

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092120\
 Data File : P0071484.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Sep 2020 9:48
 Operator : DD\AJ
 Sample : PB131718BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 15:17:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 09 16:04:54 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...	4.341	3.525	1532870	789183	21.630	20.214
2)	SA Decachlor...	9.951	8.701	2087130	1183388	22.381	21.483
Target Compounds							
3)	L1 AR-1016-1	5.644	4.748	633691	337423	218.002	196.562
4)	L1 AR-1016-2	5.666	4.765	932210	476149	218.457	196.544
5)	L1 AR-1016-3	5.729	4.950	560164	242908	220.826	191.377
6)	L1 AR-1016-4	5.835	5.007	488796	190339	228.359	180.395
7)	L1 AR-1016-5	6.143	5.228	447924	254558	218.834	187.160
8)	L2 AR-1221-1	4.590	0.000	50600	0	69.566	N.D. #
9)	L2 AR-1221-2	4.692	0.000	76600	0	138.831	N.D. #
10)	L2 AR-1221-3	4.778	3.956	280251	148967	154.177	138.471
11)	L3 AR-1232-1	4.778	3.956	280251	148967	187.233	163.637
12)	L3 AR-1232-2	5.351	4.765	446913	476149	549.558	475.607
13)	L3 AR-1232-3	5.666	4.950	932210	242908	544.086	470.653
14)	L3 AR-1232-4	5.835	5.049	488796	189902	587.673	431.200 #
15)	L3 AR-1232-5	5.933	5.228	361982	254558	626.534	490.439
16)	L4 AR-1242-1	5.644	4.748	633691	337423	270.770	255.088
17)	L4 AR-1242-2	5.666	4.765	932210	476149	275.003	258.571
18)	L4 AR-1242-3	5.729	4.950	560164	242908	276.610	249.253
19)	L4 AR-1242-4	5.835	5.049	488796	189902	288.492	208.660 #
20)	L4 AR-1242-5	6.605	5.601	73830	202804	33.276	146.543 #
21)	L5 AR-1248-1	5.644	4.748	633691	337423	376.762	343.090
22)	L5 AR-1248-2	5.933	5.007	361982	190339	163.954	145.305
23)	L5 AR-1248-3	6.143	5.049	447924	189902	170.155	154.670
24)	L5 AR-1248-4	6.568	5.228	101012	254558	27.797	158.749 #
25)	L5 AR-1248-5	6.605	0.000	73830	0	22.187	N.D. #
26)	L6 AR-1254-1	6.534	5.601	393465	202804	112.149	76.242 #
27)	L6 AR-1254-2	6.761	5.762	449239	210548	78.125	88.995
28)	L6 AR-1254-3	7.137	6.171	234526	106483	39.435	27.803 #
29)	L6 AR-1254-4	7.428	6.445f	146168	127837	25.162	46.335 #
30)	L6 AR-1254-5	7.852	6.832	1726055	815894	309.419	214.885 #
31)	L7 AR-1260-1	7.299	6.306	1064761	555217	234.820	199.282
32)	L7 AR-1260-2	7.566	6.507	1550599	699086	222.424	193.397
33)	L7 AR-1260-3	7.923	6.654	1111610	637439	183.426	197.535
34)	L7 AR-1260-4	8.149	7.129	1103947	447559	192.851	154.497
35)	L7 AR-1260-5	8.464	7.382	2474293	1238046	195.127	163.274
36)	L8 AR-1262-1	7.923	6.832	1111610	815894	131.027	404.427 #
37)	L8 AR-1262-2	8.464	7.382	2474293	1238046	171.398	158.739
38)	L8 AR-1262-3	8.732	7.661	456025	283982	51.314	85.108 #
39)	L8 AR-1262-4	8.796f	7.722	767120	923154	120.649	159.140 #
40)	L8 AR-1262-5	9.362	8.220	516252	307723	114.798	109.526
41)	L9 AR-1268-1	8.732	7.661	456025	283982	26.906	28.956

