27492	7.905	5.447 #
44) L9	AR-1268-4	8.922	7.782	73925	102293	43.798	45.187
45) L9	AR-1268-5	9.282	8.049	44750	61877	3.566	3.832

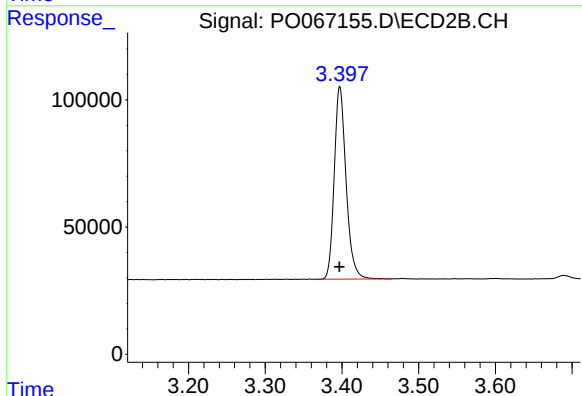
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

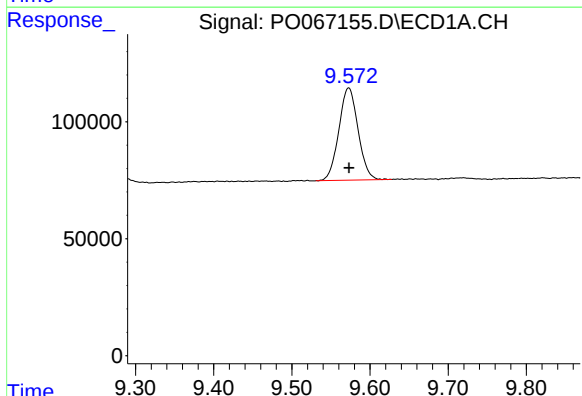
R.T.: 4.112 min
Delta R.T.: 0.000 min
Response: 644055
Conc: 20.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



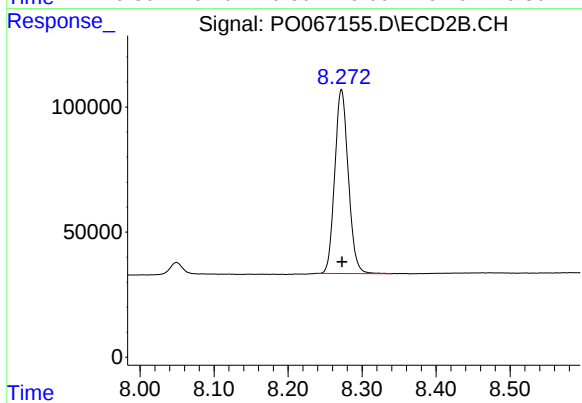
#1 Tetrachloro-m-xylene

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 811489
Conc: 20.74 ng/ml



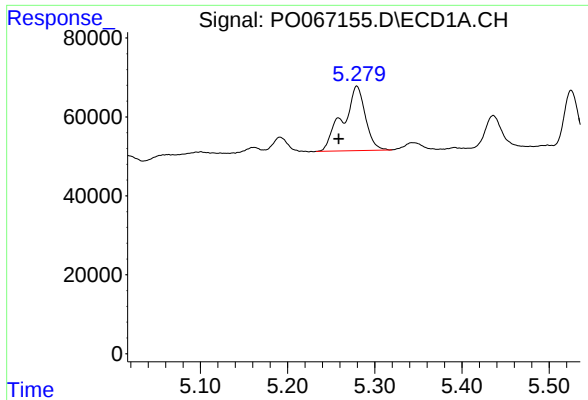
#2 Decachlorobiphenyl

R.T.: 9.573 min
Delta R.T.: 0.000 min
Response: 673713
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

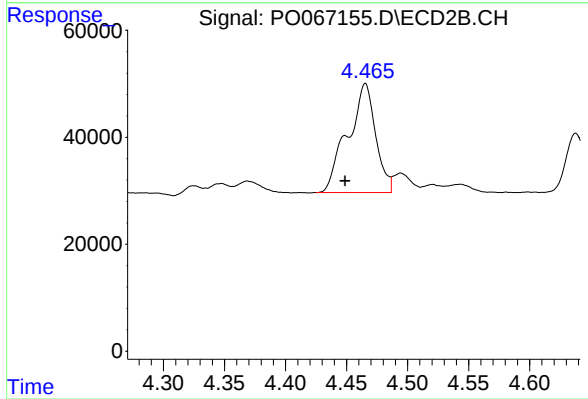
R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 934006
Conc: 19.18 ng/ml



#3 AR-1016-1

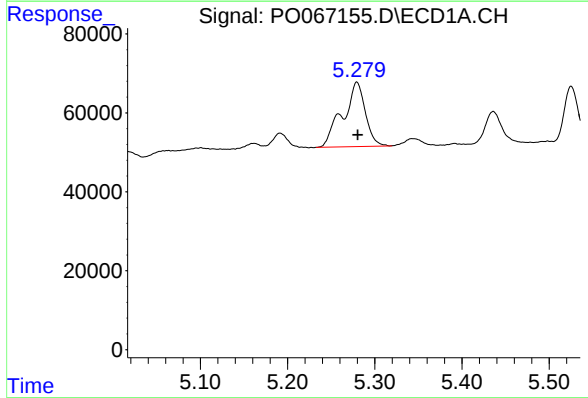
R.T.: 5.280 min
Delta R.T.: 0.021 min
Response: 294318
Conc: 250.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



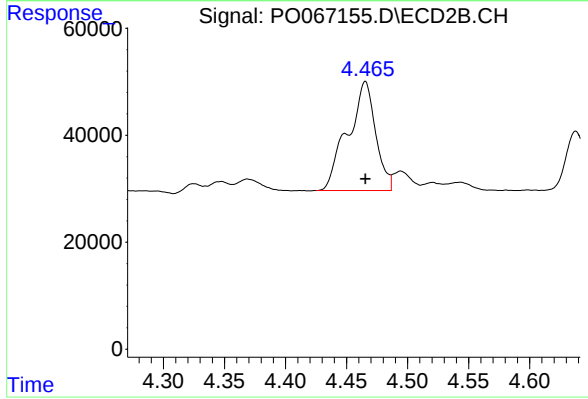
#3 AR-1016-1

R.T.: 4.465 min
Delta R.T.: 0.017 min
Response: 324400
Conc: 238.35 ng/ml



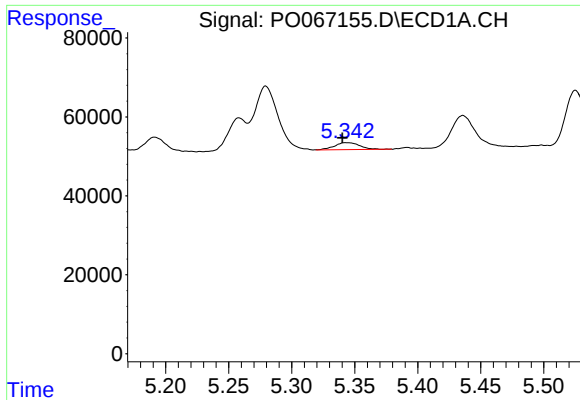
#4 AR-1016-2

R.T.: 5.280 min
Delta R.T.: -0.001 min
Response: 294318
Conc: 166.09 ng/ml



#4 AR-1016-2

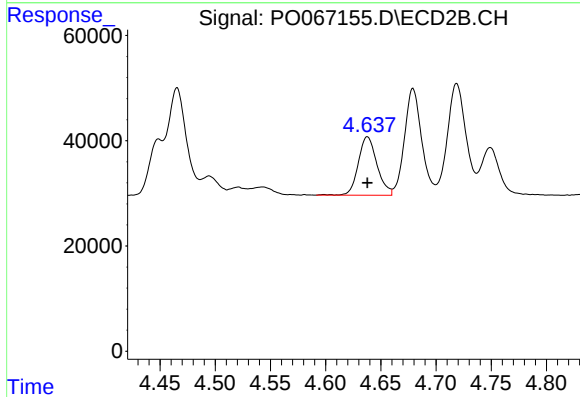
R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 324400
Conc: 128.52 ng/ml



#5 AR-1016-3

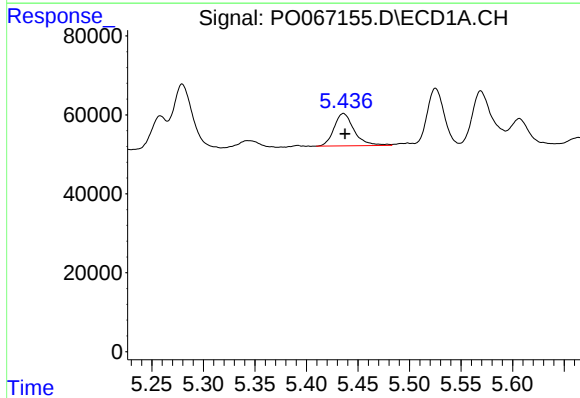
R.T.: 5.344 min
Delta R.T.: 0.004 min
Response: 24952
Conc: 24.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



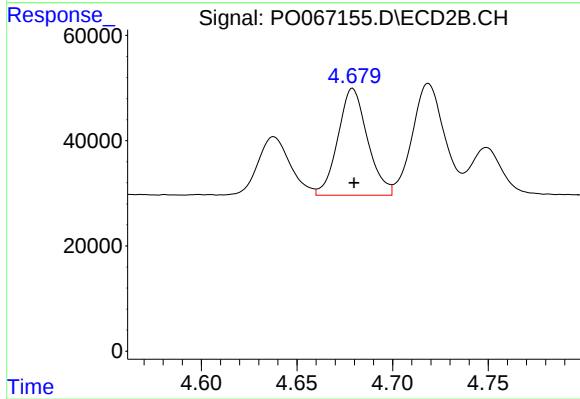
#5 AR-1016-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 130994
Conc: 112.45 ng/ml



