

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030620\
 Data File : P0067002.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Mar 2020 23:55
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 03:16:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 04 13:48:03 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...	4.118	3.401	2945623	2574096	55.256	55.521
2)	SA Decachlor...	9.585	8.281	2783224	2560591	50.551	49.527
Target Compounds							
3)	L1 AR-1016-1	5.265	4.453	1124617	841237	586.261	606.120
4)	L1 AR-1016-2	5.286	4.470	1713707	1578594	565.237	555.041
5)	L1 AR-1016-3	5.346	4.642	1004221	738473	584.375	592.143
6)	L1 AR-1016-4	5.443	4.684	845331	606113	570.064	584.366
7)	L1 AR-1016-5	5.732	4.893	776868	769546	558.507	579.750
8)	L2 AR-1221-1	4.321	3.606	103520	82542	184.757	192.203
9)	L2 AR-1221-2	4.411	3.691	127997	117970	295.253	377.192 #
10)	L2 AR-1221-3	4.485	3.763	524123	469544	437.298	461.797
11)	L3 AR-1232-1	4.485	3.763	524123	469544	562.175	583.837
12)	L3 AR-1232-2	5.000	4.470	761687	1578594	1522.096	1617.661
13)	L3 AR-1232-3	5.286	4.642	1713707	738473	1643.075	1748.354
14)	L3 AR-1232-4	5.443	4.724	845331	724407	1766.094	1912.368
15)	L3 AR-1232-5	5.532	4.893	648411	769546	1882.671	1765.005
16)	L4 AR-1242-1	5.265	4.453	1124617	841237	963.816	995.379
17)	L4 AR-1242-2	5.286	4.470	1713707	1578594	912.519	911.045
18)	L4 AR-1242-3	5.346	4.642	1004221	738473	930.823	927.894
19)	L4 AR-1242-4	5.443	4.724	845331	724407	931.231	940.667
20)	L4 AR-1242-5	6.169	5.237	137034	580052	131.220	579.115 #
21)	L5 AR-1248-1	5.265	4.453	1124617	841237	1207.185	1214.189
22)	L5 AR-1248-2	5.532	4.684	648411	606113	512.720	549.075
23)	L5 AR-1248-3	5.732	4.724	776868	724407	515.400	642.067
24)	L5 AR-1248-4	6.131	4.893	156106	769546	85.796	547.365 #
25)	L5 AR-1248-5	6.169	5.278	137034	110580	77.866	80.203
26)	L6 AR-1254-1	6.104	5.237	552591	580052	298.845	257.150
27)	L6 AR-1254-2	6.319	5.384	621631	535805	205.523	271.709 #
28)	L6 AR-1254-3	6.683	5.793	340901	1020715	109.451	318.365 #
29)	L6 AR-1254-4	6.965	6.007	266349	143265	104.626	80.947
30)	L6 AR-1254-5	7.379	6.419	2275593	1881750	845.175	626.443 #
31)	L7 AR-1260-1	6.843	5.907	1435125	1415936	512.229	539.699
32)	L7 AR-1260-2	7.098	6.096	2138833	1804128	518.423	553.372
33)	L7 AR-1260-3	7.453	6.244	1818587	1628544	509.089	540.289
34)	L7 AR-1260-4	7.677	6.710	1641919	1353511	510.100	514.753
35)	L7 AR-1260-5	7.982	6.954	3848672	3290390	549.479	535.205
36)	L8 AR-1262-1	7.453	6.419	1818587	1881750	422.223	1288.216 #
37)	L8 AR-1262-2	7.982	6.954	3848672	3290390	574.751	597.517
38)	L8 AR-1262-3	8.277	7.231	2223992	773212	519.650	333.998 #
39)	L8 AR-1262-4	8.327	7.295	1447020	2454889	431.148	556.240 #
40)	L8 AR-1262-5	8.931	7.789	998129	896241	477.970	471.381
41)	L9 AR-1268-1	8.277	7.231	2223992	773212	255.229	109.993 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

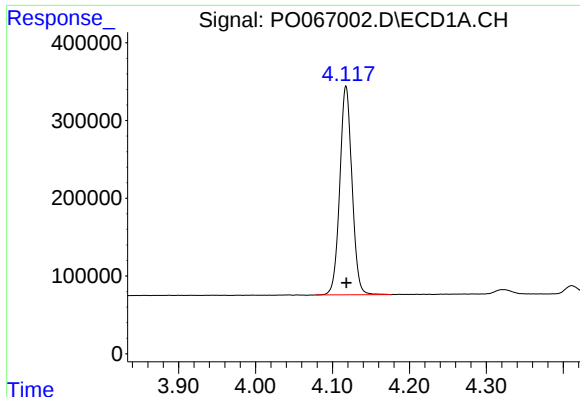
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 03:16:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
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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	8.327	7.295	1447020	2454889	193.632	368.970 #
43) L9	AR-1268-3	8.547	7.495	73054	54772	11.360	9.895
44) L9	AR-1268-4	8.931	7.789	998129	896241	411.682	389.708
45) L9	AR-1268-5	9.294	8.056	252802	271985	13.315	15.583

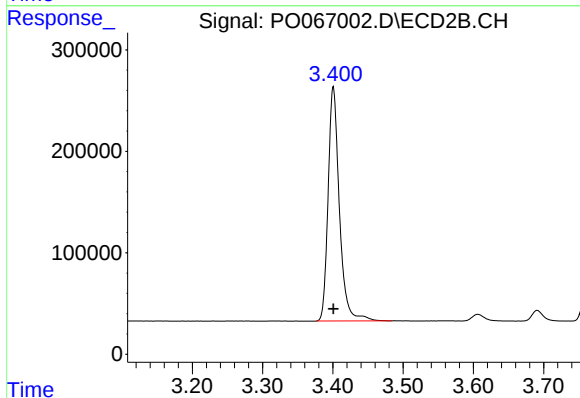
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

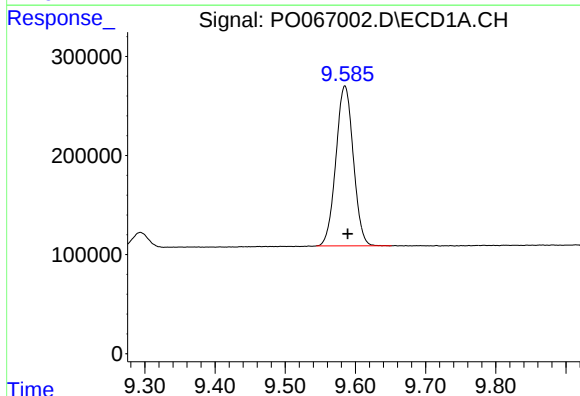
R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 2945623
Conc: 55.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



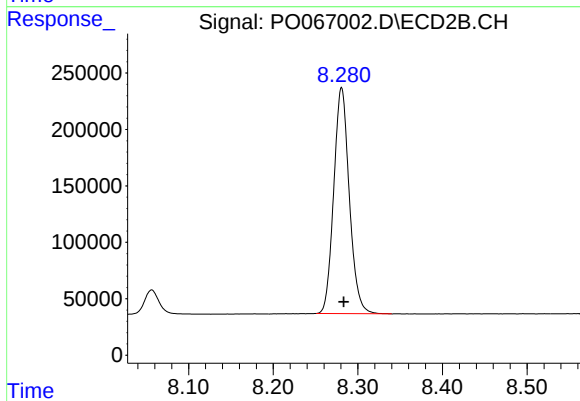
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2574096
Conc: 55.52 ng/ml



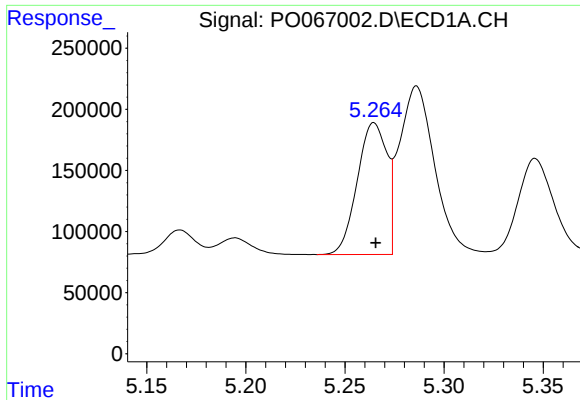
#2 Decachlorobiphenyl

R.T.: 9.585 min
Delta R.T.: -0.004 min
Response: 2783224
Conc: 50.55 ng/ml



#2 Decachlorobiphenyl

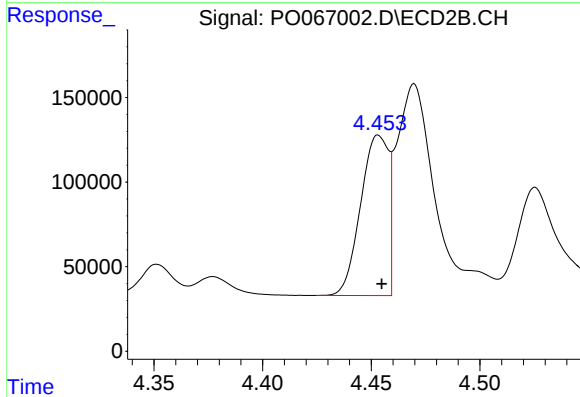
R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 2560591
Conc: 49.53 ng/ml



#3 AR-1016-1

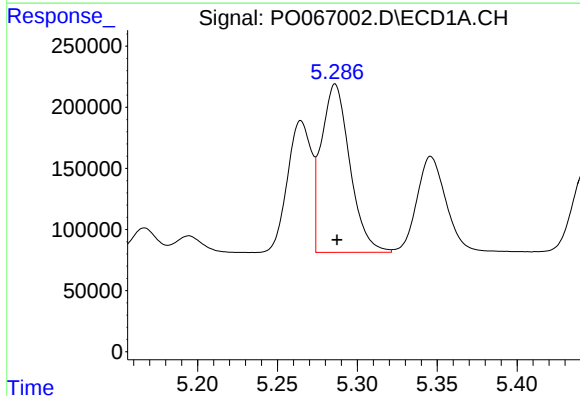
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 1124617
Conc: 586.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