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 ALS Vial : 5 Sample Multiplier: 1

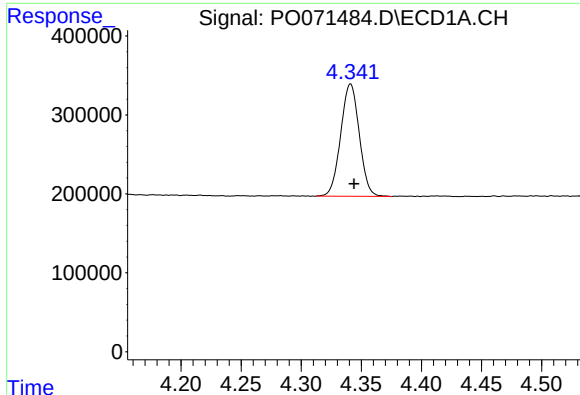
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 15:17:21 2020
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.796f	7.722	767120	923154	54.874	107.577 #
43) L9	AR-1268-3	8.991	0.000	44172	0	3.746	N.D. #
44) L9	AR-1268-4	9.362	8.220	516252	307723	100.549	96.848
45) L9	AR-1268-5	9.689	8.487	196664	107294	5.640	4.995

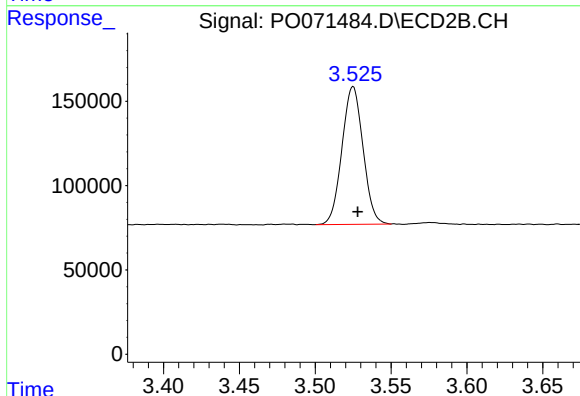
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

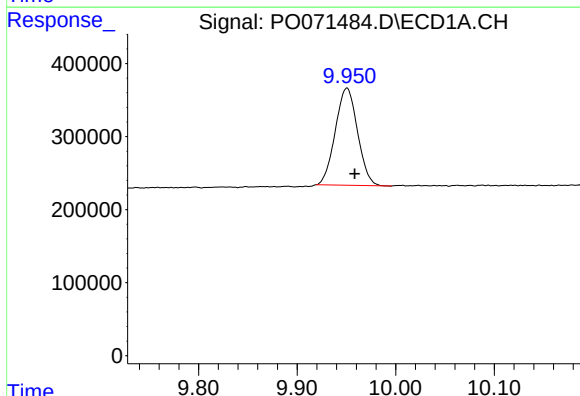
R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 1532870
Conc: 21.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



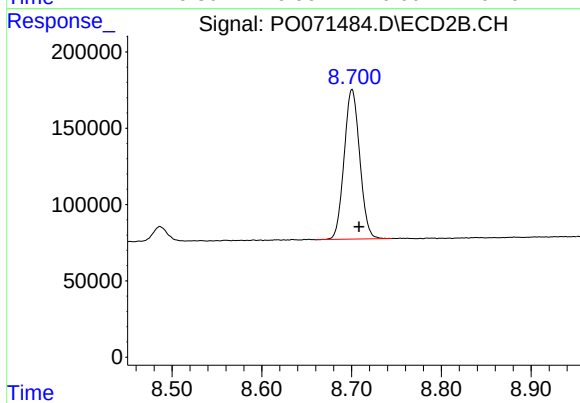
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.003 min
Response: 789183
Conc: 20.21 ng/ml



