

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO110521\
 Data File : PO082549.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2021 14:45
 Operator : AJ\MA
 Sample : M4475-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:01:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 2021
 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...	4.967	3.964	1697705	599731	19.396	19.379
2)	SA Decachlor...	11.071	9.277	1031998	503230	16.342	17.478
Target Compounds							
3)	L1 AR-1016-1	6.300	5.222	1532201	696764	528.236	519.337
4)	L1 AR-1016-2	6.324	5.242	2178184	959637	527.761	521.148
5)	L1 AR-1016-3	6.390	5.433	1350309	523854	527.294	525.483
6)	L1 AR-1016-4	6.498	5.486	1114696	429389	540.000	526.417
7)	L1 AR-1016-5	6.815	5.714	1059018	535058	519.329	524.864
8)	L2 AR-1221-1	5.221	4.220	362408	63211	384.289	165.500 #
9)	L2 AR-1221-2	5.321	4.321	202987	79471	313.161	273.748
10)	L2 AR-1221-3	5.409	4.410	855417	358880	414.665	387.844
11)	L3 AR-1232-1	5.409	4.410	855417	358880	493.807	454.607
12)	L3 AR-1232-2	6.002	5.242	1174460	959637	1328.158	1278.438
13)	L3 AR-1232-3	6.324	5.433	2178184	523854	1379.351	1321.019
14)	L3 AR-1232-4	6.498	5.530	1114696	499990	1451.560	1447.820
15)	L3 AR-1232-5	6.597	5.714	890130	535058	1610.293	1427.179
16)	L4 AR-1242-1	6.300	5.222	1532201	696764	737.158	713.979
17)	L4 AR-1242-2	6.324	5.242	2178184	959637	746.707	712.887
18)	L4 AR-1242-3	6.390	5.433	1350309	523854	732.025	718.655
19)	L4 AR-1242-4	6.498	5.530	1114696	499990	745.850	700.352
20)	L4 AR-1242-5	7.287	6.095	176250	453213	117.817	490.919 #
21)	L5 AR-1248-1	6.300	5.222	1532201	696764	1003.892	944.803
22)	L5 AR-1248-2	6.597	5.486	890130	429389	423.208	421.672
23)	L5 AR-1248-3	6.815	5.530	1059018	499990	436.465	480.498
24)	L5 AR-1248-4	7.247	5.714	172459	535058	67.144	436.480 #
25)	L5 AR-1248-5	7.287	6.138	176250	79191	69.878	64.087
26)	L6 AR-1254-1	7.216	6.095	791502	453213	290.520	233.331
27)	L6 AR-1254-2	7.447	6.256	848479	434973	203.687	254.168
28)	L6 AR-1254-3	7.832	6.696f	425174	757090	99.410	294.483 #
29)	L6 AR-1254-4	8.128	6.917	262663	102245	85.651	56.248 #
30)	L6 AR-1254-5	8.561	7.347	2464394	1449581	766.314	623.658
31)	L7 AR-1260-1	8.000	6.814	1797987	1023907	566.208	564.438
32)	L7 AR-1260-2	8.268	7.013	2054928	1350320	546.676	564.244
33)	L7 AR-1260-3	8.635	7.168	1293529	1157430	456.742	544.263
34)	L7 AR-1260-4	8.867	7.652	1614385	856309	484.303	513.390
35)	L7 AR-1260-5	9.201	7.901	3065786	2087799	488.585	501.399
36)	L8 AR-1262-1	8.635	7.347	1293529	1449581	348.619	1212.906 #
37)	L8 AR-1262-2	9.201	7.901	3065786	2087799	480.003	511.584
38)	L8 AR-1262-3	9.540f	8.189	2018830	410506	704.019	251.733 #
39)	L8 AR-1262-4	9.594f	8.251	1115494	1365967	660.973	469.083 #
40)	L8 AR-1262-5	10.300	8.752	762570	431279	313.982	314.783
41)	L9 AR-1268-1	9.540f	8.189	2018830	410506	247.313	78.491 #

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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

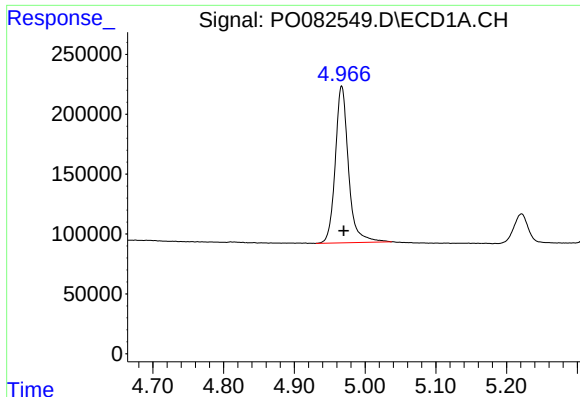
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 01:01:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.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	9.594f	8.251	1115494	1365967	147.535	301.026 #
43) L9	AR-1268-3	9.848	8.462	68914	35237	10.503	9.066
44) L9	AR-1268-4	10.300	8.752	762570	431279	271.110	271.450
45) L9	AR-1268-5	10.725	9.033	263348	136149	11.903	12.451

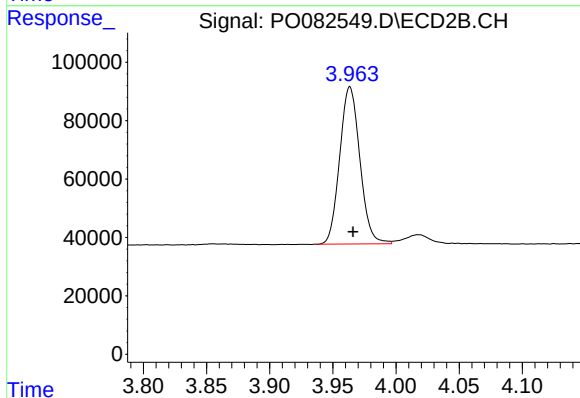
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

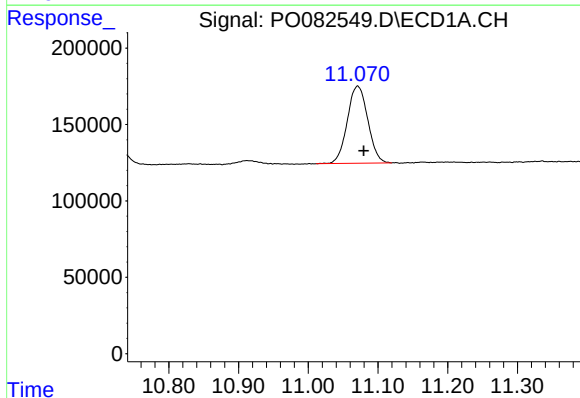
R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 1697705
Conc: 19.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



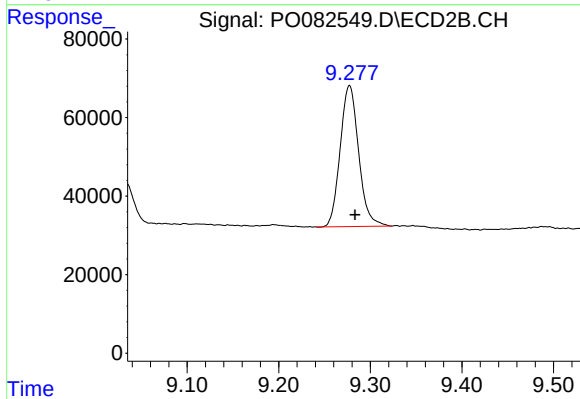
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 599731
Conc: 19.38 ng/ml



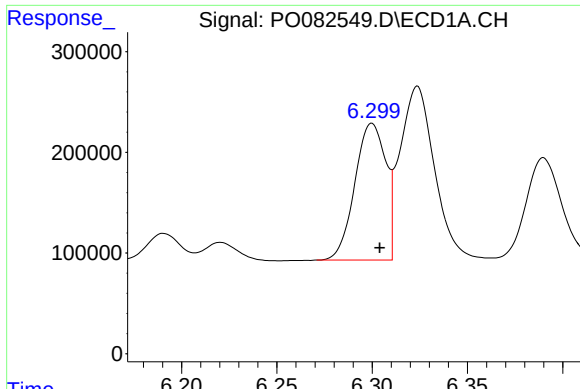
#2 Decachlorobiphenyl

R.T.: 11.071 min
Delta R.T.: -0.009 min
Response: 1031998
Conc: 16.34 ng/ml



#2 Decachlorobiphenyl

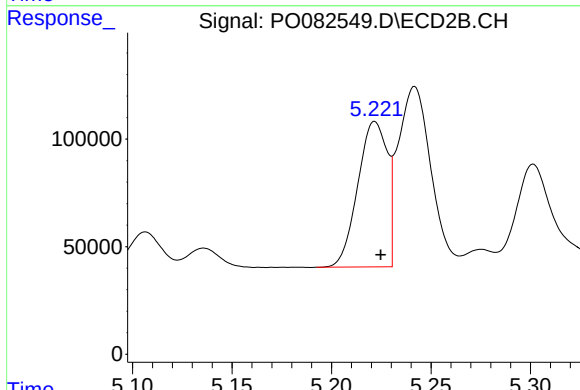
R.T.: 9.277 min
Delta R.T.: -0.006 min
Response: 503230
Conc: 17.48 ng/ml



#3 AR-1016-1

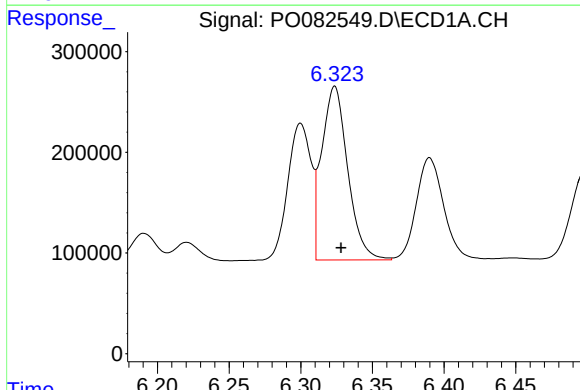
R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 1532201
Conc: 528.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