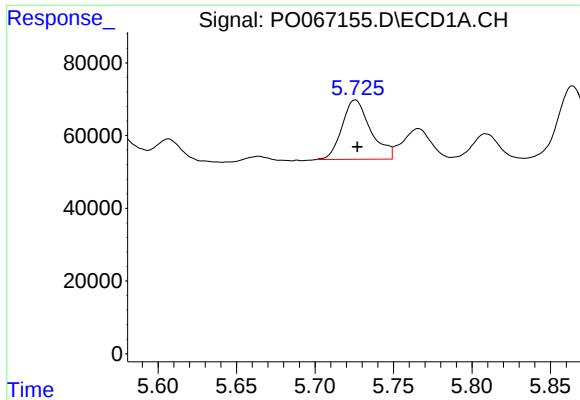
#6 AR-1016-4

R.T.: 5.436 min
Delta R.T.: -0.002 min
Response: 111884
Conc: 126.00 ng/ml



#6 AR-1016-4

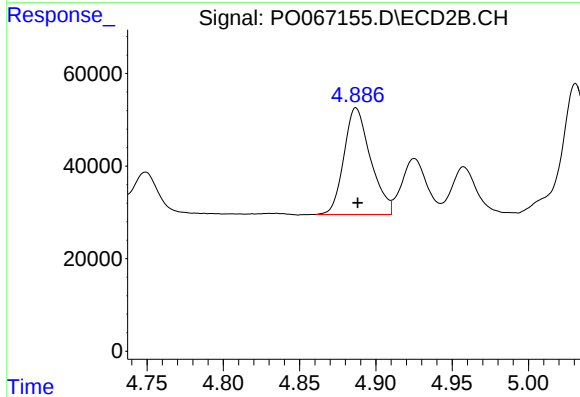
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 218925
Conc: 219.60 ng/ml



#7 AR-1016-5

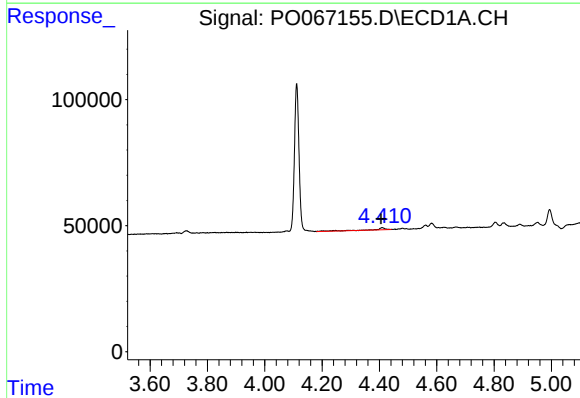
R.T.: 5.726 min
Delta R.T.: -0.001 min
Response: 207645
Conc: 241.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



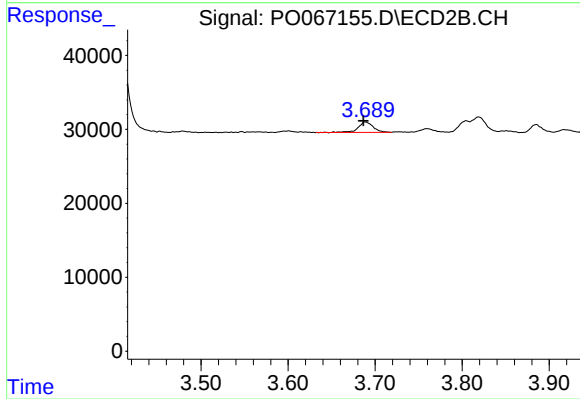
#7 AR-1016-5

R.T.: 4.887 min
Delta R.T.: -0.001 min
Response: 280128
Conc: 231.73 ng/ml



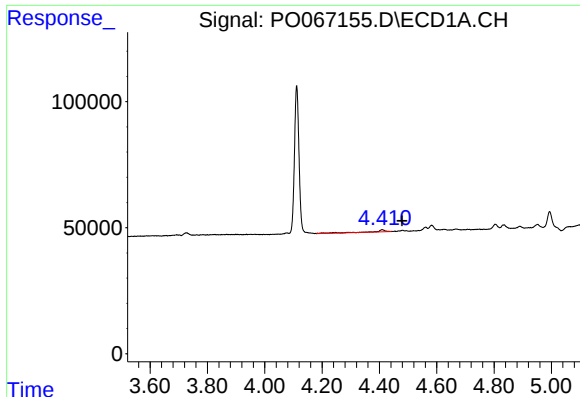
#9 AR-1221-2

R.T.: 4.410 min
Delta R.T.: 0.005 min
Response: 20642
Conc: 88.43 ng/ml



#9 AR-1221-2

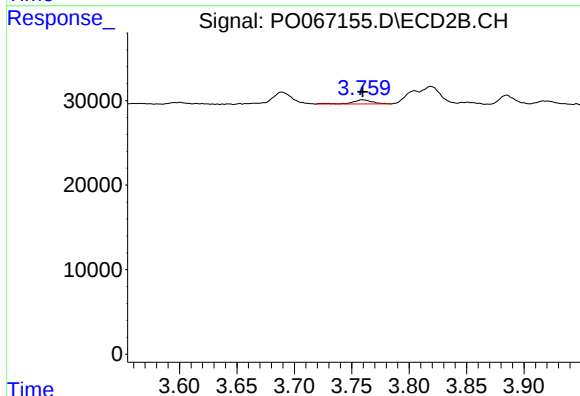
R.T.: 3.689 min
Delta R.T.: 0.002 min
Response: 17375
Conc: 56.77 ng/ml



#10 AR-1221-3

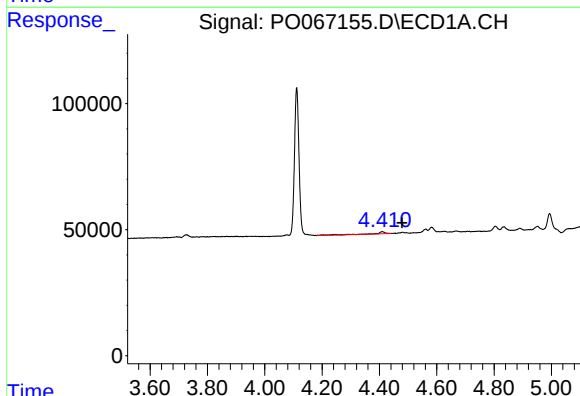
R.T.: 4.410 min
Delta R.T.: -0.070 min
Response: 20642
Conc: 26.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



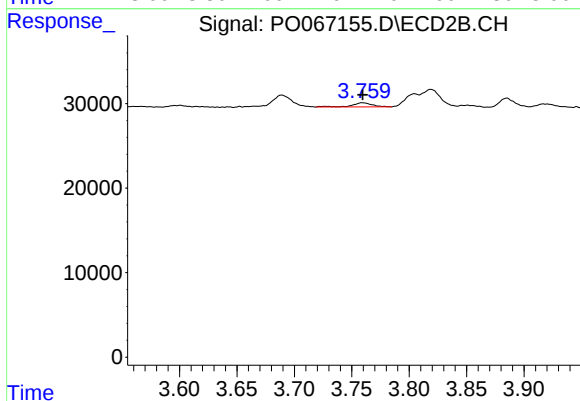
#10 AR-1221-3

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 5917
Conc: 5.91 ng/ml



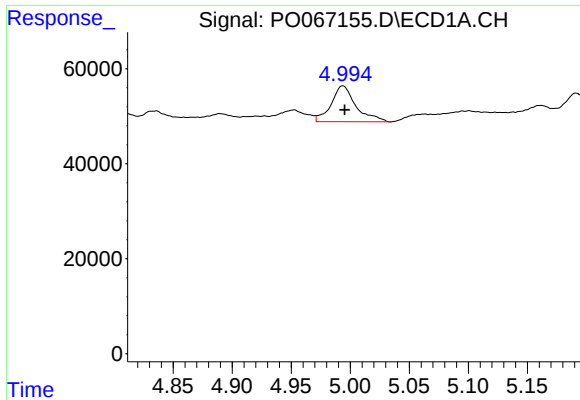
#11 AR-1232-1

R.T.: 4.410 min
Delta R.T.: -0.069 min
Response: 20642
Conc: 36.82 ng/ml



#11 AR-1232-1

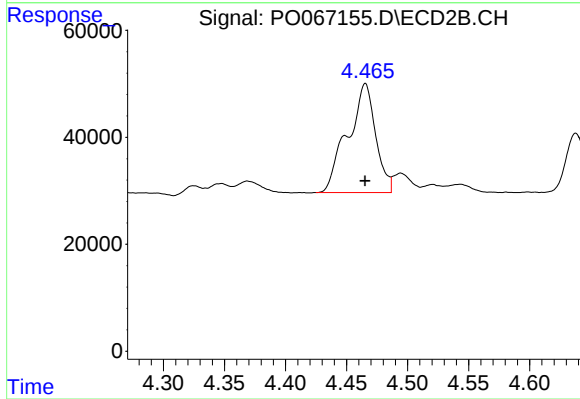
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 5917
Conc: 7.86 ng/ml