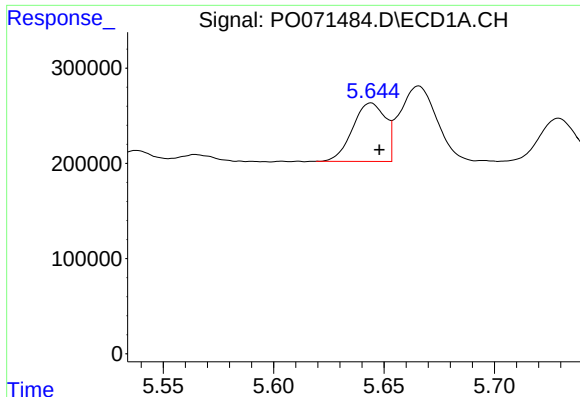
#2 Decachlorobiphenyl

R.T.: 9.951 min
Delta R.T.: -0.008 min
Response: 2087130
Conc: 22.38 ng/ml



#2 Decachlorobiphenyl

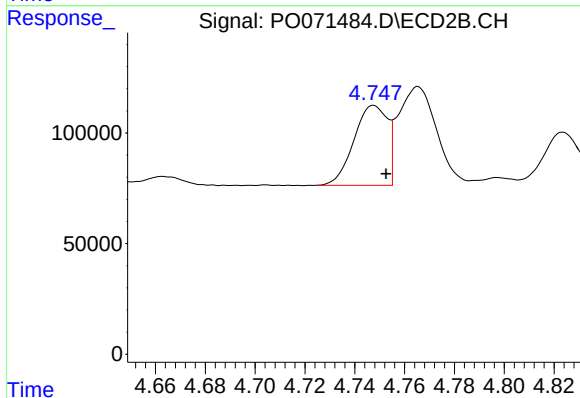
R.T.: 8.701 min
Delta R.T.: -0.008 min
Response: 1183388
Conc: 21.48 ng/ml



#3 AR-1016-1

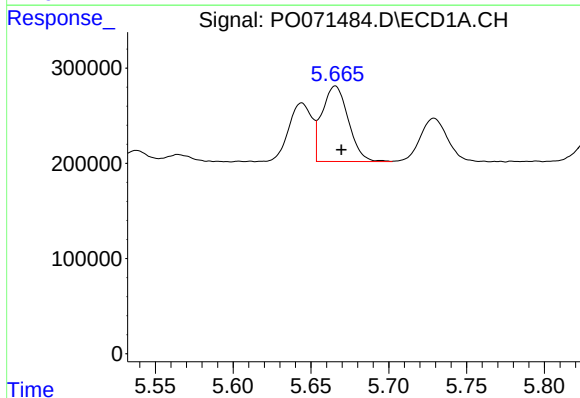
R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 633691
Conc: 218.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