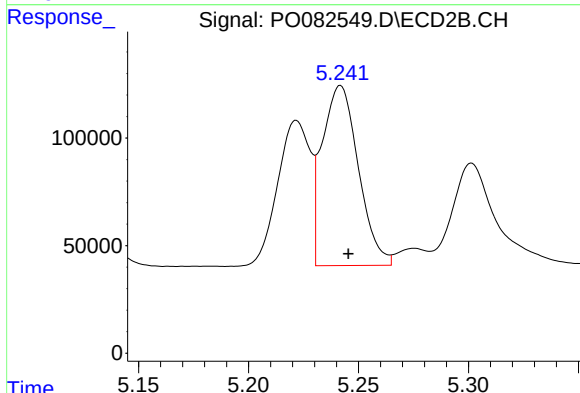
#3 AR-1016-1

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 696764
Conc: 519.34 ng/ml



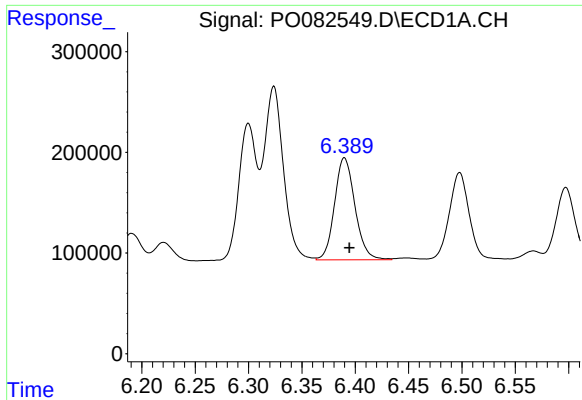
#4 AR-1016-2

R.T.: 6.324 min
Delta R.T.: -0.004 min
Response: 2178184
Conc: 527.76 ng/ml



#4 AR-1016-2

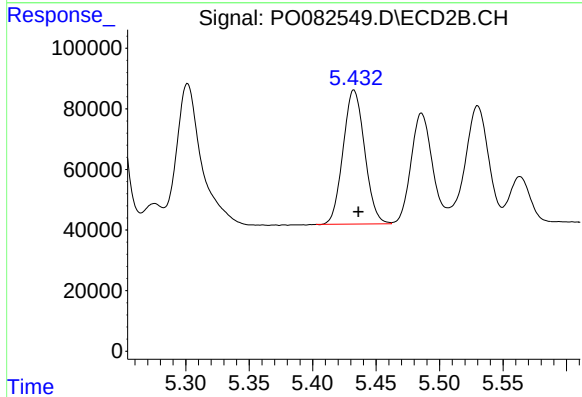
R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 959637
Conc: 521.15 ng/ml



#5 AR-1016-3

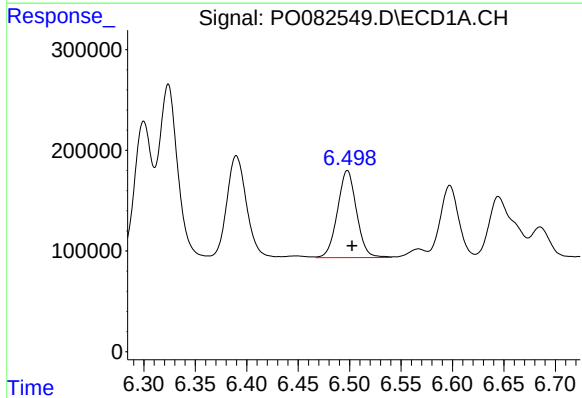
R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 1350309
Conc: 527.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



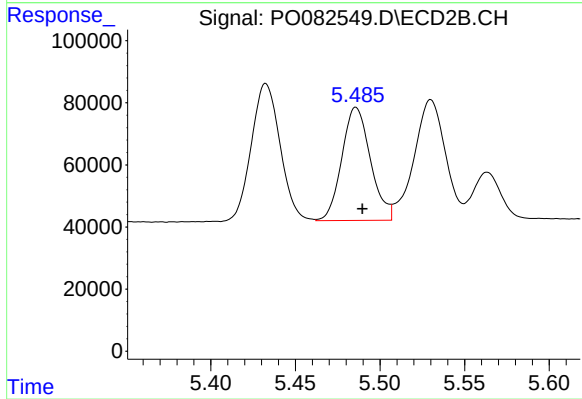
#5 AR-1016-3

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 523854
Conc: 525.48 ng/ml



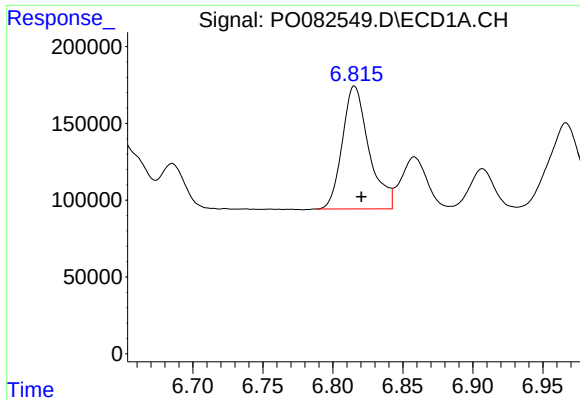
#6 AR-1016-4

R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 1114696
Conc: 540.00 ng/ml



#6 AR-1016-4

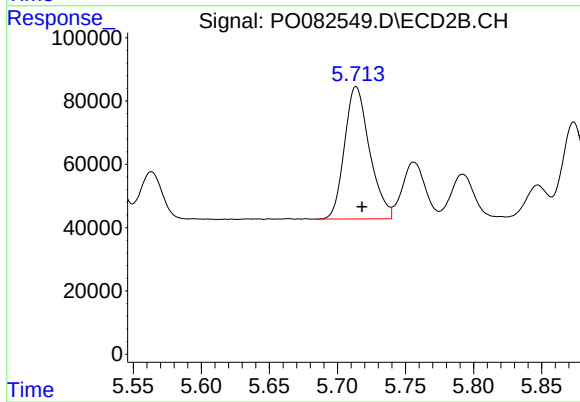
R.T.: 5.486 min
Delta R.T.: -0.004 min
Response: 429389
Conc: 526.42 ng/ml



#7 AR-1016-5

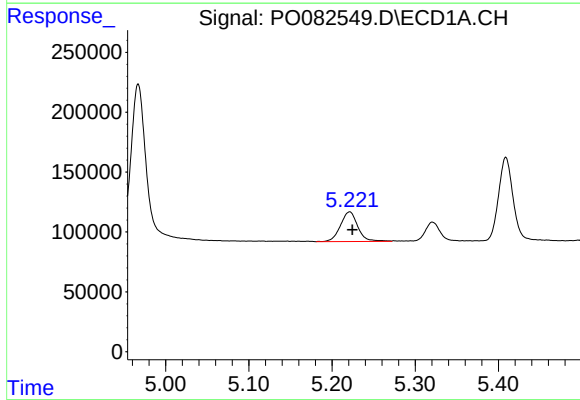
R.T.: 6.815 min
Delta R.T.: -0.005 min
Response: 1059018
Conc: 519.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



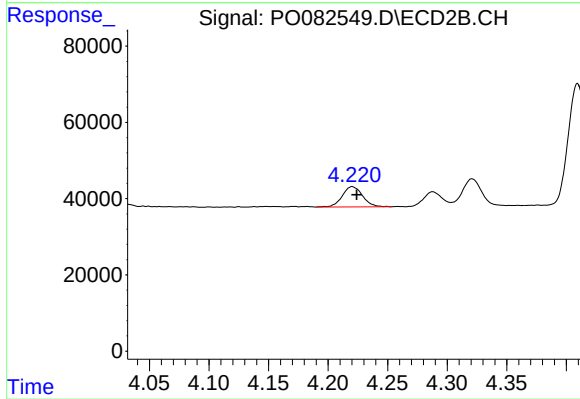
#7 AR-1016-5

R.T.: 5.714 min
Delta R.T.: -0.005 min
Response: 535058
Conc: 524.86 ng/ml



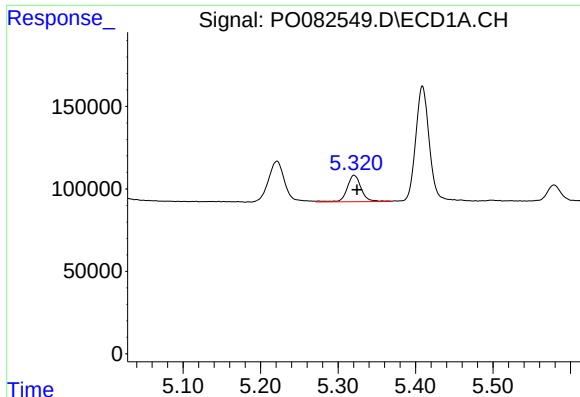
#8 AR-1221-1

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 362408
Conc: 384.29 ng/ml



#8 AR-1221-1

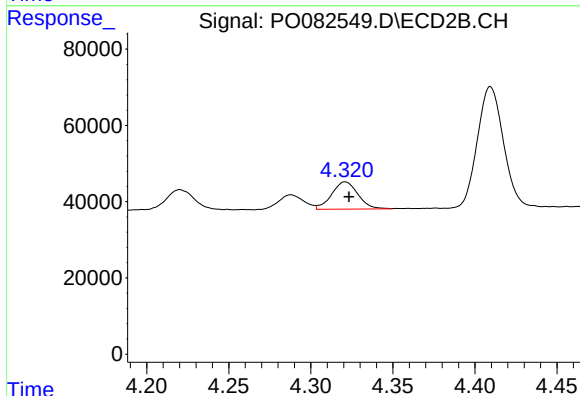
R.T.: 4.220 min
Delta R.T.: -0.004 min
Response: 63211
Conc: 165.50 ng/ml



#9 AR-1221-2

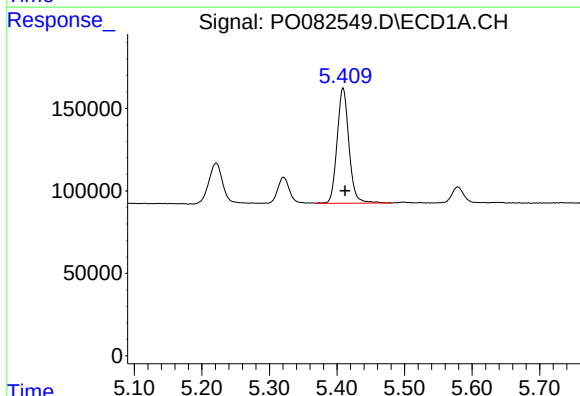
R.T.: 5.321 min
Delta R.T.: -0.004 min
Response: 202987
Conc: 313.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



