

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032420\
 Data File : P0067427.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2020 15:04
 Operator : DD\AJ
 Sample : L2020-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 16:07:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 19 16:36:53 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...	4.940	3.949	560929	889886	26.392	25.455
2)	SA Decachlor...	10.922	9.242	701950	912887	24.430	23.404
Target Compounds							
3)	L1 AR-1016-1	6.260	5.206	232123	375128	256.523	245.231
4)	L1 AR-1016-2	6.283	5.227	319308	492590	256.281	244.167
5)	L1 AR-1016-3	6.349	5.417	199384	273195	254.540	244.790
6)	L1 AR-1016-4	6.455	5.470	160541	219032	252.402	235.501
7)	L1 AR-1016-5	6.771	5.698	165053	277435	255.449	233.962
9)	L2 AR-1221-2	0.000	4.306	0	51047	N.D.	159.819 #
10)	L2 AR-1221-3	5.376	4.395	113934	177247	194.912	179.801
11)	L3 AR-1232-1	5.376	4.395	113934	177247	265.436	244.916
12)	L3 AR-1232-2	5.965	5.227	184372	492590	790.720	671.410
13)	L3 AR-1232-3	6.283	5.417	319308	273195	758.716	699.126
14)	L3 AR-1232-4	6.455	5.515	160541	272441	741.090	762.740
15)	L3 AR-1232-5	6.554	5.698	133758	277435	830.192	705.911
16)	L4 AR-1242-1	6.260	5.206	232123	375128	339.811	321.380
17)	L4 AR-1242-2	6.283	5.227	319308	492590	343.721	321.678
18)	L4 AR-1242-3	6.349	5.417	199384	273195	336.510	323.805
19)	L4 AR-1242-4	6.455	5.515	160541	272441	336.004	322.211
20)	L4 AR-1242-5	0.000	6.078	0	223076	N.D.	208.603 #
21)	L5 AR-1248-1	6.260	5.206	232123	375128	513.708	473.240
22)	L5 AR-1248-2	6.554	5.470	133758	219032	221.863	212.293
23)	L5 AR-1248-3	6.771	5.515	165053	272441	233.744	258.854
24)	L5 AR-1248-4	7.167	5.698	104191	277435	125.451	219.374 #
25)	L5 AR-1248-5	0.000	6.078	0	223076	N.D.	177.833 #
26)	L6 AR-1254-1	7.167	6.078	104191	223076	123.850	114.571
27)	L6 AR-1254-2	7.395	6.238	145267	229342	108.330	133.056
28)	L6 AR-1254-3	7.778	6.657	87490	124172	60.372	44.273 #
29)	L6 AR-1254-4	0.000	6.896	0	59913	N.D.	32.559 #
30)	L6 AR-1254-5	8.497	7.325	530601	822398	430.287	331.445
31)	L7 AR-1260-1	7.942	6.795	334896	572435	276.049	267.145
32)	L7 AR-1260-2	8.207	6.992	424731	694361	283.642	262.773
33)	L7 AR-1260-3	8.570	7.146	361726	631144	313.768	258.619
34)	L7 AR-1260-4	8.800	7.630	319642	472046	238.004	222.390
35)	L7 AR-1260-5	9.124	7.876	606705	1070753	213.509	214.780
36)	L8 AR-1262-1	8.570	7.325	361726	822398	248.408	572.348 #
37)	L8 AR-1262-2	9.124	7.876	606705	1070753	219.538	231.961
38)	L8 AR-1262-3	9.453	8.163	398624	265351	205.074	132.905 #
39)	L8 AR-1262-4	9.504	8.225	209167	808705	142.863	230.465 #
40)	L8 AR-1262-5	10.183	8.722	148914	247889	136.398	145.918
41)	L9 AR-1268-1	9.453	8.163	398624	265351	121.818	50.004 #
42)	L9 AR-1268-2	9.504	8.225	209167	808705	68.501	170.023 #

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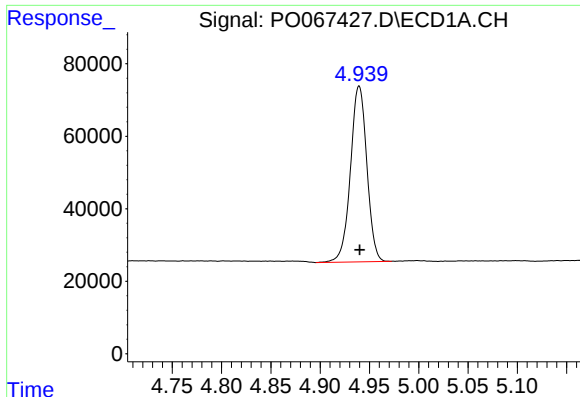
Instrument :
 ECD_O
 ClientSampleId :

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	10.183	8.722	148914	247889	122.692	132.552
45) L9	AR-1268-5	0.000	8.999	0	88795	N.D.	7.353 #

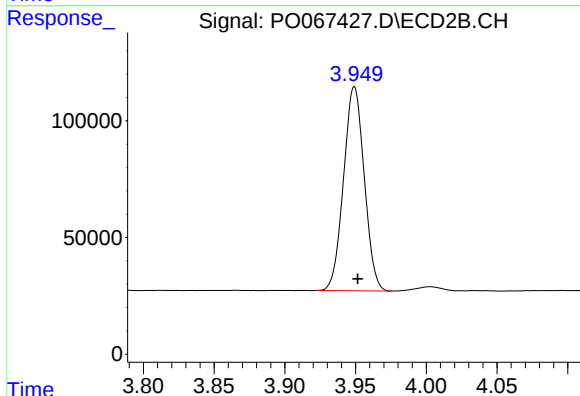
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

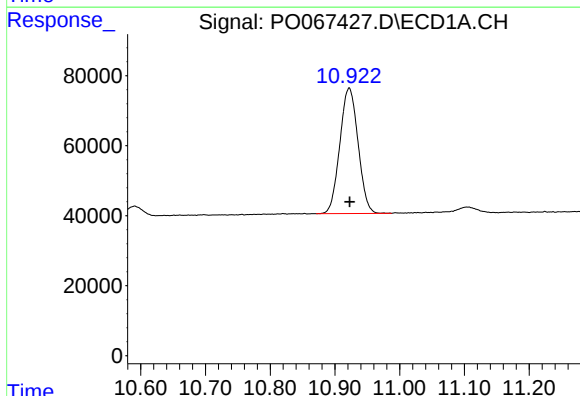
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 560929
Conc: 26.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



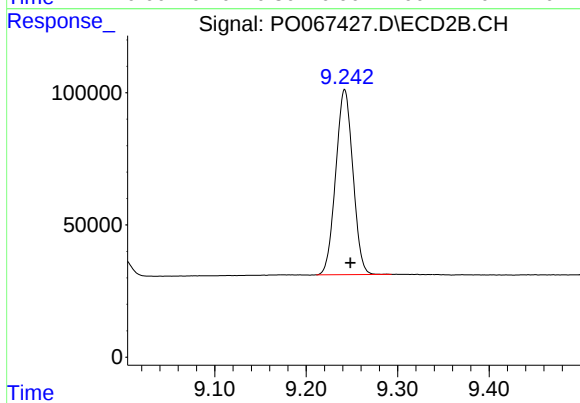
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 889886
Conc: 25.46 ng/ml



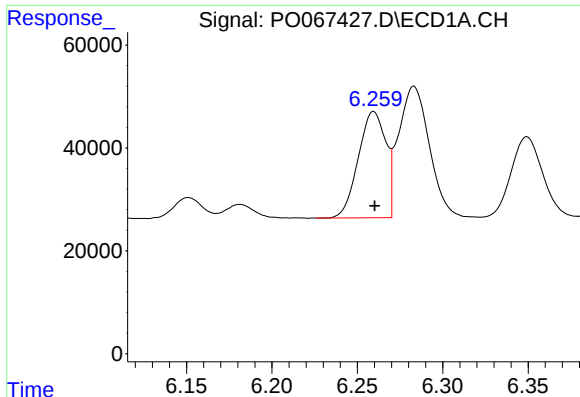
#2 Decachlorobiphenyl

R.T.: 10.922 min
Delta R.T.: 0.000 min
Response: 701950
Conc: 24.43 ng/ml



#2 Decachlorobiphenyl

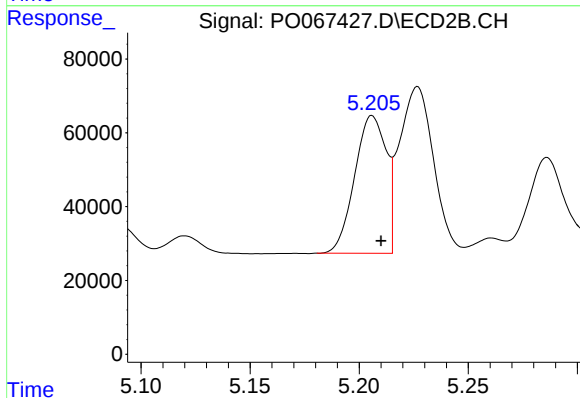
R.T.: 9.242 min
Delta R.T.: -0.006 min
Response: 912887
Conc: 23.40 ng/ml



#3 AR-1016-1

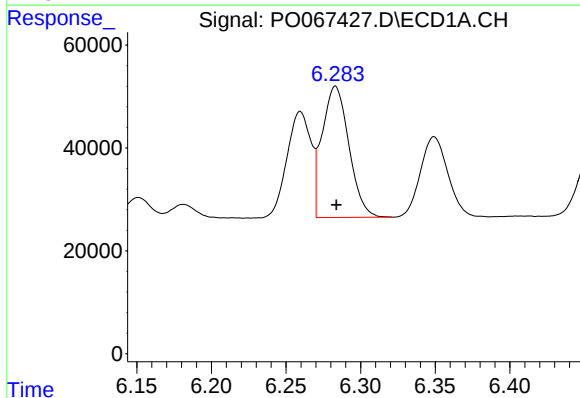
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 232123
Conc: 256.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