#12 AR-1232-2

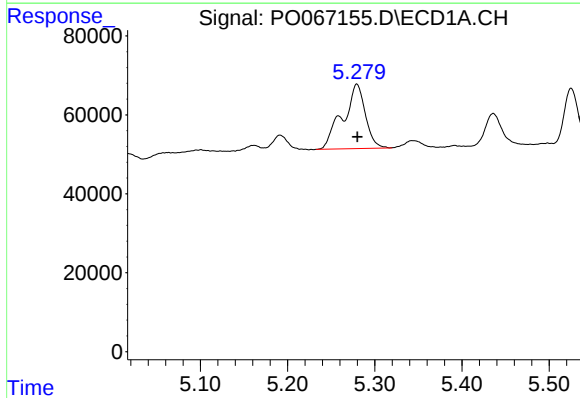
R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 110385
Conc: 370.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



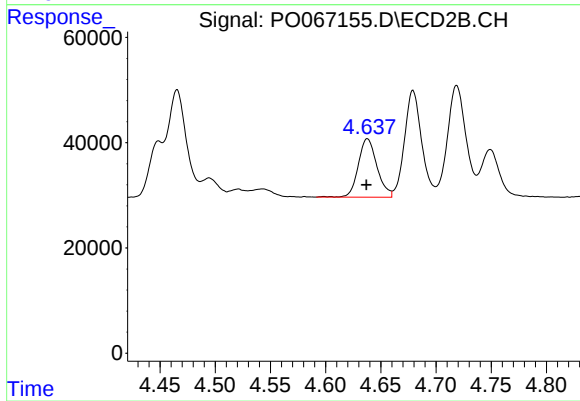
#12 AR-1232-2

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 324400
Conc: 372.66 ng/ml



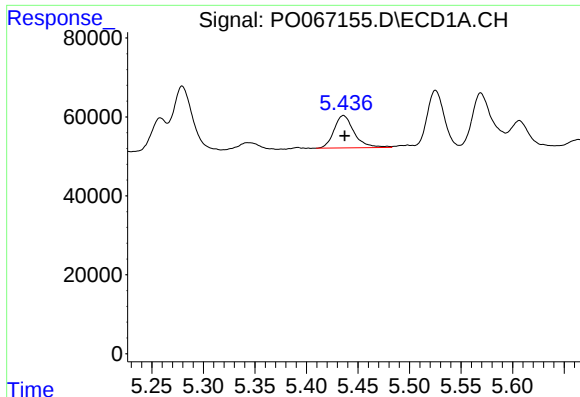
#13 AR-1232-3

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 294318
Conc: 492.24 ng/ml



#13 AR-1232-3

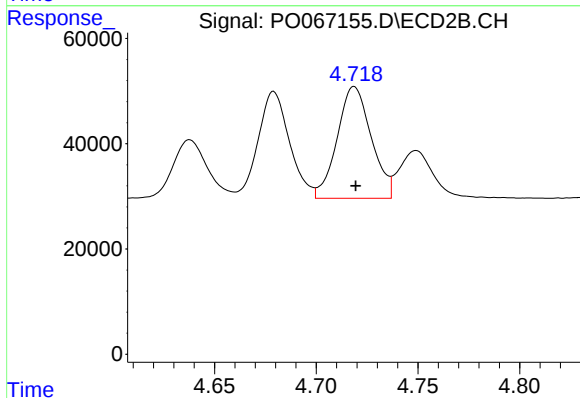
R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 130994
Conc: 339.17 ng/ml



#14 AR-1232-4

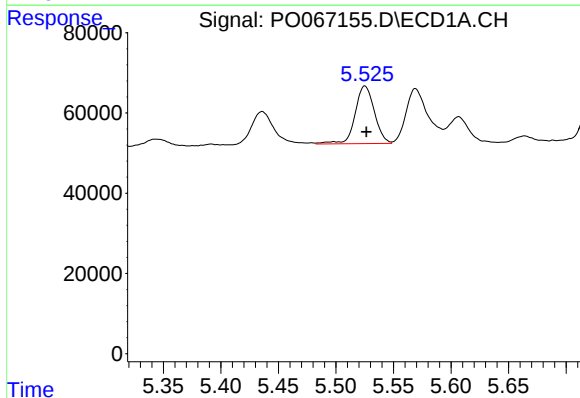
R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 111884
Conc: 377.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



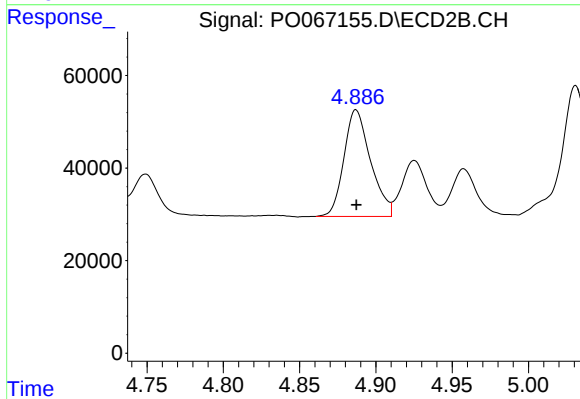
#14 AR-1232-4

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 247522
Conc: 688.08 ng/ml



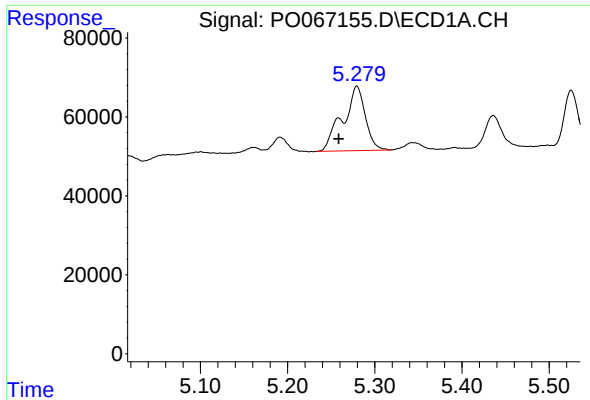
#15 AR-1232-5

R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 168441
Conc: 794.49 ng/ml



#15 AR-1232-5

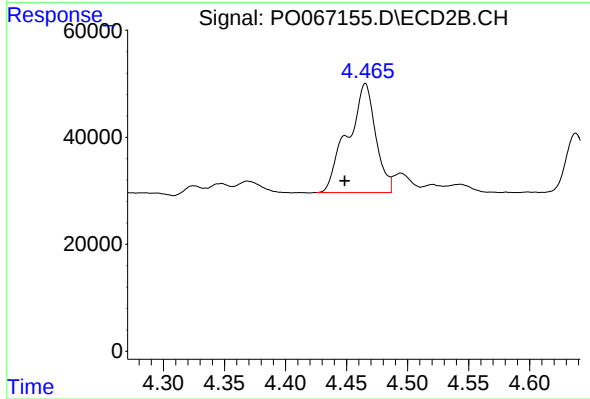
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 280128
Conc: 740.84 ng/ml



#16 AR-1242-1

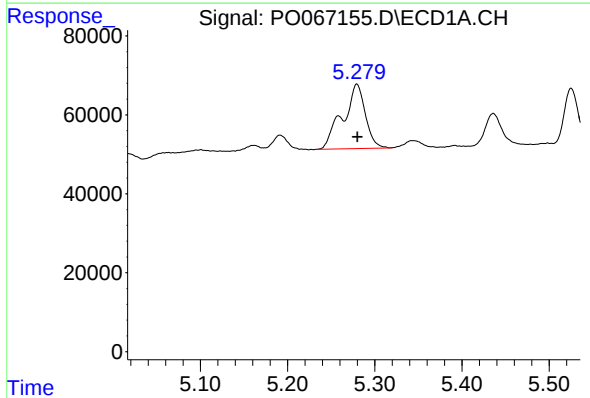
R.T.: 5.280 min
Delta R.T.: 0.021 min
Response: 294318
Conc: 402.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
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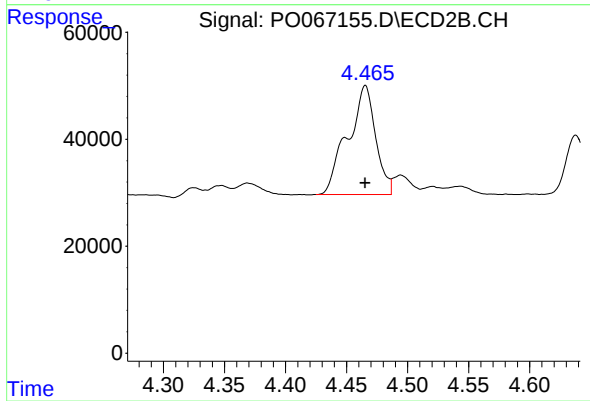
#16 AR-1242-1

R.T.: 4.465 min
Delta R.T.: 0.017 min
Response: 324400
Conc: 380.11 ng/ml



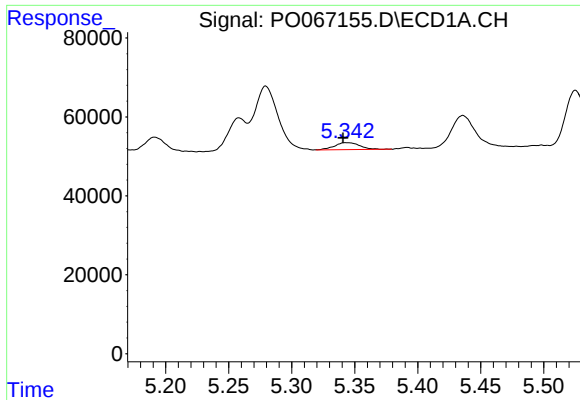
#17 AR-1242-2

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 294318
Conc: 264.97 ng/ml



#17 AR-1242-2

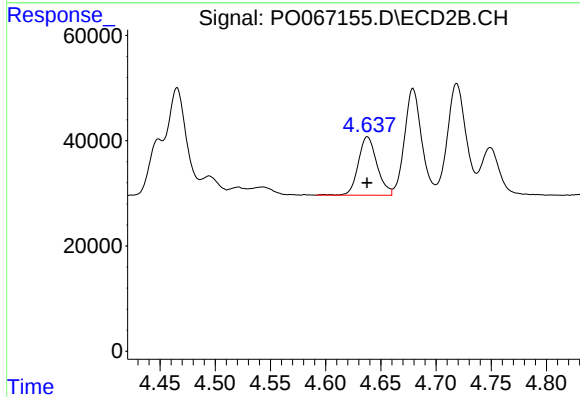
R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 324400
Conc: 207.54 ng/ml