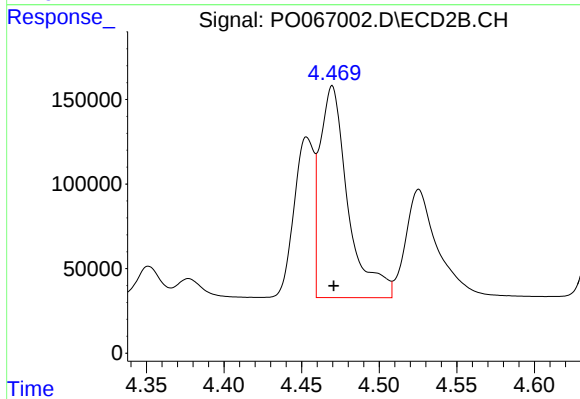
#3 AR-1016-1

R.T.: 4.453 min
Delta R.T.: -0.001 min
Response: 841237
Conc: 606.12 ng/ml



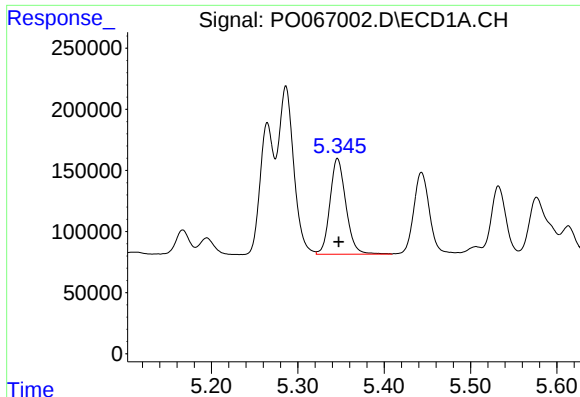
#4 AR-1016-2

R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 1713707
Conc: 565.24 ng/ml



#4 AR-1016-2

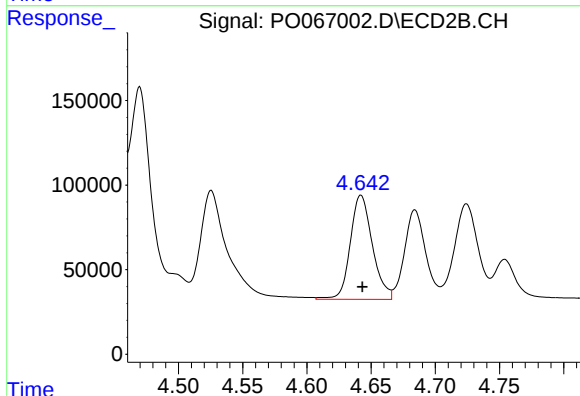
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 1578594
Conc: 555.04 ng/ml



#5 AR-1016-3

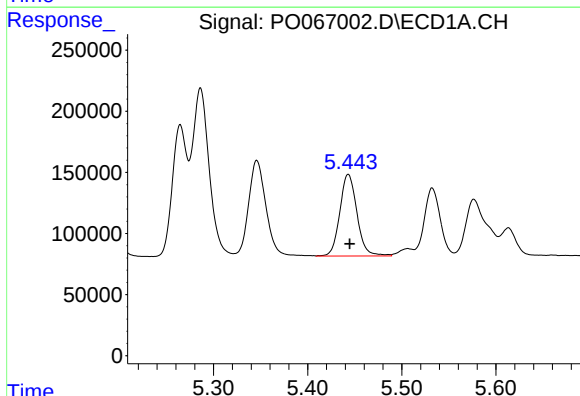
R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 1004221
Conc: 584.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



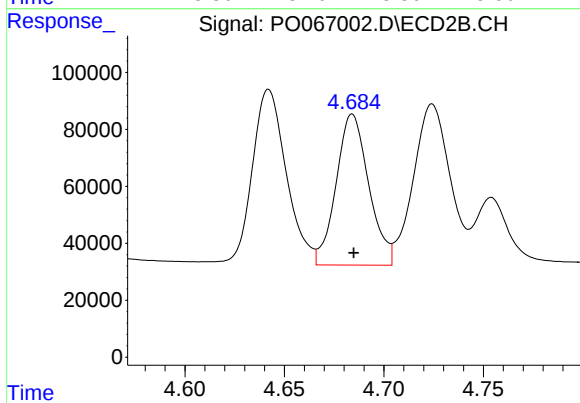
#5 AR-1016-3

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 738473
Conc: 592.14 ng/ml



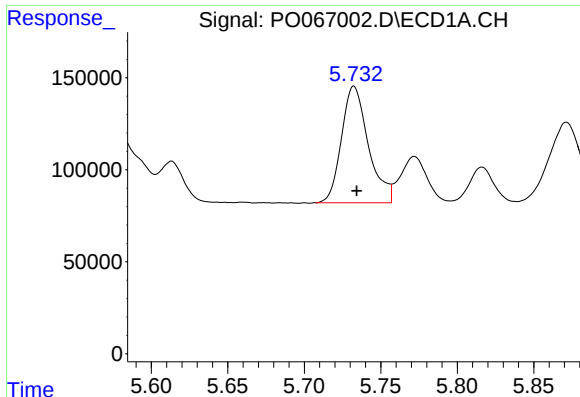
#6 AR-1016-4

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 845331
Conc: 570.06 ng/ml



#6 AR-1016-4

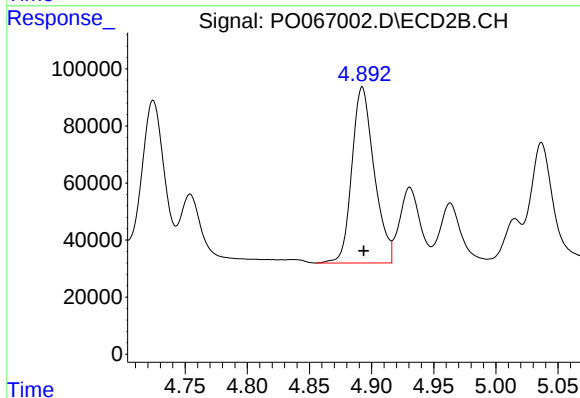
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 606113
Conc: 584.37 ng/ml



#7 AR-1016-5

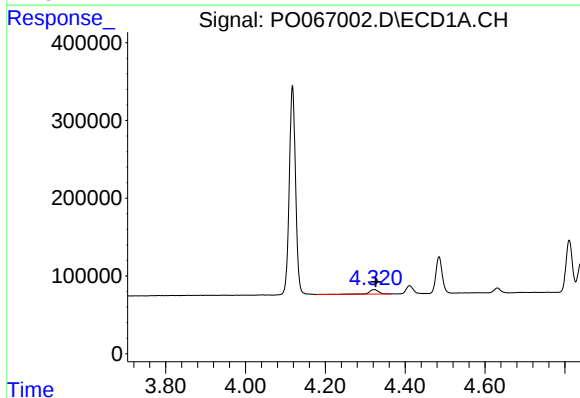
R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 776868
Conc: 558.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



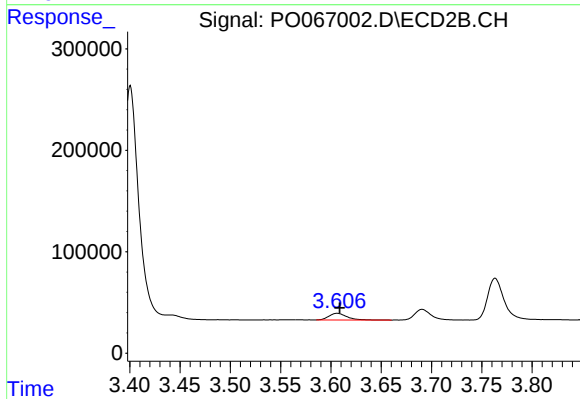
#7 AR-1016-5

R.T.: 4.893 min
Delta R.T.: -0.001 min
Response: 769546
Conc: 579.75 ng/ml



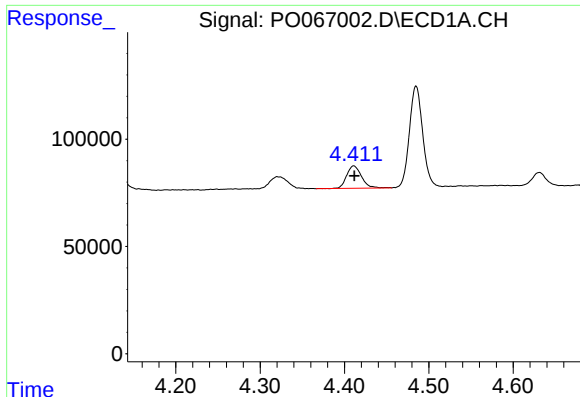
#8 AR-1221-1

R.T.: 4.321 min
Delta R.T.: -0.006 min
Response: 103520
Conc: 184.76 ng/ml



#8 AR-1221-1

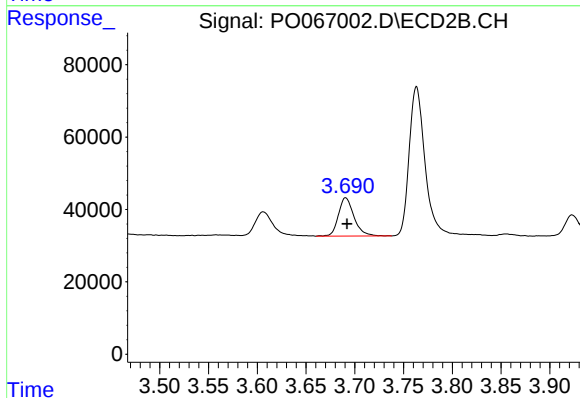
R.T.: 3.606 min
Delta R.T.: -0.002 min
Response: 82542
Conc: 192.20 ng/ml



#9 AR-1221-2

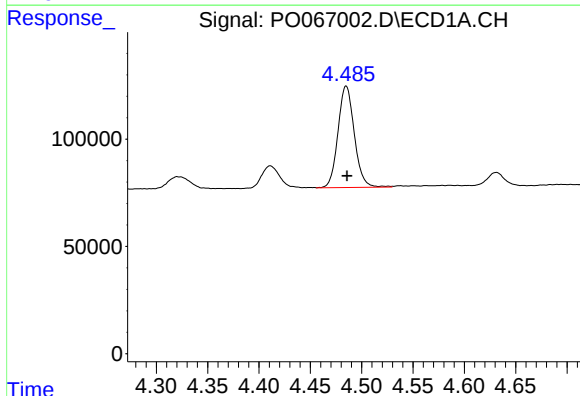
R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 127997
Conc: 295.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