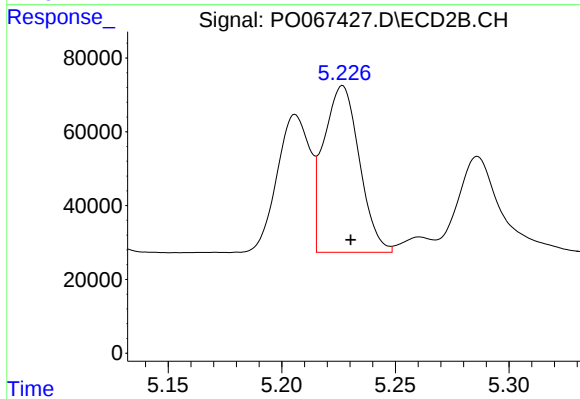
#3 AR-1016-1

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 375128
Conc: 245.23 ng/ml



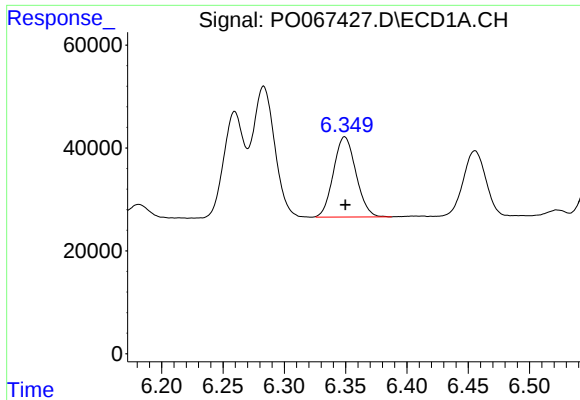
#4 AR-1016-2

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 319308
Conc: 256.28 ng/ml



#4 AR-1016-2

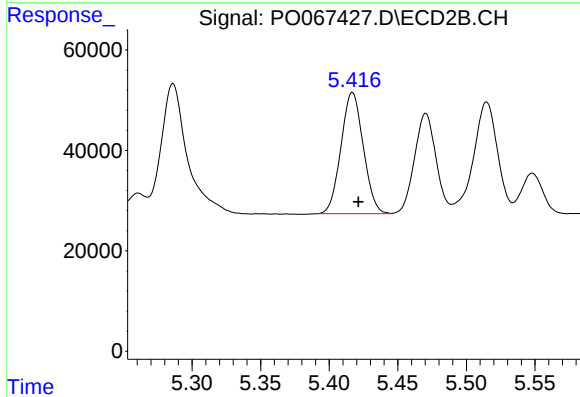
R.T.: 5.227 min
Delta R.T.: -0.004 min
Response: 492590
Conc: 244.17 ng/ml



#5 AR-1016-3

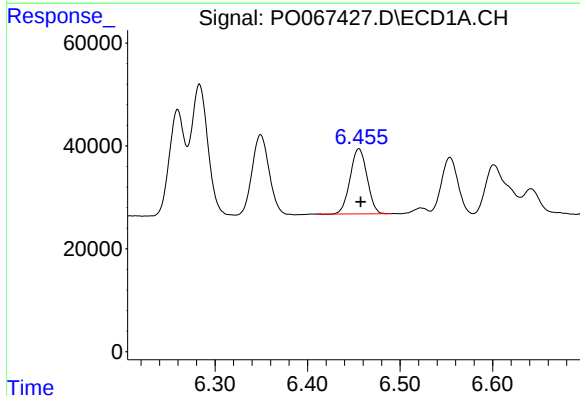
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 199384
Conc: 254.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



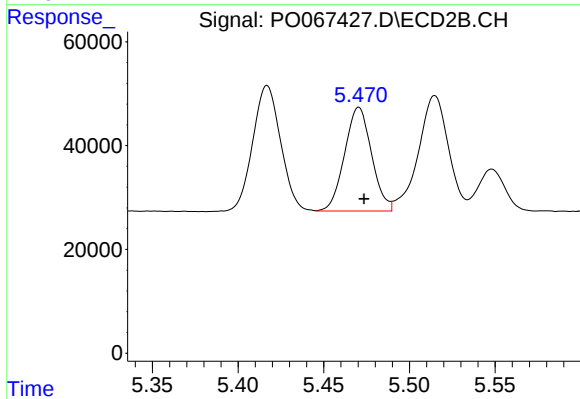
#5 AR-1016-3

R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 273195
Conc: 244.79 ng/ml



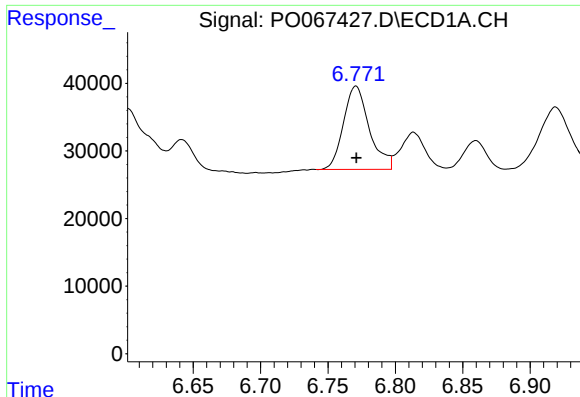
#6 AR-1016-4

R.T.: 6.455 min
Delta R.T.: -0.002 min
Response: 160541
Conc: 252.40 ng/ml



#6 AR-1016-4

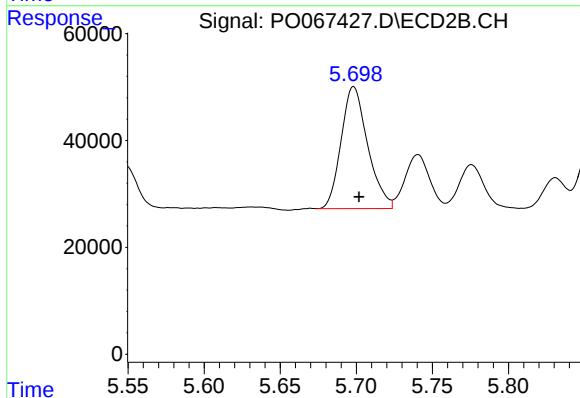
R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 219032
Conc: 235.50 ng/ml



#7 AR-1016-5

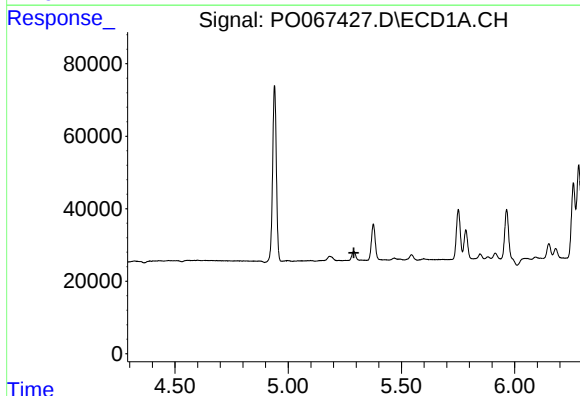
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 165053
Conc: 255.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



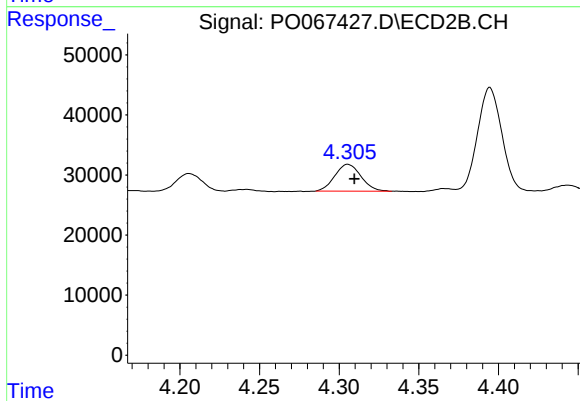
#7 AR-1016-5

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 277435
Conc: 233.96 ng/ml



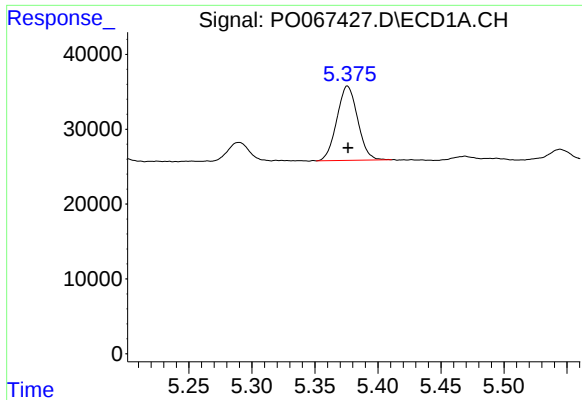
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.290 min
Response: 0
Conc: N.D.