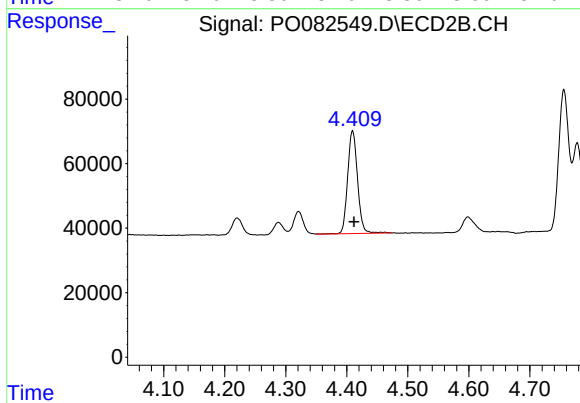
#9 AR-1221-2

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 79471
Conc: 273.75 ng/ml



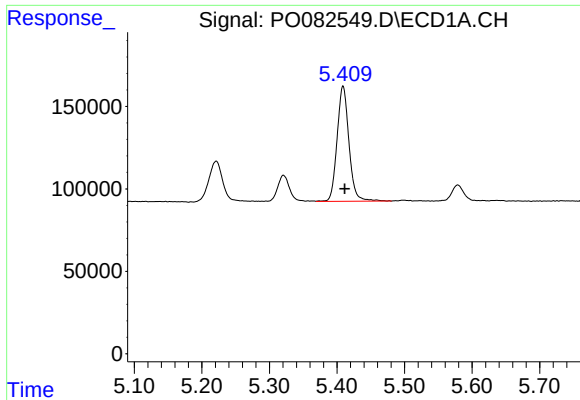
#10 AR-1221-3

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 855417
Conc: 414.67 ng/ml



#10 AR-1221-3

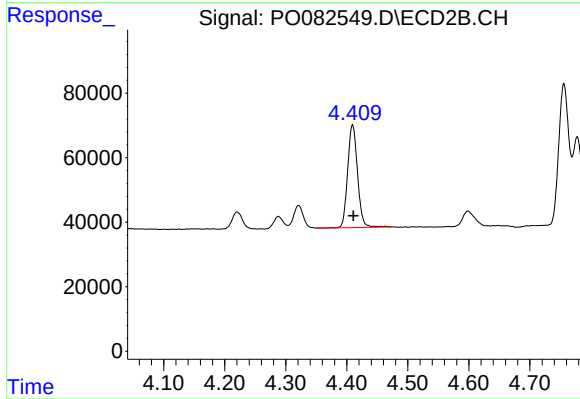
R.T.: 4.410 min
Delta R.T.: -0.002 min
Response: 358880
Conc: 387.84 ng/ml



#11 AR-1232-1

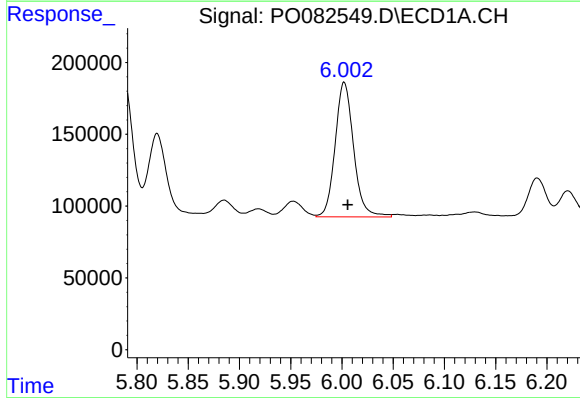
R.T.: 5.409 min
Delta R.T.: -0.002 min
Response: 855417
Conc: 493.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



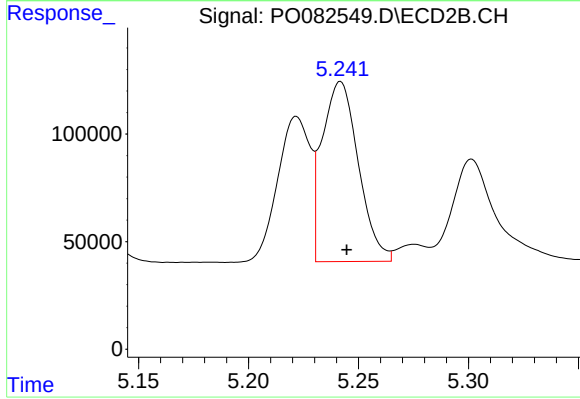
#11 AR-1232-1

R.T.: 4.410 min
Delta R.T.: -0.002 min
Response: 358880
Conc: 454.61 ng/ml



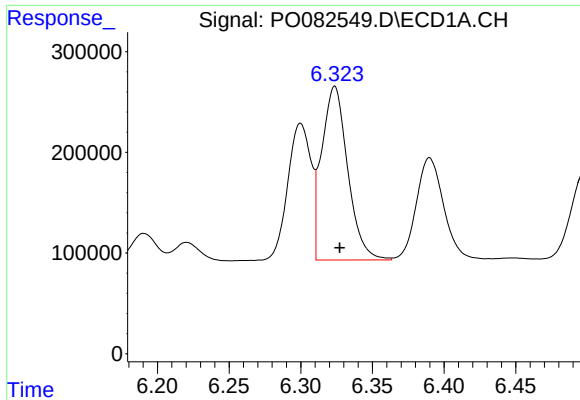
#12 AR-1232-2

R.T.: 6.002 min
Delta R.T.: -0.003 min
Response: 1174460
Conc: 1328.16 ng/ml



#12 AR-1232-2

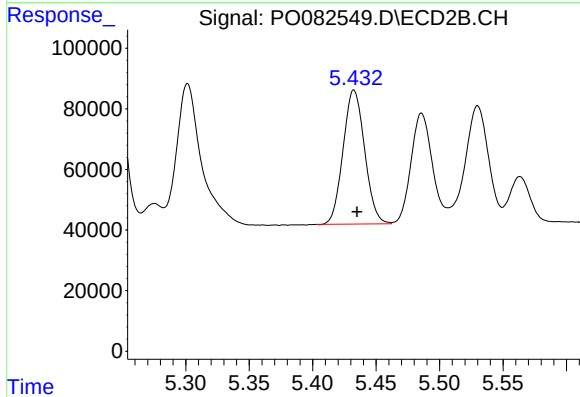
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 959637
Conc: 1278.44 ng/ml



#13 AR-1232-3

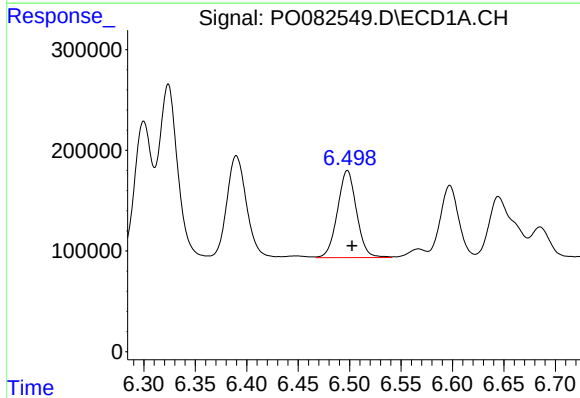
R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 2178184
Conc: 1379.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



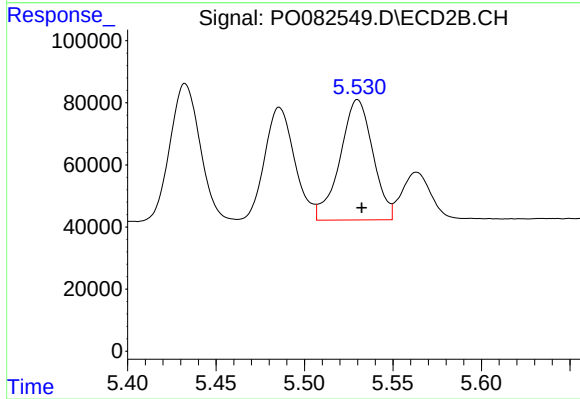
#13 AR-1232-3

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 523854
Conc: 1321.02 ng/ml



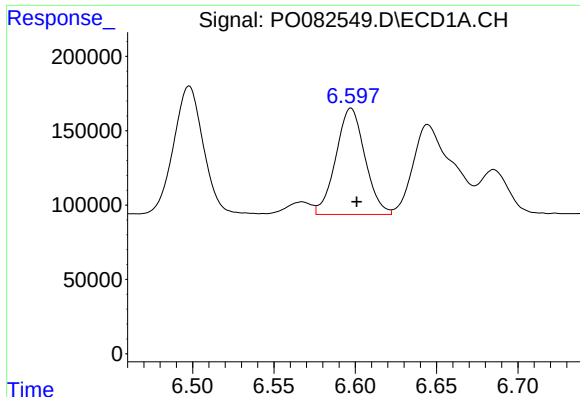
#14 AR-1232-4

R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 1114696
Conc: 1451.56 ng/ml



#14 AR-1232-4

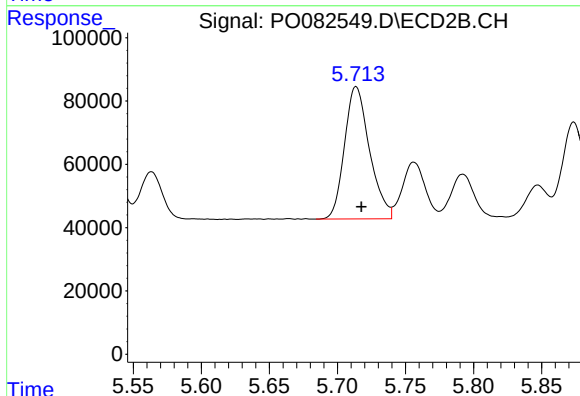
R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 499990
Conc: 1447.82 ng/ml



#15 AR-1232-5

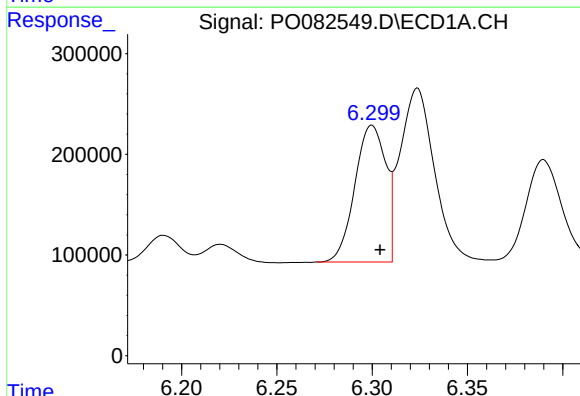
R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 890130
Conc: 1610.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