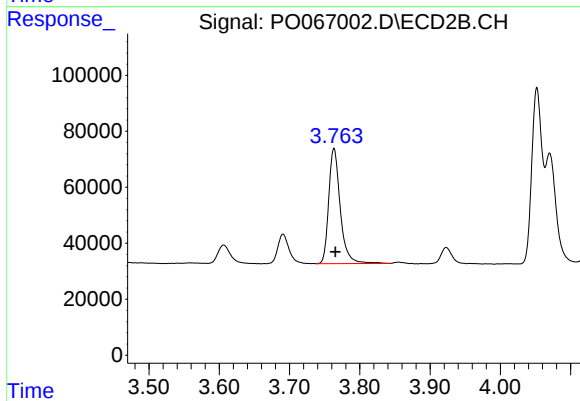
#9 AR-1221-2

R.T.: 3.691 min
Delta R.T.: -0.001 min
Response: 117970
Conc: 377.19 ng/ml



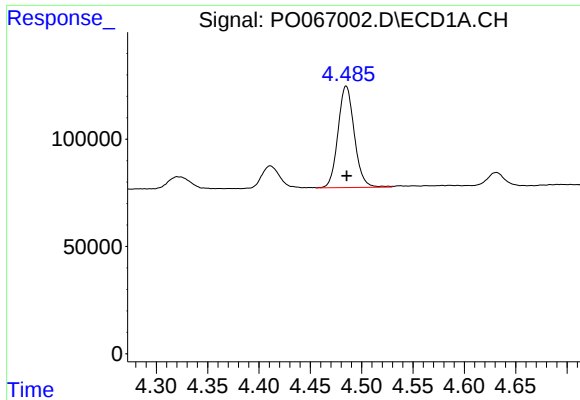
#10 AR-1221-3

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 524123
Conc: 437.30 ng/ml



#10 AR-1221-3

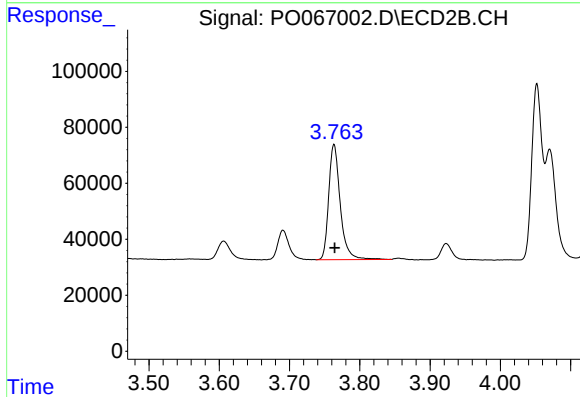
R.T.: 3.763 min
Delta R.T.: -0.002 min
Response: 469544
Conc: 461.80 ng/ml



#11 AR-1232-1

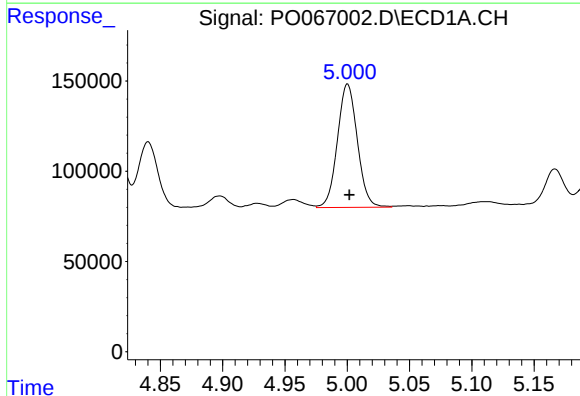
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 524123
Conc: 562.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



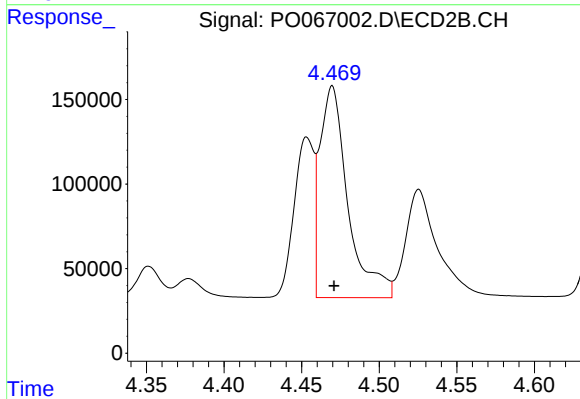
#11 AR-1232-1

R.T.: 3.763 min
Delta R.T.: -0.001 min
Response: 469544
Conc: 583.84 ng/ml



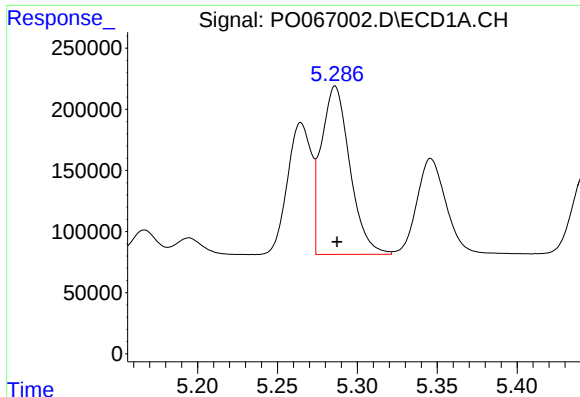
#12 AR-1232-2

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 761687
Conc: 1522.10 ng/ml



#12 AR-1232-2

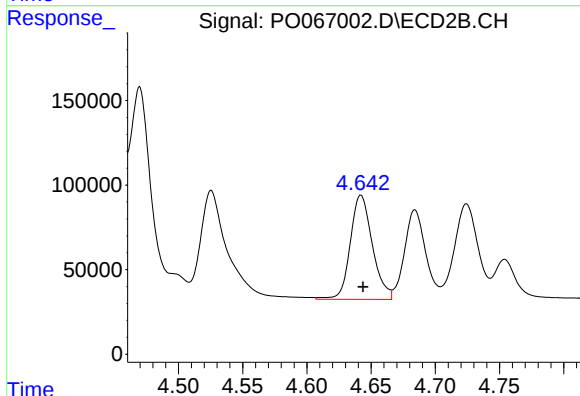
R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 1578594
Conc: 1617.66 ng/ml



#13 AR-1232-3

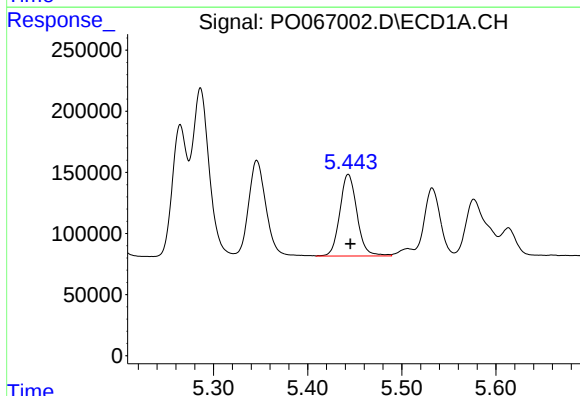
R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 1713707
Conc: 1643.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



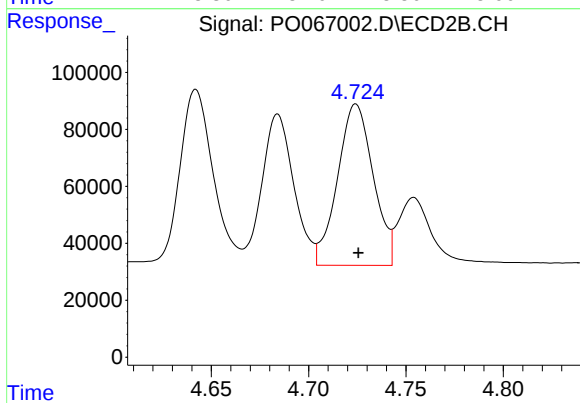
#13 AR-1232-3

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 738473
Conc: 1748.35 ng/ml



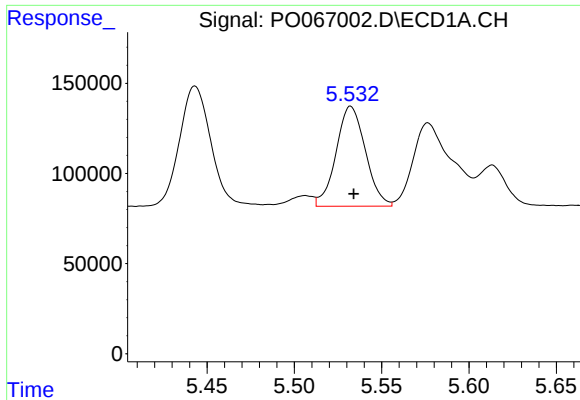
#14 AR-1232-4

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 845331
Conc: 1766.09 ng/ml



#14 AR-1232-4

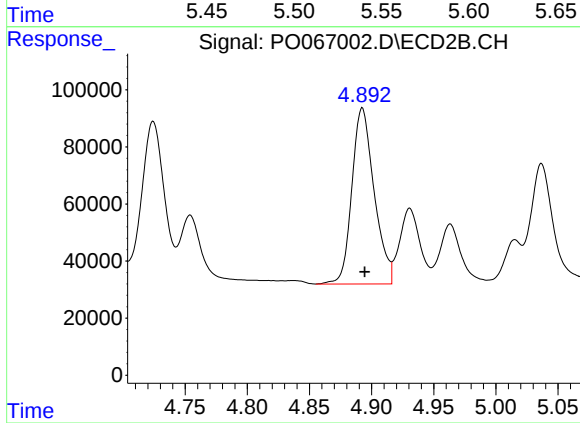
R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 724407
Conc: 1912.37 ng/ml



#15 AR-1232-5

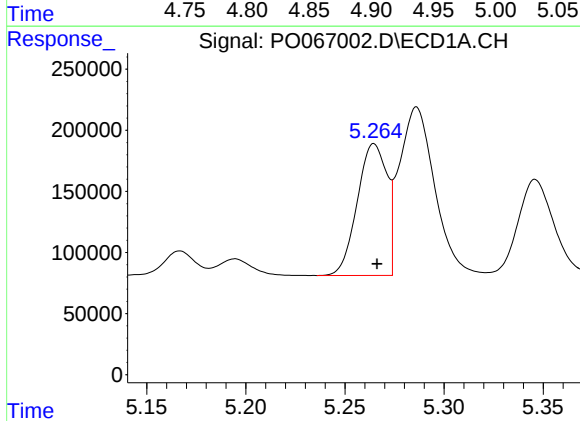
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 648411
Conc: 1882.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