#18 AR-1242-3

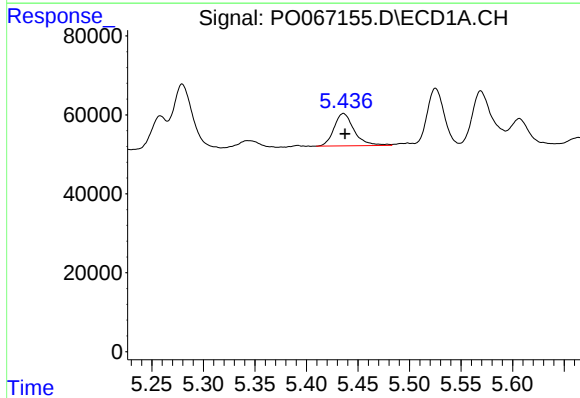
R.T.: 5.344 min
Delta R.T.: 0.003 min
Response: 24952
Conc: 38.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



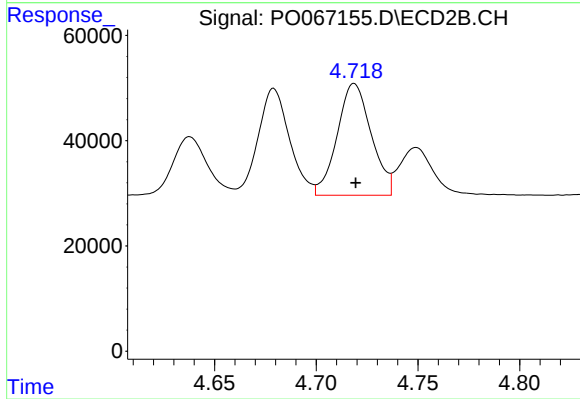
#18 AR-1242-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 130994
Conc: 180.84 ng/ml



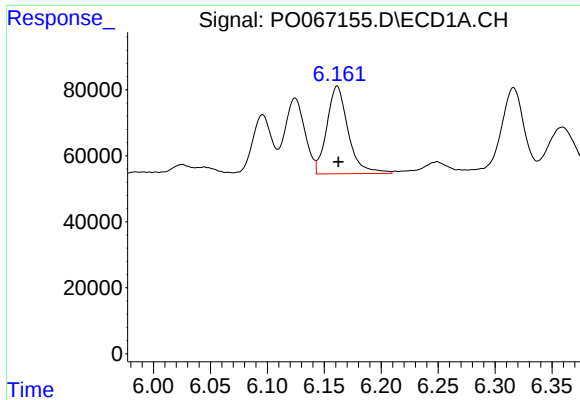
#19 AR-1242-4

R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 111884
Conc: 201.96 ng/ml



#19 AR-1242-4

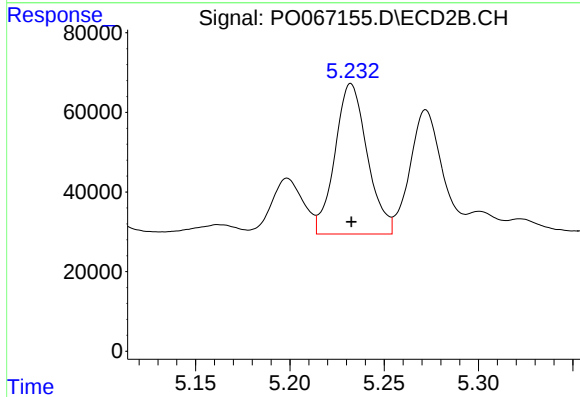
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 247522
Conc: 336.20 ng/ml



#20 AR-1242-5

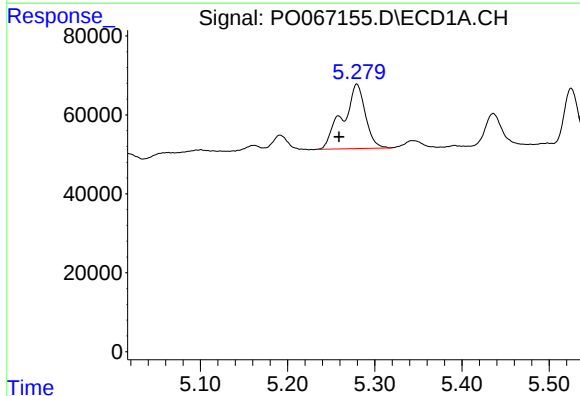
R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 347393
Conc: 511.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



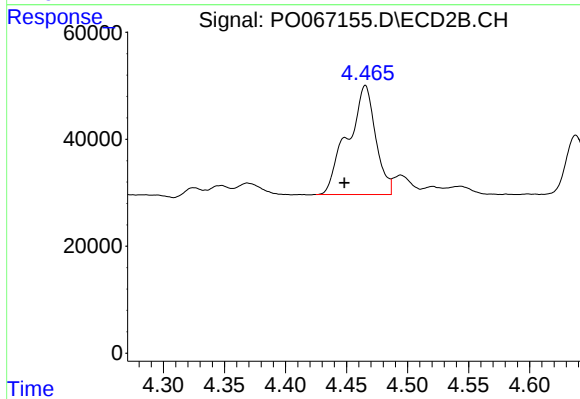
#20 AR-1242-5

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 450643
Conc: 468.63 ng/ml



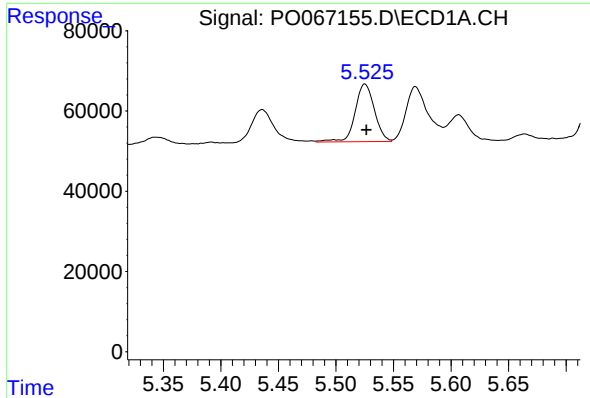
#21 AR-1248-1

R.T.: 5.280 min
Delta R.T.: 0.020 min
Response: 294318
Conc: 524.08 ng/ml



#21 AR-1248-1

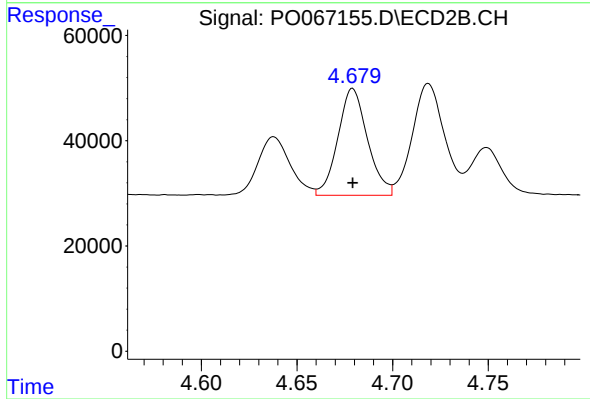
R.T.: 4.465 min
Delta R.T.: 0.017 min
Response: 324400
Conc: 479.78 ng/ml



#22 AR-1248-2

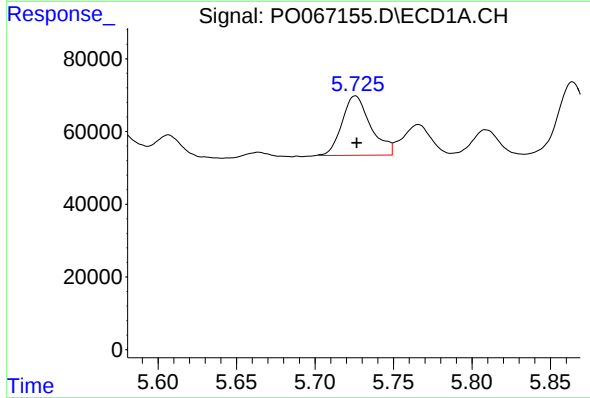
R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 168441
Conc: 220.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