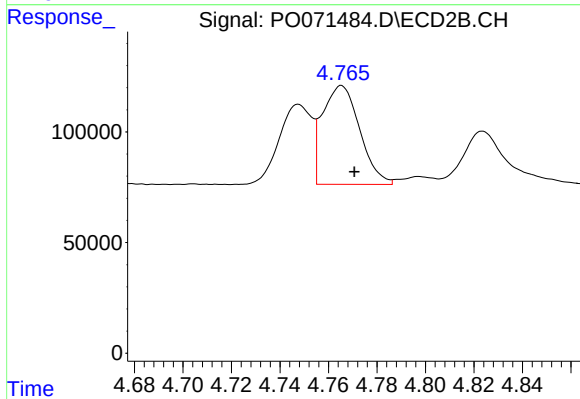
#3 AR-1016-1

R.T.: 4.748 min
Delta R.T.: -0.005 min
Response: 337423
Conc: 196.56 ng/ml



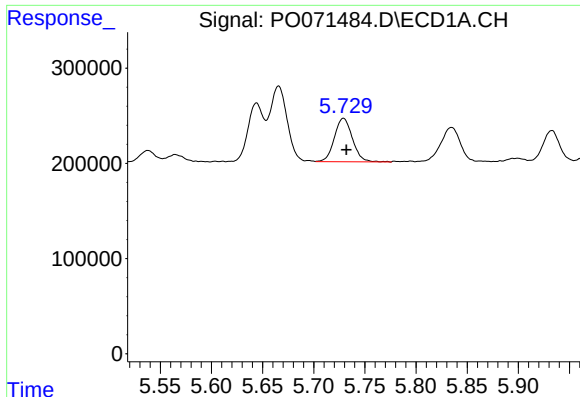
#4 AR-1016-2

R.T.: 5.666 min
Delta R.T.: -0.004 min
Response: 932210
Conc: 218.46 ng/ml



#4 AR-1016-2

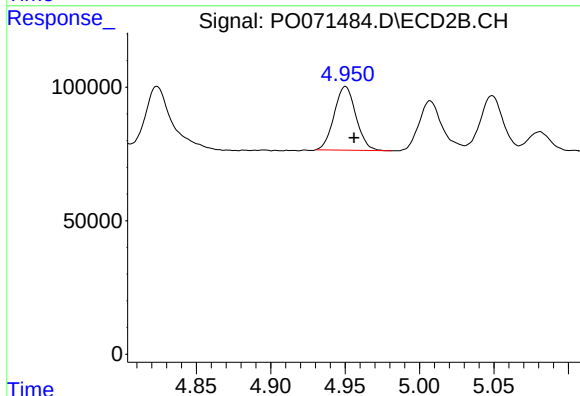
R.T.: 4.765 min
Delta R.T.: -0.005 min
Response: 476149
Conc: 196.54 ng/ml



#5 AR-1016-3

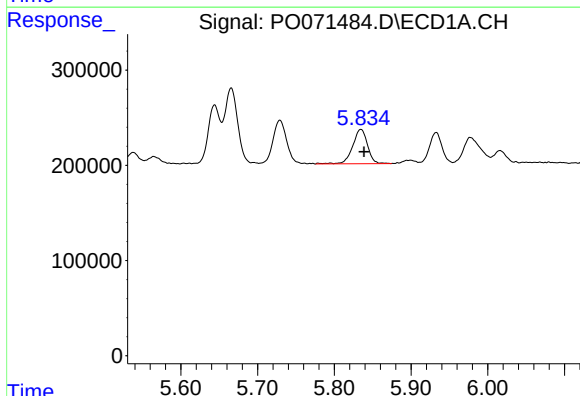
R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 560164
Conc: 220.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