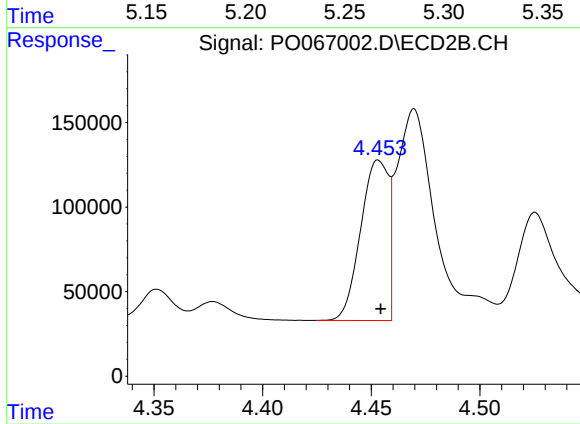
#15 AR-1232-5

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 769546
Conc: 1765.00 ng/ml



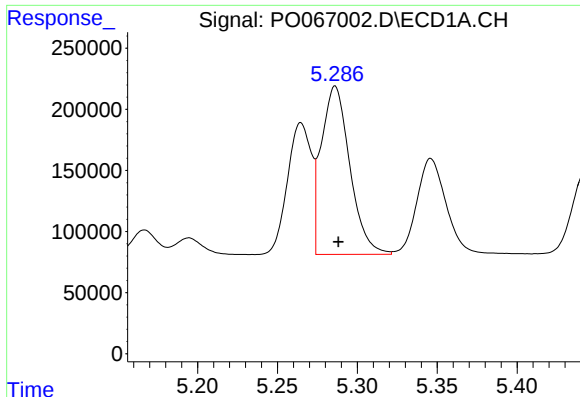
#16 AR-1242-1

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 1124617
Conc: 963.82 ng/ml



#16 AR-1242-1

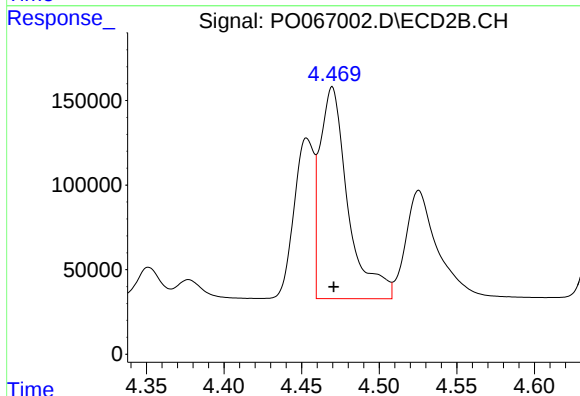
R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 841237
Conc: 995.38 ng/ml



#17 AR-1242-2

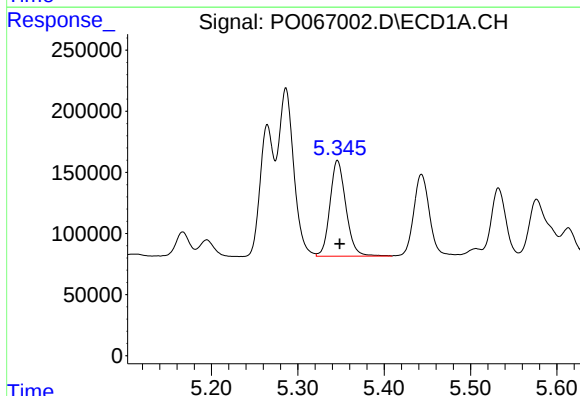
R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 1713707
Conc: 912.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



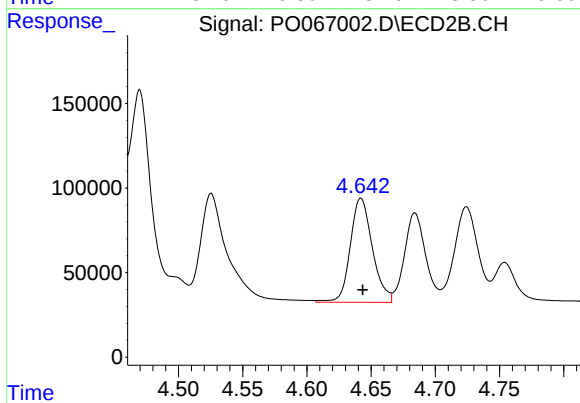
#17 AR-1242-2

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 1578594
Conc: 911.04 ng/ml



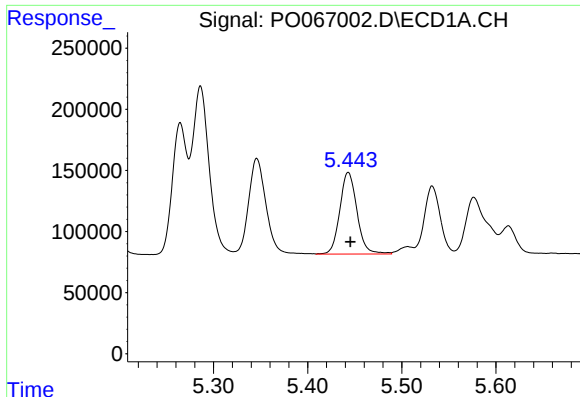
#18 AR-1242-3

R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 1004221
Conc: 930.82 ng/ml



#18 AR-1242-3

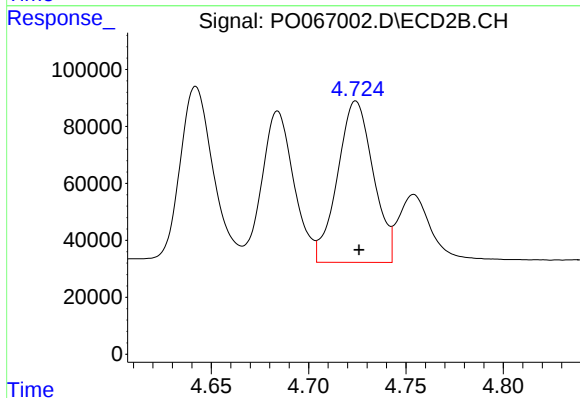
R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 738473
Conc: 927.89 ng/ml



#19 AR-1242-4

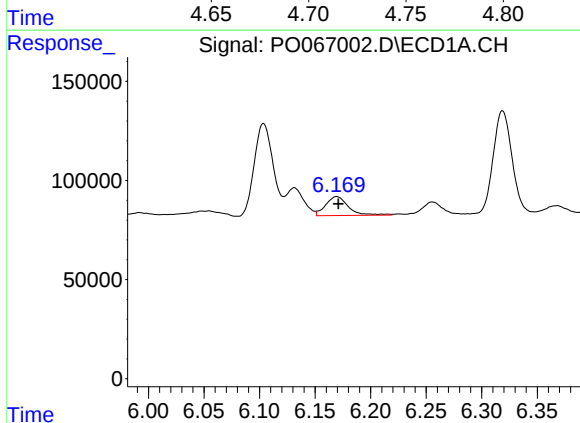
R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 845331
Conc: 931.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



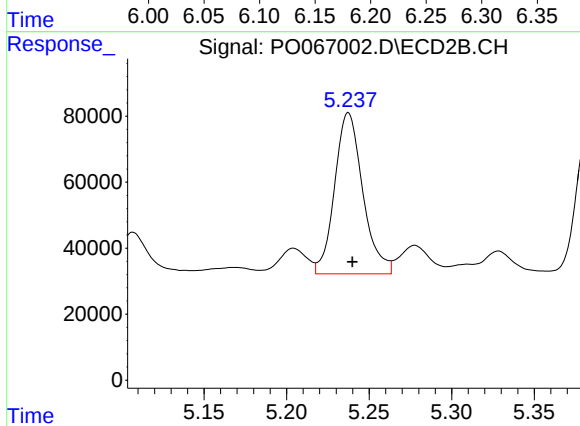
#19 AR-1242-4

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 724407
Conc: 940.67 ng/ml



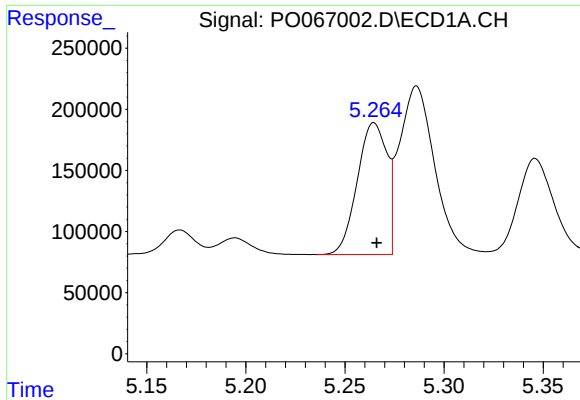
#20 AR-1242-5

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 137034
Conc: 131.22 ng/ml



#20 AR-1242-5

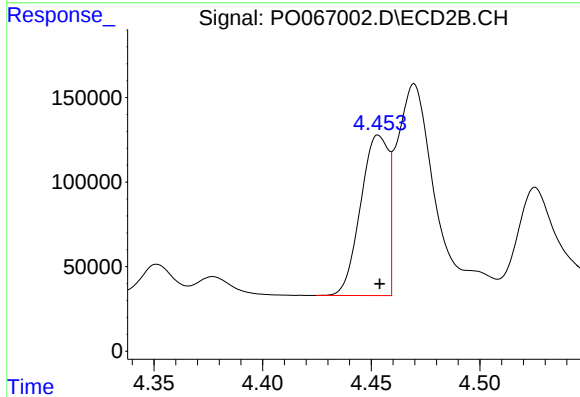
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 580052
Conc: 579.11 ng/ml



#21 AR-1248-1

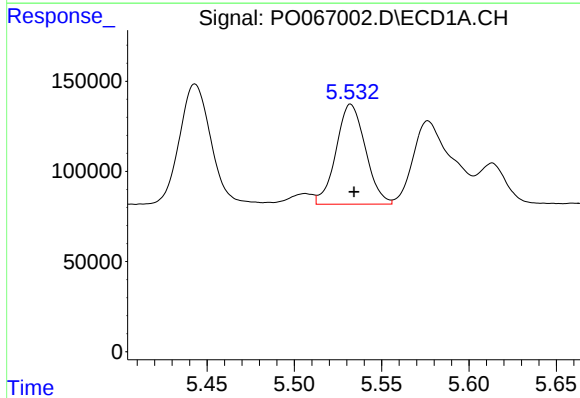
R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 1124617
Conc: 1207.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