#9 AR-1221-2

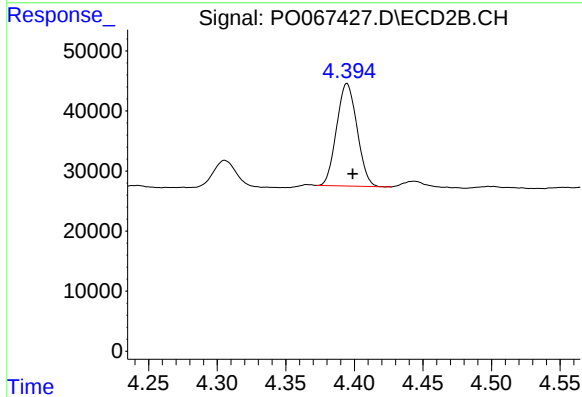
R.T.: 4.306 min
Delta R.T.: -0.004 min
Response: 51047
Conc: 159.82 ng/ml



#10 AR-1221-3

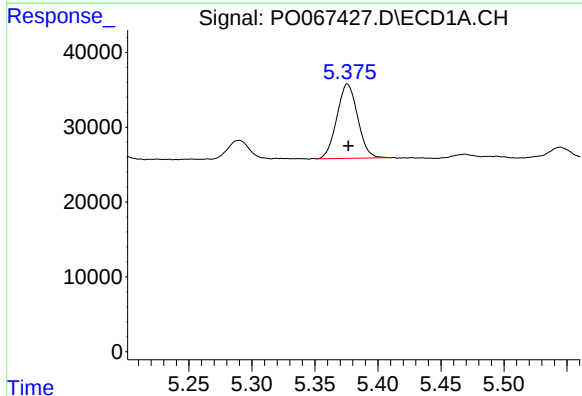
R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 113934
Conc: 194.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



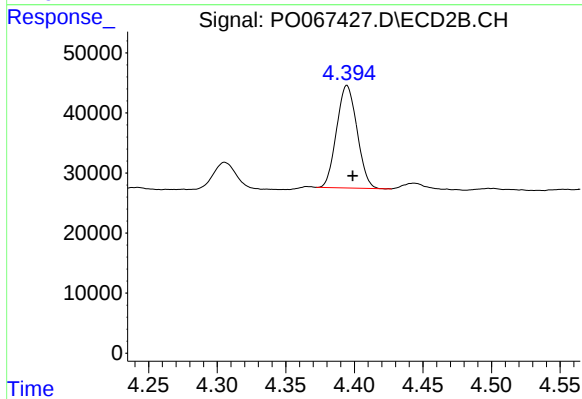
#10 AR-1221-3

R.T.: 4.395 min
Delta R.T.: -0.004 min
Response: 177247
Conc: 179.80 ng/ml



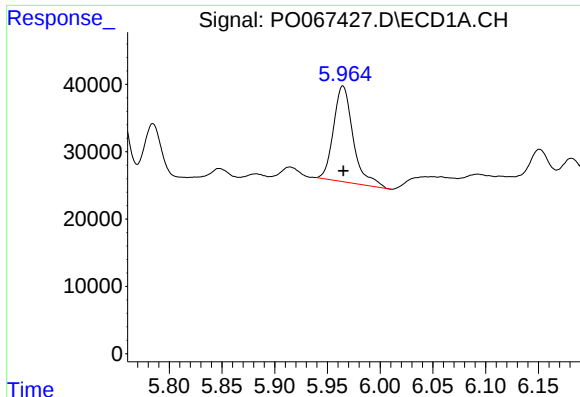
#11 AR-1232-1

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 113934
Conc: 265.44 ng/ml



#11 AR-1232-1

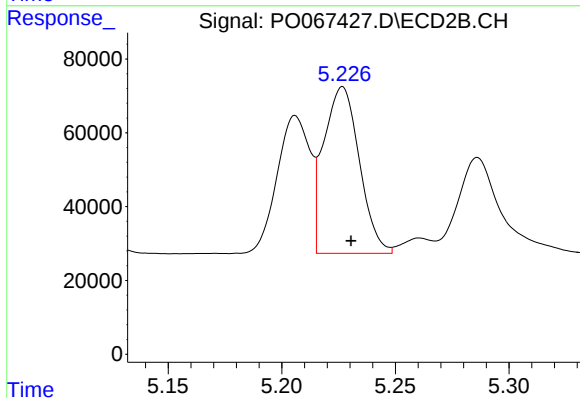
R.T.: 4.395 min
Delta R.T.: -0.004 min
Response: 177247
Conc: 244.92 ng/ml



#12 AR-1232-2

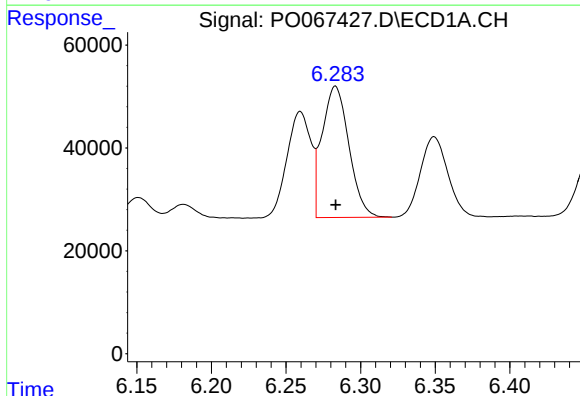
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 184372
Conc: 790.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



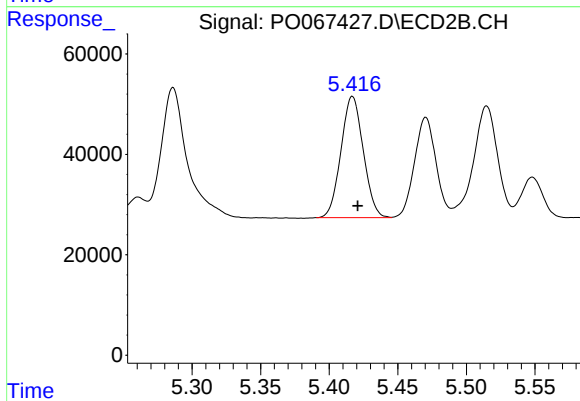
#12 AR-1232-2

R.T.: 5.227 min
Delta R.T.: -0.004 min
Response: 492590
Conc: 671.41 ng/ml



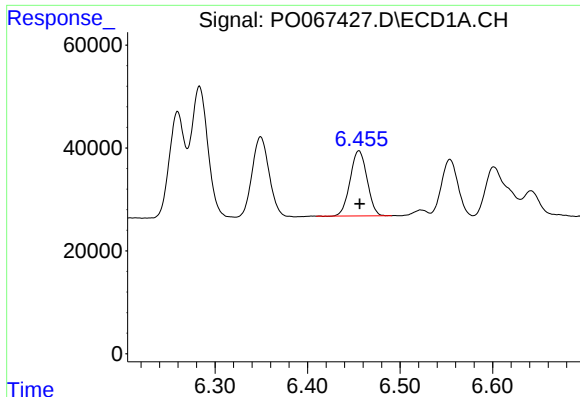
#13 AR-1232-3

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 319308
Conc: 758.72 ng/ml



#13 AR-1232-3

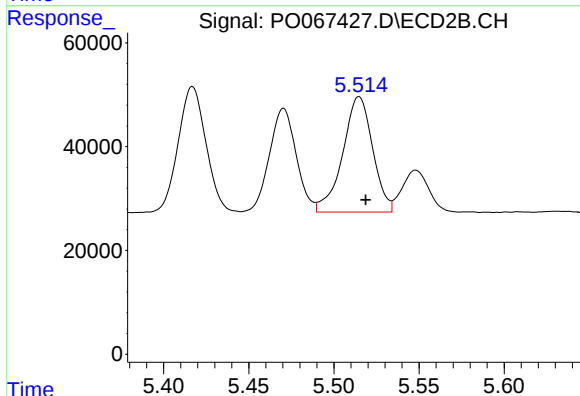
R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 273195
Conc: 699.13 ng/ml



#14 AR-1232-4

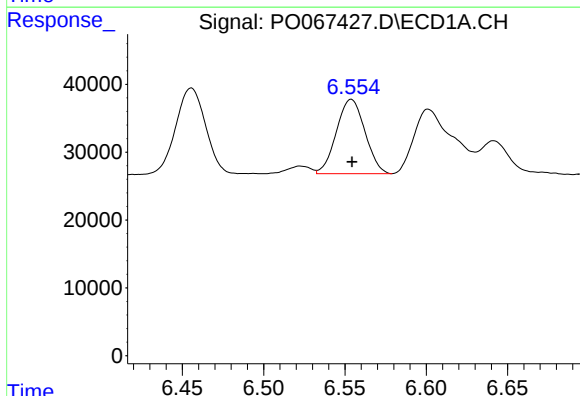
R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 160541
Conc: 741.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



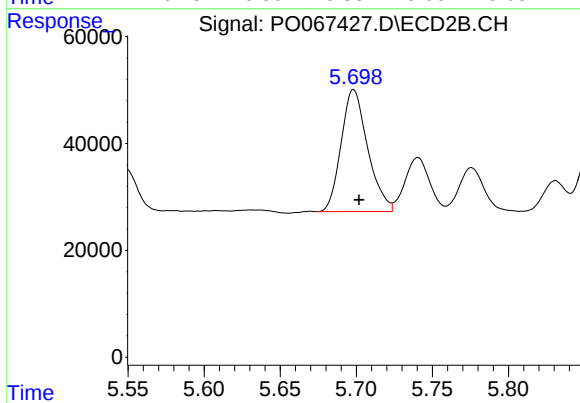
#14 AR-1232-4

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 272441
Conc: 762.74 ng/ml



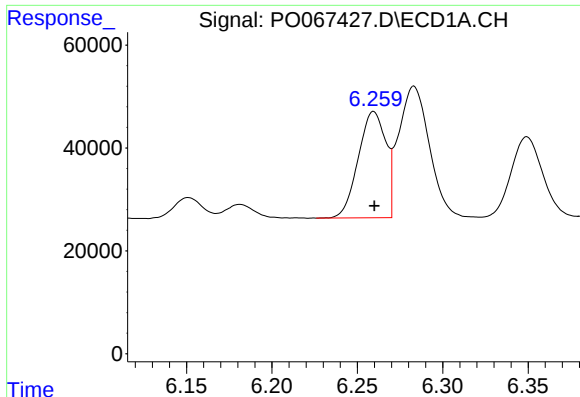
#15 AR-1232-5

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 133758
Conc: 830.19 ng/ml



#15 AR-1232-5

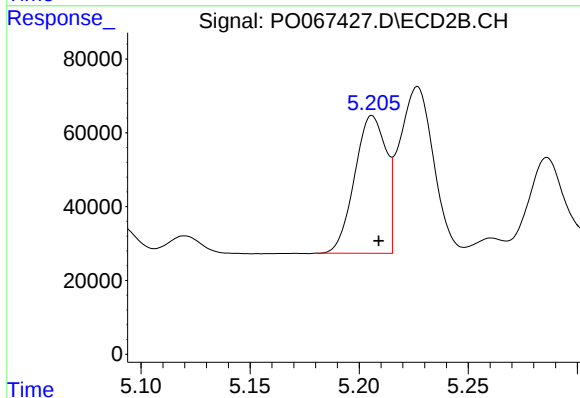
R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 277435
Conc: 705.91 ng/ml