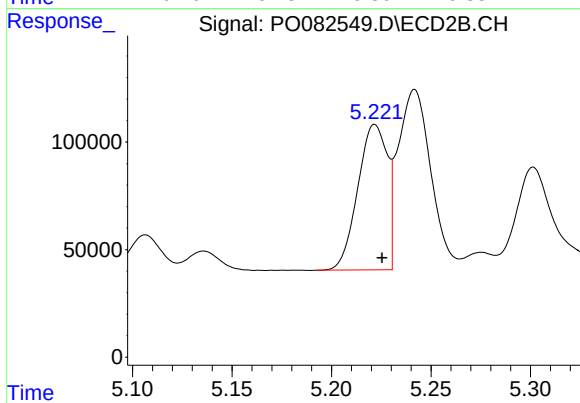
#15 AR-1232-5

R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 535058
Conc: 1427.18 ng/ml



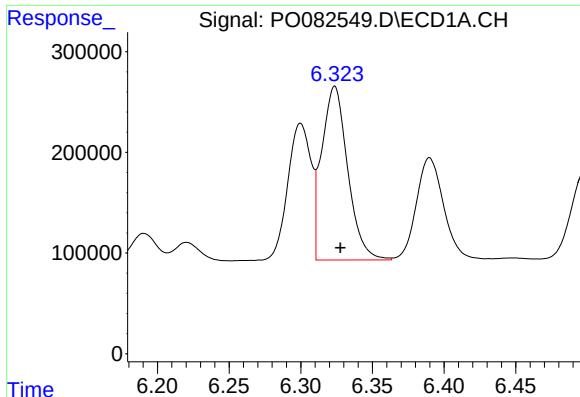
#16 AR-1242-1

R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 1532201
Conc: 737.16 ng/ml



#16 AR-1242-1

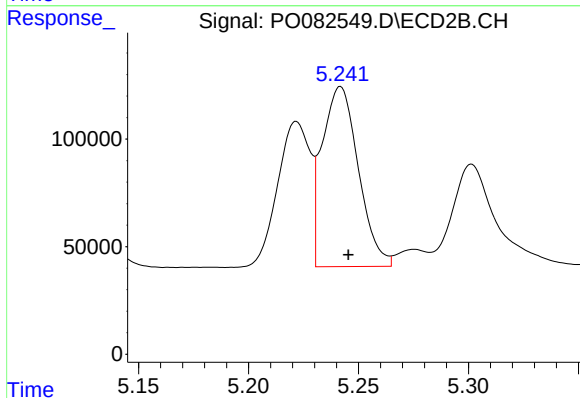
R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 696764
Conc: 713.98 ng/ml



#17 AR-1242-2

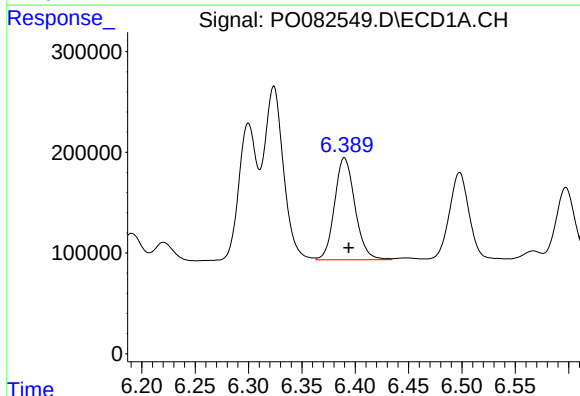
R.T.: 6.324 min
Delta R.T.: -0.004 min
Response: 2178184
Conc: 746.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



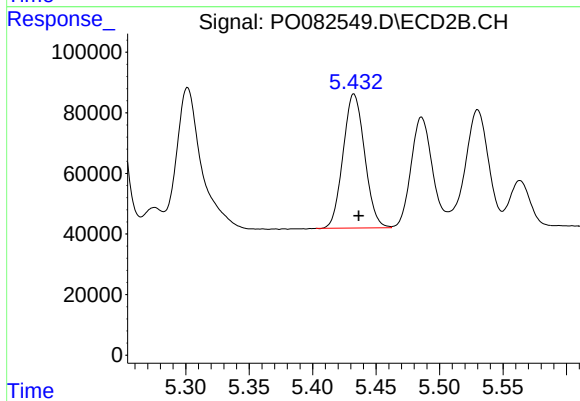
#17 AR-1242-2

R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 959637
Conc: 712.89 ng/ml



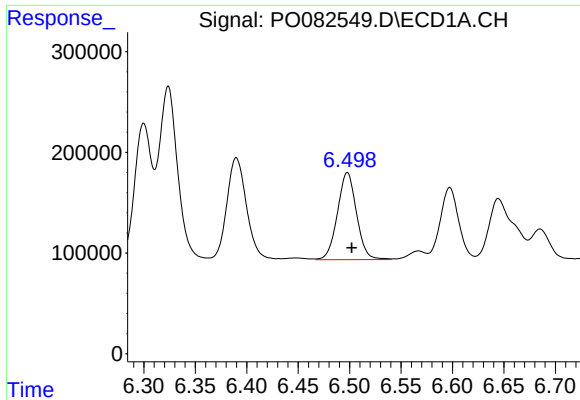
#18 AR-1242-3

R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 1350309
Conc: 732.02 ng/ml



#18 AR-1242-3

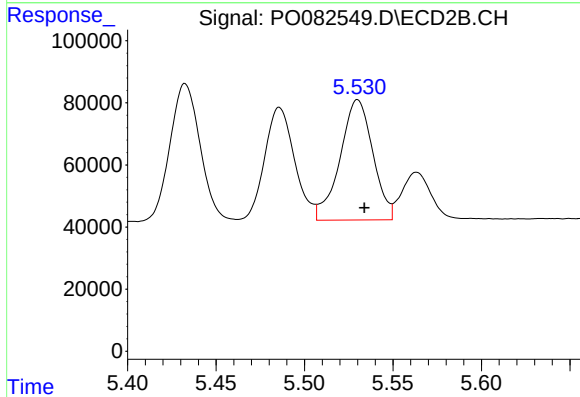
R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 523854
Conc: 718.66 ng/ml



#19 AR-1242-4

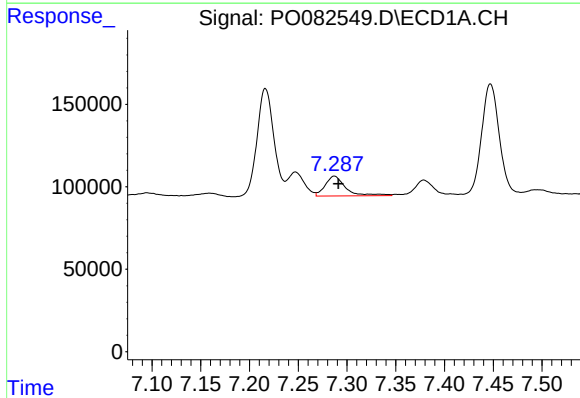
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 1114696
Conc: 745.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



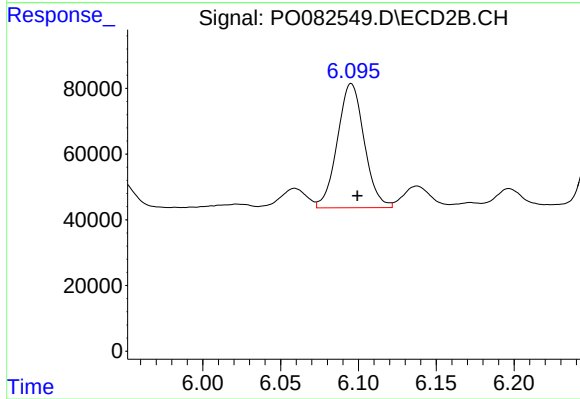
#19 AR-1242-4

R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 499990
Conc: 700.35 ng/ml



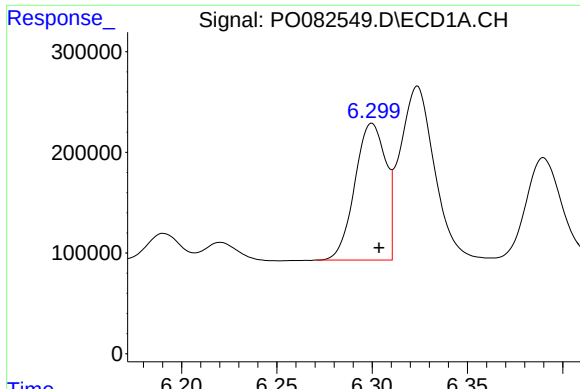
#20 AR-1242-5

R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 176250
Conc: 117.82 ng/ml



#20 AR-1242-5

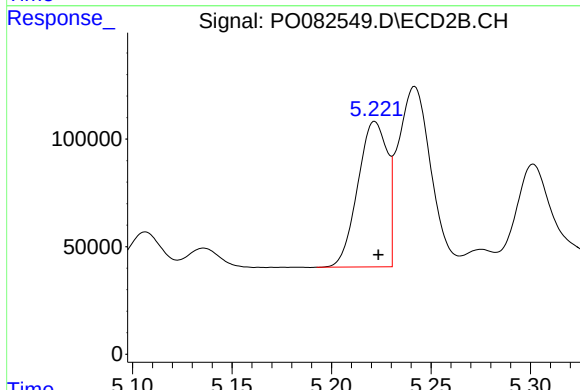
R.T.: 6.095 min
Delta R.T.: -0.004 min
Response: 453213
Conc: 490.92 ng/ml



#21 AR-1248-1

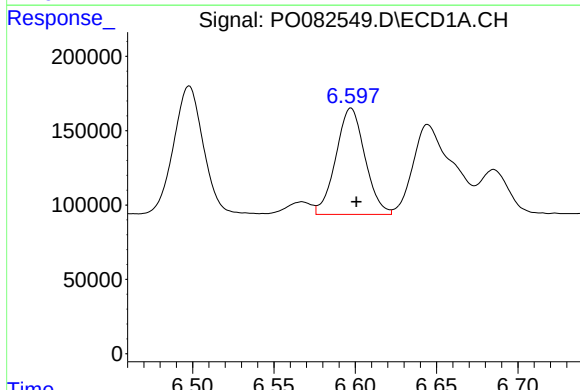
R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 1532201
Conc: 1003.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