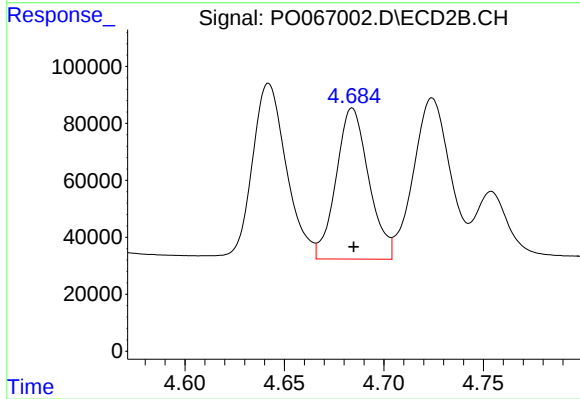
#21 AR-1248-1

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 841237
Conc: 1214.19 ng/ml



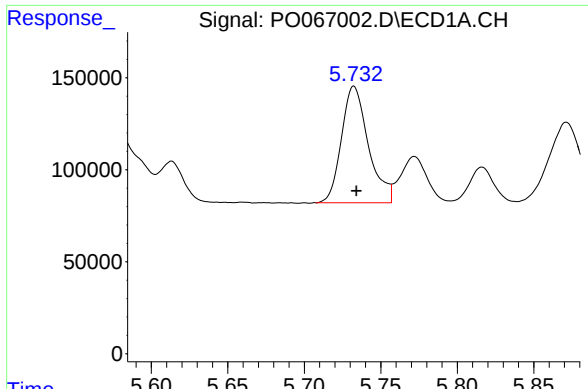
#22 AR-1248-2

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 648411
Conc: 512.72 ng/ml



#22 AR-1248-2

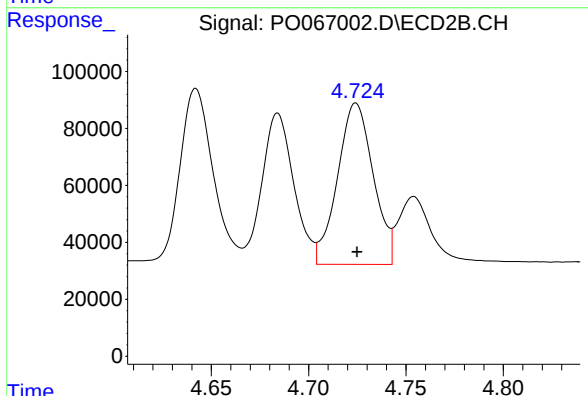
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 606113
Conc: 549.08 ng/ml



#23 AR-1248-3

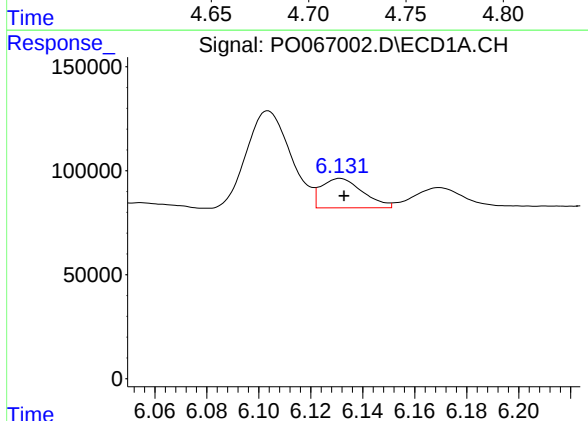
R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 776868
Conc: 515.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



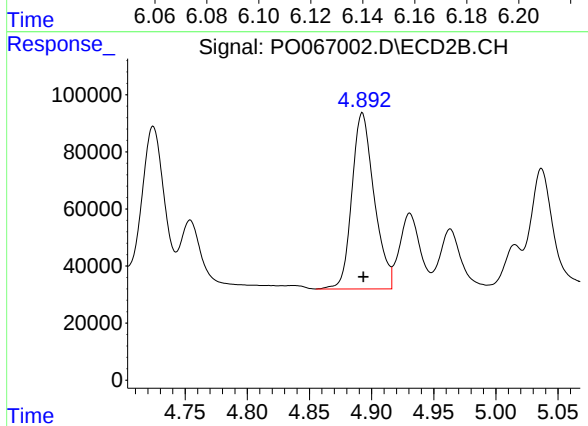
#23 AR-1248-3

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 724407
Conc: 642.07 ng/ml



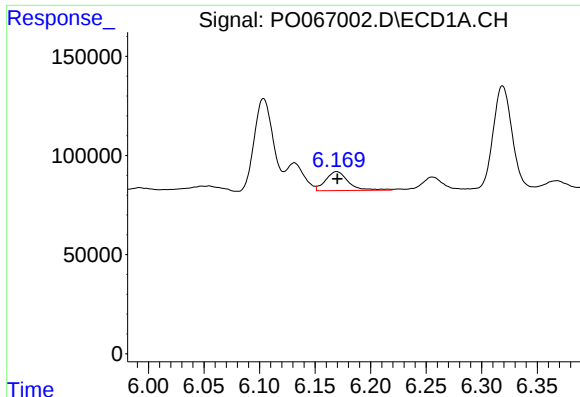
#24 AR-1248-4

R.T.: 6.131 min
Delta R.T.: -0.001 min
Response: 156106
Conc: 85.80 ng/ml



#24 AR-1248-4

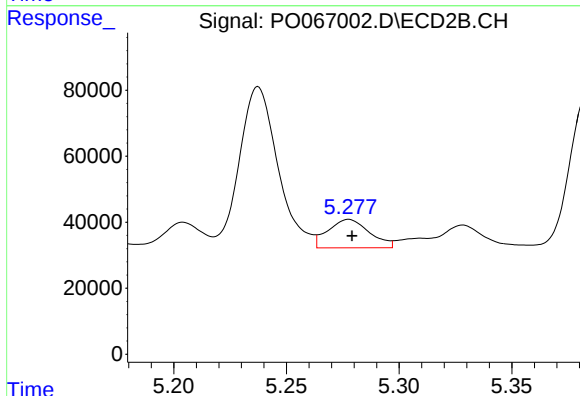
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 769546
Conc: 547.36 ng/ml



#25 AR-1248-5

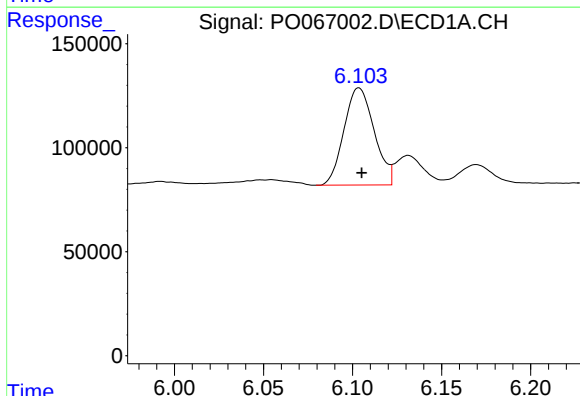
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 137034
Conc: 77.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



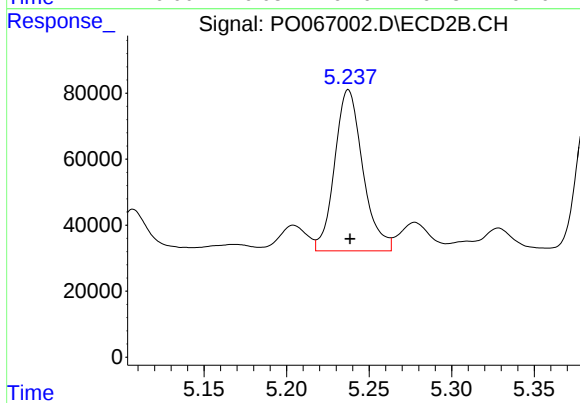
#25 AR-1248-5

R.T.: 5.278 min
Delta R.T.: -0.001 min
Response: 110580
Conc: 80.20 ng/ml



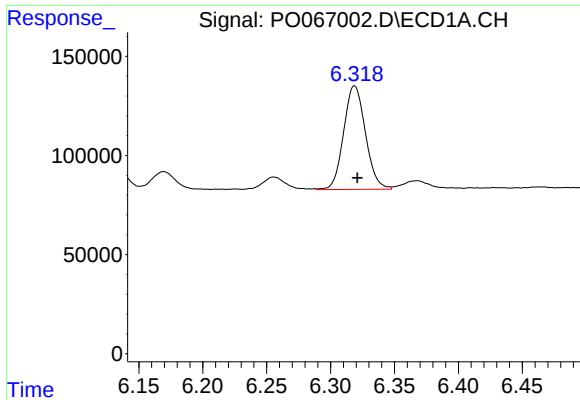
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 552591
Conc: 298.84 ng/ml



#26 AR-1254-1

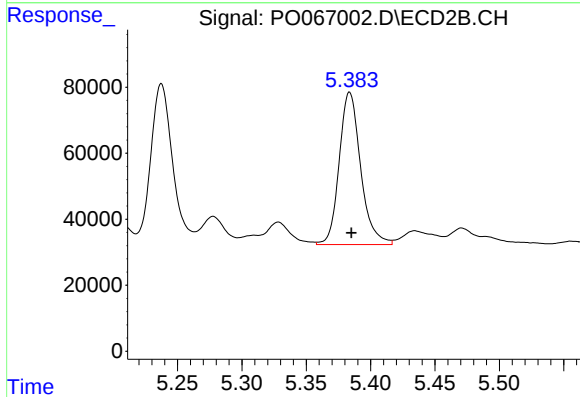
R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 580052
Conc: 257.15 ng/ml



#27 AR-1254-2

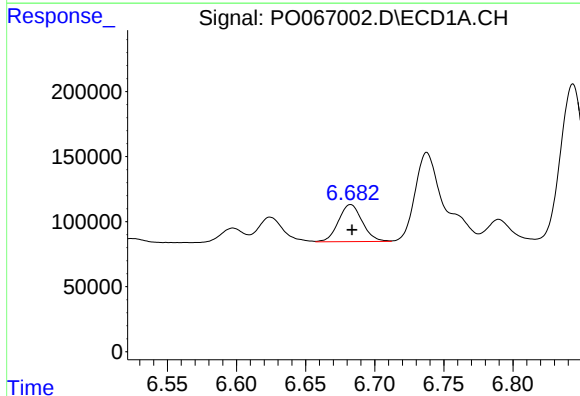
R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 621631
Conc: 205.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