#16 AR-1242-1

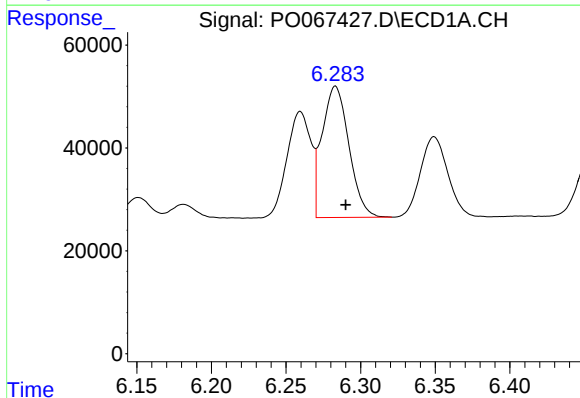
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 232123
Conc: 339.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



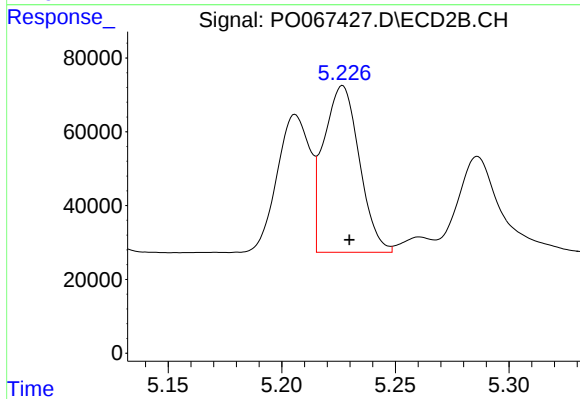
#16 AR-1242-1

R.T.: 5.206 min
Delta R.T.: -0.003 min
Response: 375128
Conc: 321.38 ng/ml



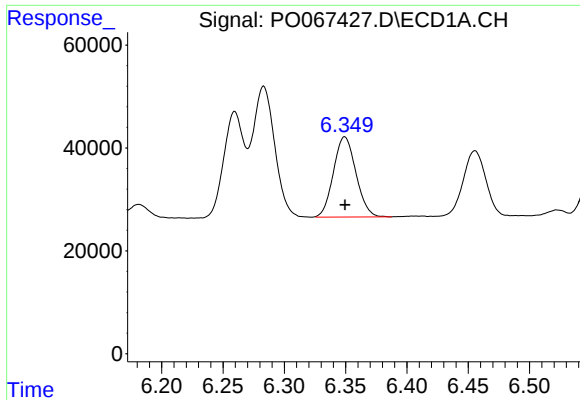
#17 AR-1242-2

R.T.: 6.283 min
Delta R.T.: -0.007 min
Response: 319308
Conc: 343.72 ng/ml



#17 AR-1242-2

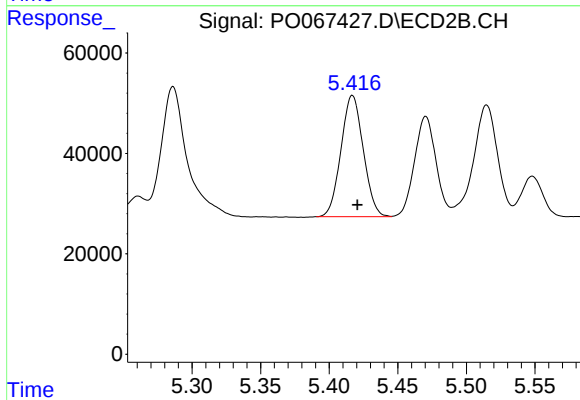
R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 492590
Conc: 321.68 ng/ml



#18 AR-1242-3

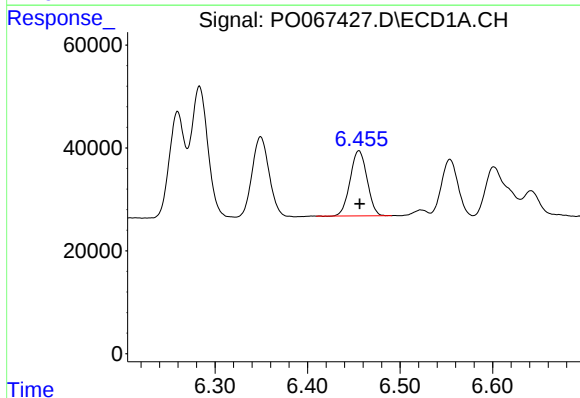
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 199384
Conc: 336.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



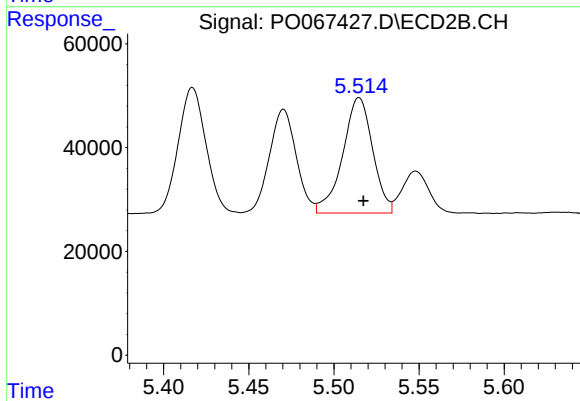
#18 AR-1242-3

R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 273195
Conc: 323.81 ng/ml



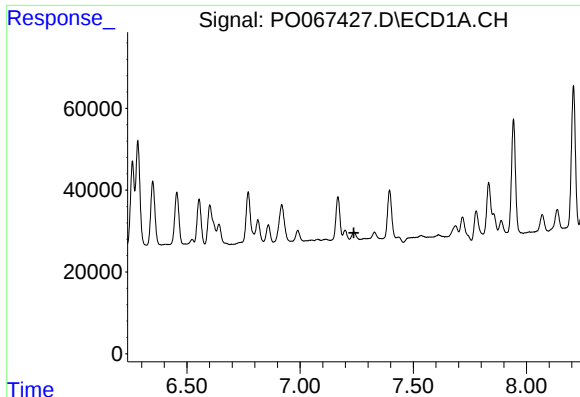
#19 AR-1242-4

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 160541
Conc: 336.00 ng/ml



#19 AR-1242-4

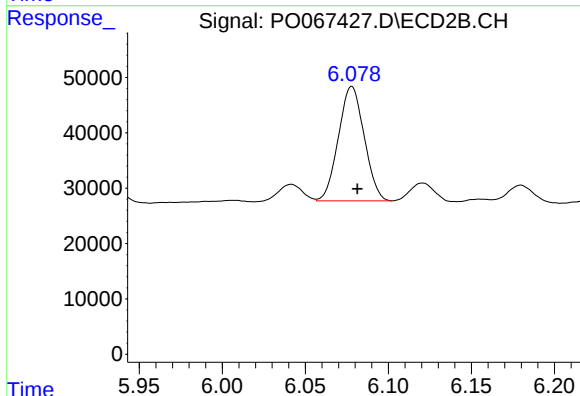
R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 272441
Conc: 322.21 ng/ml



#20 AR-1242-5

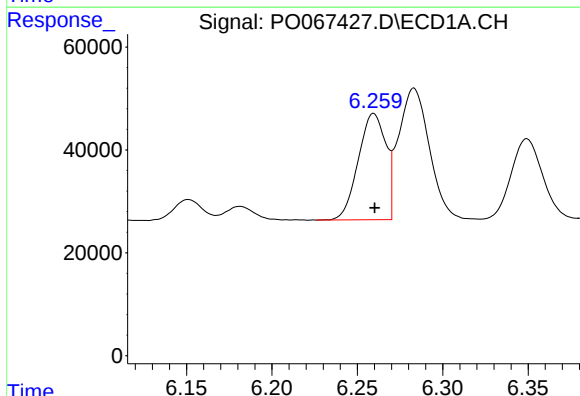
R.T.: 0.000 min
Exp R.T.: 7.237 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



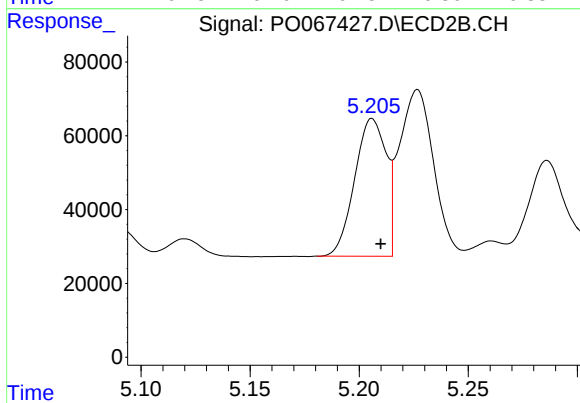
#20 AR-1242-5

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 223076
Conc: 208.60 ng/ml



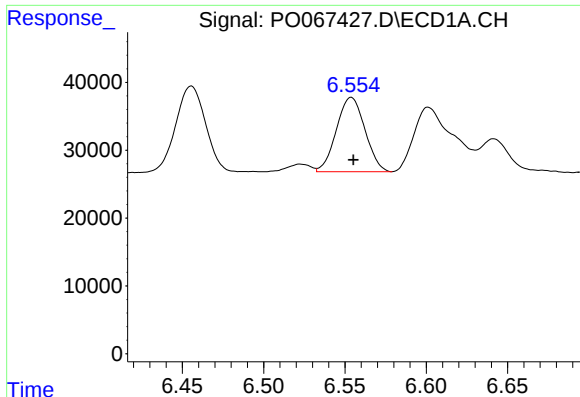
#21 AR-1248-1

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 232123
Conc: 513.71 ng/ml



#21 AR-1248-1

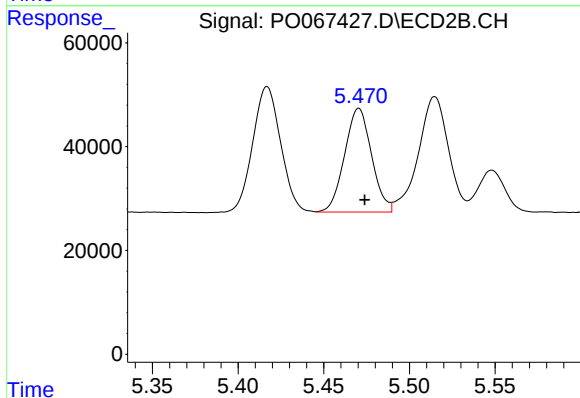
R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 375128
Conc: 473.24 ng/ml



