

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040220\
 Data File : P0067610.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Apr 2020 11:59
 Operator : DD\AJ
 Sample : L2085-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 12:52:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 01 17:26:29 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...	4.936	3.944	464945	699724	19.524	20.877
2)	SA Decachlor...	10.921	9.231	585544	852554	17.200	20.620
Target Compounds							
3)	L1 AR-1016-1	6.257	5.200	221286	339298	214.584	231.457
4)	L1 AR-1016-2	6.280	5.220	311089	444193	220.484	226.747
5)	L1 AR-1016-3	6.346	5.410	198623	249100	225.969	238.176
6)	L1 AR-1016-4	6.453	5.463	118847	591874	168.536	663.477 #
7)	L1 AR-1016-5	6.767	5.691	289868	463119	403.132	409.255
8)	L2 AR-1221-1	0.000	4.198	0	39409	N.D.	88.686 #
9)	L2 AR-1221-2	5.286	4.300	27065	44445	116.364	140.934
10)	L2 AR-1221-3	5.373	4.389	111201	174820	148.013	178.072
11)	L3 AR-1232-1	5.373	4.389	111201	174820	215.980	252.606
12)	L3 AR-1232-2	5.962	5.220	176768	444193	658.901	612.370
13)	L3 AR-1232-3	6.280	5.410	311089	249100	593.485	646.237
14)	L3 AR-1232-4	6.453	5.507	118847	340208	462.307	961.672 #
15)	L3 AR-1232-5	6.550	5.691	409712	463119	2187.324	1211.924 #
16)	L4 AR-1242-1	6.257	5.200	221286	339298	322.311	345.815
17)	L4 AR-1242-2	6.280	5.220	311089	444193	331.093	340.900
18)	L4 AR-1242-3	6.346	5.410	198623	249100	338.932	348.355
19)	L4 AR-1242-4	6.453	5.507	118847	340208	252.700	472.636 #
20)	L4 AR-1242-5	7.237	6.071	257272	1190619	481.584	1272.385 #
21)	L5 AR-1248-1	6.257	5.200	221286	339298	412.453	434.323
22)	L5 AR-1248-2	6.550	5.463	409712	591874	582.318	588.201
23)	L5 AR-1248-3	6.767	5.507	289868	340208	356.163	332.615
24)	L5 AR-1248-4	7.196	5.691	369071	463119	391.190	371.604
25)	L5 AR-1248-5	7.237	6.113	257272	178298	285.478	144.081 #
26)	L6 AR-1254-1	7.165	6.071	689820	1190619	703.105	613.817
27)	L6 AR-1254-2	7.394	6.231	971001	1108926	627.654	636.545
28)	L6 AR-1254-3	7.774	6.650	1020270	1977303	624.048	713.748
29)	L6 AR-1254-4	8.069	6.889	772474	1086553	602.712	594.561
30)	L6 AR-1254-5	8.495	7.318	1263457	2154692	918.396	845.690
31)	L7 AR-1260-1	7.940	6.788	657540	1171611	486.551	558.859
32)	L7 AR-1260-2	8.204	6.985	1109380	1130931	657.147	440.438 #
33)	L7 AR-1260-3	8.567	7.138	364798	1079259	279.864	448.817 #
34)	L7 AR-1260-4	8.794	7.622	605160	503380	393.779	239.511 #
35)	L7 AR-1260-5	9.121	7.869	705203	1402047	223.546	276.946
36)	L8 AR-1262-1	8.567	7.318	364798	2154692	217.600	1554.923 #
37)	L8 AR-1262-2	9.121	7.869	705203	1402047	245.760	306.654
38)	L8 AR-1262-3	9.450	8.155	503354	424704	241.900	216.084
39)	L8 AR-1262-4	9.521	8.216	104093	969759	65.783	282.896 #
40)	L8 AR-1262-5	10.181	8.714	171961	267313	145.844	157.258
41)	L9 AR-1268-1	9.450	8.155	503354	424704	136.220	78.932 #

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 ALS Vial : 13 Sample Multiplier: 1

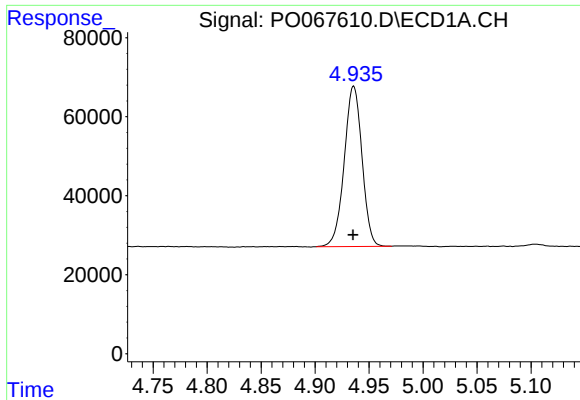
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
42) L9	AR-1268-2	9.521	8.216	104093	969759	30.033	196.406 #
43) L9	AR-1268-3	9.748	8.428	61126	92804	21.051	22.141
44) L9	AR-1268-4	10.181	8.714	171961	267313	123.872	138.155
45) L9	AR-1268-5	10.589	8.992	233578	392860	23.559	30.464 #

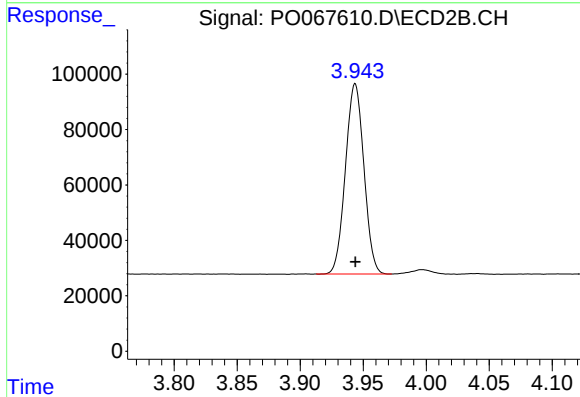
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

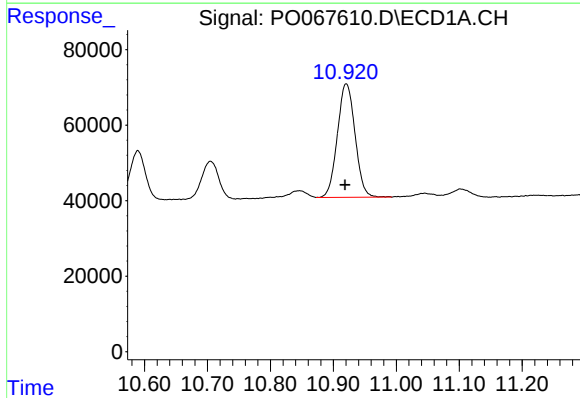
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 464945
Conc: 19.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



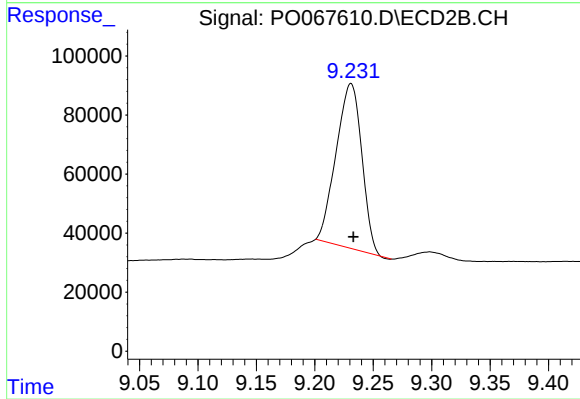
#1 Tetrachloro-m-xylene

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 699724
Conc: 20.88 ng/ml



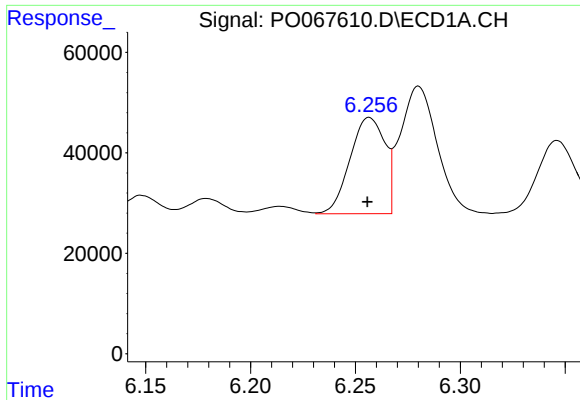
#2 Decachlorobiphenyl

R.T.: 10.921 min
Delta R.T.: 0.002 min
Response: 585544
Conc: 17.20 ng/ml



#2 Decachlorobiphenyl

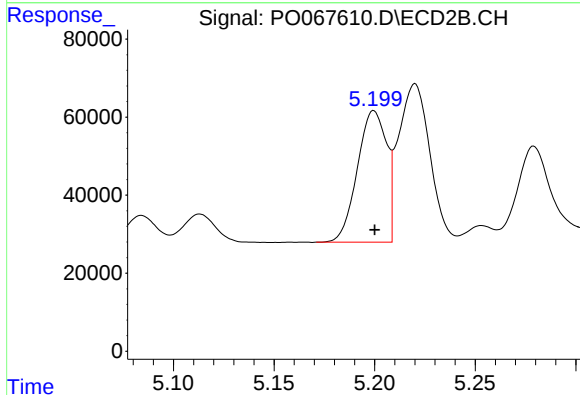
R.T.: 9.231 min
Delta R.T.: -0.002 min
Response: 852554
Conc: 20.62 ng/ml



#3 AR-1016-1

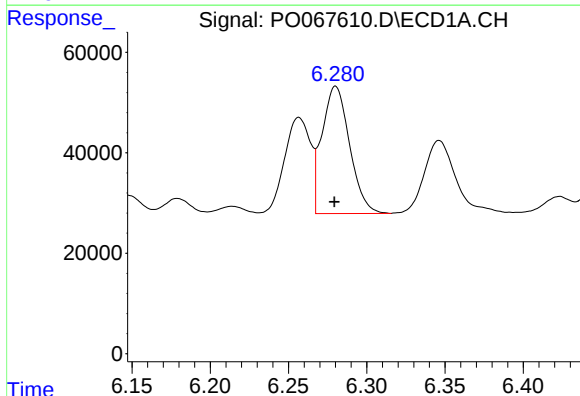
R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 221286
Conc: 214.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