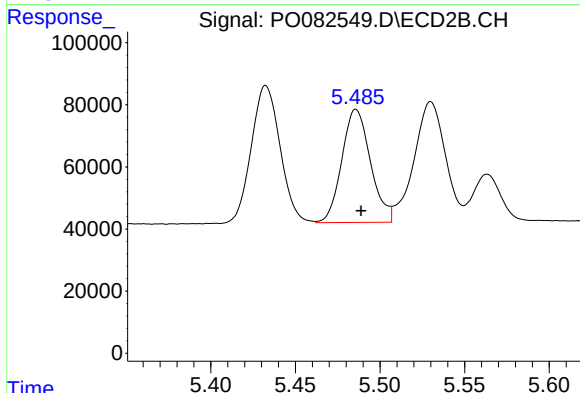
#21 AR-1248-1

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 696764
Conc: 944.80 ng/ml



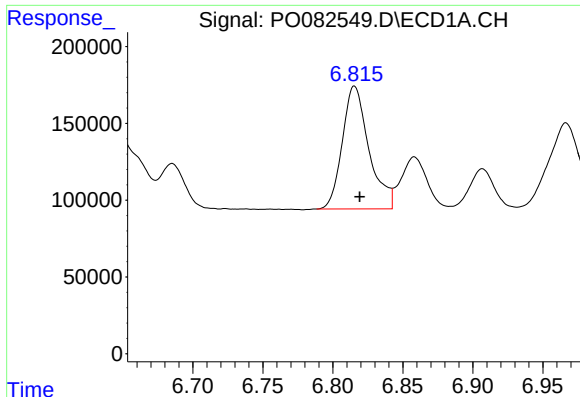
#22 AR-1248-2

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 890130
Conc: 423.21 ng/ml



#22 AR-1248-2

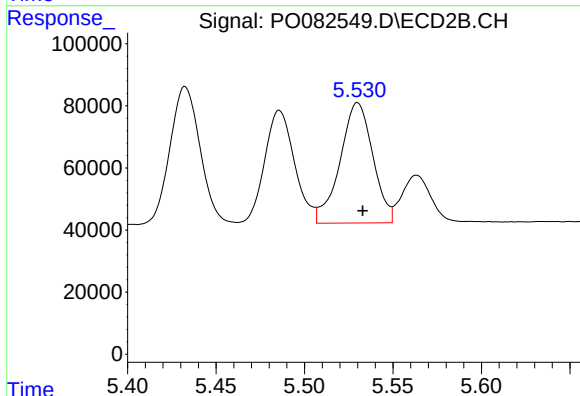
R.T.: 5.486 min
Delta R.T.: -0.003 min
Response: 429389
Conc: 421.67 ng/ml



#23 AR-1248-3

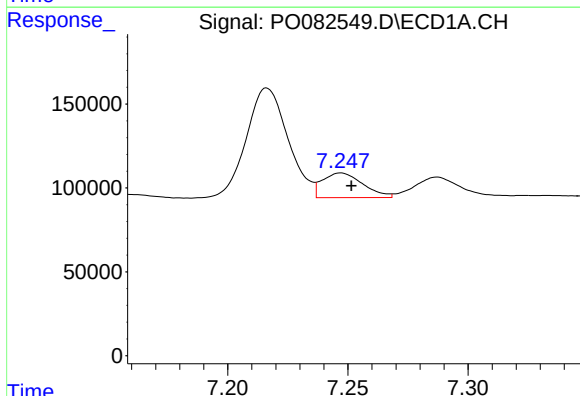
R.T.: 6.815 min
Delta R.T.: -0.004 min
Response: 1059018
Conc: 436.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



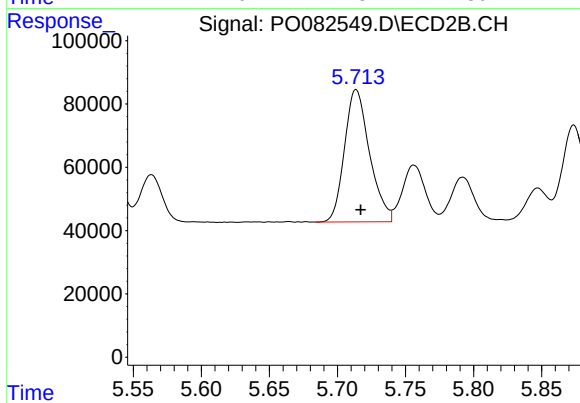
#23 AR-1248-3

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 499990
Conc: 480.50 ng/ml



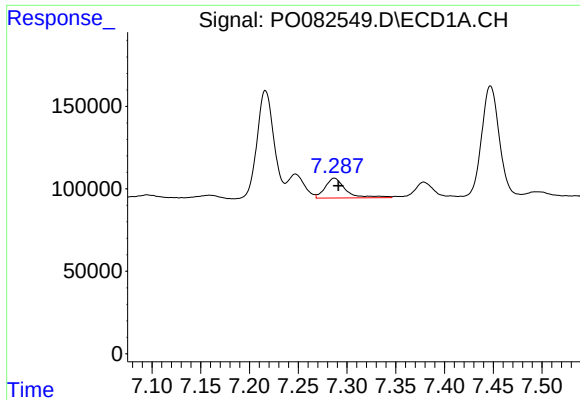
#24 AR-1248-4

R.T.: 7.247 min
Delta R.T.: -0.004 min
Response: 172459
Conc: 67.14 ng/ml



#24 AR-1248-4

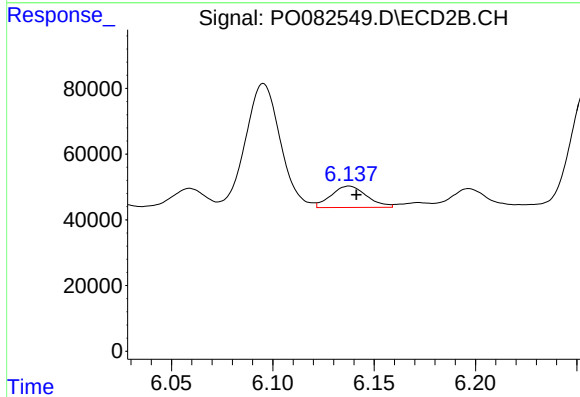
R.T.: 5.714 min
Delta R.T.: -0.003 min
Response: 535058
Conc: 436.48 ng/ml



#25 AR-1248-5

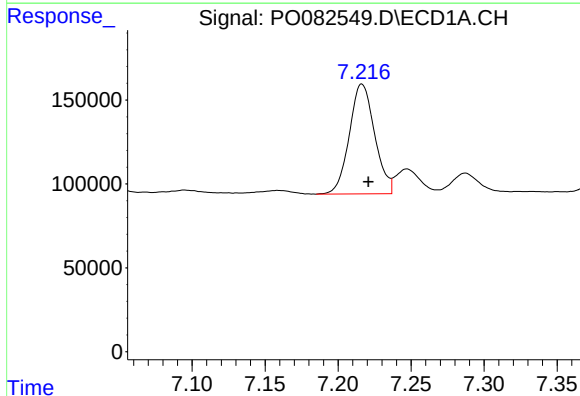
R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 176250
Conc: 69.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



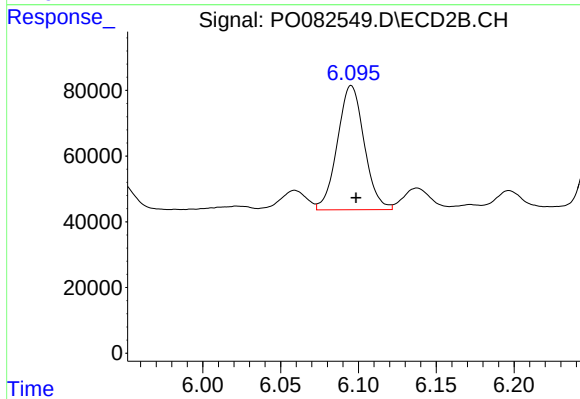
#25 AR-1248-5

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 79191
Conc: 64.09 ng/ml



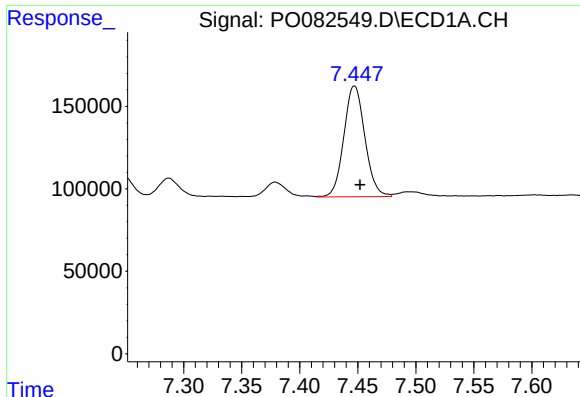
#26 AR-1254-1

R.T.: 7.216 min
Delta R.T.: -0.004 min
Response: 791502
Conc: 290.52 ng/ml



#26 AR-1254-1

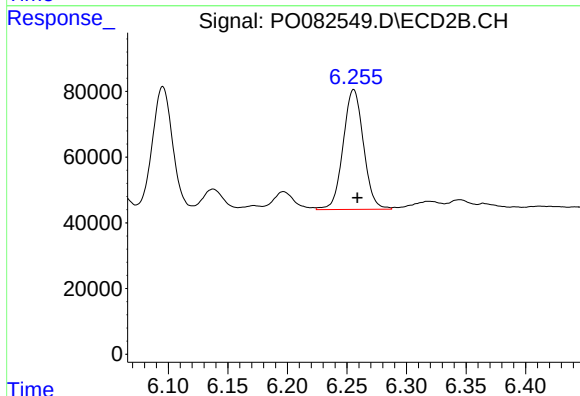
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 453213
Conc: 233.33 ng/ml



#27 AR-1254-2

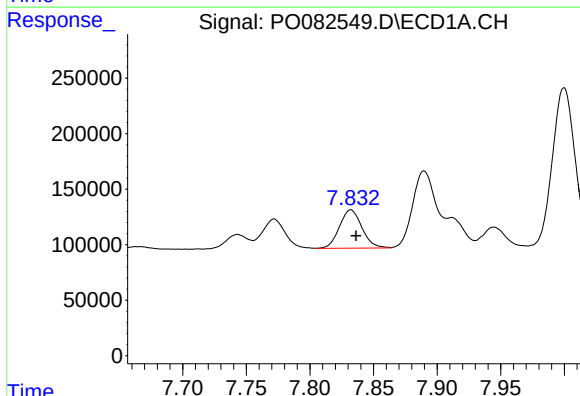
R.T.: 7.447 min
Delta R.T.: -0.005 min
Response: 848479
Conc: 203.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