#22 AR-1248-2

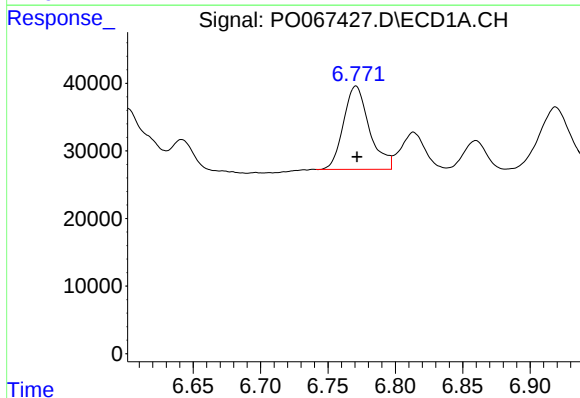
R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 133758
Conc: 221.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



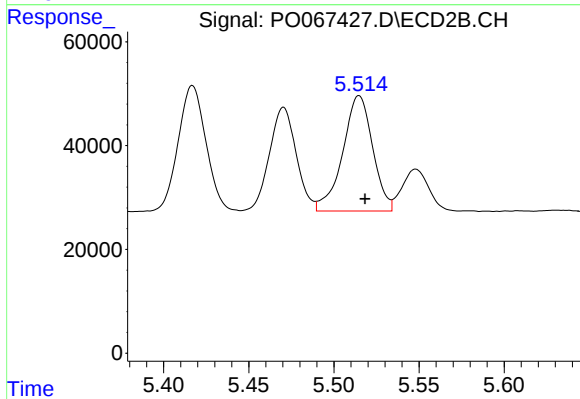
#22 AR-1248-2

R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 219032
Conc: 212.29 ng/ml



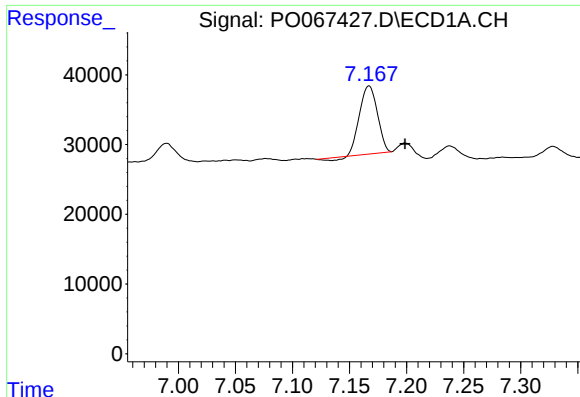
#23 AR-1248-3

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 165053
Conc: 233.74 ng/ml



#23 AR-1248-3

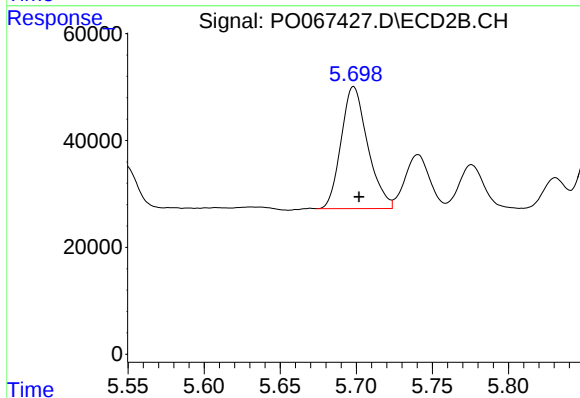
R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 272441
Conc: 258.85 ng/ml



#24 AR-1248-4

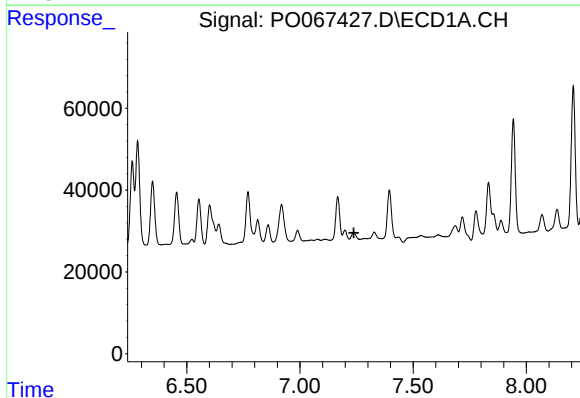
R.T.: 7.167 min
Delta R.T.: -0.032 min
Response: 104191
Conc: 125.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



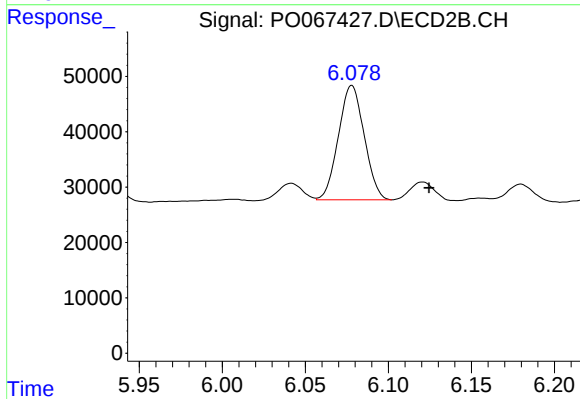
#24 AR-1248-4

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 277435
Conc: 219.37 ng/ml



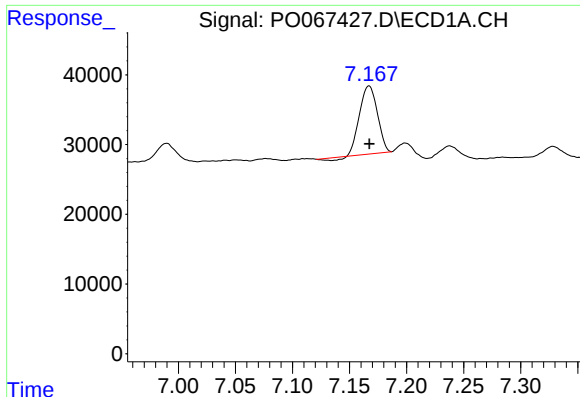
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.238 min
Response: 0
Conc: N.D.



#25 AR-1248-5

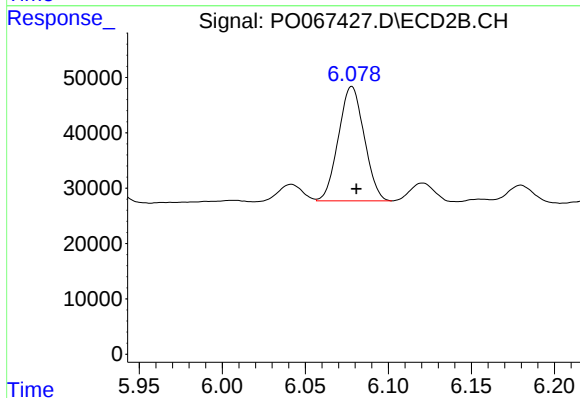
R.T.: 6.078 min
Delta R.T.: -0.046 min
Response: 223076
Conc: 177.83 ng/ml



#26 AR-1254-1

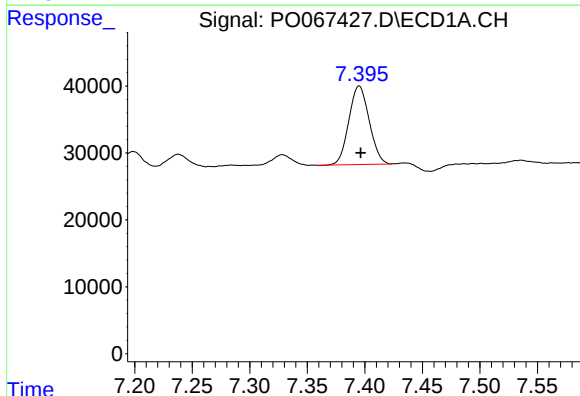
R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 104191
Conc: 123.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



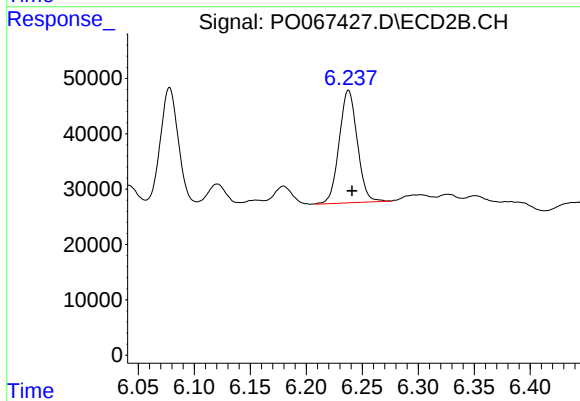
#26 AR-1254-1

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 223076
Conc: 114.57 ng/ml



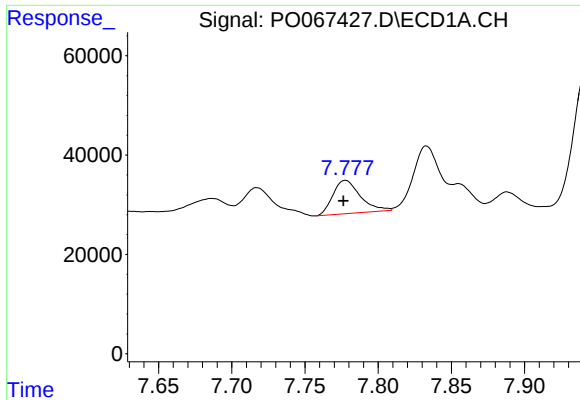
#27 AR-1254-2

R.T.: 7.395 min
Delta R.T.: -0.001 min
Response: 145267
Conc: 108.33 ng/ml



#27 AR-1254-2

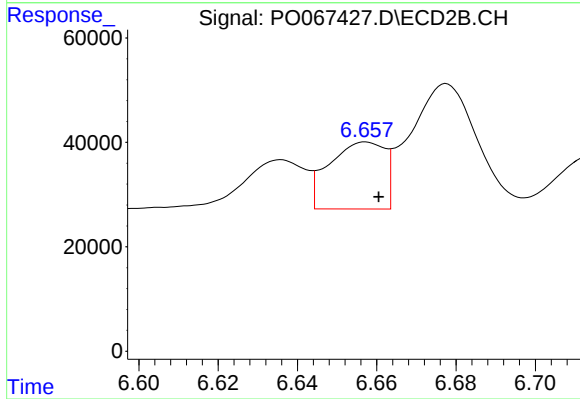
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 229342
Conc: 133.06 ng/ml