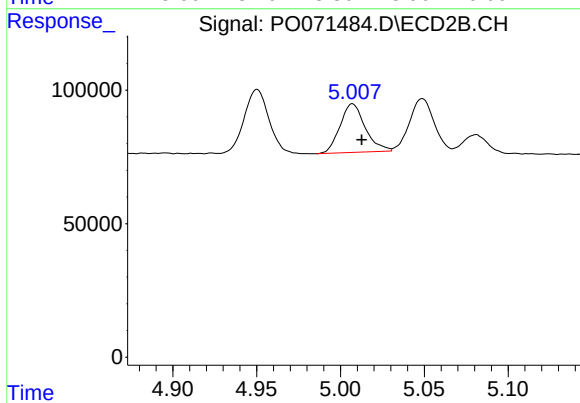
#5 AR-1016-3

R.T.: 4.950 min
Delta R.T.: -0.006 min
Response: 242908
Conc: 191.38 ng/ml



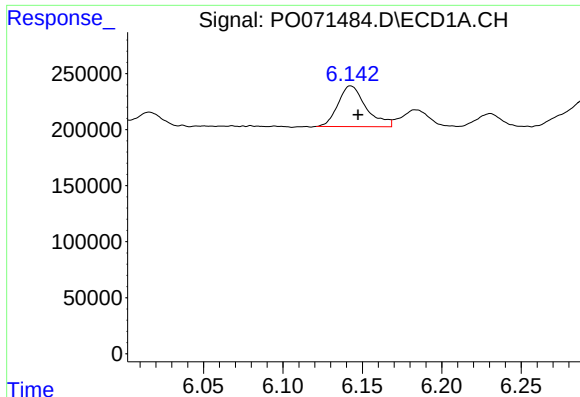
#6 AR-1016-4

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 488796
Conc: 228.36 ng/ml



#6 AR-1016-4

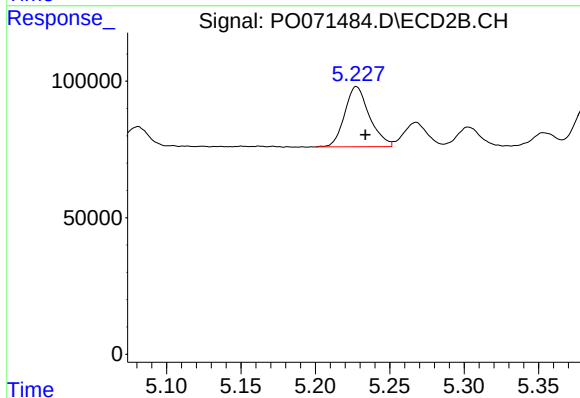
R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 190339
Conc: 180.39 ng/ml



#7 AR-1016-5

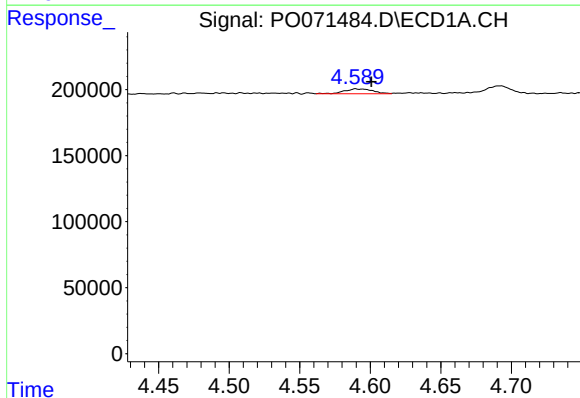
R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 447924
Conc: 218.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



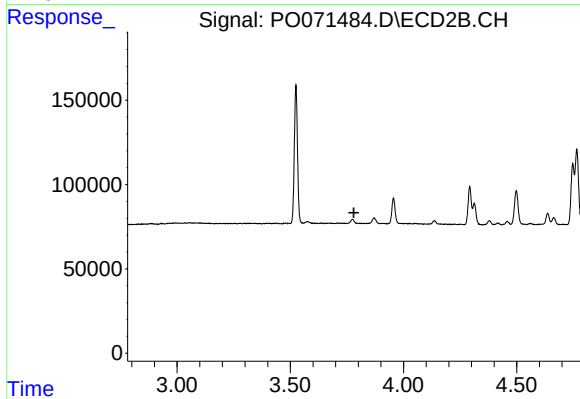
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.006 min
Response: 254558
Conc: 187.16 ng/ml



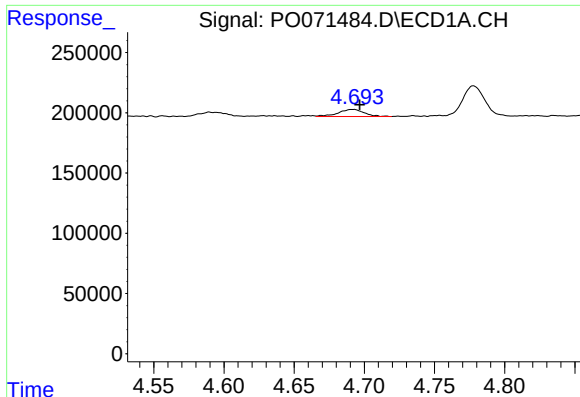
#8 AR-1221-1

R.T.: 4.590 min
Delta R.T.: -0.011 min
Response: 50600
Conc: 69.57 ng/ml



#8 AR-1221-1

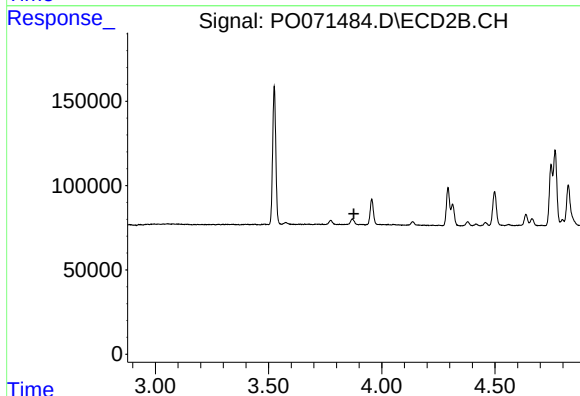
R.T.: 0.000 min
Exp R.T.: 3.781 min
Response: 0
Conc: N.D.