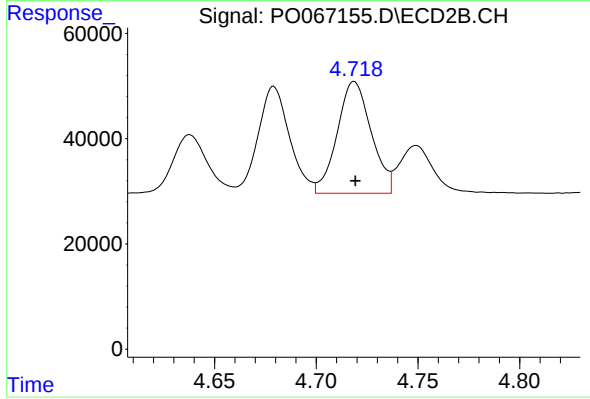
#22 AR-1248-2

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 218925
Conc: 212.31 ng/ml



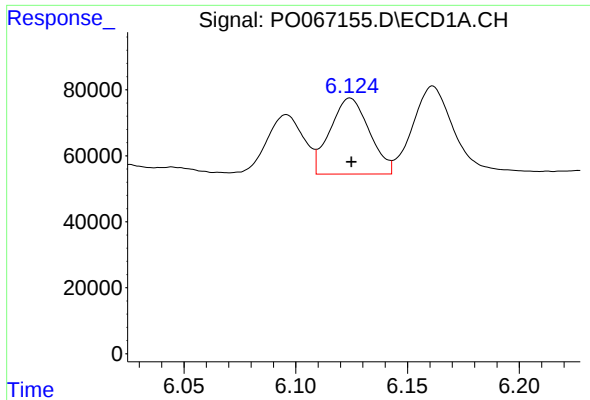
#23 AR-1248-3

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 207645
Conc: 226.84 ng/ml



#23 AR-1248-3

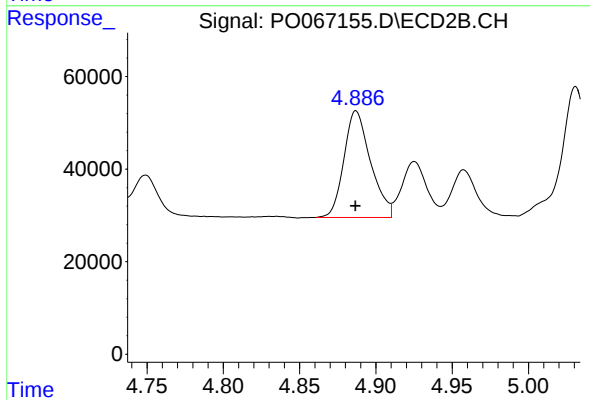
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 247522
Conc: 234.24 ng/ml



#24 AR-1248-4

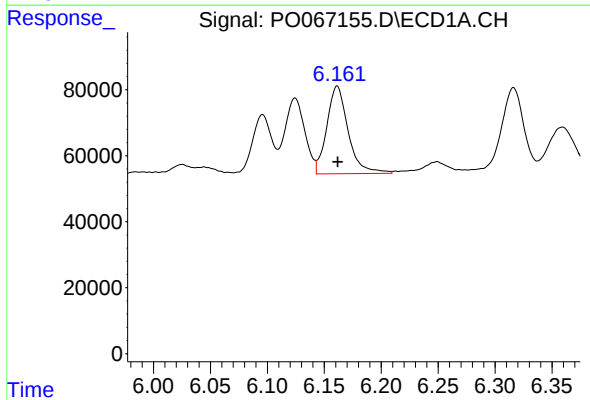
R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 282054
Conc: 245.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



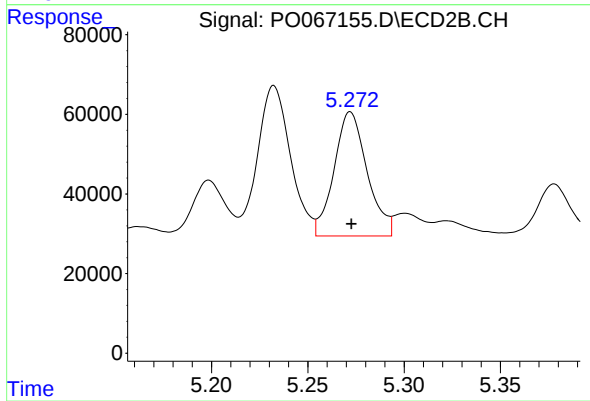
#24 AR-1248-4

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 280128
Conc: 223.48 ng/ml



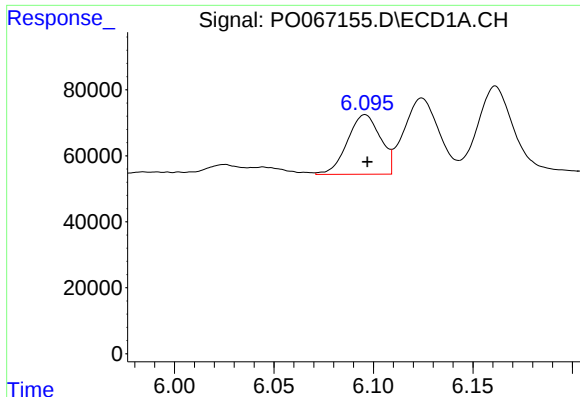
#25 AR-1248-5

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 347393
Conc: 305.48 ng/ml



#25 AR-1248-5

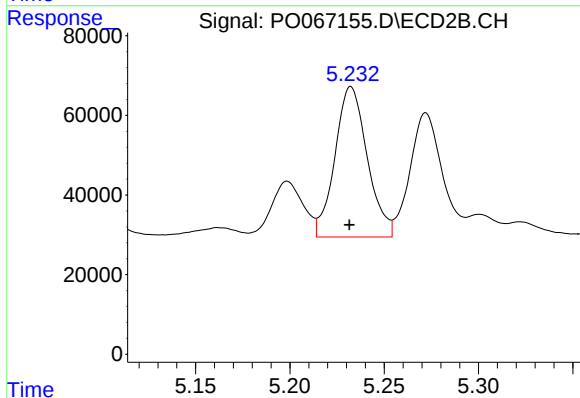
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 373776
Conc: 296.49 ng/ml



#26 AR-1254-1

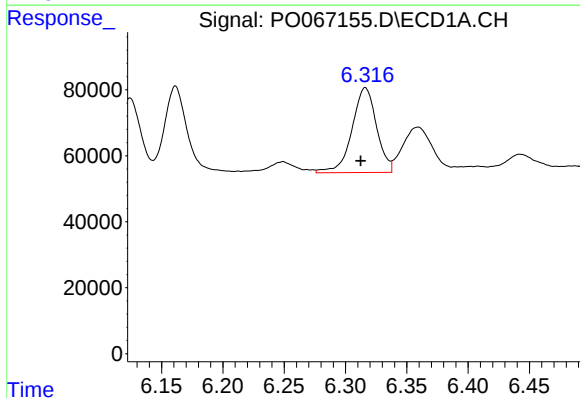
R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 208942
Conc: 174.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



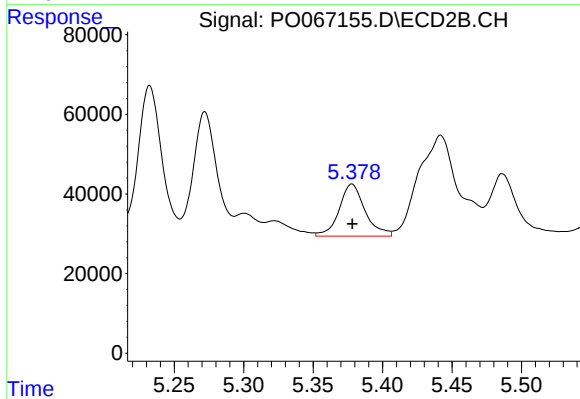
#26 AR-1254-1

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 450643
Conc: 218.61 ng/ml



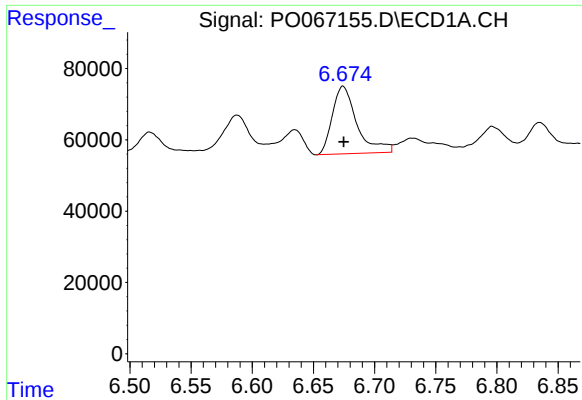
#27 AR-1254-2

R.T.: 6.316 min
Delta R.T.: 0.004 min
Response: 358558
Conc: 186.53 ng/ml



#27 AR-1254-2

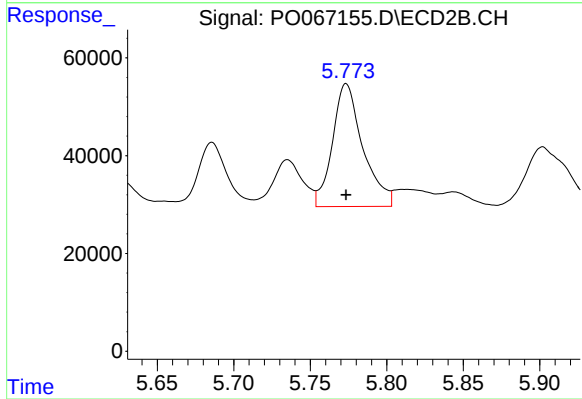
R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 169983
Conc: 92.50 ng/ml



#28 AR-1254-3

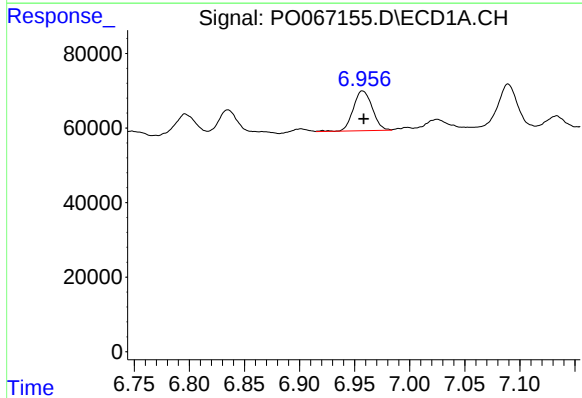
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 265744
Conc: 131.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