#28 AR-1254-3

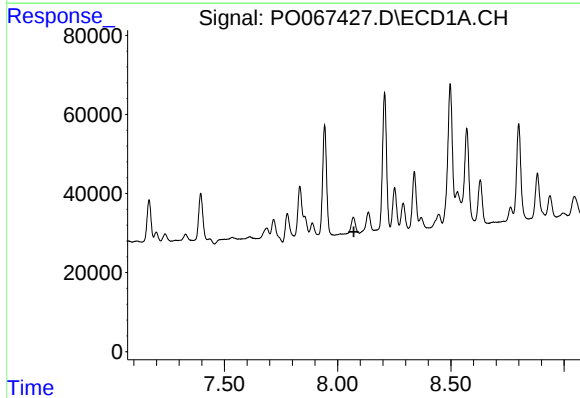
R.T.: 7.778 min
Delta R.T.: 0.001 min
Response: 87490
Conc: 60.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



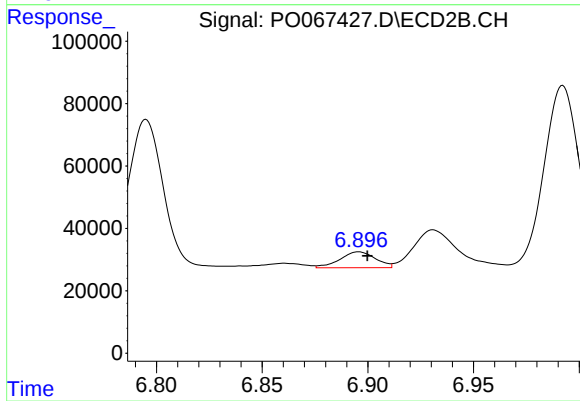
#28 AR-1254-3

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 124172
Conc: 44.27 ng/ml



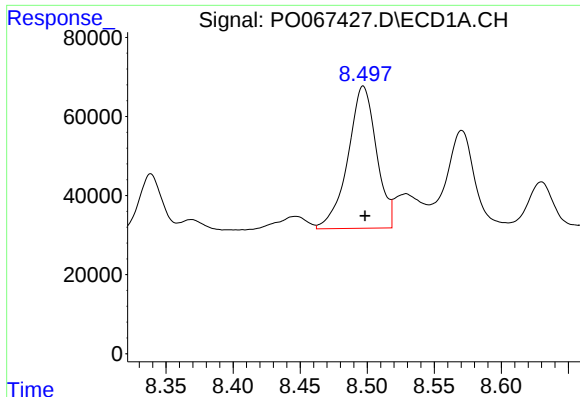
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.071 min
Response: 0
Conc: N.D.



#29 AR-1254-4

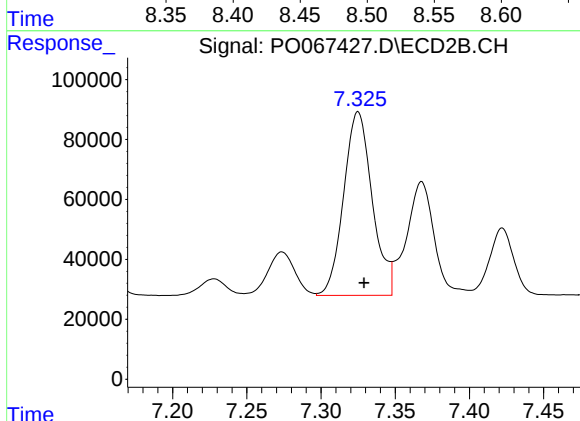
R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 59913
Conc: 32.56 ng/ml



#30 AR-1254-5

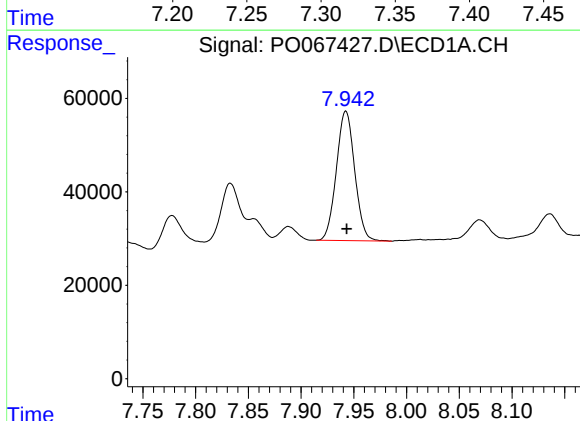
R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 530601
Conc: 430.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



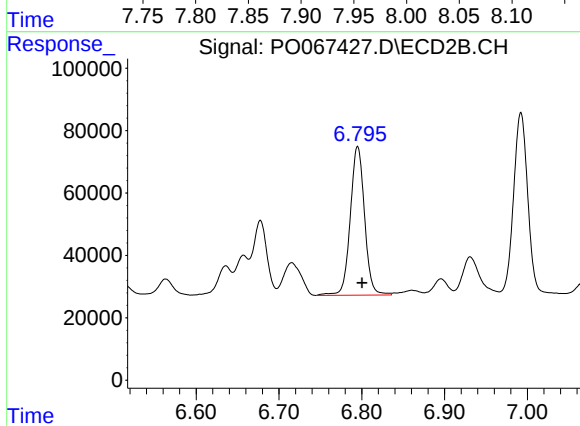
#30 AR-1254-5

R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 822398
Conc: 331.44 ng/ml



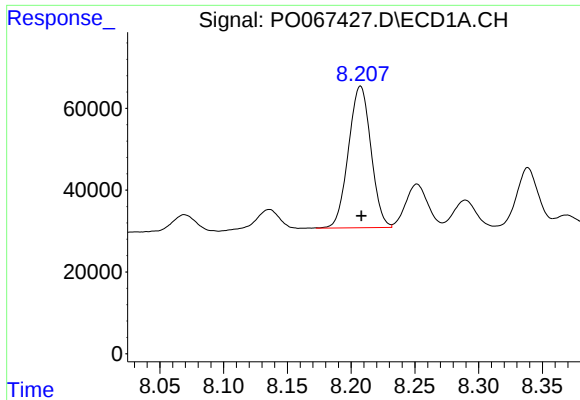
#31 AR-1260-1

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 334896
Conc: 276.05 ng/ml



#31 AR-1260-1

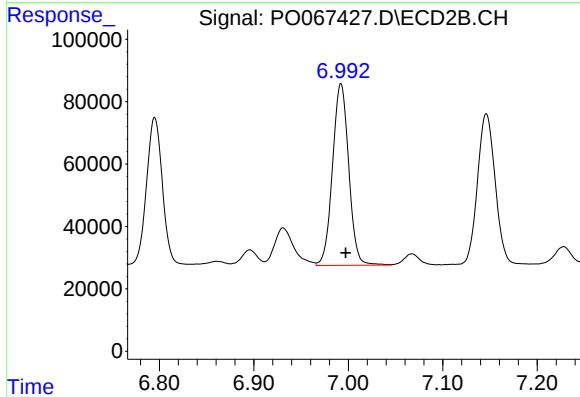
R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 572435
Conc: 267.15 ng/ml



#32 AR-1260-2

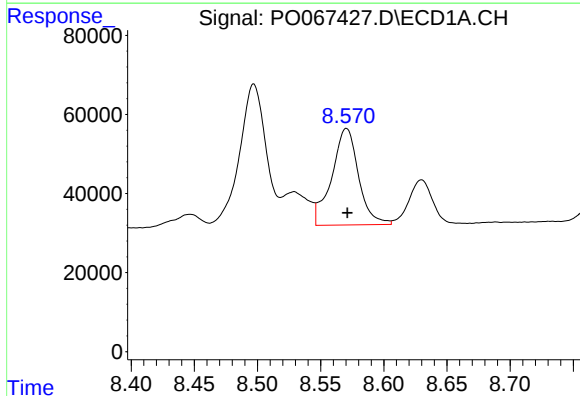
R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 424731
Conc: 283.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