#9 AR-1221-2

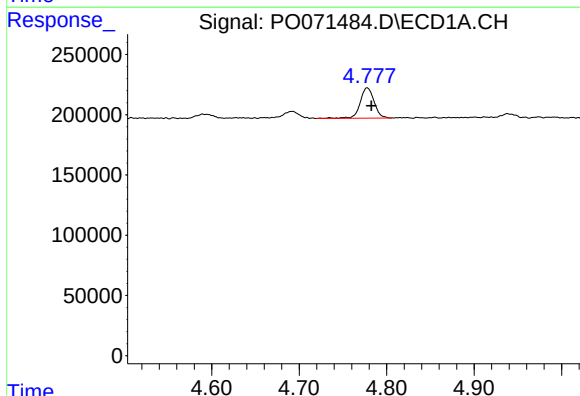
R.T.: 4.692 min
Delta R.T.: -0.005 min
Response: 76600
Conc: 138.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



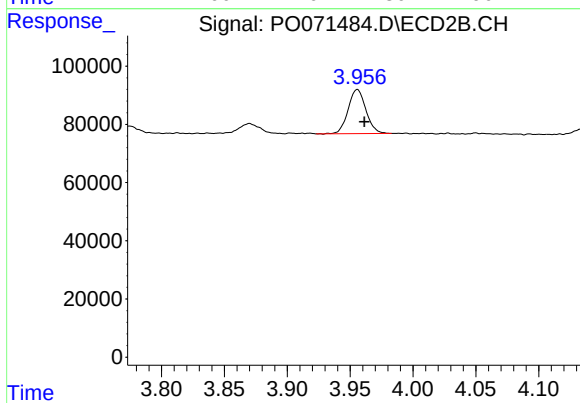
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.877 min
Response: 0
Conc: N.D.



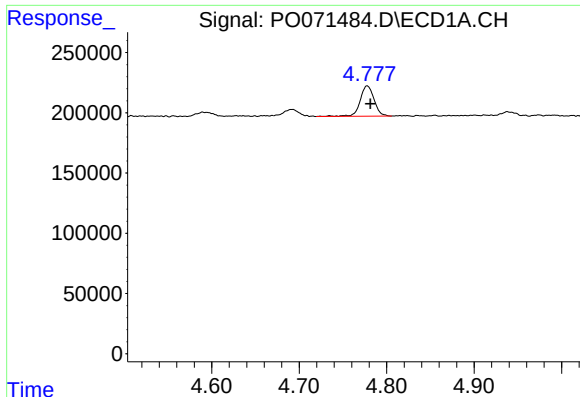
#10 AR-1221-3

R.T.: 4.778 min
Delta R.T.: -0.005 min
Response: 280251
Conc: 154.18 ng/ml



#10 AR-1221-3

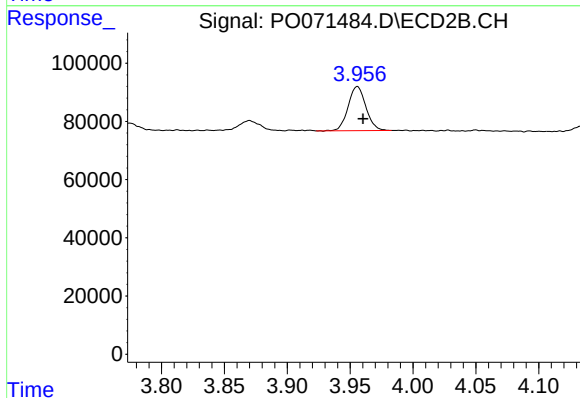
R.T.: 3.956 min
Delta R.T.: -0.006 min
Response: 148967
Conc: 138.47 ng/ml