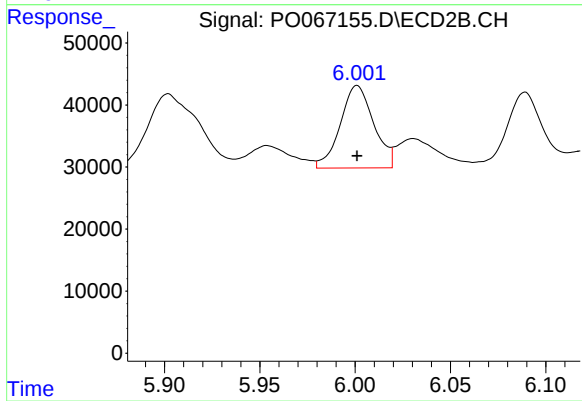
#28 AR-1254-3

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 347308
Conc: 115.41 ng/ml



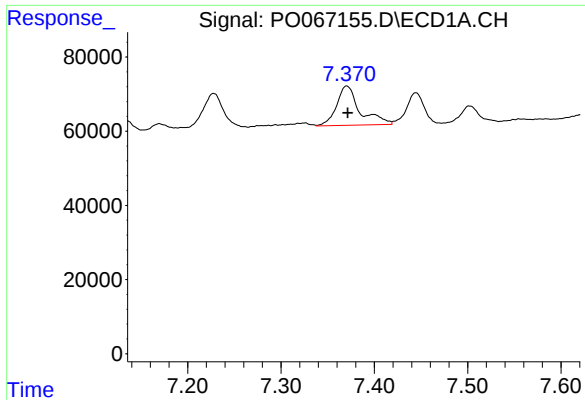
#29 AR-1254-4

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 128802
Conc: 75.65 ng/ml



#29 AR-1254-4

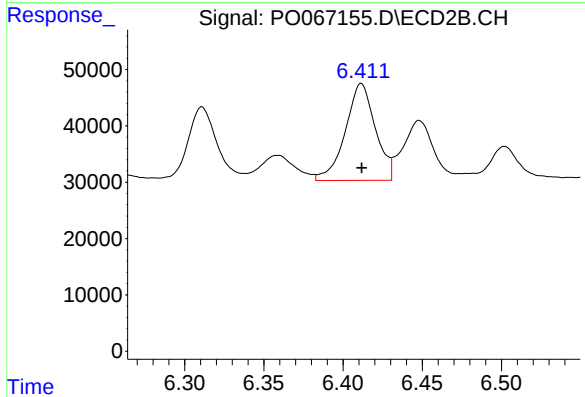
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 162334
Conc: 89.84 ng/ml



#30 AR-1254-5

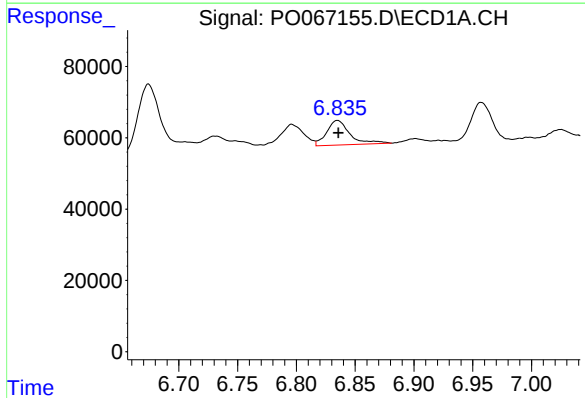
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 183619
Conc: 104.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



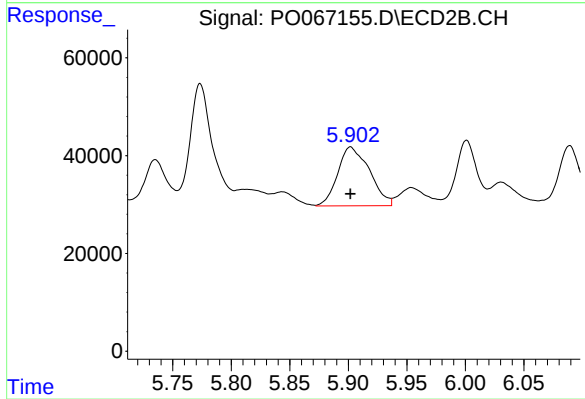
#30 AR-1254-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 227140
Conc: 80.01 ng/ml



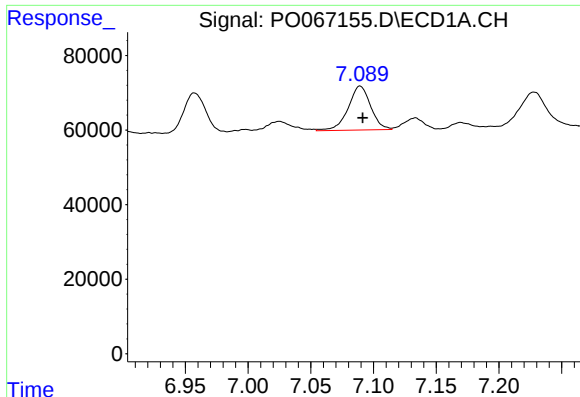
#31 AR-1260-1

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 95068
Conc: 53.58 ng/ml



#31 AR-1260-1

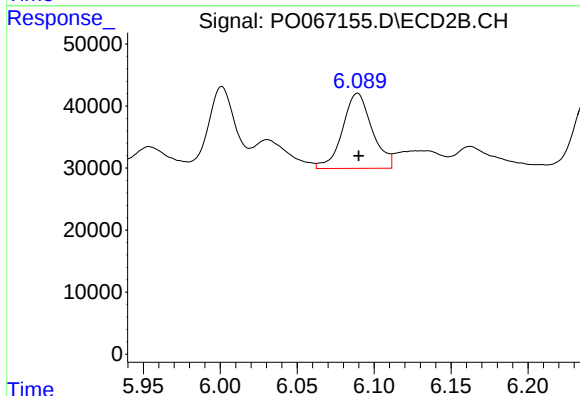
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 226808
Conc: 94.55 ng/ml



#32 AR-1260-2

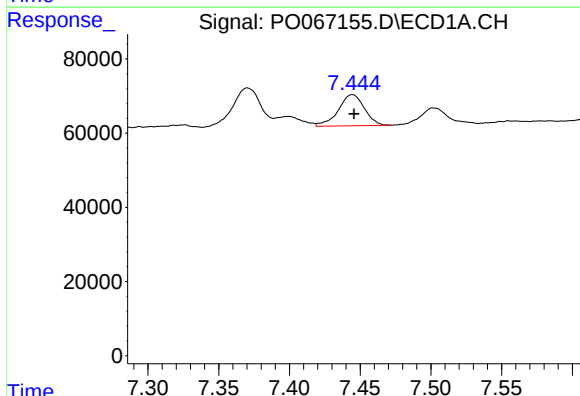
R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 148083
Conc: 56.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



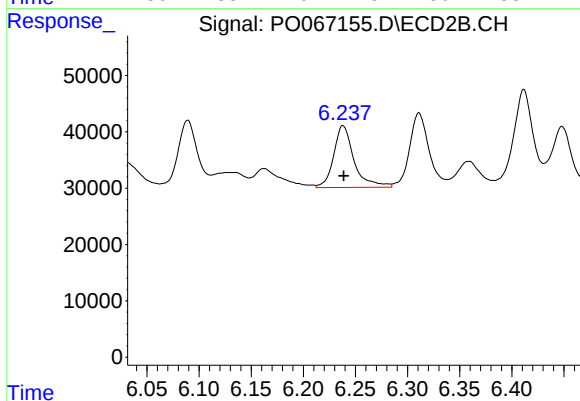
#32 AR-1260-2

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 161749
Conc: 53.60 ng/ml



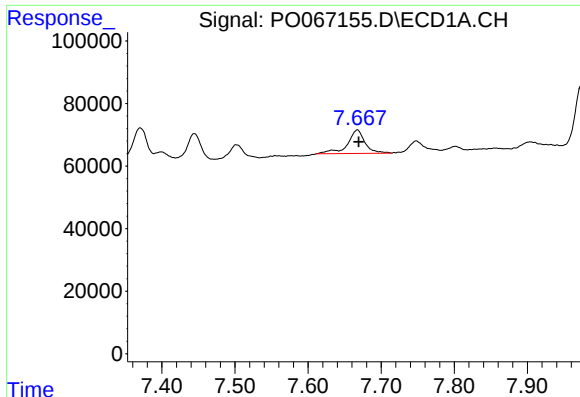
#33 AR-1260-3

R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 107489
Conc: 48.84 ng/ml



#33 AR-1260-3

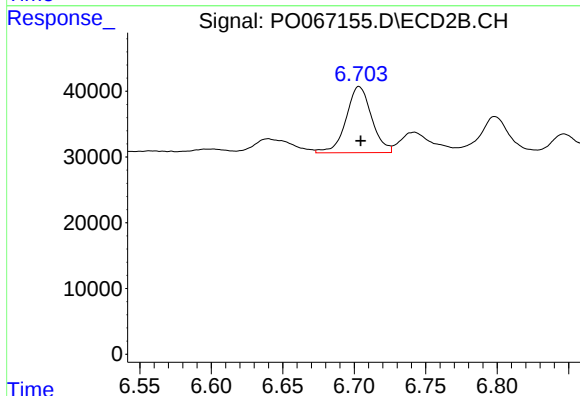
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 149352
Conc: 53.75 ng/ml