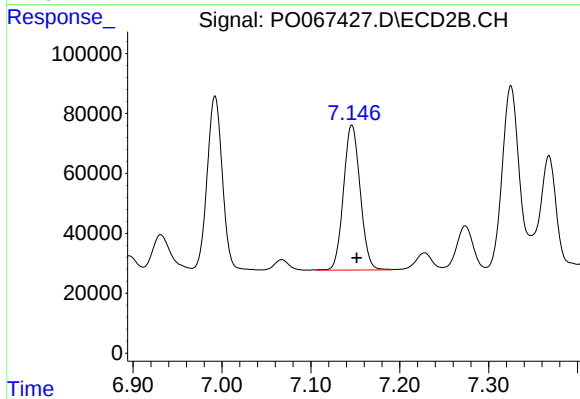
#32 AR-1260-2

R.T.: 6.992 min
Delta R.T.: -0.005 min
Response: 694361
Conc: 262.77 ng/ml



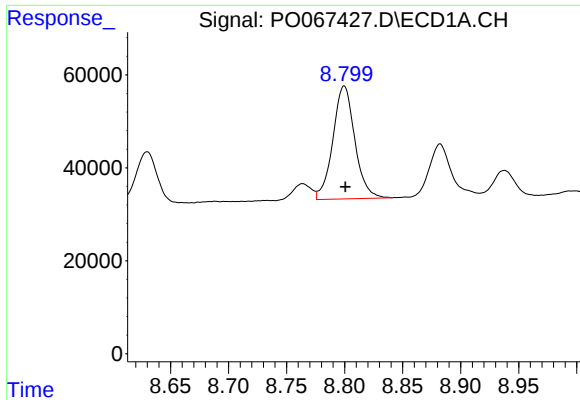
#33 AR-1260-3

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 361726
Conc: 313.77 ng/ml



#33 AR-1260-3

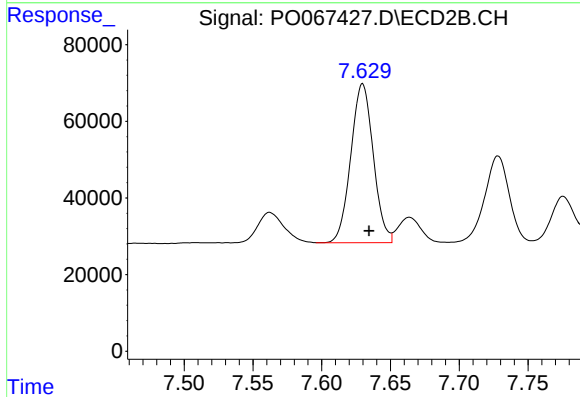
R.T.: 7.146 min
Delta R.T.: -0.005 min
Response: 631144
Conc: 258.62 ng/ml



#34 AR-1260-4

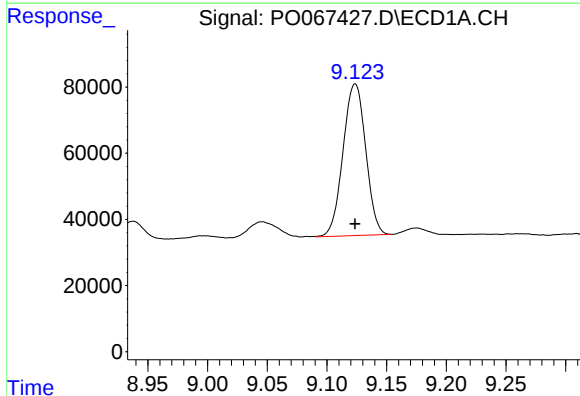
R.T.: 8.800 min
Delta R.T.: 0.000 min
Response: 319642
Conc: 238.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



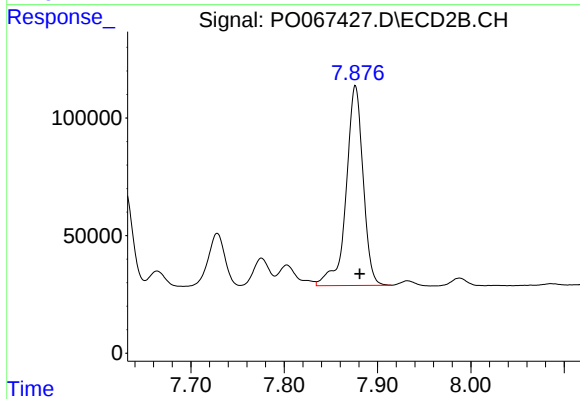
#34 AR-1260-4

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 472046
Conc: 222.39 ng/ml



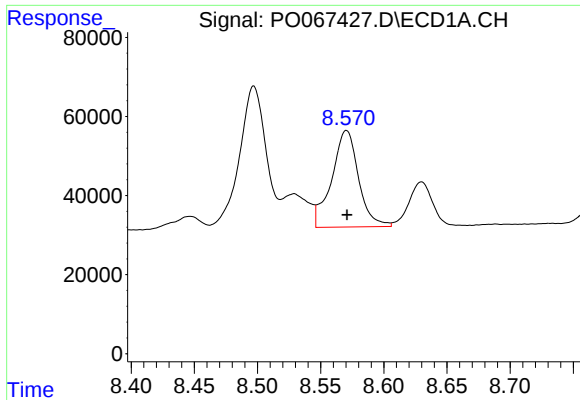
#35 AR-1260-5

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 606705
Conc: 213.51 ng/ml



#35 AR-1260-5

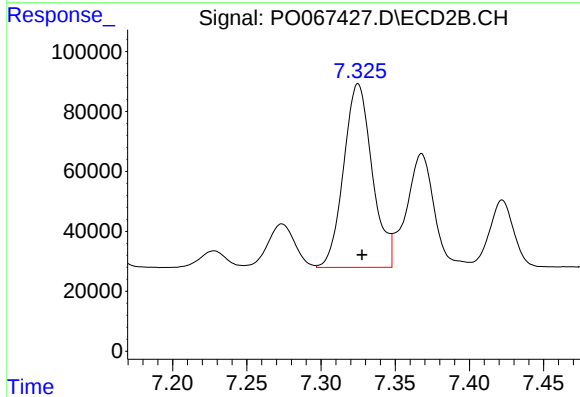
R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 1070753
Conc: 214.78 ng/ml



#36 AR-1262-1

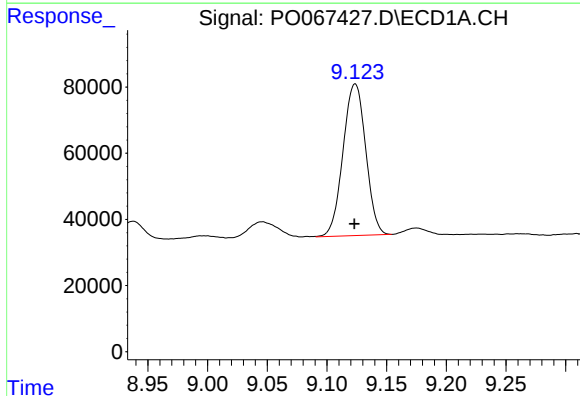
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 361726
Conc: 248.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



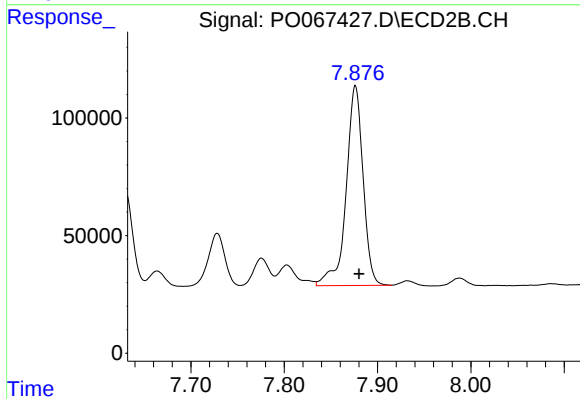
#36 AR-1262-1

R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 822398
Conc: 572.35 ng/ml



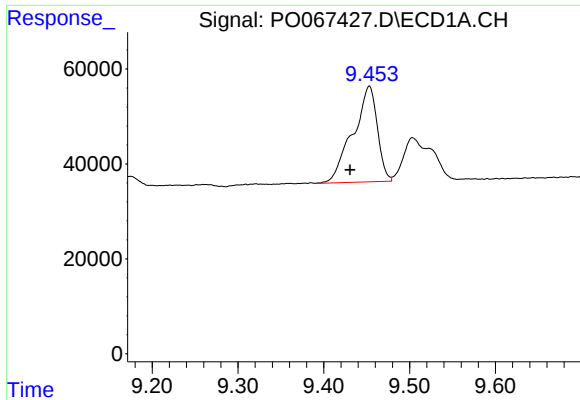
#37 AR-1262-2

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 606705
Conc: 219.54 ng/ml



#37 AR-1262-2

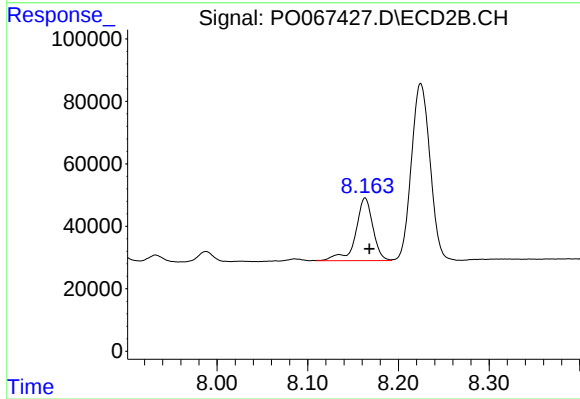
R.T.: 7.876 min
Delta R.T.: -0.004 min
Response: 1070753
Conc: 231.96 ng/ml



#38 AR-1262-3

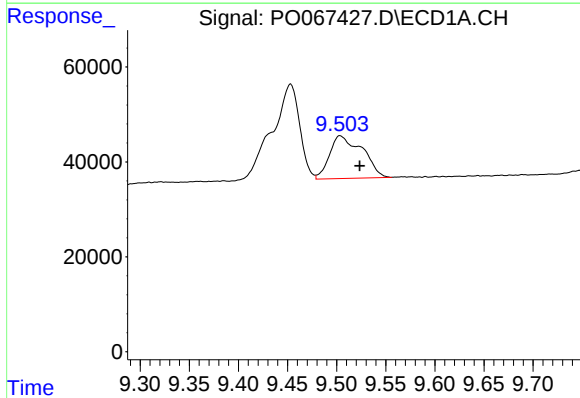
R.T.: 9.453 min
Delta R.T.: 0.022 min
Response: 398624
Conc: 205.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