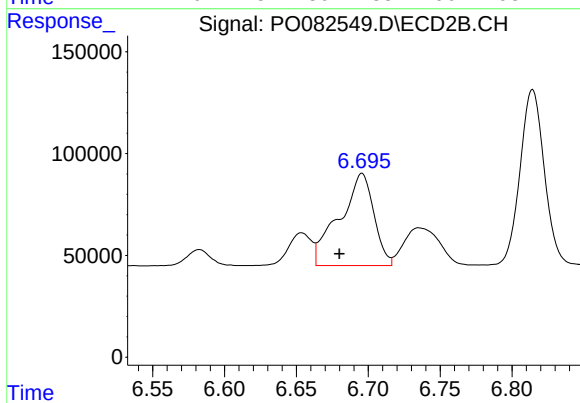
#27 AR-1254-2

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 434973
Conc: 254.17 ng/ml



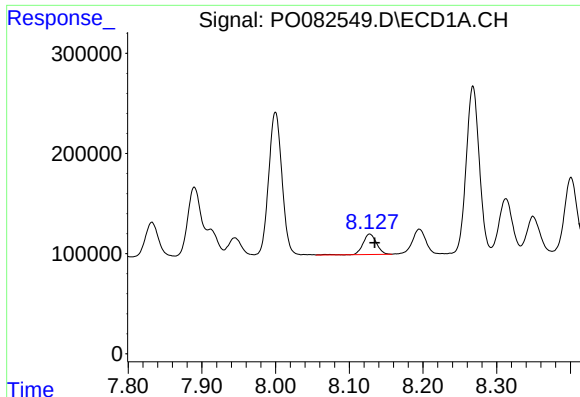
#28 AR-1254-3

R.T.: 7.832 min
Delta R.T.: -0.004 min
Response: 425174
Conc: 99.41 ng/ml



#28 AR-1254-3

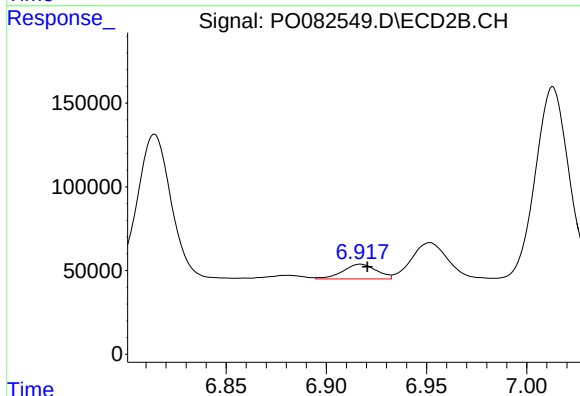
R.T.: 6.696 min
Delta R.T.: 0.016 min
Response: 757090
Conc: 294.48 ng/ml



#29 AR-1254-4

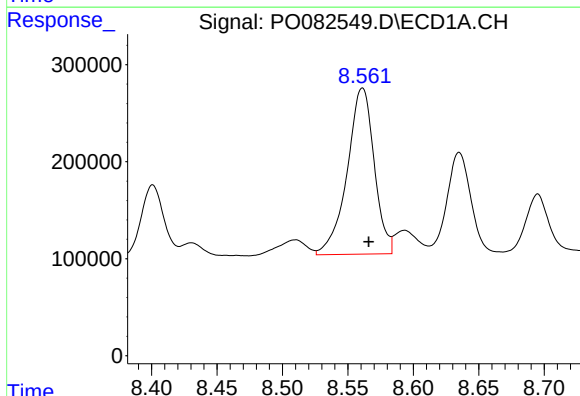
R.T.: 8.128 min
Delta R.T.: -0.007 min
Response: 262663
Conc: 85.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



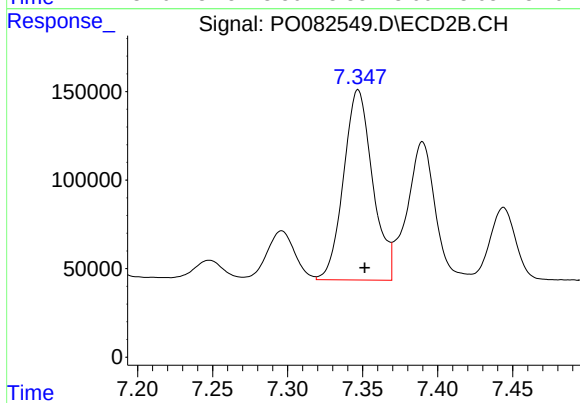
#29 AR-1254-4

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 102245
Conc: 56.25 ng/ml



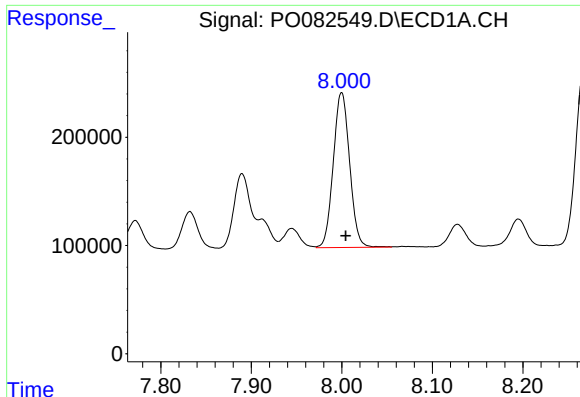
#30 AR-1254-5

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 2464394
Conc: 766.31 ng/ml



#30 AR-1254-5

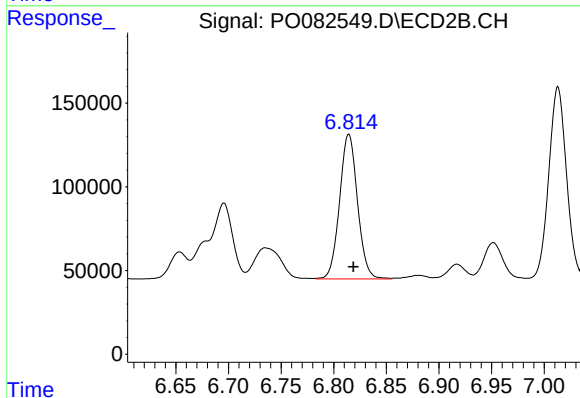
R.T.: 7.347 min
Delta R.T.: -0.004 min
Response: 1449581
Conc: 623.66 ng/ml



#31 AR-1260-1

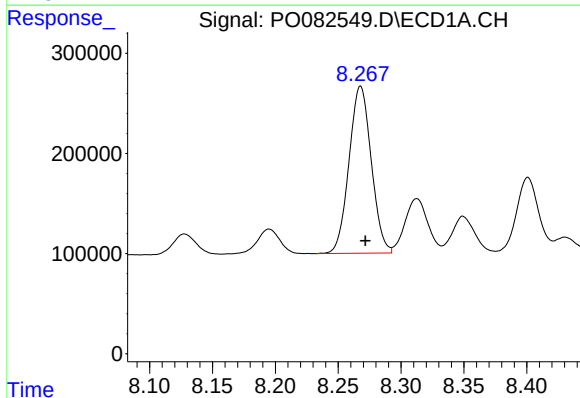
R.T.: 8.000 min
Delta R.T.: -0.005 min
Response: 1797987
Conc: 566.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



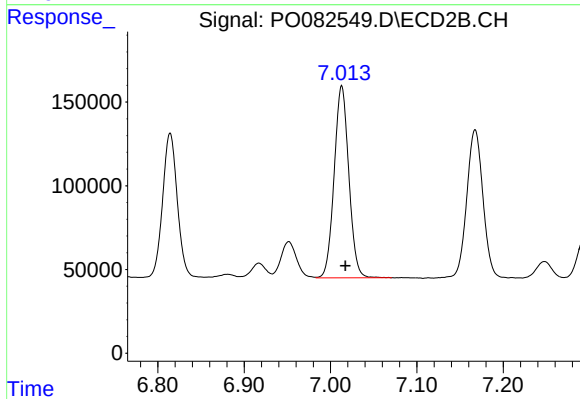
#31 AR-1260-1

R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 1023907
Conc: 564.44 ng/ml



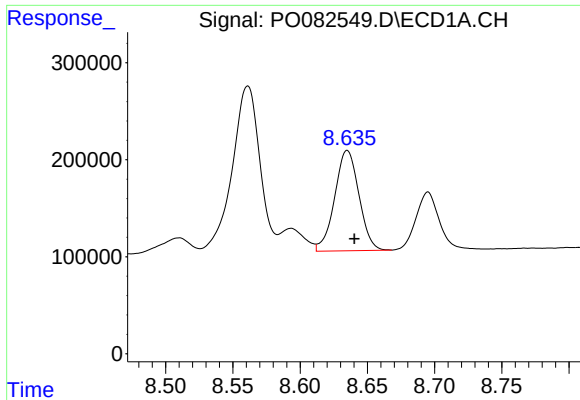
#32 AR-1260-2

R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 2054928
Conc: 546.68 ng/ml



#32 AR-1260-2

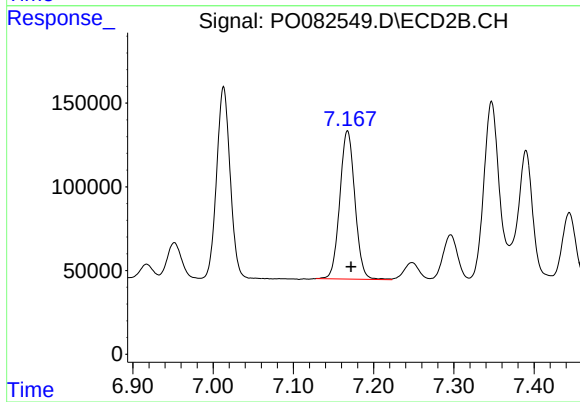
R.T.: 7.013 min
Delta R.T.: -0.004 min
Response: 1350320
Conc: 564.24 ng/ml



#33 AR-1260-3

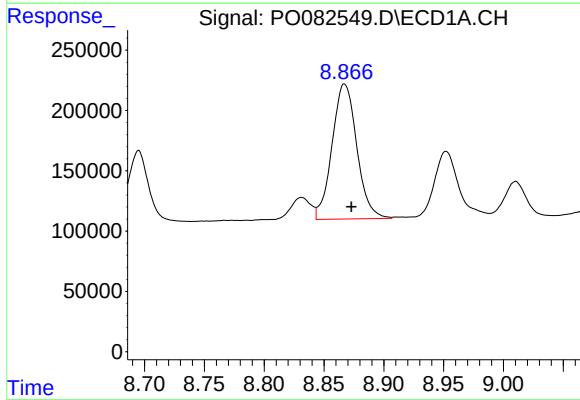
R.T.: 8.635 min
Delta R.T.: -0.005 min
Response: 1293529
Conc: 456.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