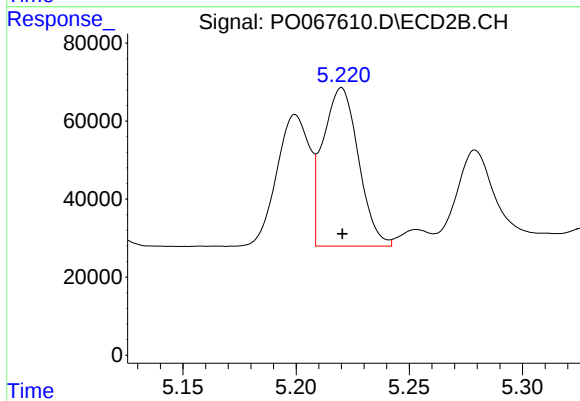
#3 AR-1016-1

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 339298
Conc: 231.46 ng/ml



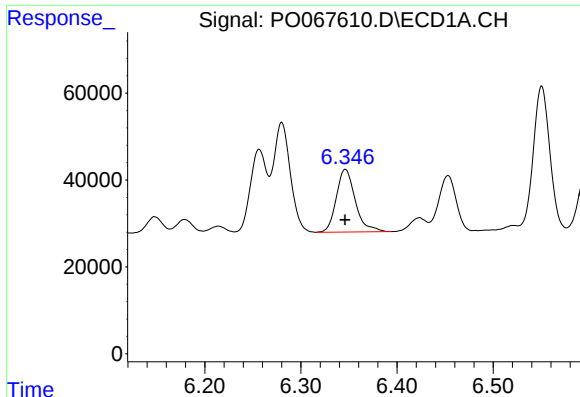
#4 AR-1016-2

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 311089
Conc: 220.48 ng/ml



#4 AR-1016-2

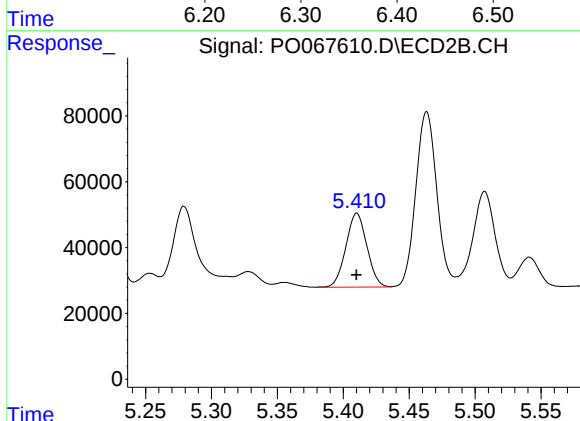
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 444193
Conc: 226.75 ng/ml



#5 AR-1016-3

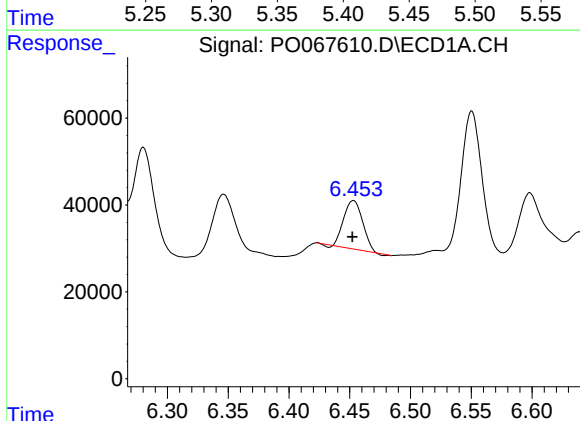
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 198623
Conc: 225.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



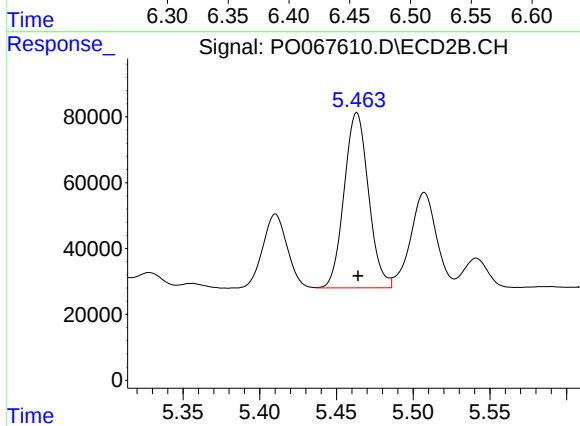
#5 AR-1016-3

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 249100
Conc: 238.18 ng/ml



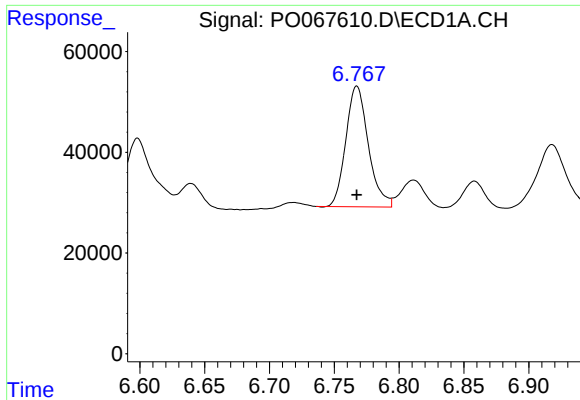
#6 AR-1016-4

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 118847
Conc: 168.54 ng/ml



#6 AR-1016-4

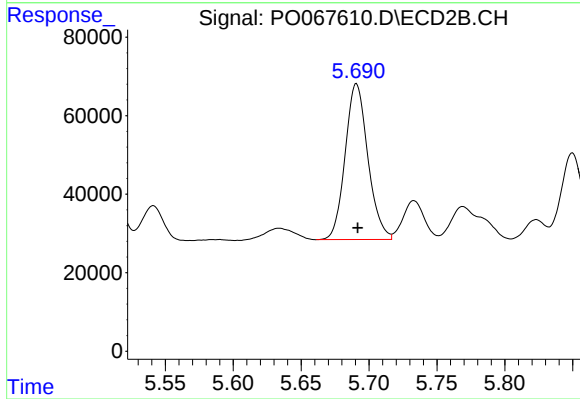
R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 591874
Conc: 663.48 ng/ml



#7 AR-1016-5

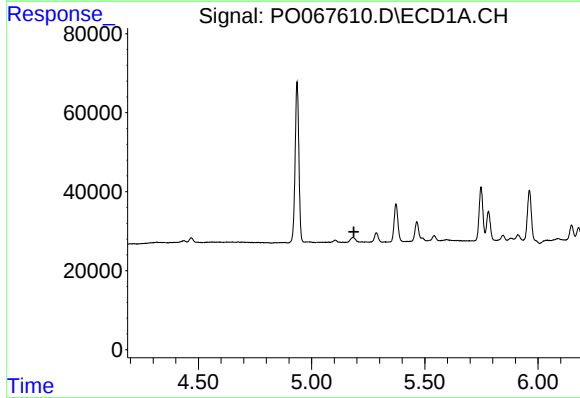
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 289868
Conc: 403.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



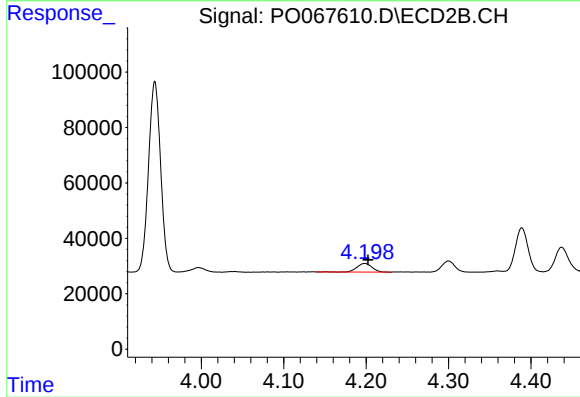
#7 AR-1016-5

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 463119
Conc: 409.25 ng/ml



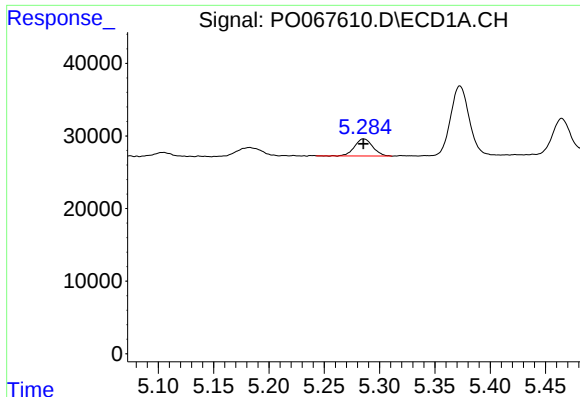
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.187 min
Response: 0
Conc: N.D.



#8 AR-1221-1

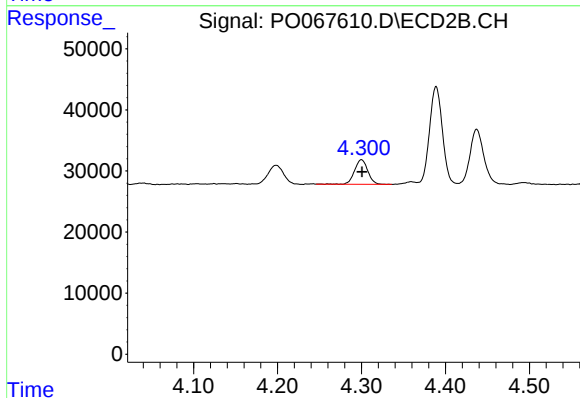
R.T.: 4.198 min
Delta R.T.: -0.004 min
Response: 39409
Conc: 88.69 ng/ml



#9 AR-1221-2

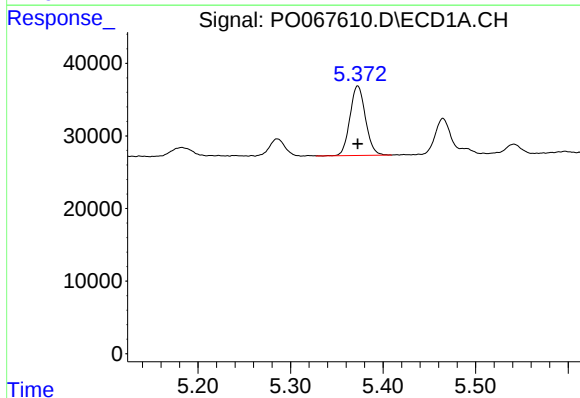
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 27065
Conc: 116.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