#34 AR-1260-4

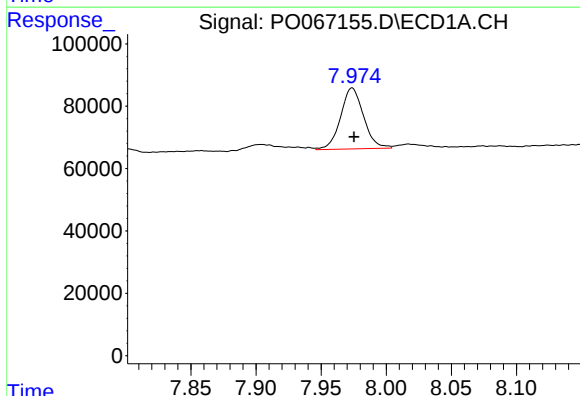
R.T.: 7.667 min
Delta R.T.: -0.002 min
Response: 124766
Conc: 61.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



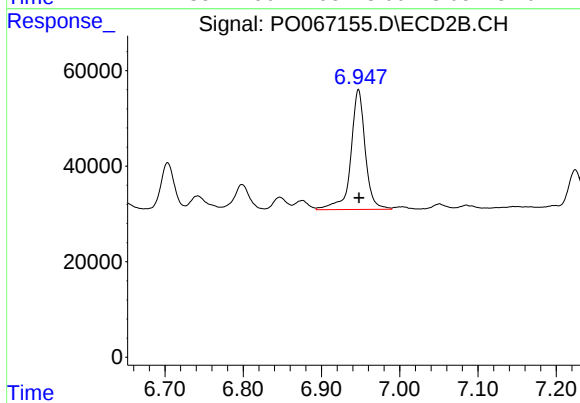
#34 AR-1260-4

R.T.: 6.703 min
Delta R.T.: -0.001 min
Response: 125404
Conc: 51.09 ng/ml



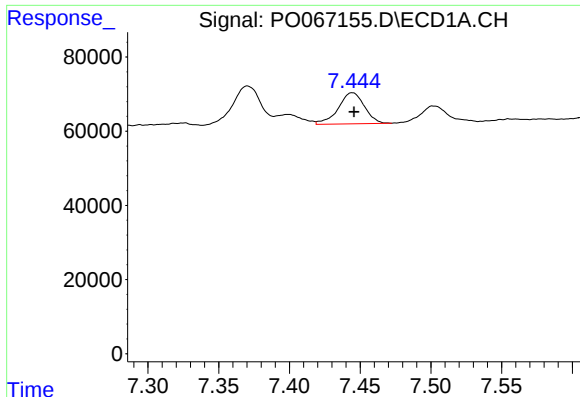
#35 AR-1260-5

R.T.: 7.974 min
Delta R.T.: -0.001 min
Response: 239749
Conc: 50.02 ng/ml



#35 AR-1260-5

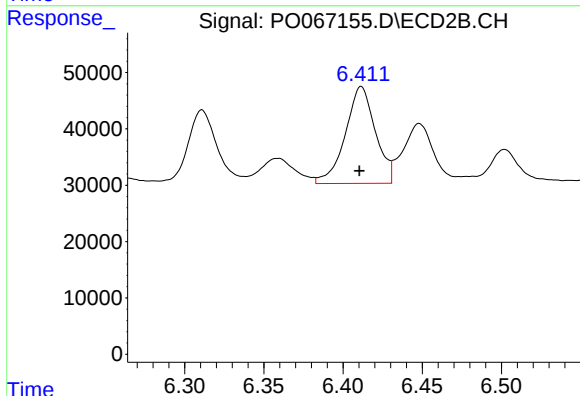
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 321026
Conc: 54.99 ng/ml



#36 AR-1262-1

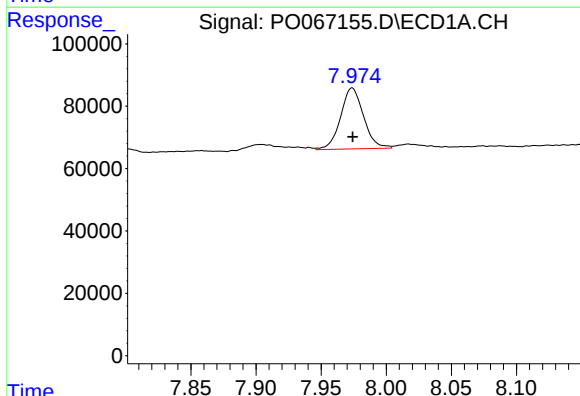
R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 107489
Conc: 40.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



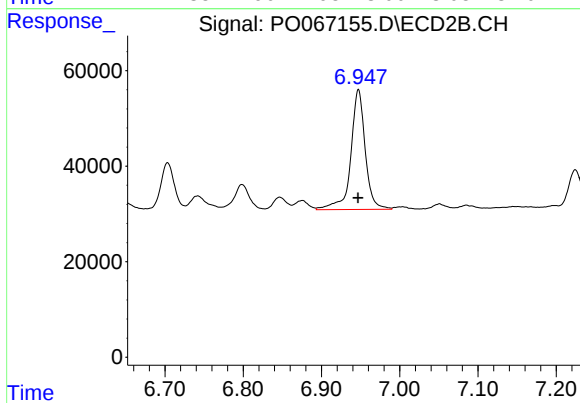
#36 AR-1262-1

R.T.: 6.412 min
Delta R.T.: 0.001 min
Response: 227140
Conc: 159.18 ng/ml



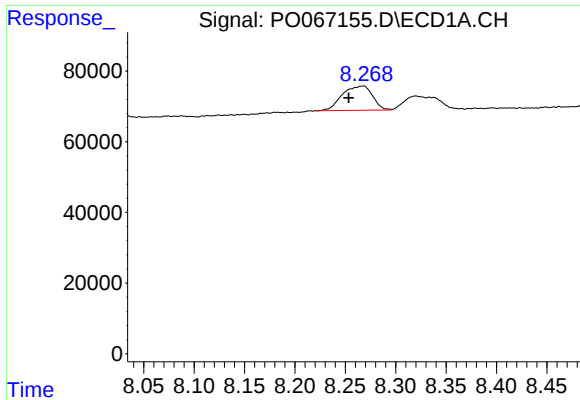
#37 AR-1262-2

R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 239749
Conc: 55.11 ng/ml



#37 AR-1262-2

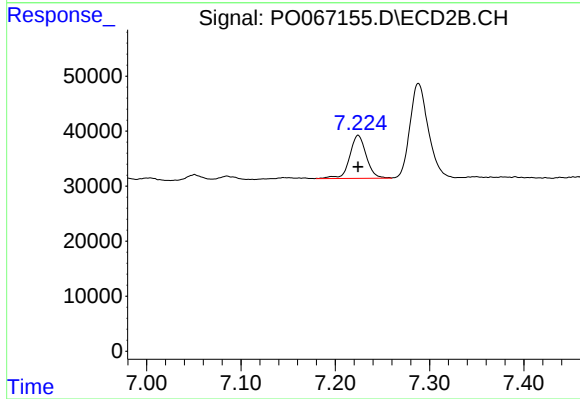
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 321026
Conc: 62.21 ng/ml



#38 AR-1262-3

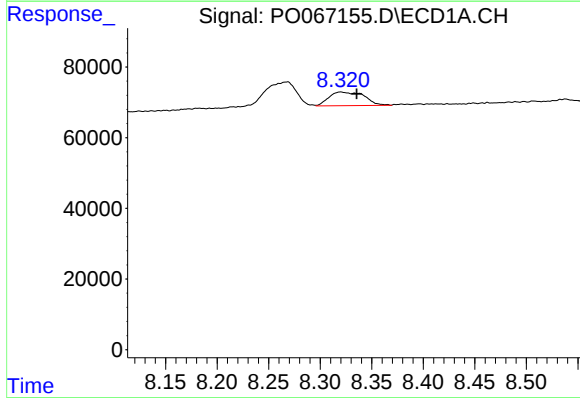
R.T.: 8.266 min
Delta R.T.: 0.013 min
Response: 142948
Conc: 51.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



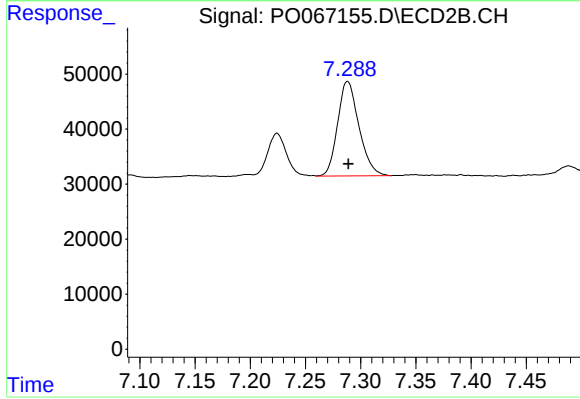
#38 AR-1262-3

R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 95359
Conc: 44.51 ng/ml



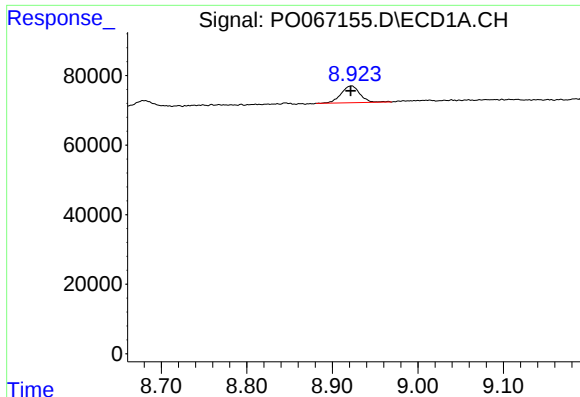
#39 AR-1262-4

R.T.: 8.320 min
Delta R.T.: -0.015 min
Response: 91660
Conc: 43.32 ng/ml



#39 AR-1262-4

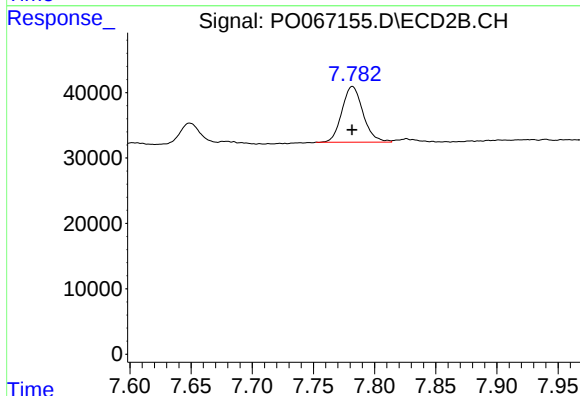
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 230901
Conc: 58.29 ng/ml