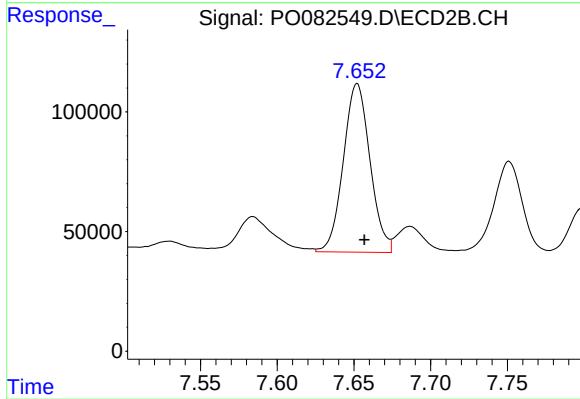
#33 AR-1260-3

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 1157430
Conc: 544.26 ng/ml



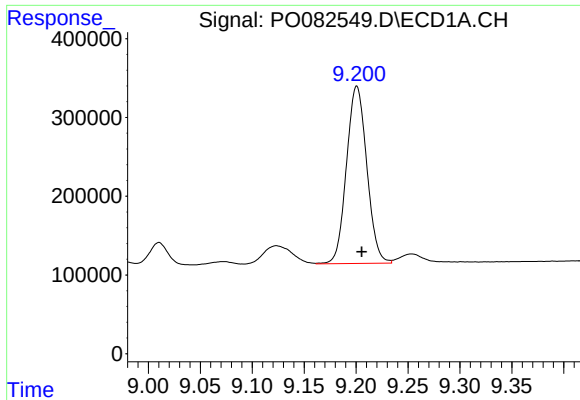
#34 AR-1260-4

R.T.: 8.867 min
Delta R.T.: -0.006 min
Response: 1614385
Conc: 484.30 ng/ml



#34 AR-1260-4

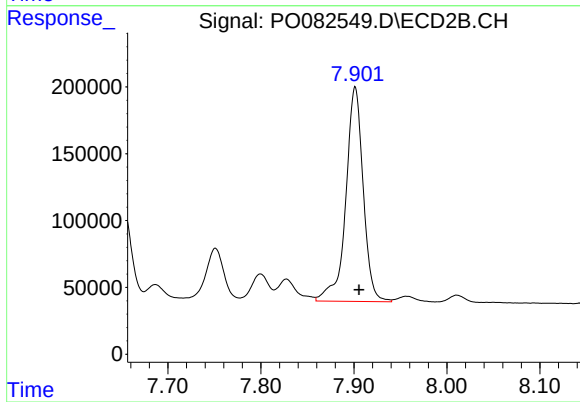
R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 856309
Conc: 513.39 ng/ml



#35 AR-1260-5

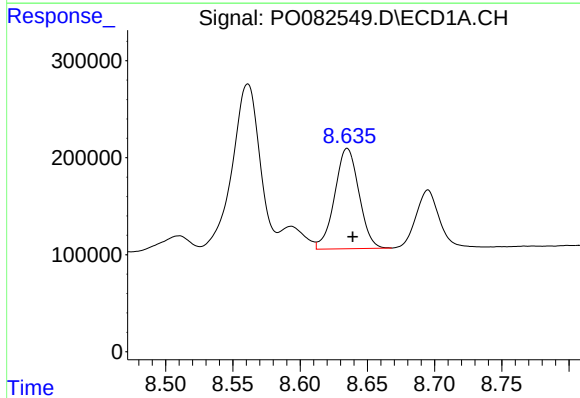
R.T.: 9.201 min
Delta R.T.: -0.005 min
Response: 3065786
Conc: 488.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



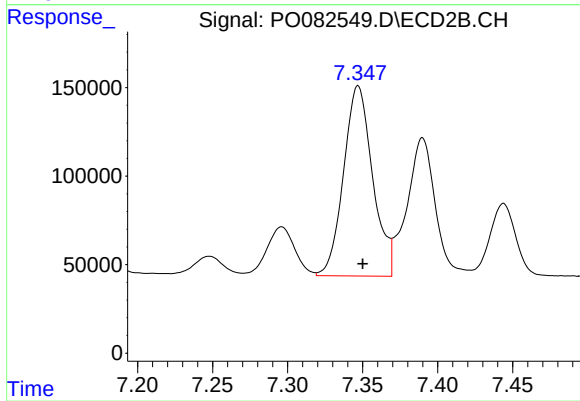
#35 AR-1260-5

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 2087799
Conc: 501.40 ng/ml



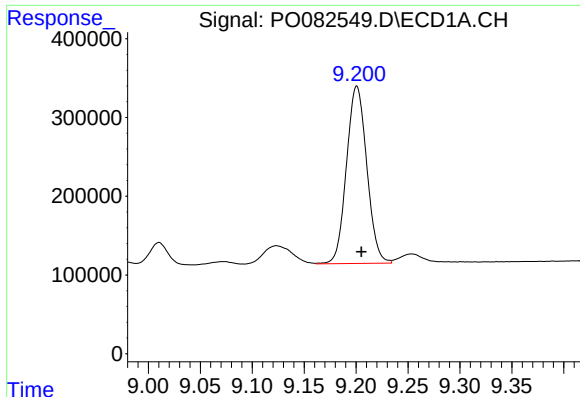
#36 AR-1262-1

R.T.: 8.635 min
Delta R.T.: -0.004 min
Response: 1293529
Conc: 348.62 ng/ml



#36 AR-1262-1

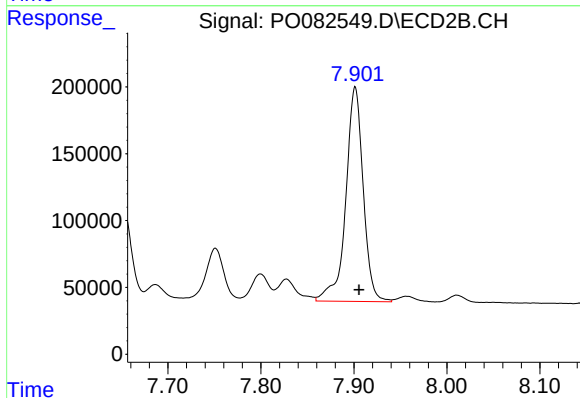
R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 1449581
Conc: 1212.91 ng/ml



#37 AR-1262-2

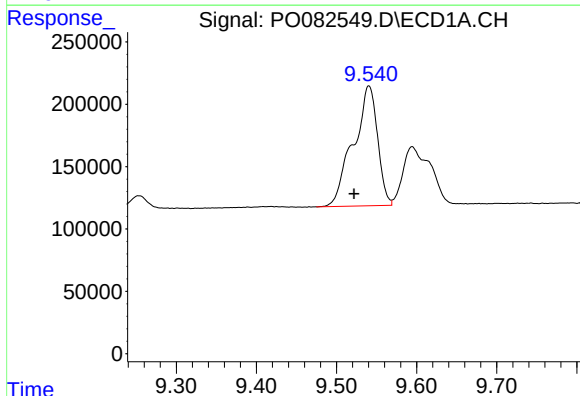
R.T.: 9.201 min
Delta R.T.: -0.005 min
Response: 3065786
Conc: 480.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



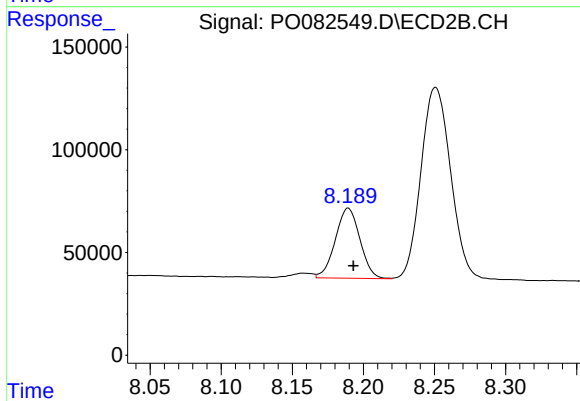
#37 AR-1262-2

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 2087799
Conc: 511.58 ng/ml



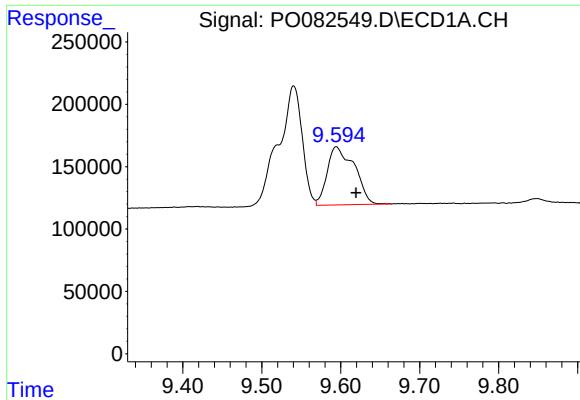
#38 AR-1262-3

R.T.: 9.540 min
Delta R.T.: 0.018 min
Response: 2018830
Conc: 704.02 ng/ml



#38 AR-1262-3

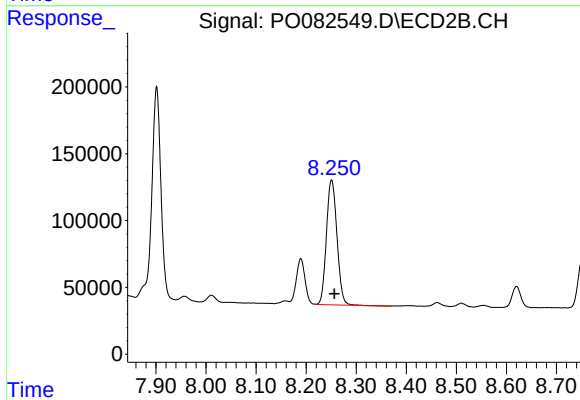
R.T.: 8.189 min
Delta R.T.: -0.004 min
Response: 410506
Conc: 251.73 ng/ml



#39 AR-1262-4

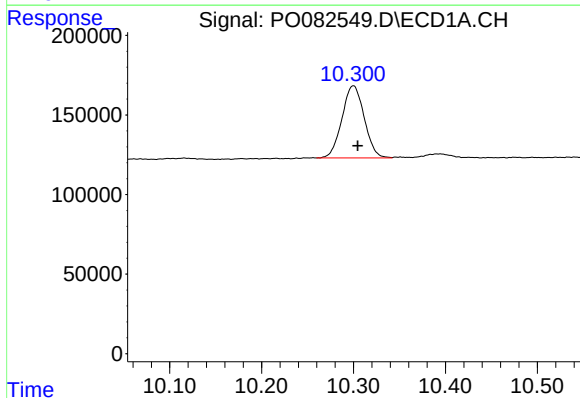
R.T.: 9.594 min
Delta R.T.: -0.025 min
Response: 1115494
Conc: 660.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