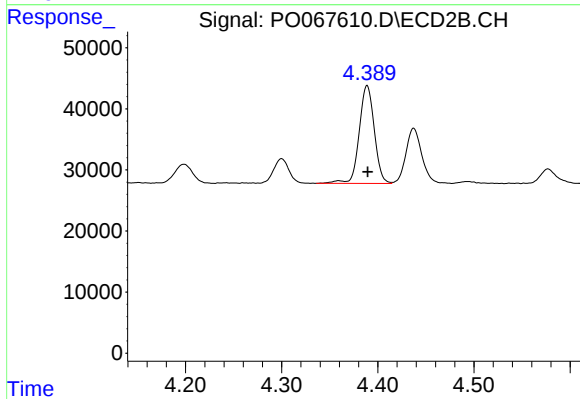
#9 AR-1221-2

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 44445
Conc: 140.93 ng/ml



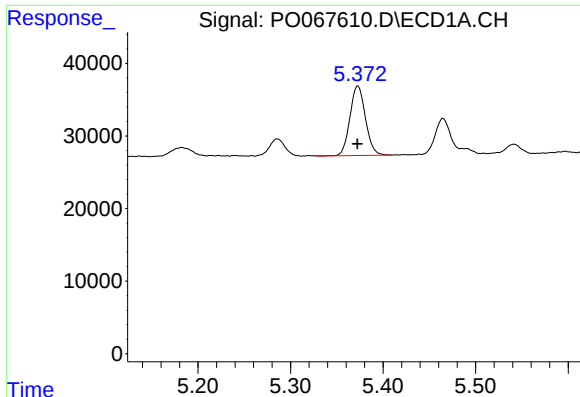
#10 AR-1221-3

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 111201
Conc: 148.01 ng/ml



#10 AR-1221-3

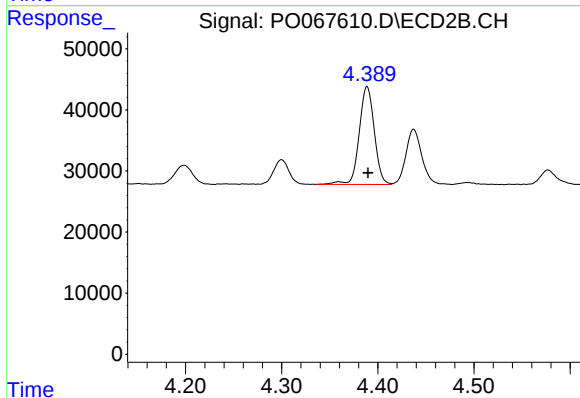
R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 174820
Conc: 178.07 ng/ml



#11 AR-1232-1

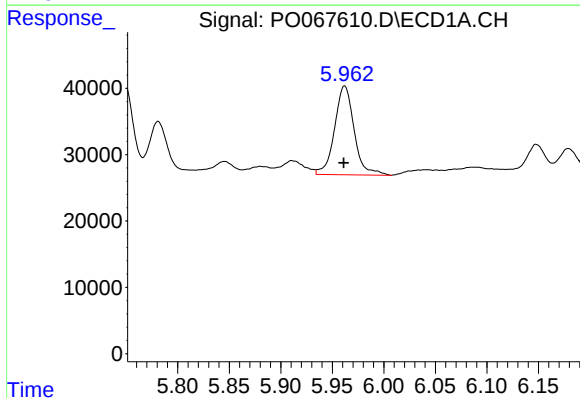
R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 111201
Conc: 215.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



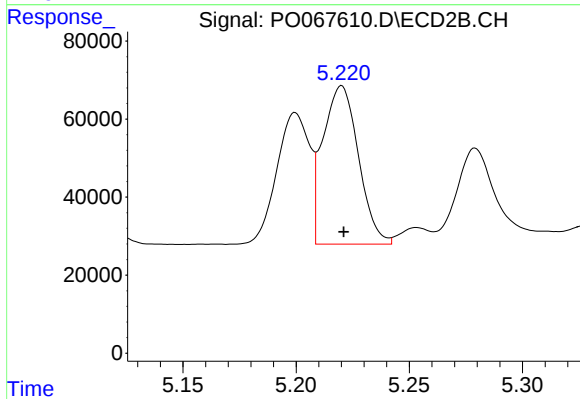
#11 AR-1232-1

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 174820
Conc: 252.61 ng/ml



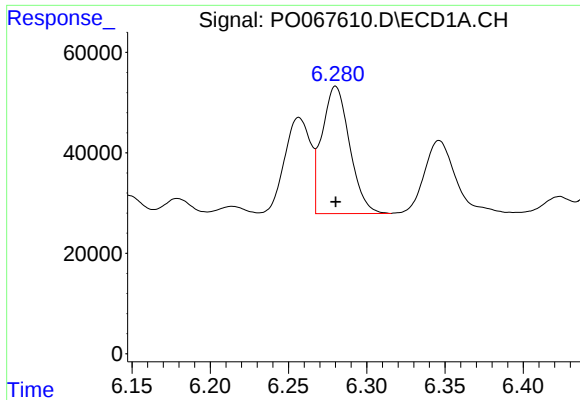
#12 AR-1232-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 176768
Conc: 658.90 ng/ml



#12 AR-1232-2

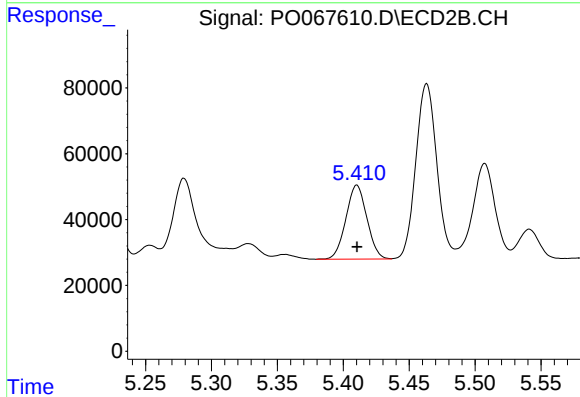
R.T.: 5.220 min
Delta R.T.: -0.001 min
Response: 444193
Conc: 612.37 ng/ml



#13 AR-1232-3

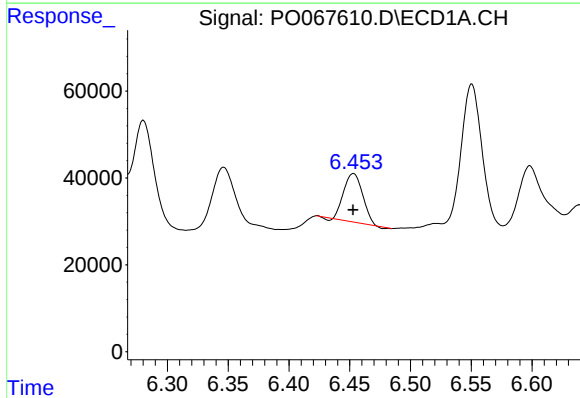
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 311089
Conc: 593.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



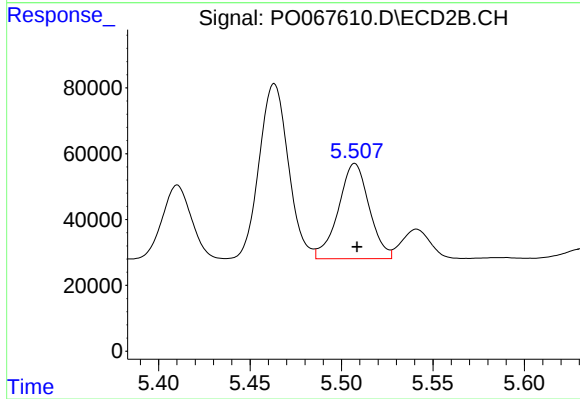
#13 AR-1232-3

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 249100
Conc: 646.24 ng/ml



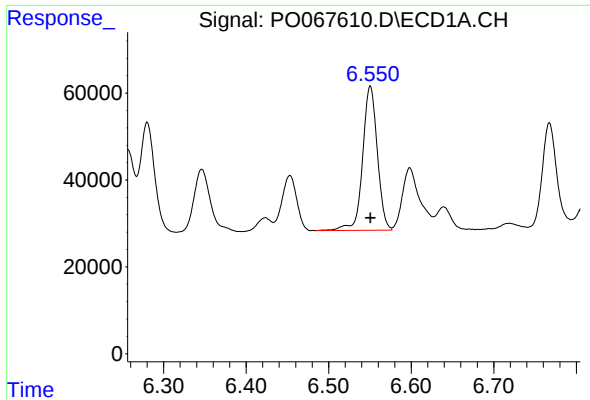
#14 AR-1232-4

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 118847
Conc: 462.31 ng/ml



#14 AR-1232-4

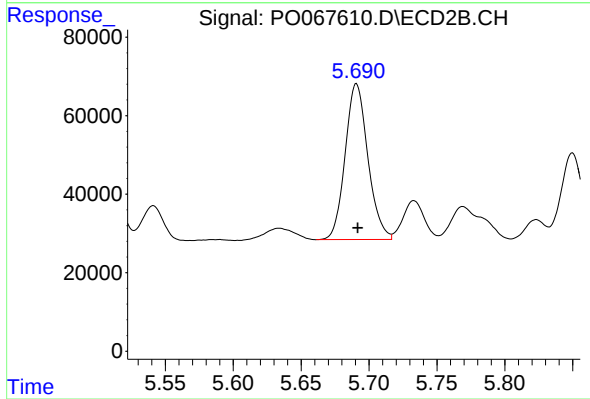
R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 340208
Conc: 961.67 ng/ml



#15 AR-1232-5

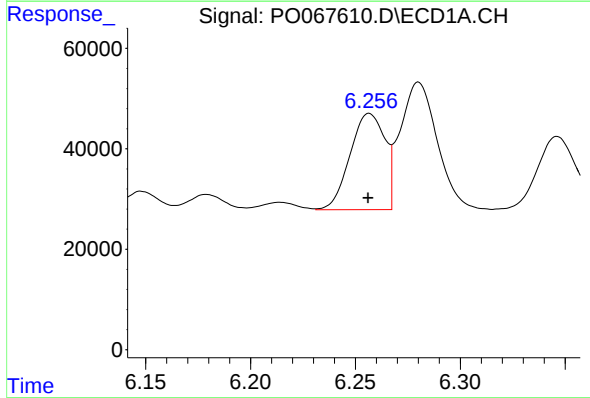
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 409712
Conc: 2187.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