#40 AR-1262-5

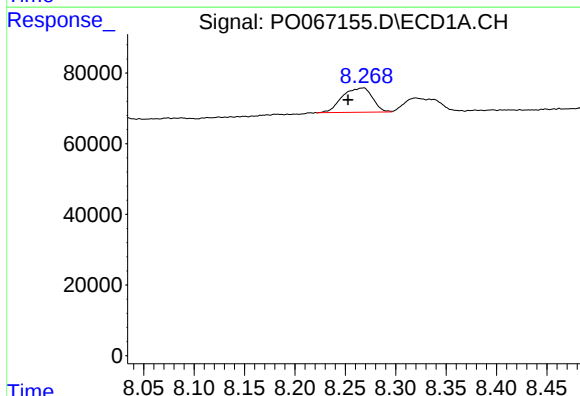
R.T.: 8.922 min
Delta R.T.: 0.000 min
Response: 73925
Conc: 52.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



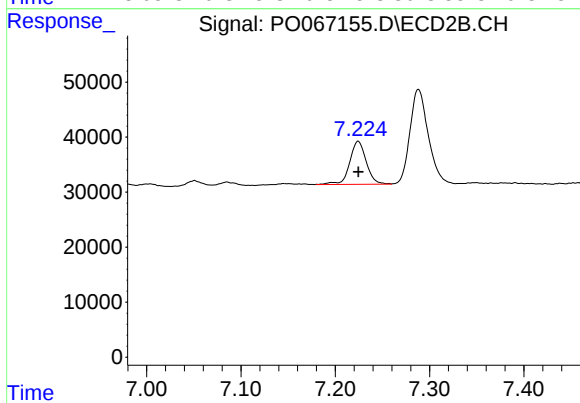
#40 AR-1262-5

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 102293
Conc: 55.31 ng/ml



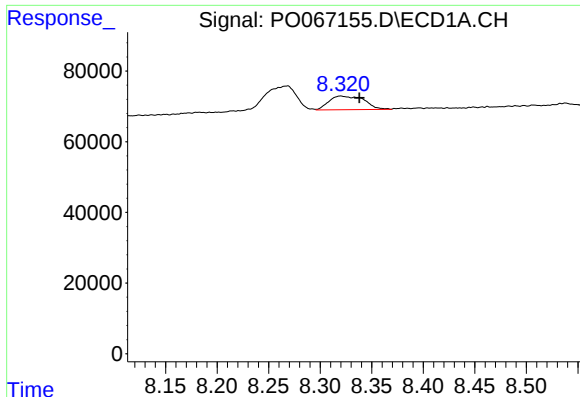
#41 AR-1268-1

R.T.: 8.266 min
Delta R.T.: 0.014 min
Response: 142948
Conc: 24.80 ng/ml



#41 AR-1268-1

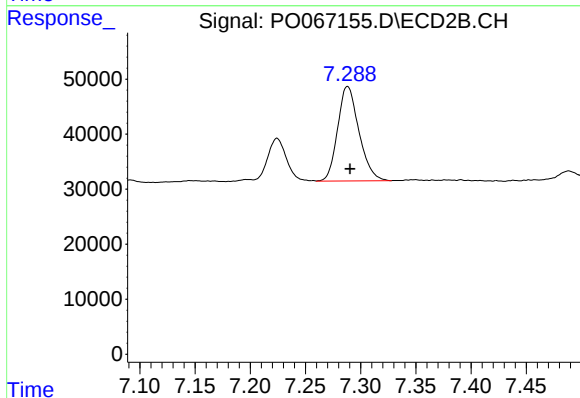
R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 95359
Conc: 14.48 ng/ml



#42 AR-1268-2

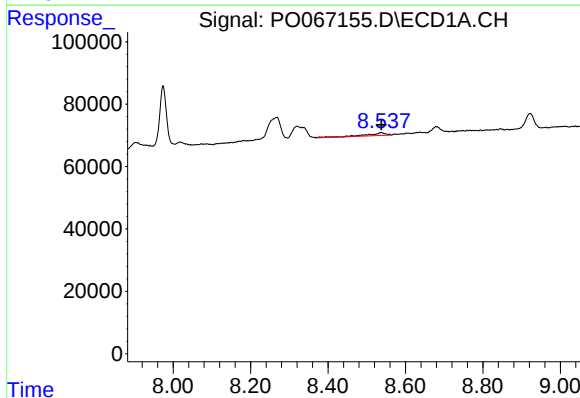
R.T.: 8.320 min
Delta R.T.: -0.018 min
Response: 91660
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



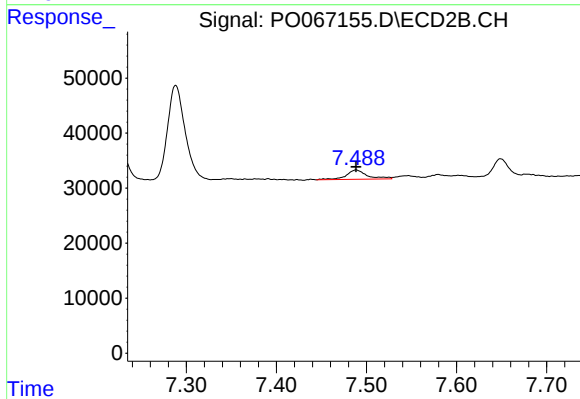
#42 AR-1268-2

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 230901
Conc: 37.96 ng/ml



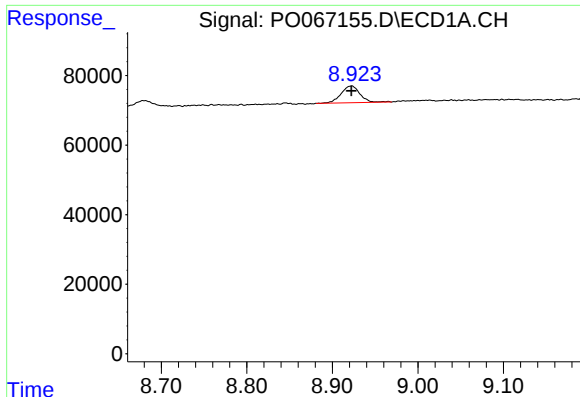
#43 AR-1268-3

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 33156
Conc: 7.90 ng/ml



#43 AR-1268-3

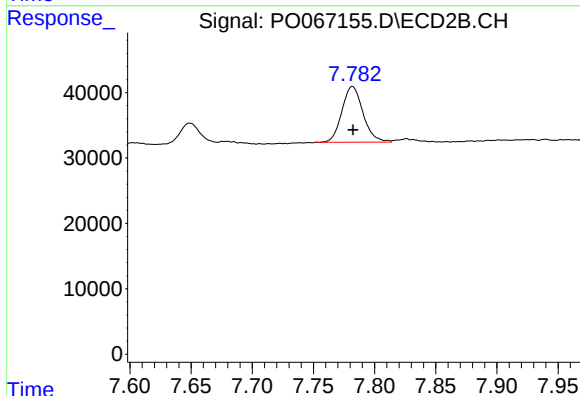
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 27492
Conc: 5.45 ng/ml



#44 AR-1268-4

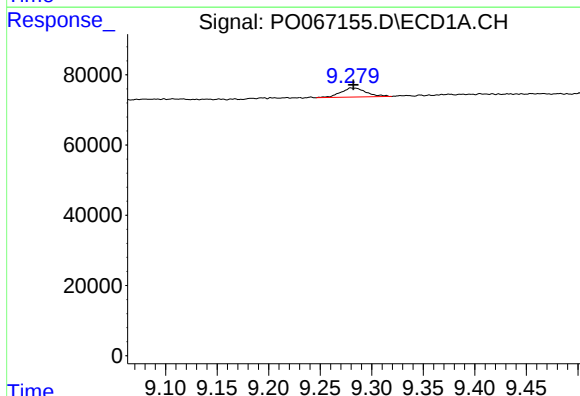
R.T.: 8.922 min
Delta R.T.: 0.000 min
Response: 73925
Conc: 43.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-7-SA



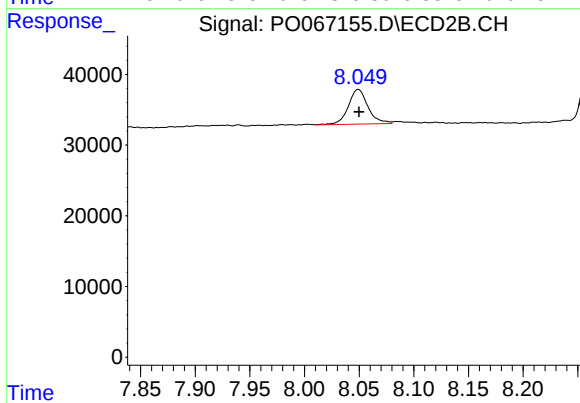
#44 AR-1268-4

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 102293
Conc: 45.19 ng/ml



#45 AR-1268-5

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 44750
Conc: 3.57 ng/ml



#45 AR-1268-5

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 61877
Conc: 3.83 ng/ml