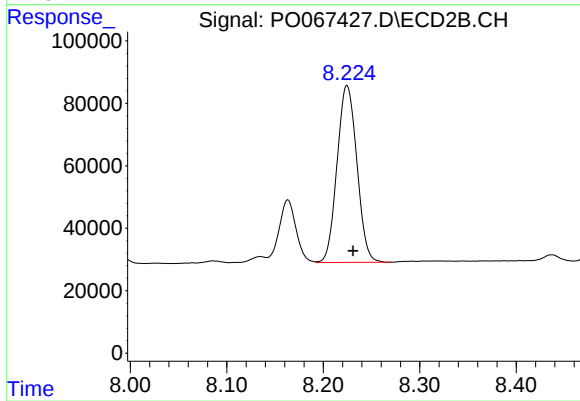
#38 AR-1262-3

R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 265351
Conc: 132.91 ng/ml



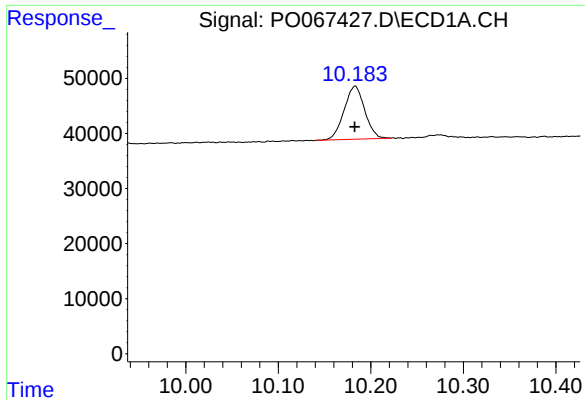
#39 AR-1262-4

R.T.: 9.504 min
Delta R.T.: -0.020 min
Response: 209167
Conc: 142.86 ng/ml



#39 AR-1262-4

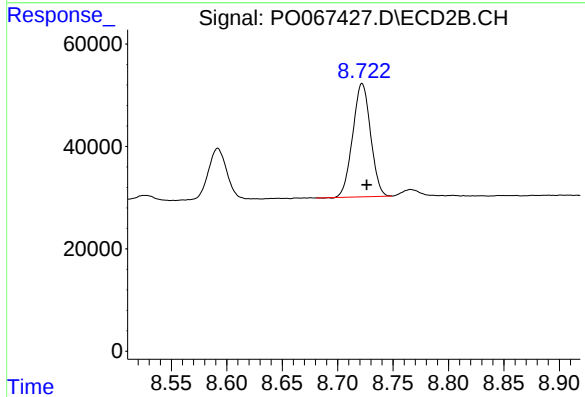
R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 808705
Conc: 230.46 ng/ml



#40 AR-1262-5

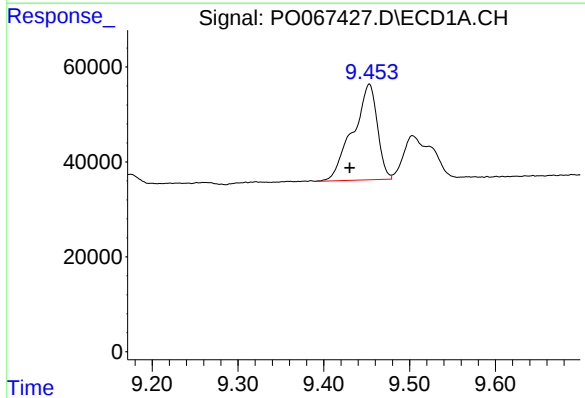
R.T.: 10.183 min
Delta R.T.: 0.000 min
Response: 148914
Conc: 136.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



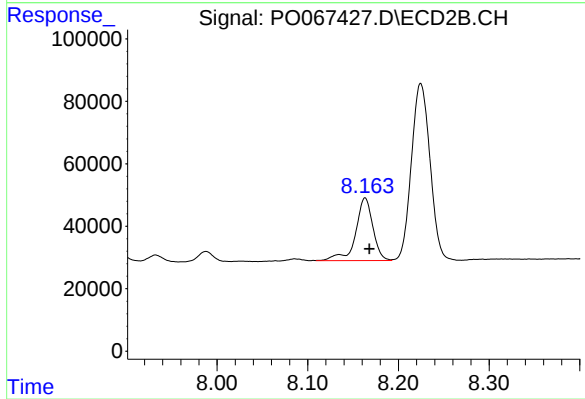
#40 AR-1262-5

R.T.: 8.722 min
Delta R.T.: -0.004 min
Response: 247889
Conc: 145.92 ng/ml



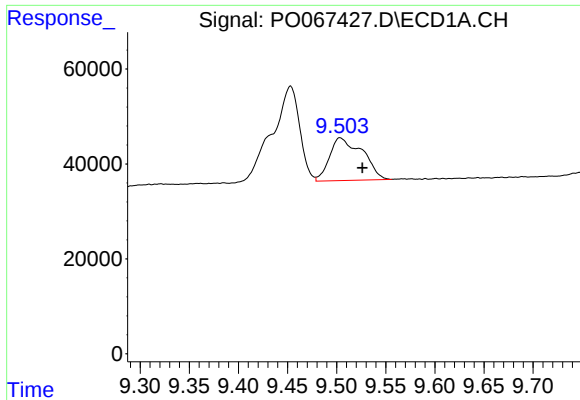
#41 AR-1268-1

R.T.: 9.453 min
Delta R.T.: 0.023 min
Response: 398624
Conc: 121.82 ng/ml



#41 AR-1268-1

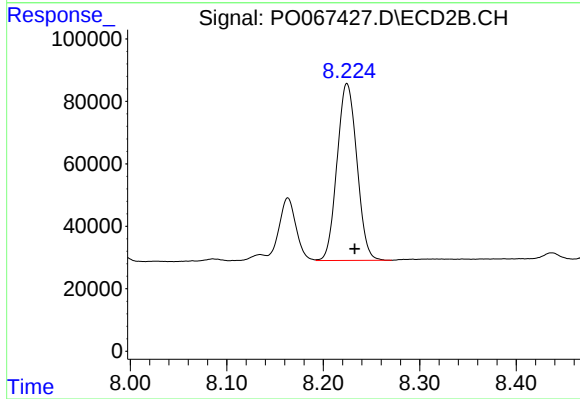
R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 265351
Conc: 50.00 ng/ml



#42 AR-1268-2

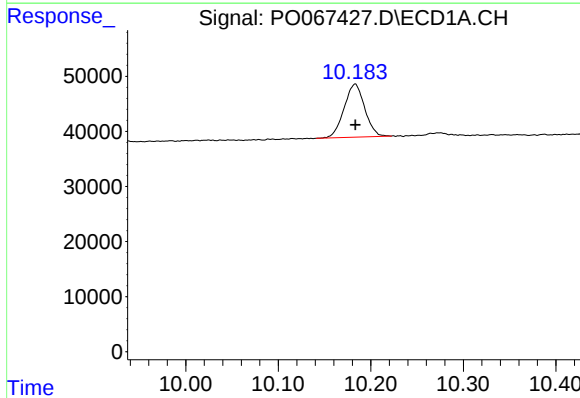
R.T.: 9.504 min
Delta R.T.: -0.023 min
Response: 209167
Conc: 68.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



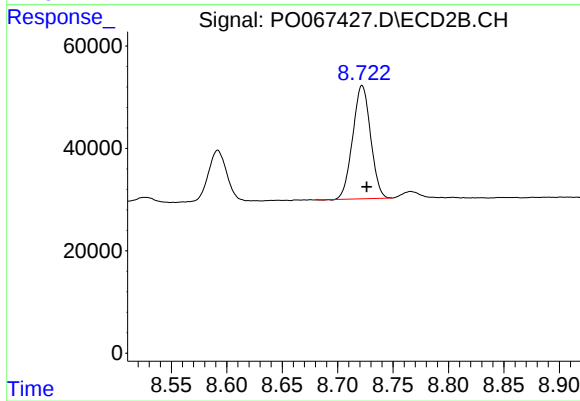
#42 AR-1268-2

R.T.: 8.225 min
Delta R.T.: -0.008 min
Response: 808705
Conc: 170.02 ng/ml



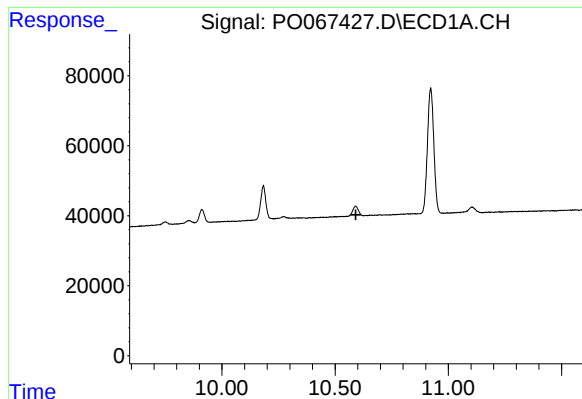
#44 AR-1268-4

R.T.: 10.183 min
Delta R.T.: 0.000 min
Response: 148914
Conc: 122.69 ng/ml



#44 AR-1268-4

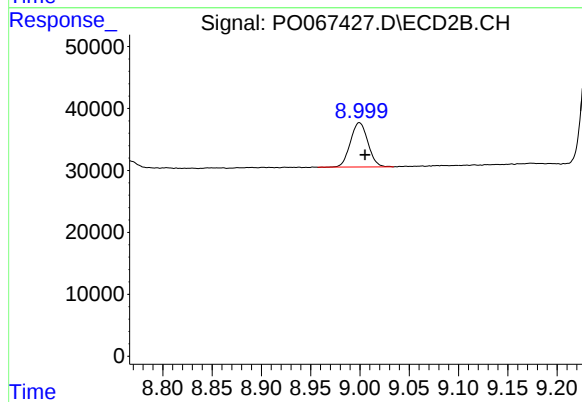
R.T.: 8.722 min
Delta R.T.: -0.004 min
Response: 247889
Conc: 132.55 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.999 min
Delta R.T.: -0.006 min
Response: 88795
Conc: 7.35 ng/ml