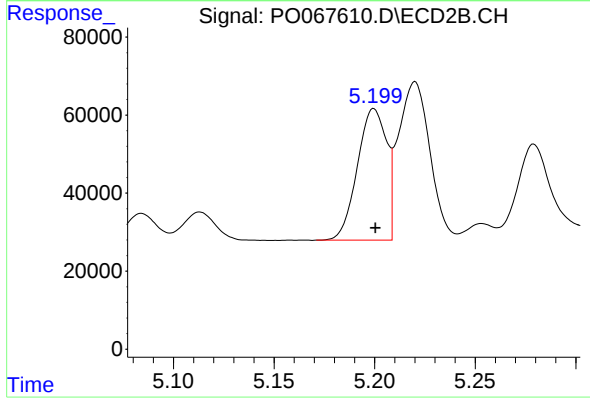
#15 AR-1232-5

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 463119
Conc: 1211.92 ng/ml



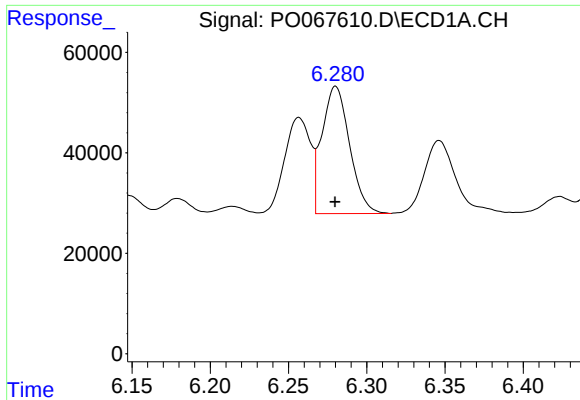
#16 AR-1242-1

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 221286
Conc: 322.31 ng/ml



#16 AR-1242-1

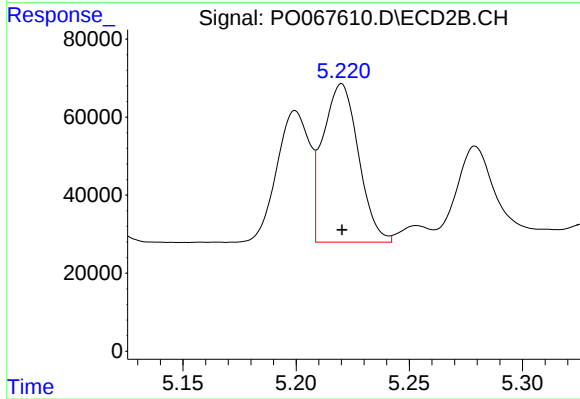
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 339298
Conc: 345.81 ng/ml



#17 AR-1242-2

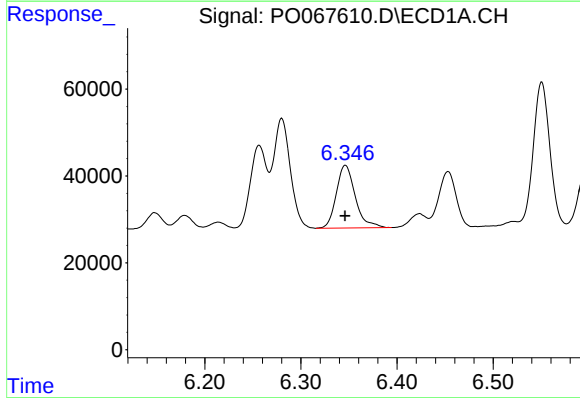
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 311089
Conc: 331.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



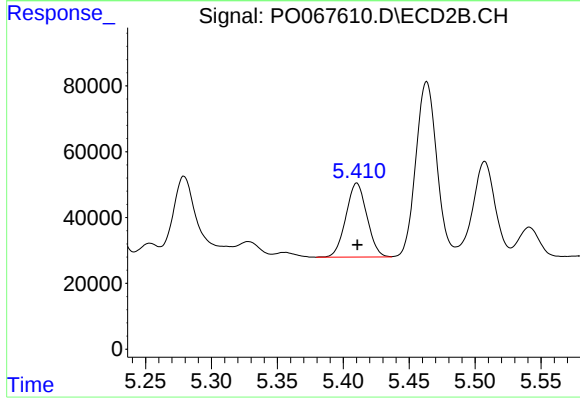
#17 AR-1242-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 444193
Conc: 340.90 ng/ml



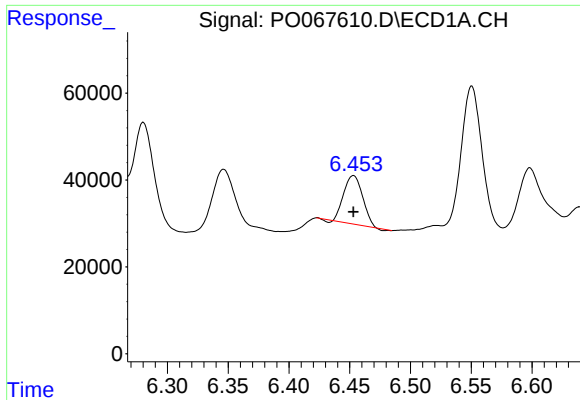
#18 AR-1242-3

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 198623
Conc: 338.93 ng/ml



#18 AR-1242-3

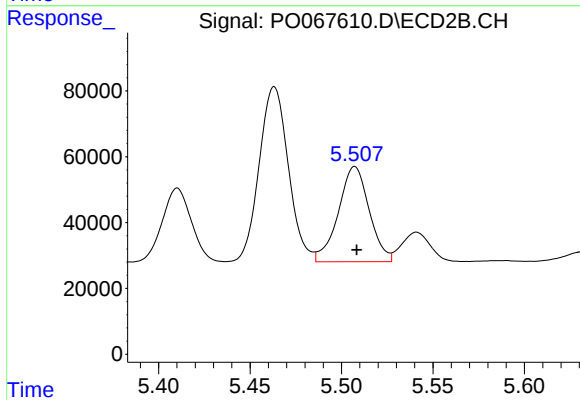
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 249100
Conc: 348.35 ng/ml



#19 AR-1242-4

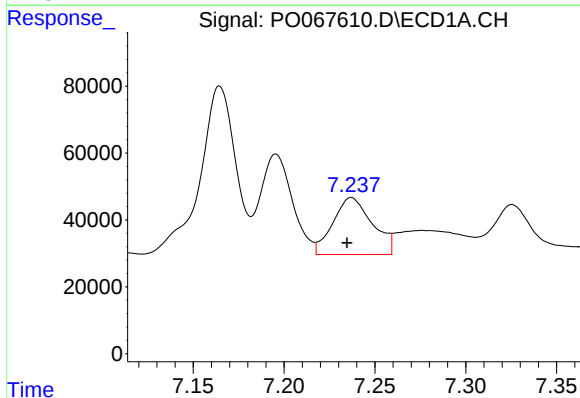
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 118847
Conc: 252.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



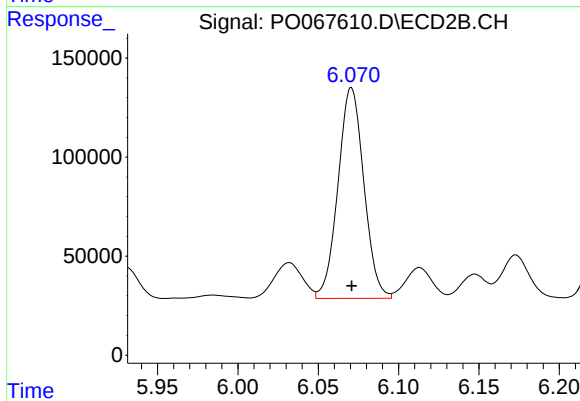
#19 AR-1242-4

R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 340208
Conc: 472.64 ng/ml



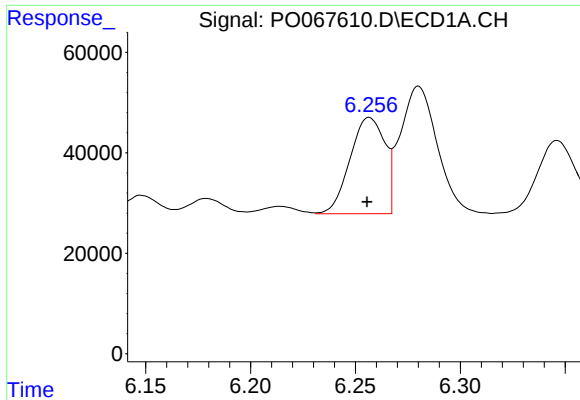
#20 AR-1242-5

R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 257272
Conc: 481.58 ng/ml



#20 AR-1242-5

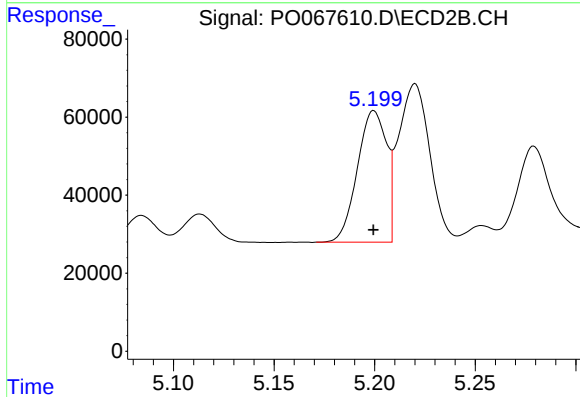
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 1190619
Conc: 1272.38 ng/ml



#21 AR-1248-1

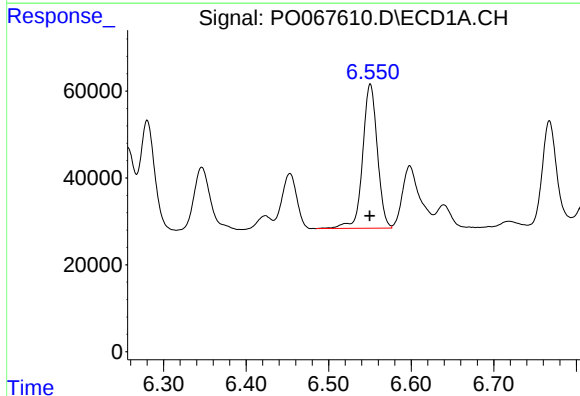
R.T.: 6.257 min
Delta R.T.: 0.001 min
Response: 221286
Conc: 412.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