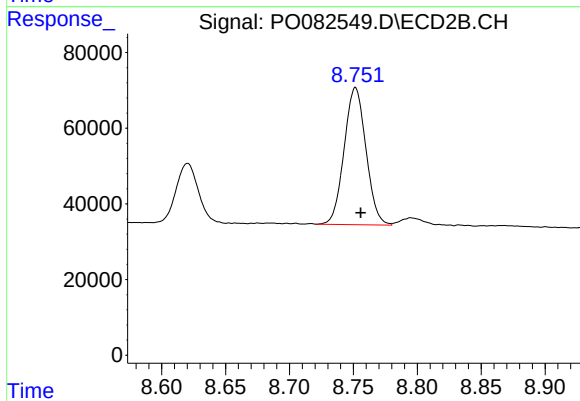
#39 AR-1262-4

R.T.: 8.251 min
Delta R.T.: -0.006 min
Response: 1365967
Conc: 469.08 ng/ml



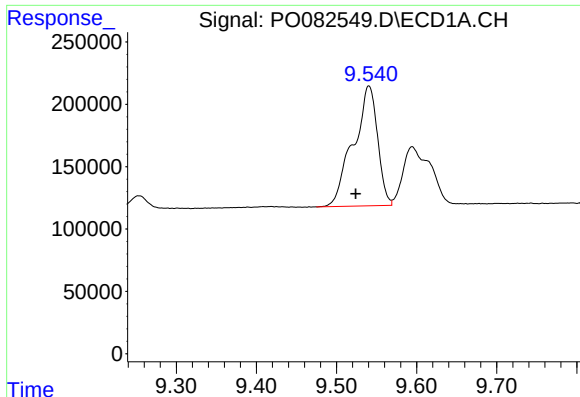
#40 AR-1262-5

R.T.: 10.300 min
Delta R.T.: -0.005 min
Response: 762570
Conc: 313.98 ng/ml



#40 AR-1262-5

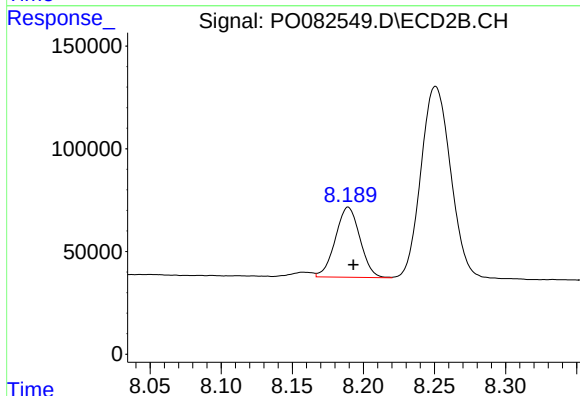
R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 431279
Conc: 314.78 ng/ml



#41 AR-1268-1

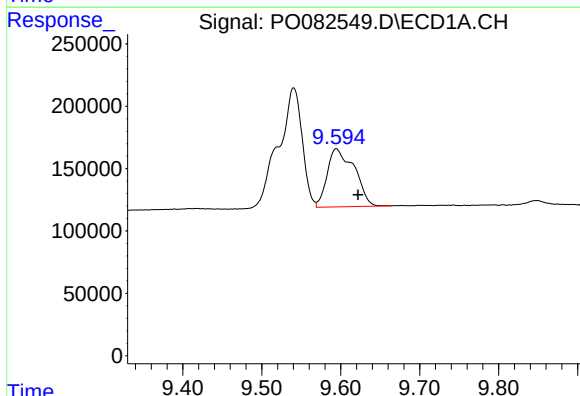
R.T.: 9.540 min
Delta R.T.: 0.017 min
Response: 2018830
Conc: 247.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



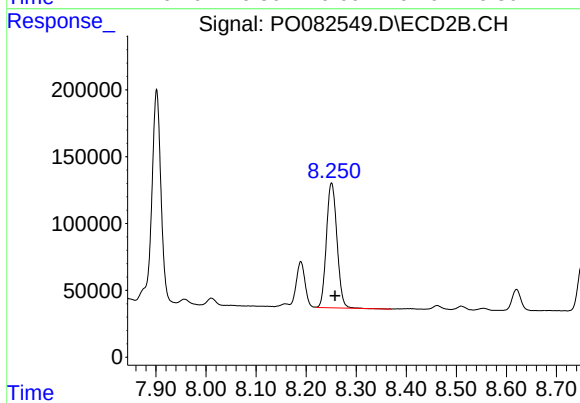
#41 AR-1268-1

R.T.: 8.189 min
Delta R.T.: -0.003 min
Response: 410506
Conc: 78.49 ng/ml



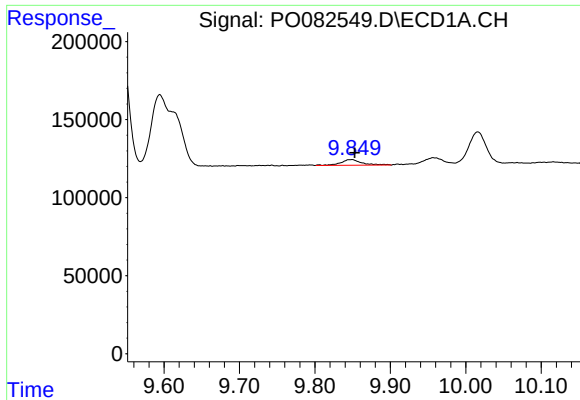
#42 AR-1268-2

R.T.: 9.594 min
Delta R.T.: -0.028 min
Response: 1115494
Conc: 147.54 ng/ml



#42 AR-1268-2

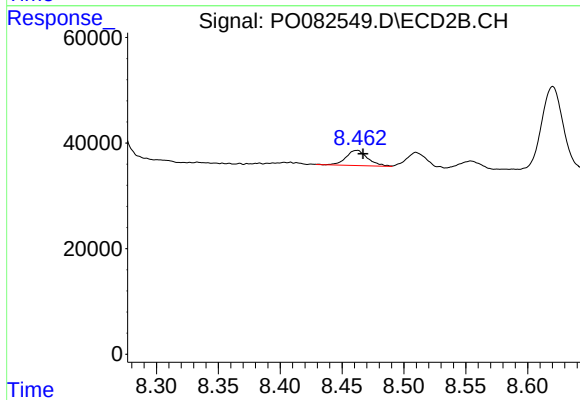
R.T.: 8.251 min
Delta R.T.: -0.007 min
Response: 1365967
Conc: 301.03 ng/ml



#43 AR-1268-3

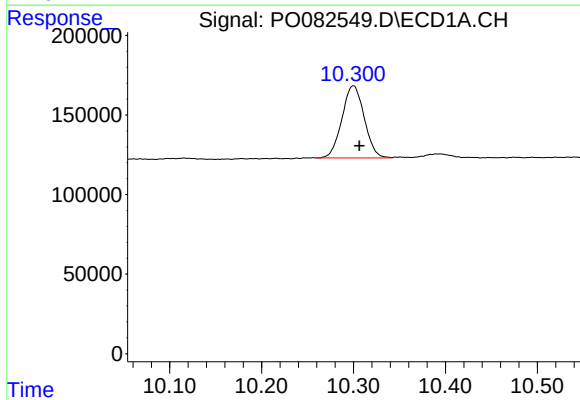
R.T.: 9.848 min
Delta R.T.: -0.005 min
Response: 68914
Conc: 10.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



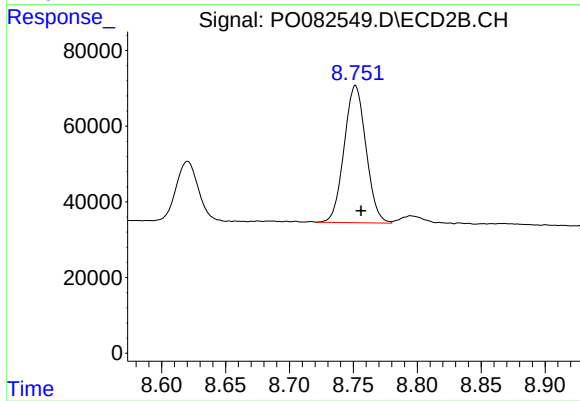
#43 AR-1268-3

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 35237
Conc: 9.07 ng/ml



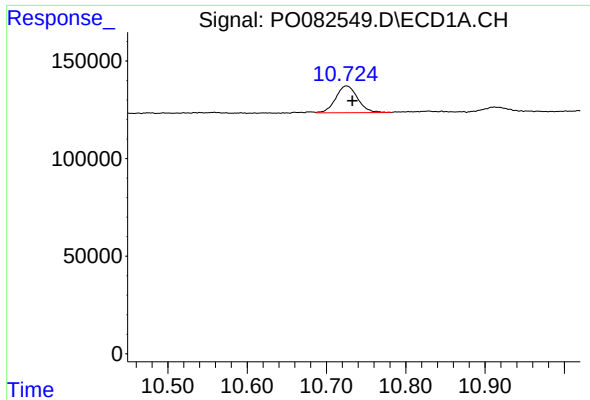
#44 AR-1268-4

R.T.: 10.300 min
Delta R.T.: -0.006 min
Response: 762570
Conc: 271.11 ng/ml



#44 AR-1268-4

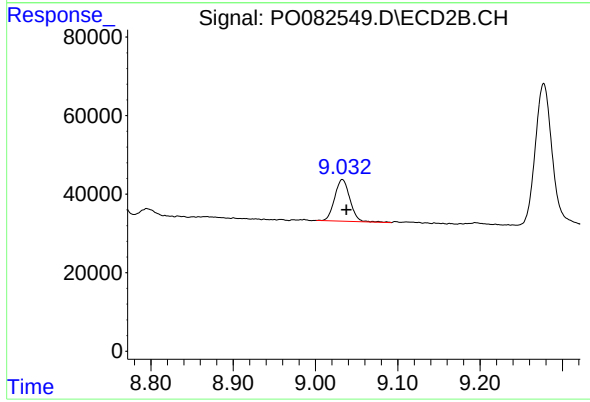
R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 431279
Conc: 271.45 ng/ml



#45 AR-1268-5

R.T.: 10.725 min
Delta R.T.: -0.007 min
Response: 263348
Conc: 11.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 136149
Conc: 12.45 ng/ml