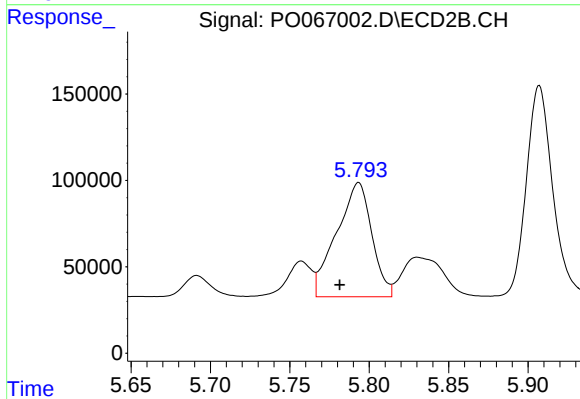
#27 AR-1254-2

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 535805
Conc: 271.71 ng/ml



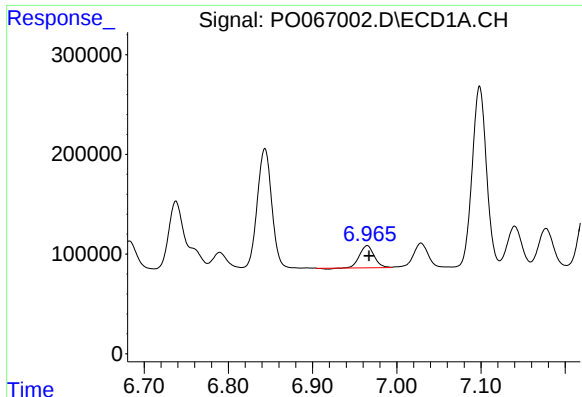
#28 AR-1254-3

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 340901
Conc: 109.45 ng/ml



#28 AR-1254-3

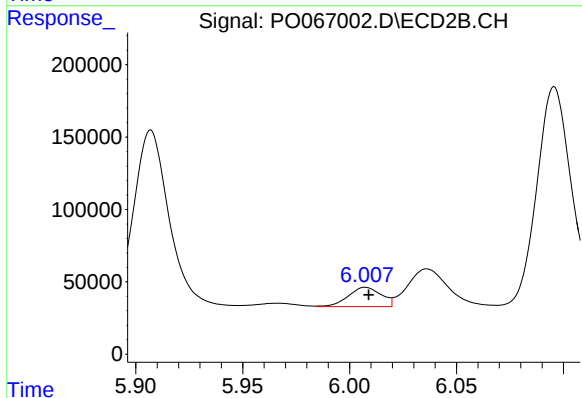
R.T.: 5.793 min
Delta R.T.: 0.012 min
Response: 1020715
Conc: 318.37 ng/ml



#29 AR-1254-4

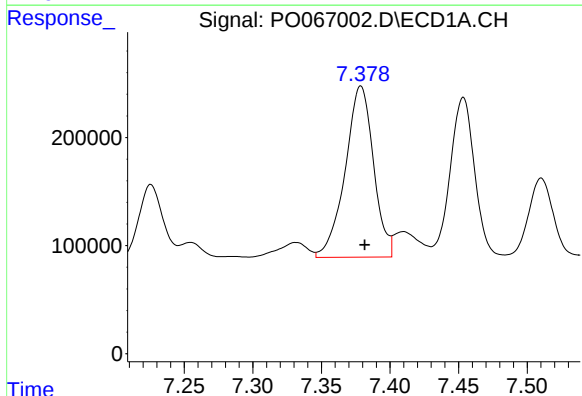
R.T.: 6.965 min
Delta R.T.: -0.002 min
Response: 266349
Conc: 104.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



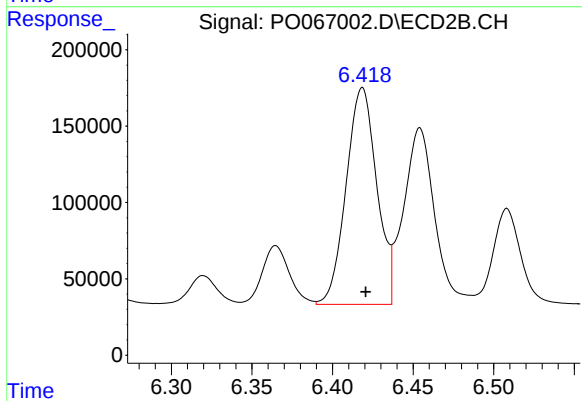
#29 AR-1254-4

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 143265
Conc: 80.95 ng/ml



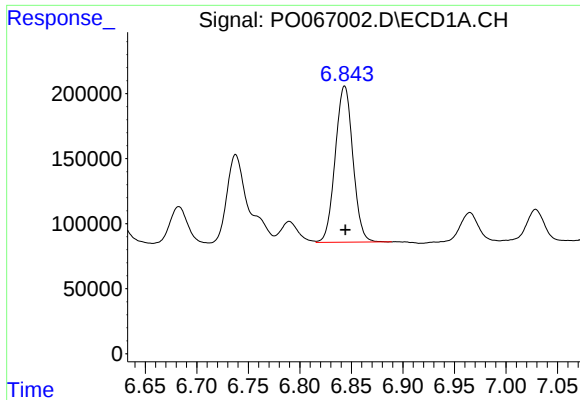
#30 AR-1254-5

R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 2275593
Conc: 845.17 ng/ml



#30 AR-1254-5

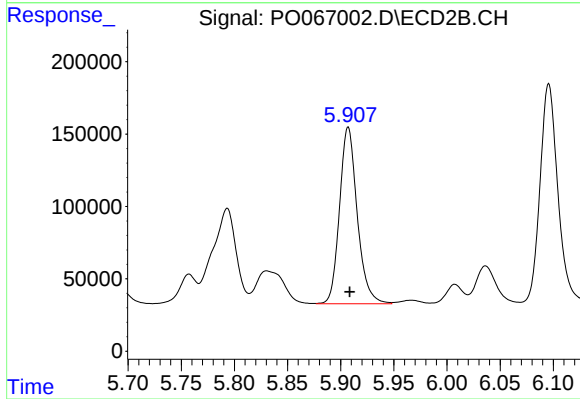
R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 1881750
Conc: 626.44 ng/ml



#31 AR-1260-1

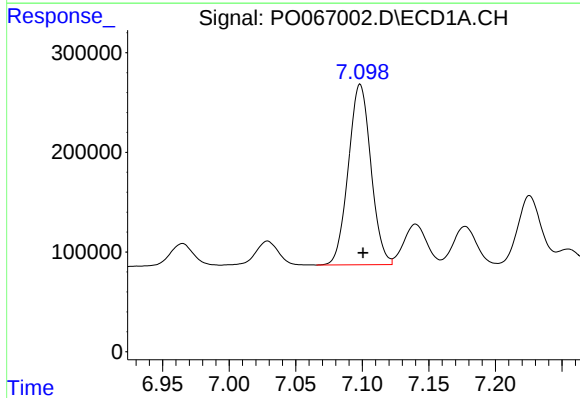
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 1435125
Conc: 512.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



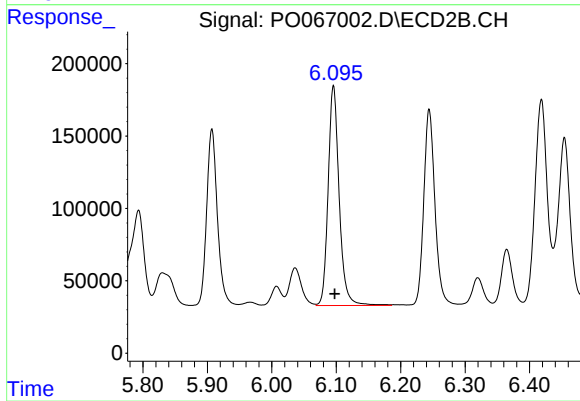
#31 AR-1260-1

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 1415936
Conc: 539.70 ng/ml



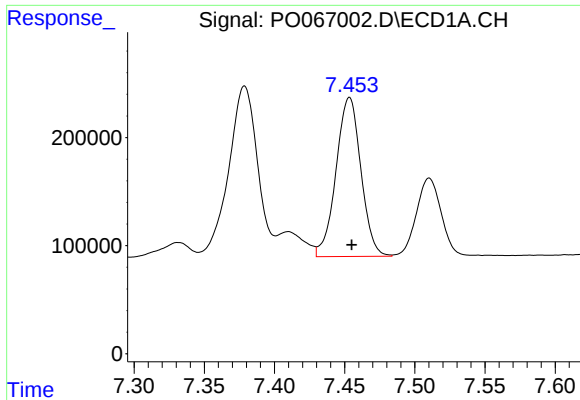
#32 AR-1260-2

R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 2138833
Conc: 518.42 ng/ml



#32 AR-1260-2

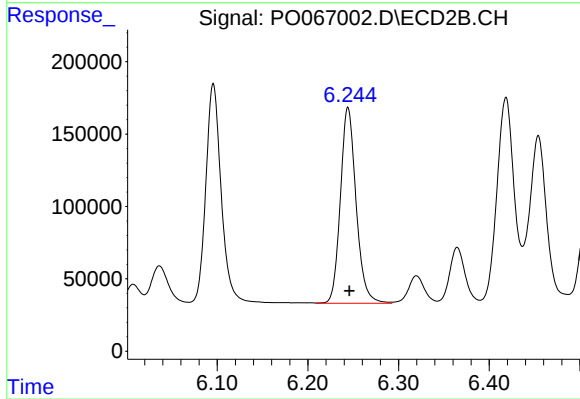
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 1804128
Conc: 553.37 ng/ml



#33 AR-1260-3

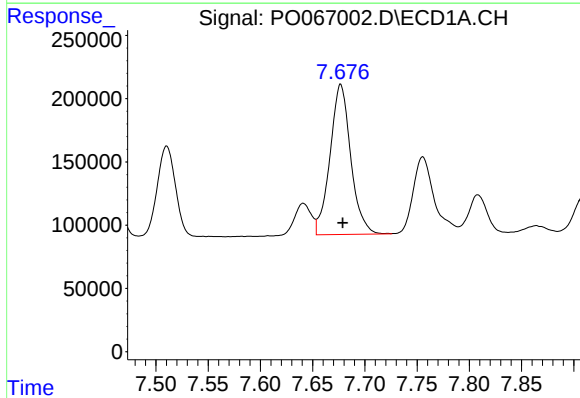
R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 1818587
Conc: 509.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