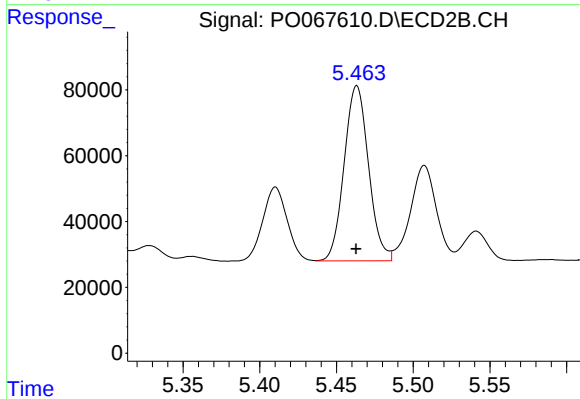
#21 AR-1248-1

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 339298
Conc: 434.32 ng/ml



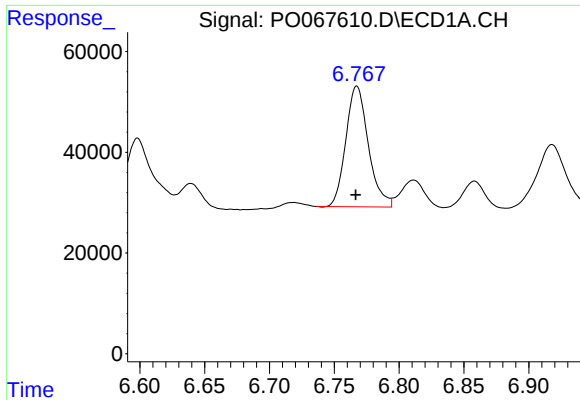
#22 AR-1248-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 409712
Conc: 582.32 ng/ml



#22 AR-1248-2

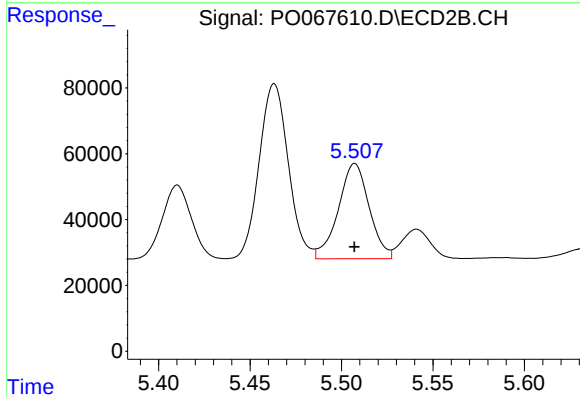
R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 591874
Conc: 588.20 ng/ml



#23 AR-1248-3

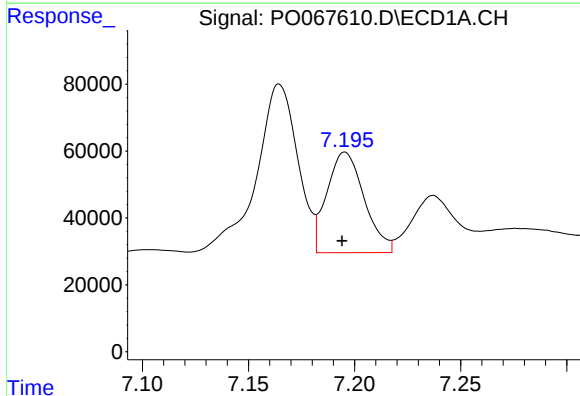
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 289868
Conc: 356.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



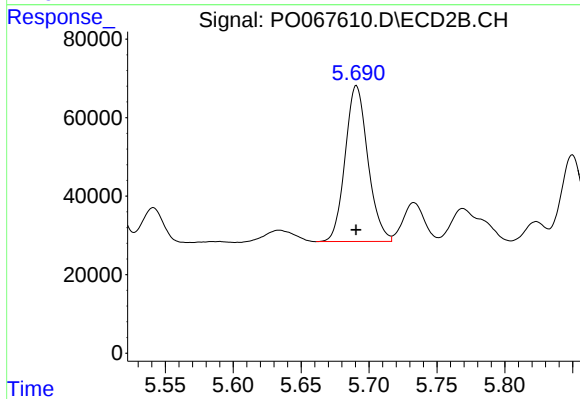
#23 AR-1248-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 340208
Conc: 332.61 ng/ml



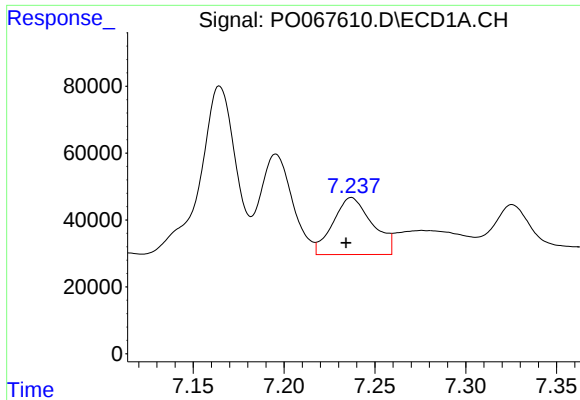
#24 AR-1248-4

R.T.: 7.196 min
Delta R.T.: 0.001 min
Response: 369071
Conc: 391.19 ng/ml



#24 AR-1248-4

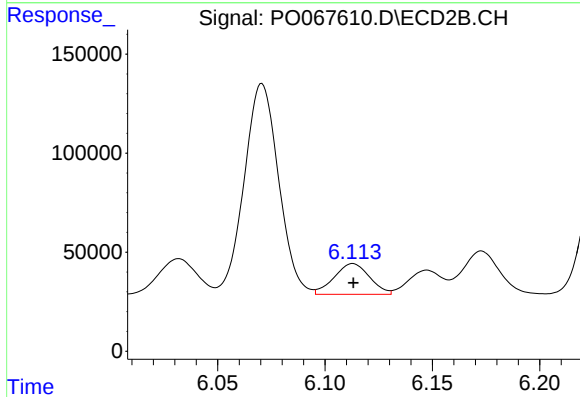
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 463119
Conc: 371.60 ng/ml



#25 AR-1248-5

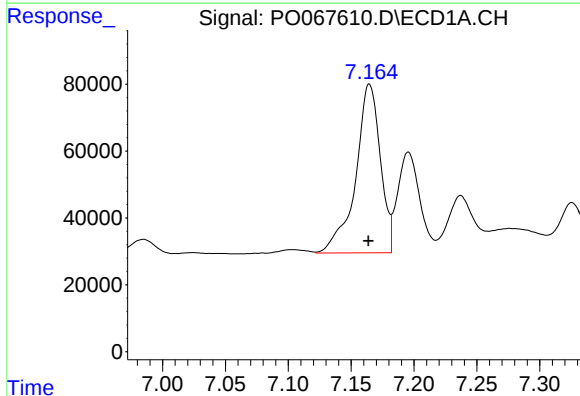
R.T.: 7.237 min
Delta R.T.: 0.003 min
Response: 257272
Conc: 285.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



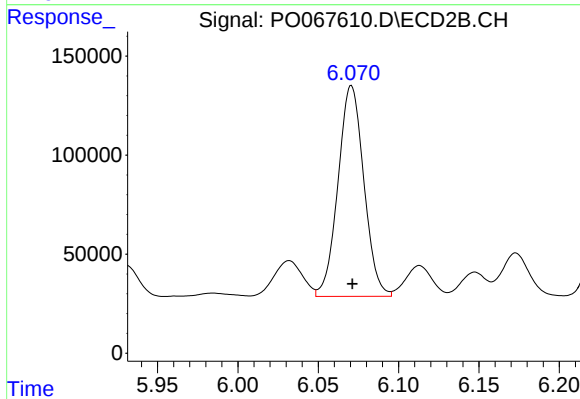
#25 AR-1248-5

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 178298
Conc: 144.08 ng/ml



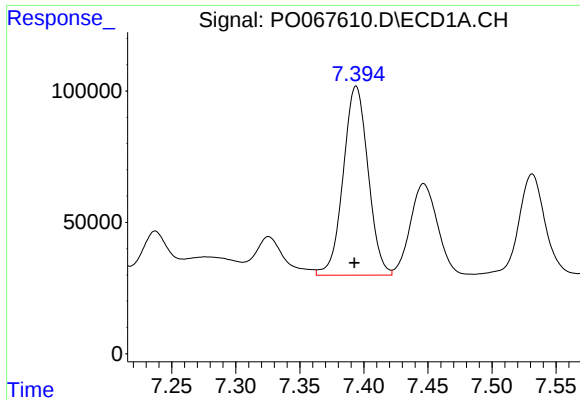
#26 AR-1254-1

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 689820
Conc: 703.11 ng/ml



#26 AR-1254-1

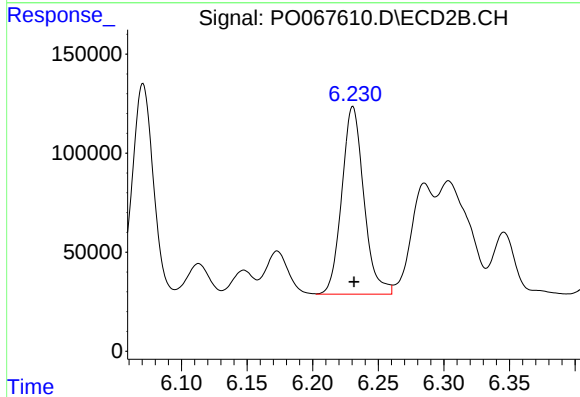
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 1190619
Conc: 613.82 ng/ml



#27 AR-1254-2

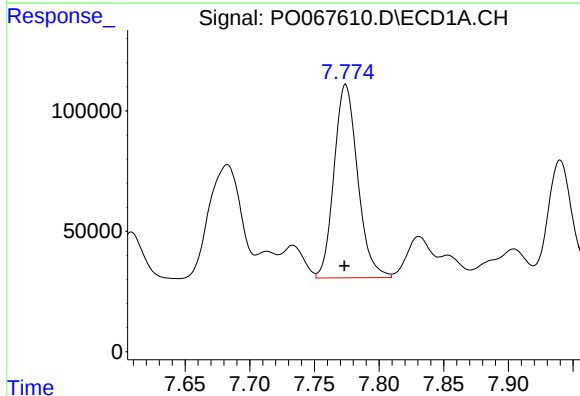
R.T.: 7.394 min
Delta R.T.: 0.001 min
Response: 971001
Conc: 627.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



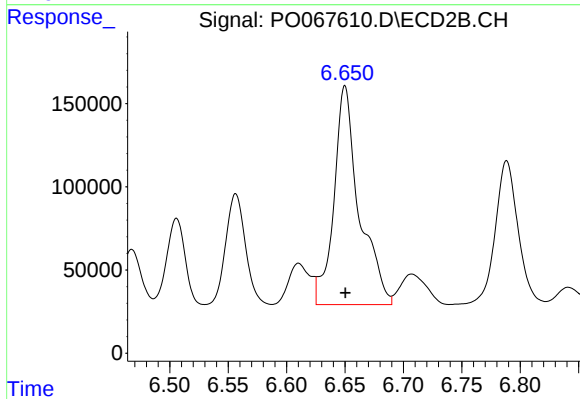
#27 AR-1254-2

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 1108926
Conc: 636.55 ng/ml



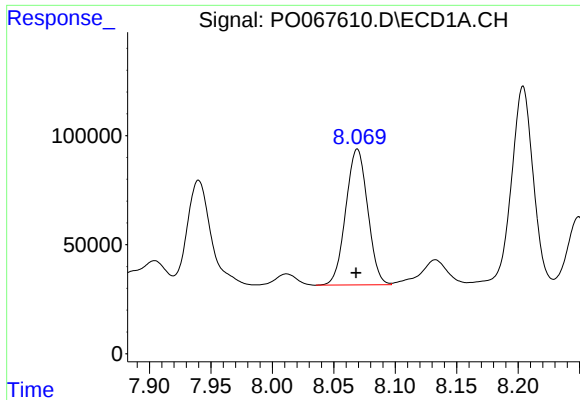
#28 AR-1254-3

R.T.: 7.774 min
Delta R.T.: 0.001 min
Response: 1020270
Conc: 624.05 ng/ml



#28 AR-1254-3

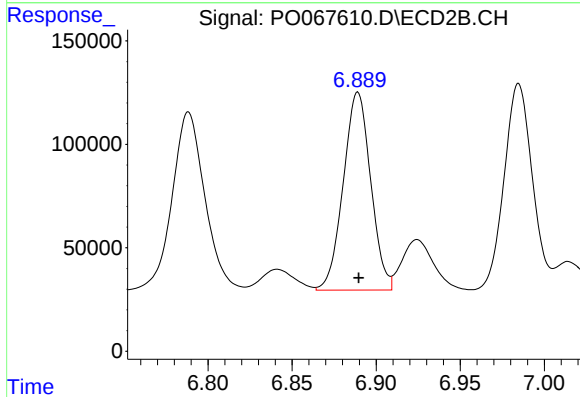
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 1977303
Conc: 713.75 ng/ml



#29 AR-1254-4

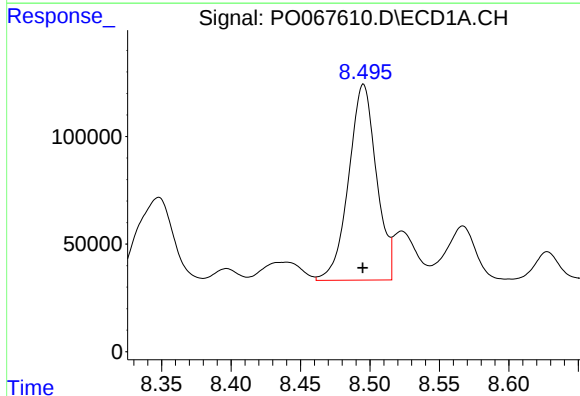
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 772474
Conc: 602.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



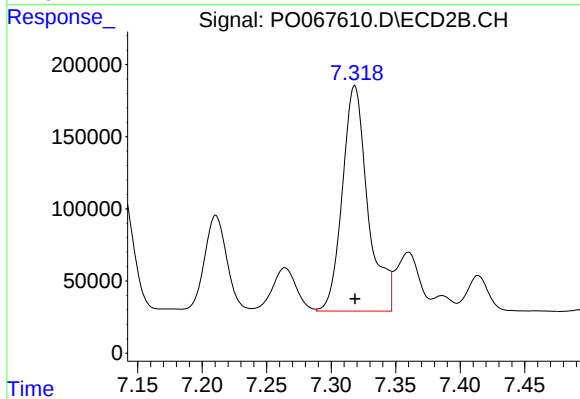
#29 AR-1254-4

R.T.: 6.889 min
Delta R.T.: 0.000 min
Response: 1086553
Conc: 594.56 ng/ml



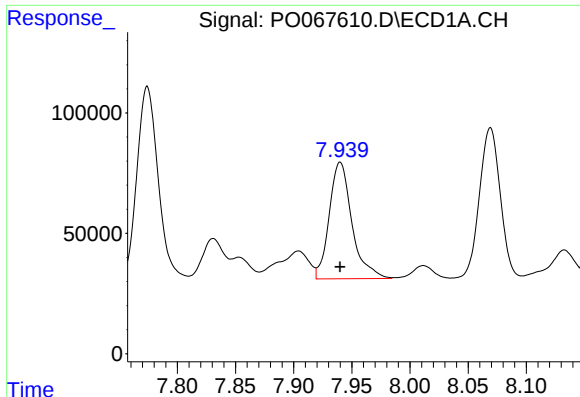
#30 AR-1254-5

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 1263457
Conc: 918.40 ng/ml



#30 AR-1254-5

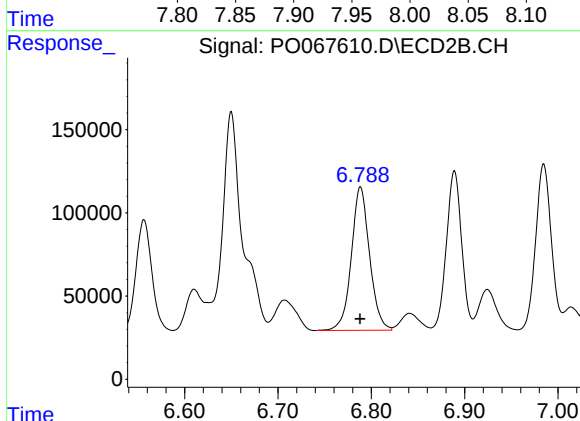
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2154692
Conc: 845.69 ng/ml



#31 AR-1260-1

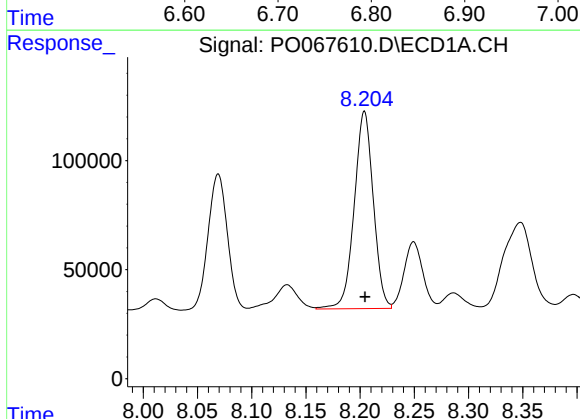
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 657540
Conc: 486.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



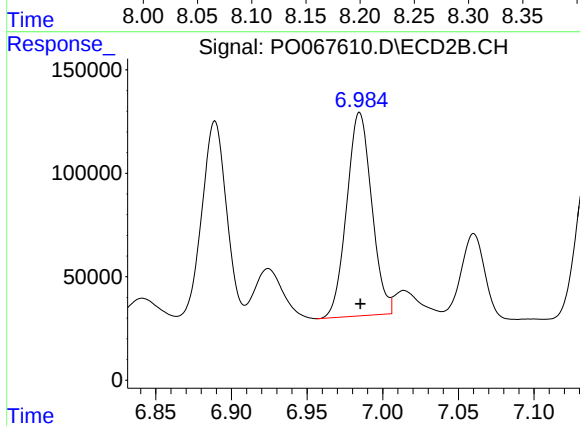
#31 AR-1260-1

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 1171611
Conc: 558.86 ng/ml



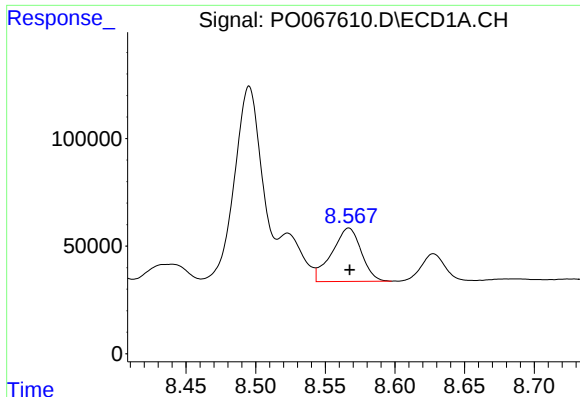
#32 AR-1260-2

R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 1109380
Conc: 657.15 ng/ml



#32 AR-1260-2

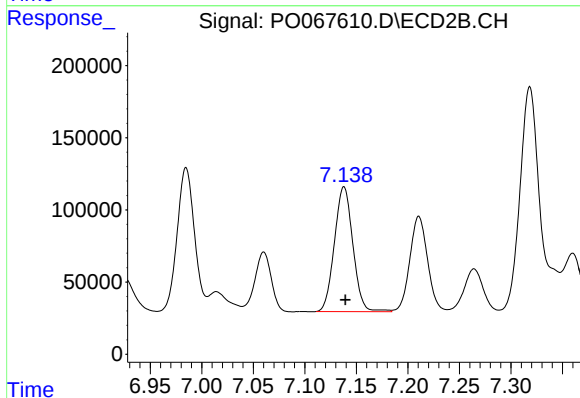
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 1130931
Conc: 440.44 ng/ml



#33 AR-1260-3

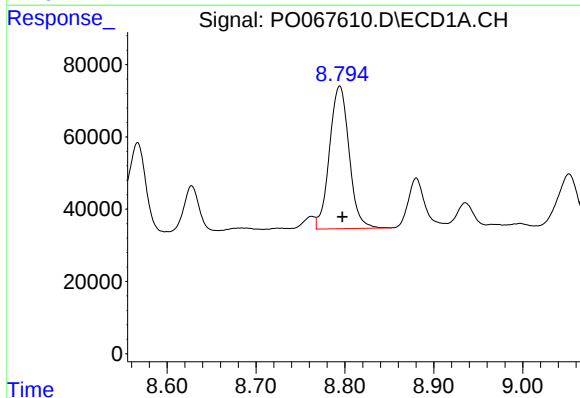
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 364798
Conc: 279.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