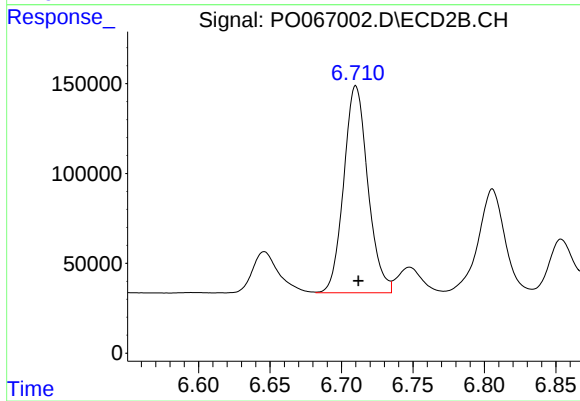
#33 AR-1260-3

R.T.: 6.244 min
Delta R.T.: -0.001 min
Response: 1628544
Conc: 540.29 ng/ml



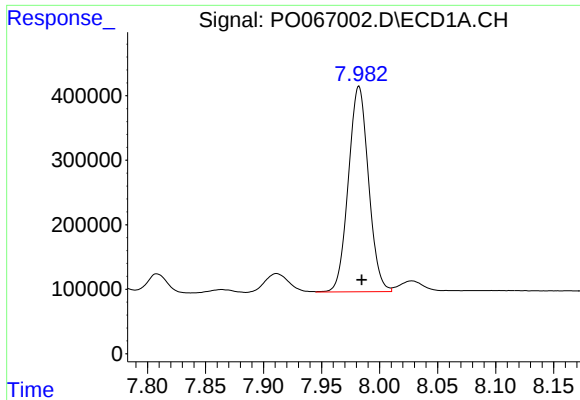
#34 AR-1260-4

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 1641919
Conc: 510.10 ng/ml



#34 AR-1260-4

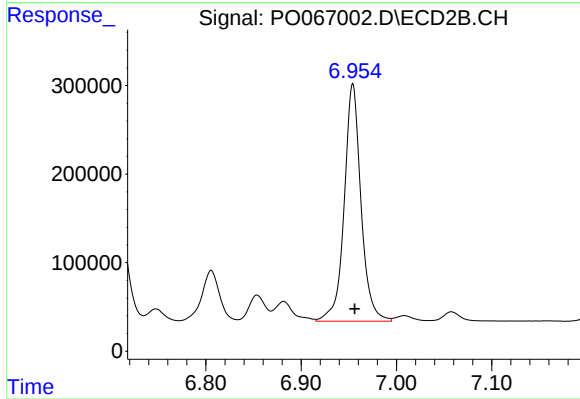
R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 1353511
Conc: 514.75 ng/ml



#35 AR-1260-5

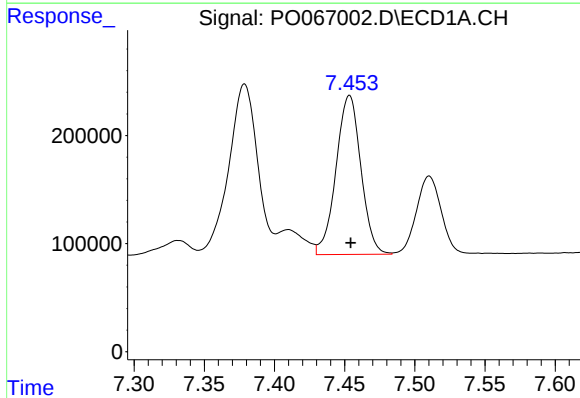
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 3848672
Conc: 549.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



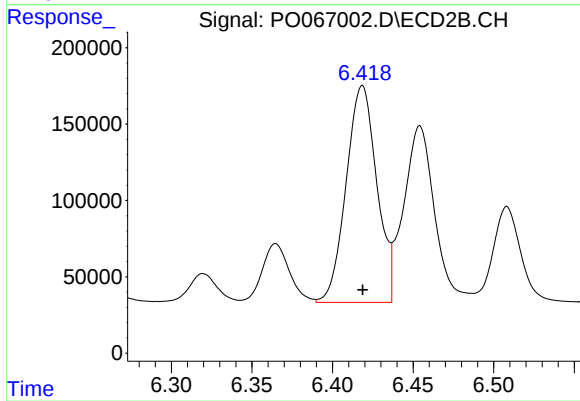
#35 AR-1260-5

R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 3290390
Conc: 535.21 ng/ml



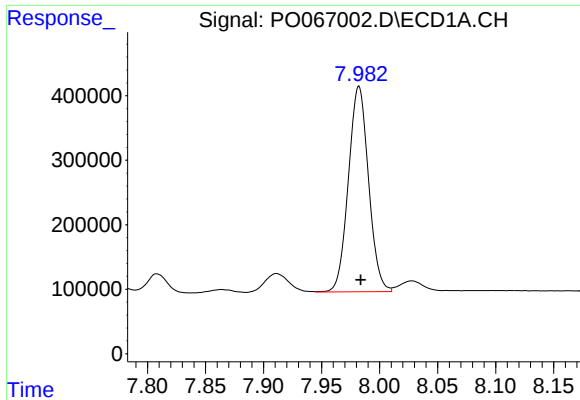
#36 AR-1262-1

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 1818587
Conc: 422.22 ng/ml



#36 AR-1262-1

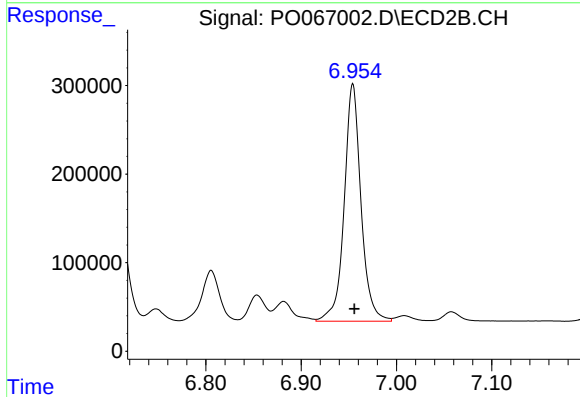
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 1881750
Conc: 1288.22 ng/ml



#37 AR-1262-2

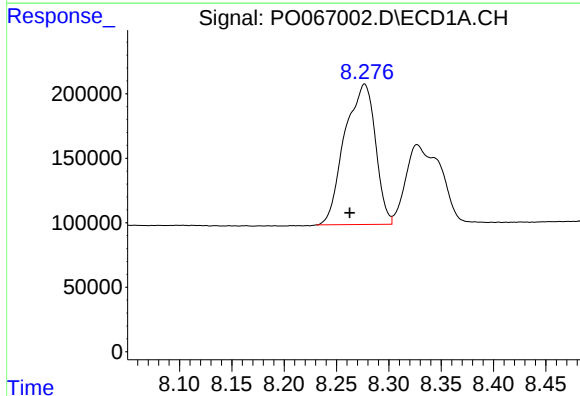
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 3848672
Conc: 574.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



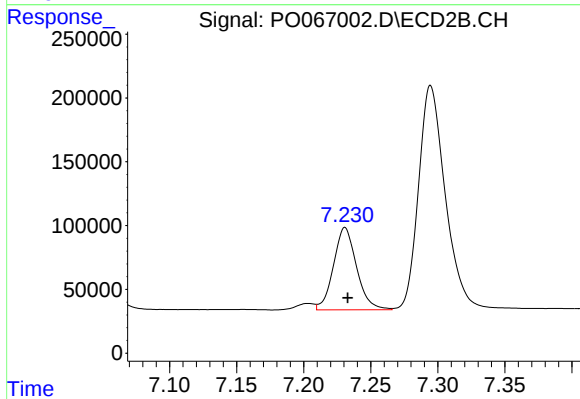
#37 AR-1262-2

R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 3290390
Conc: 597.52 ng/ml



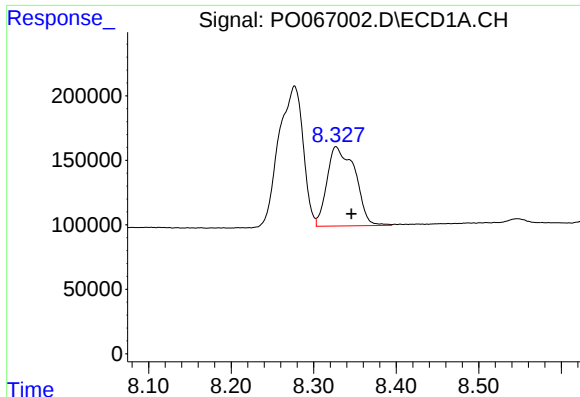
#38 AR-1262-3

R.T.: 8.277 min
Delta R.T.: 0.014 min
Response: 2223992
Conc: 519.65 ng/ml



#38 AR-1262-3

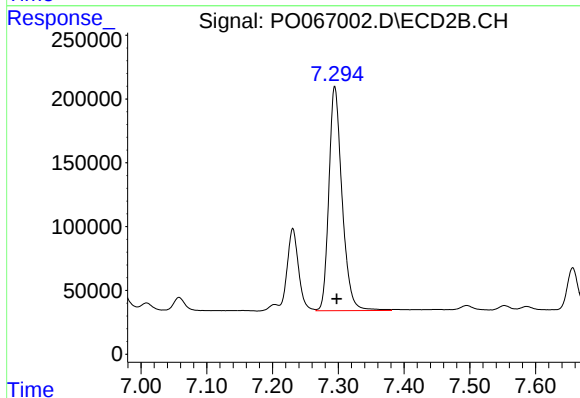
R.T.: 7.231 min
Delta R.T.: -0.002 min
Response: 773212
Conc: 334.00 ng/ml



#39 AR-1262-4

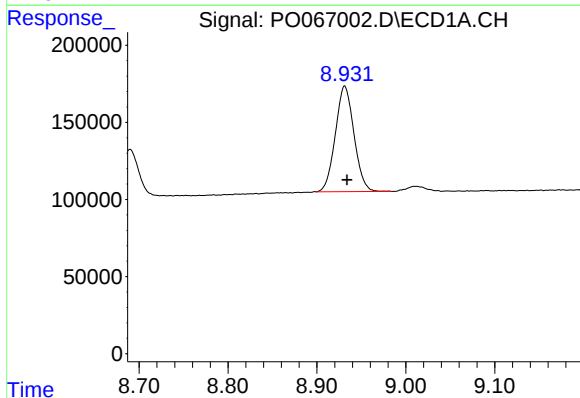
R.T.: 8.327 min
Delta R.T.: -0.019 min
Response: 1447020
Conc: 431.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