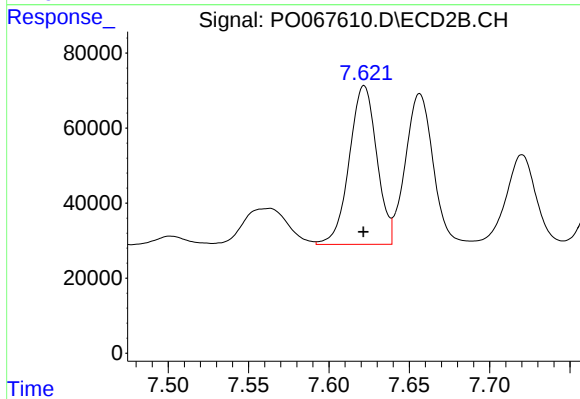
#33 AR-1260-3

R.T.: 7.138 min
Delta R.T.: -0.001 min
Response: 1079259
Conc: 448.82 ng/ml



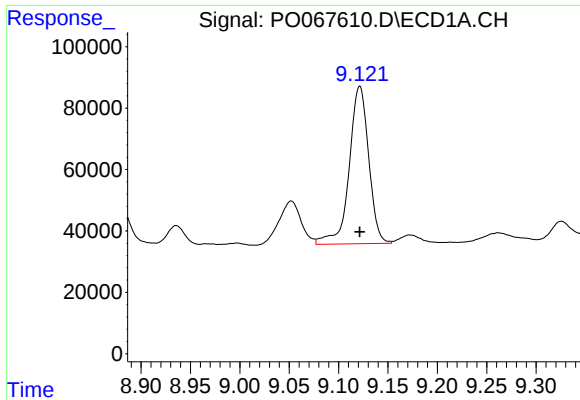
#34 AR-1260-4

R.T.: 8.794 min
Delta R.T.: -0.003 min
Response: 605160
Conc: 393.78 ng/ml



#34 AR-1260-4

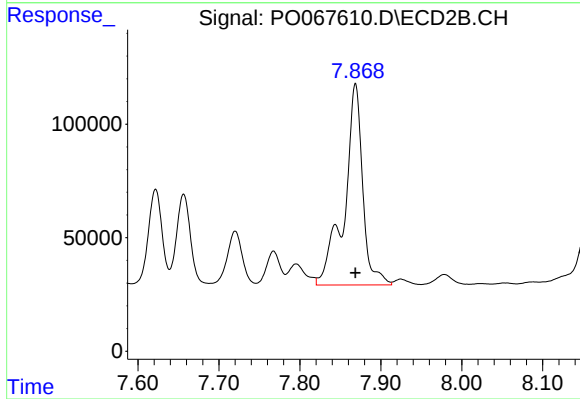
R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 503380
Conc: 239.51 ng/ml



#35 AR-1260-5

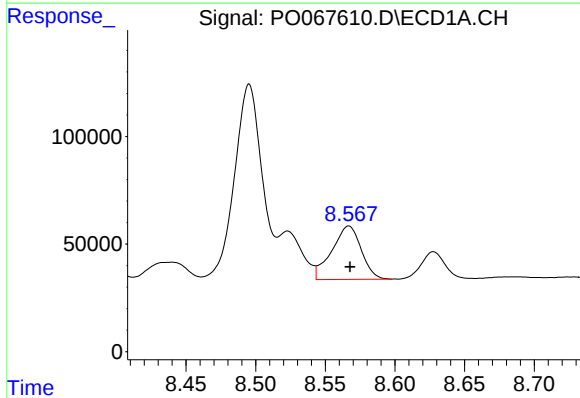
R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 705203
Conc: 223.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



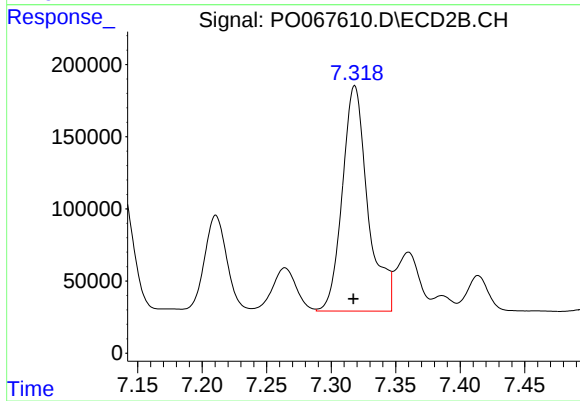
#35 AR-1260-5

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 1402047
Conc: 276.95 ng/ml



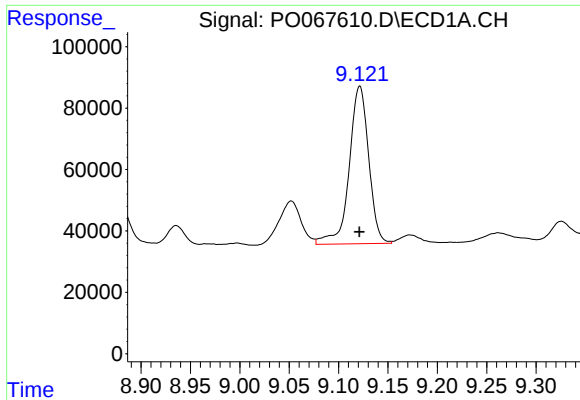
#36 AR-1262-1

R.T.: 8.567 min
Delta R.T.: -0.001 min
Response: 364798
Conc: 217.60 ng/ml



#36 AR-1262-1

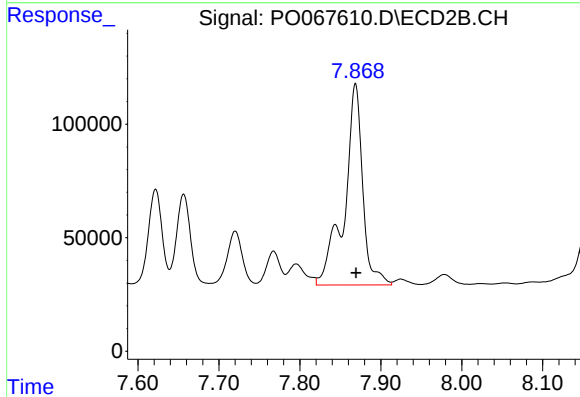
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2154692
Conc: 1554.92 ng/ml



#37 AR-1262-2

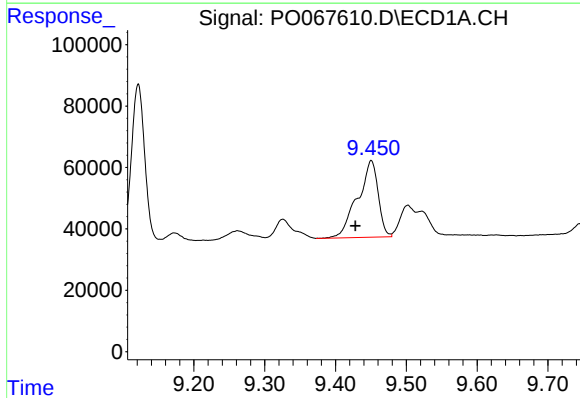
R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 705203
Conc: 245.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



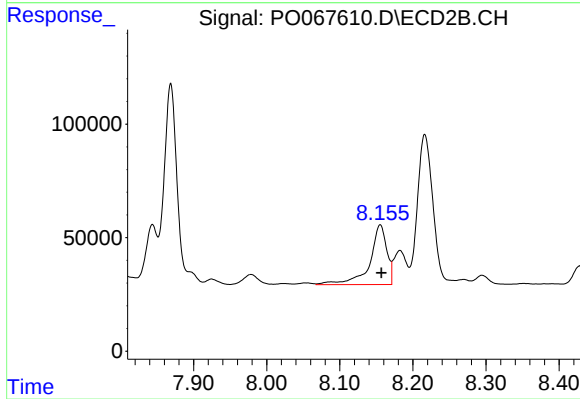
#37 AR-1262-2

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 1402047
Conc: 306.65 ng/ml



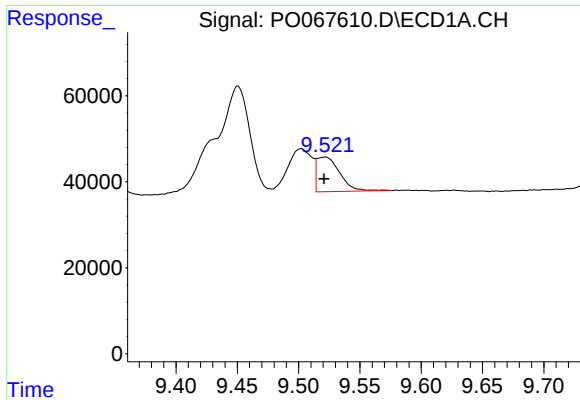
#38 AR-1262-3

R.T.: 9.450 min
Delta R.T.: 0.023 min
Response: 503354
Conc: 241.90 ng/ml



#38 AR-1262-3

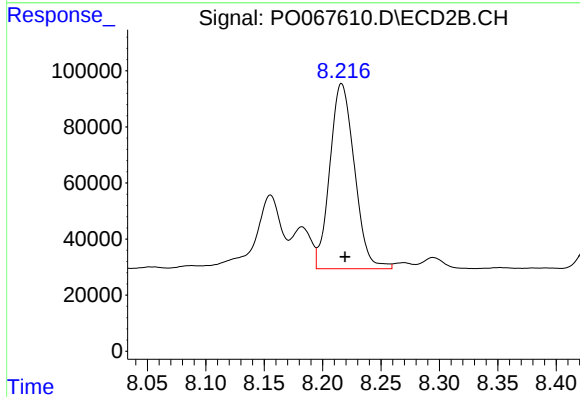
R.T.: 8.155 min
Delta R.T.: -0.001 min
Response: 424704
Conc: 216.08 ng/ml



#39 AR-1262-4

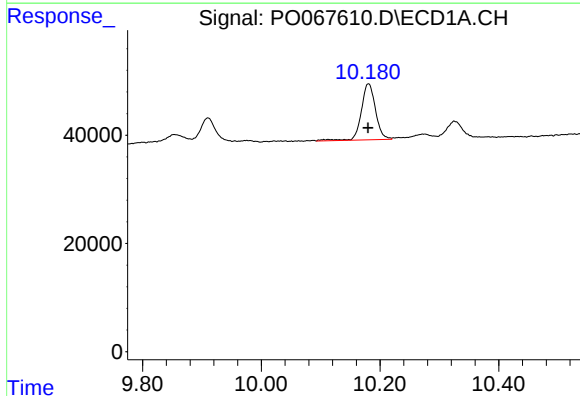
R.T.: 9.521 min
Delta R.T.: 0.000 min
Response: 104093
Conc: 65.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