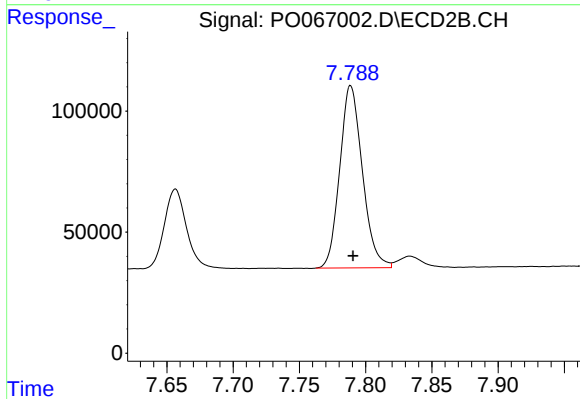
#39 AR-1262-4

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2454889
Conc: 556.24 ng/ml



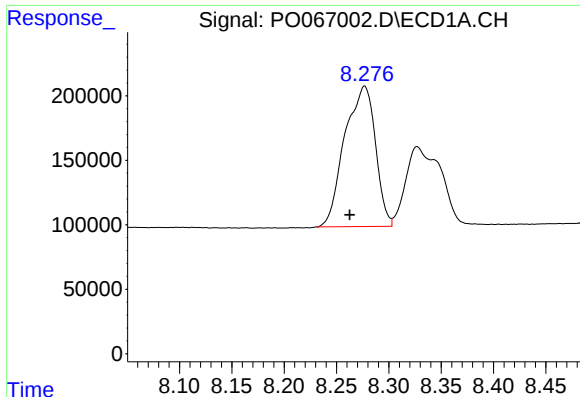
#40 AR-1262-5

R.T.: 8.931 min
Delta R.T.: -0.003 min
Response: 998129
Conc: 477.97 ng/ml



#40 AR-1262-5

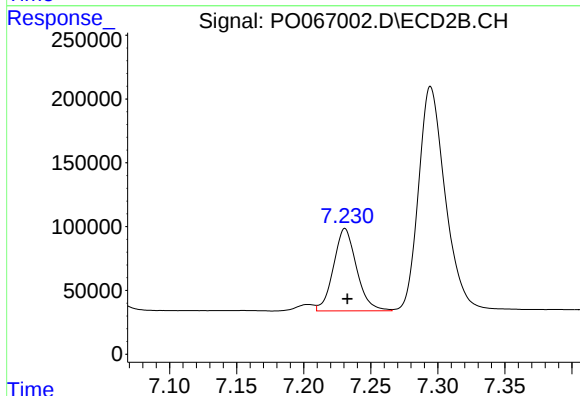
R.T.: 7.789 min
Delta R.T.: -0.002 min
Response: 896241
Conc: 471.38 ng/ml



#41 AR-1268-1

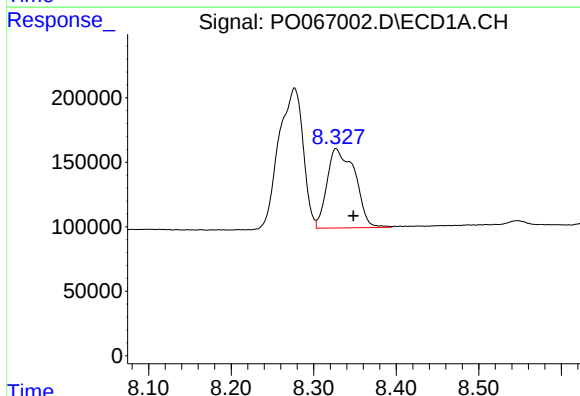
R.T.: 8.277 min
Delta R.T.: 0.014 min
Response: 2223992
Conc: 255.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



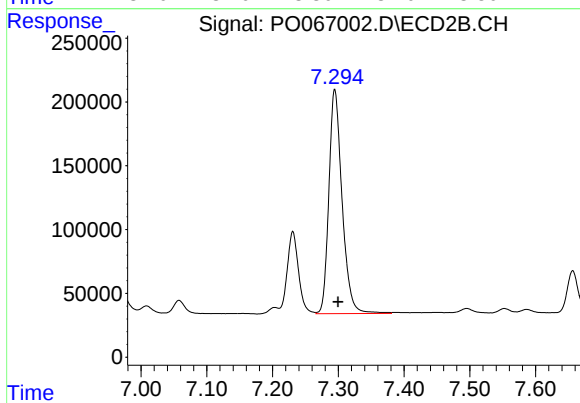
#41 AR-1268-1

R.T.: 7.231 min
Delta R.T.: -0.002 min
Response: 773212
Conc: 109.99 ng/ml



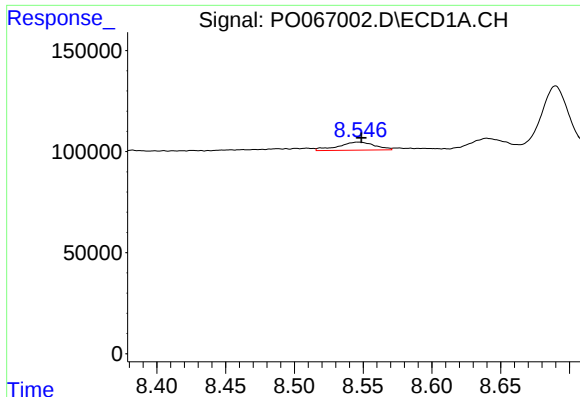
#42 AR-1268-2

R.T.: 8.327 min
Delta R.T.: -0.021 min
Response: 1447020
Conc: 193.63 ng/ml



#42 AR-1268-2

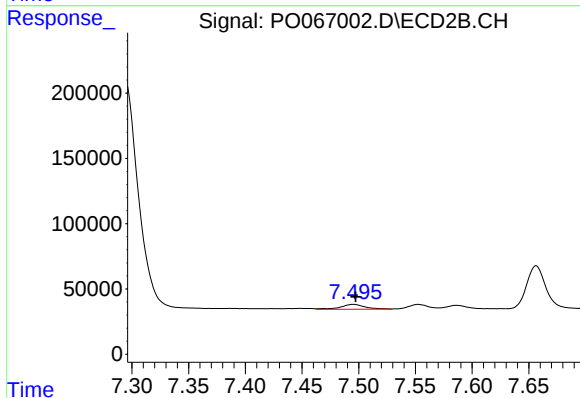
R.T.: 7.295 min
Delta R.T.: -0.005 min
Response: 2454889
Conc: 368.97 ng/ml



#43 AR-1268-3

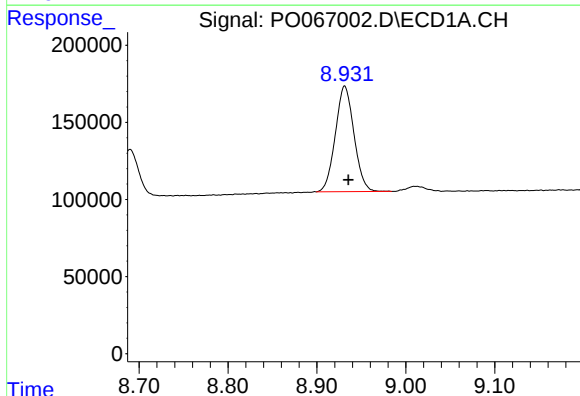
R.T.: 8.547 min
Delta R.T.: -0.002 min
Response: 73054
Conc: 11.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



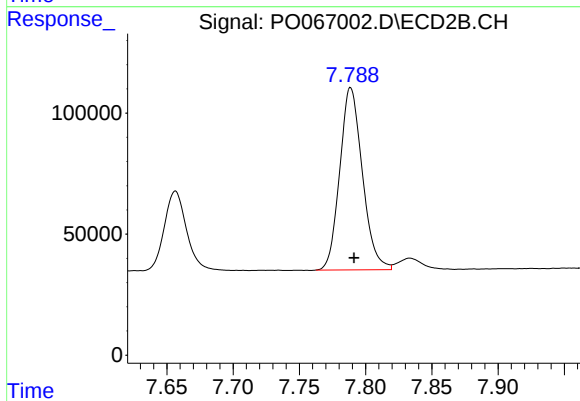
#43 AR-1268-3

R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 54772
Conc: 9.89 ng/ml



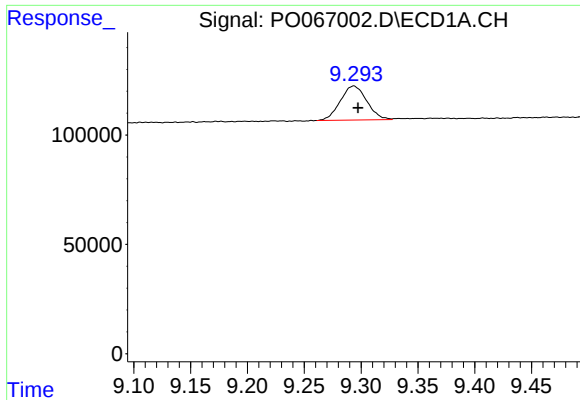
#44 AR-1268-4

R.T.: 8.931 min
Delta R.T.: -0.004 min
Response: 998129
Conc: 411.68 ng/ml



#44 AR-1268-4

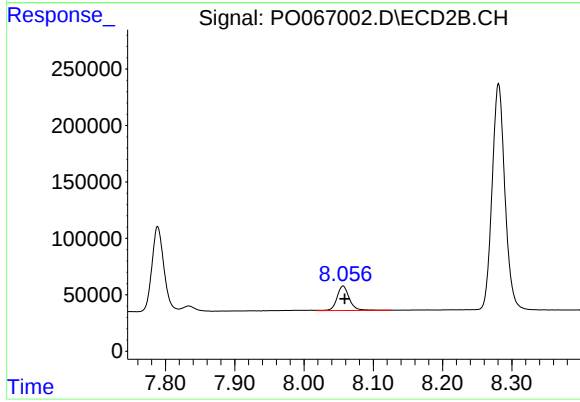
R.T.: 7.789 min
Delta R.T.: -0.002 min
Response: 896241
Conc: 389.71 ng/ml



#45 AR-1268-5

R.T.: 9.294 min
Delta R.T.: -0.004 min
Response: 252802
Conc: 13.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 271985
Conc: 15.58 ng/ml