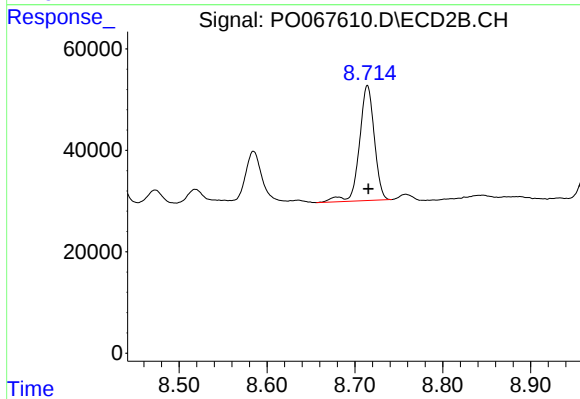
#39 AR-1262-4

R.T.: 8.216 min
Delta R.T.: -0.003 min
Response: 969759
Conc: 282.90 ng/ml



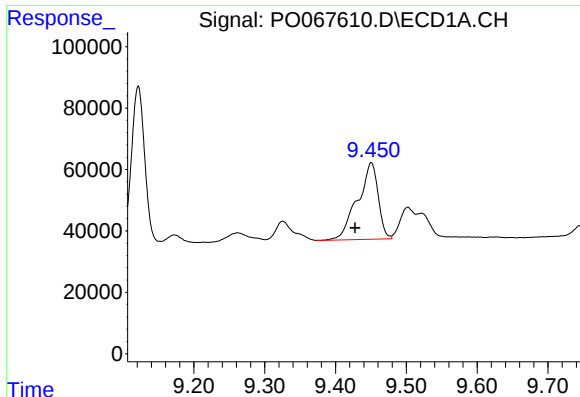
#40 AR-1262-5

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 171961
Conc: 145.84 ng/ml



#40 AR-1262-5

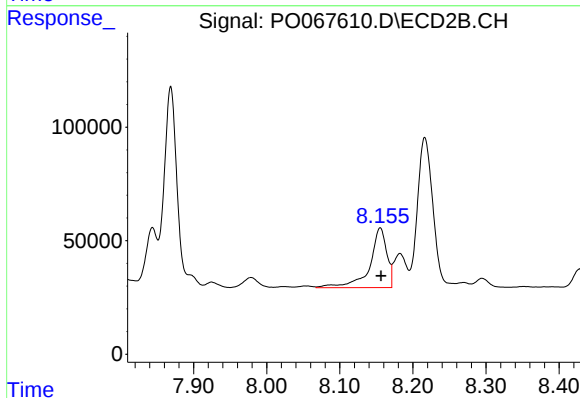
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 267313
Conc: 157.26 ng/ml



#41 AR-1268-1

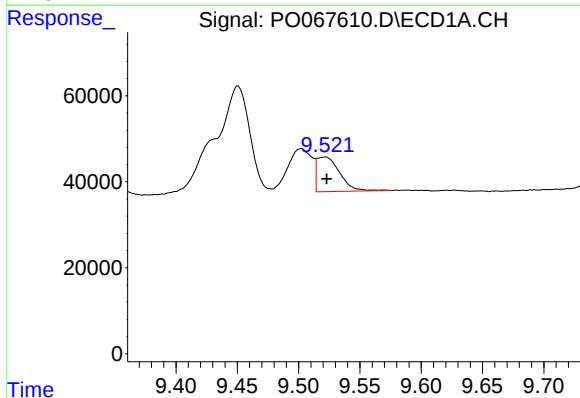
R.T.: 9.450 min
Delta R.T.: 0.023 min
Response: 503354
Conc: 136.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



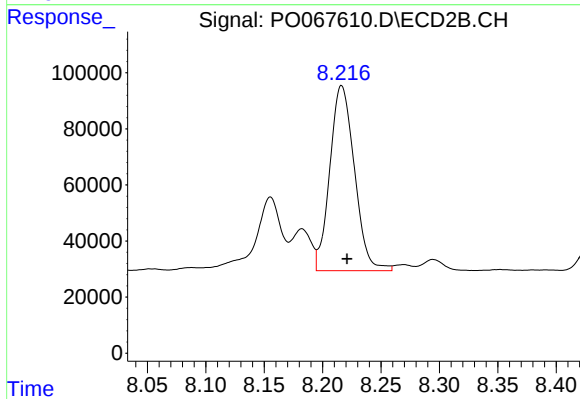
#41 AR-1268-1

R.T.: 8.155 min
Delta R.T.: -0.001 min
Response: 424704
Conc: 78.93 ng/ml



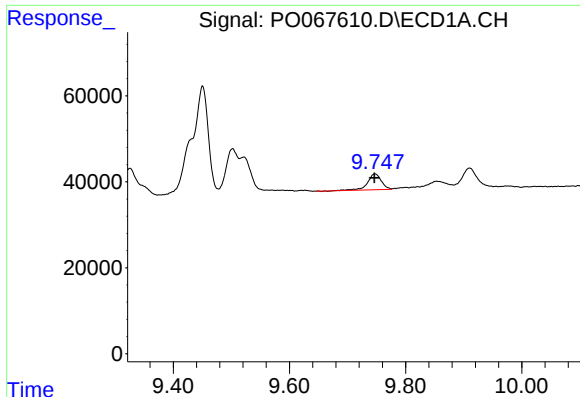
#42 AR-1268-2

R.T.: 9.521 min
Delta R.T.: -0.002 min
Response: 104093
Conc: 30.03 ng/ml



#42 AR-1268-2

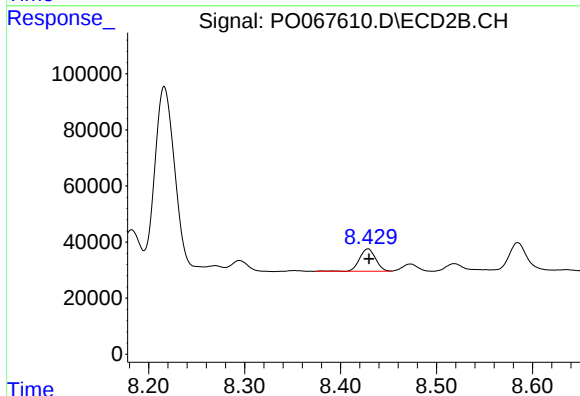
R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 969759
Conc: 196.41 ng/ml



#43 AR-1268-3

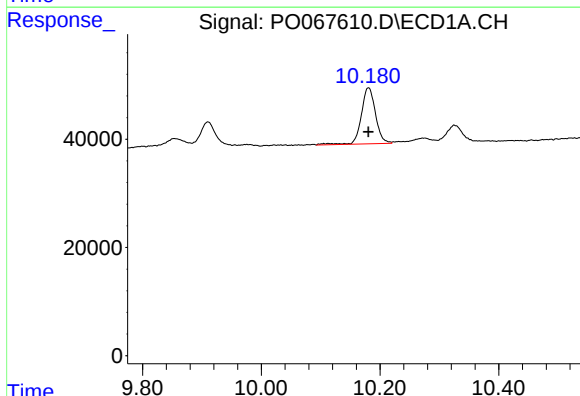
R.T.: 9.748 min
Delta R.T.: 0.001 min
Response: 61126
Conc: 21.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



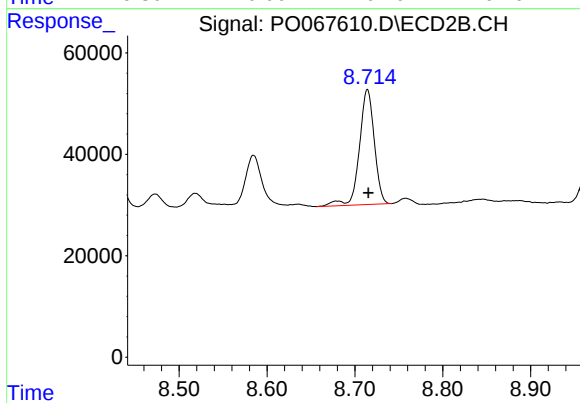
#43 AR-1268-3

R.T.: 8.428 min
Delta R.T.: -0.001 min
Response: 92804
Conc: 22.14 ng/ml



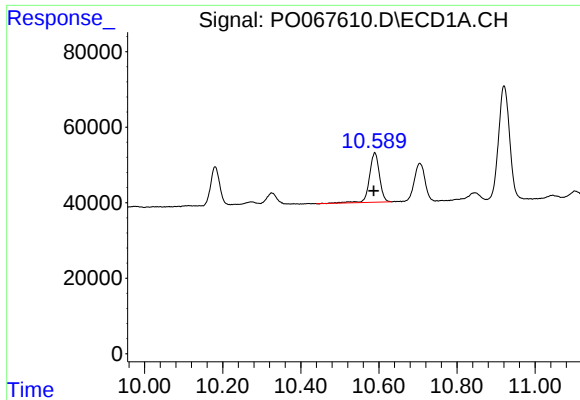
#44 AR-1268-4

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 171961
Conc: 123.87 ng/ml



#44 AR-1268-4

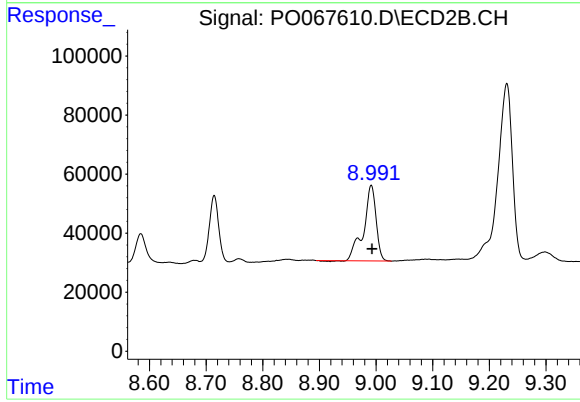
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 267313
Conc: 138.16 ng/ml



#45 AR-1268-5

R.T.: 10.589 min
Delta R.T.: 0.002 min
Response: 233578
Conc: 23.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.992 min
Delta R.T.: -0.001 min
Response: 392860
Conc: 30.46 ng/ml