#11 AR-1232-1

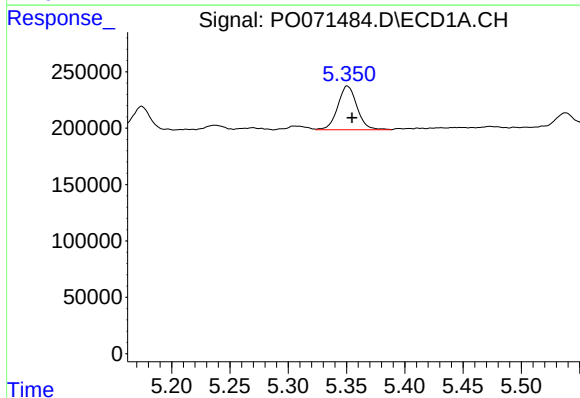
R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 280251
Conc: 187.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



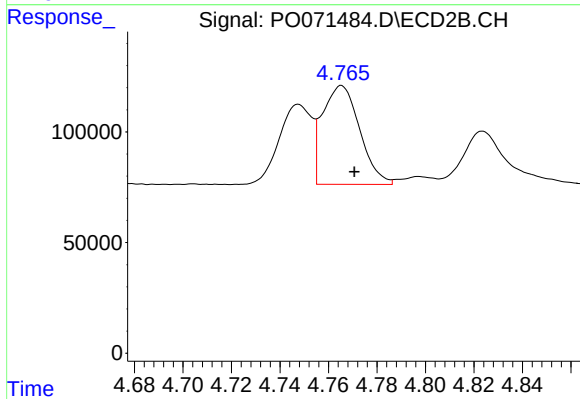
#11 AR-1232-1

R.T.: 3.956 min
Delta R.T.: -0.004 min
Response: 148967
Conc: 163.64 ng/ml



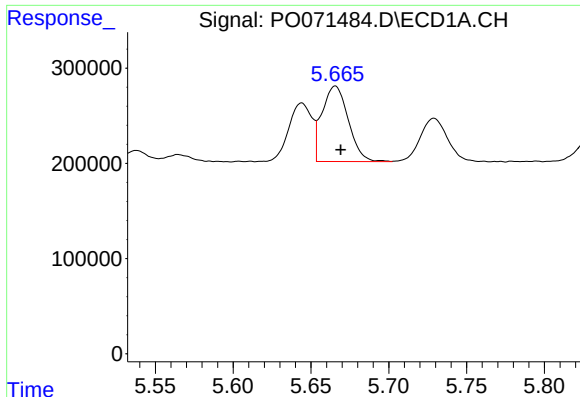
#12 AR-1232-2

R.T.: 5.351 min
Delta R.T.: -0.004 min
Response: 446913
Conc: 549.56 ng/ml



#12 AR-1232-2

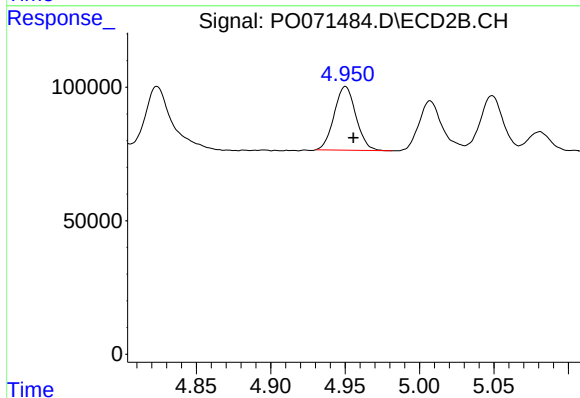
R.T.: 4.765 min
Delta R.T.: -0.005 min
Response: 476149
Conc: 475.61 ng/ml



#13 AR-1232-3

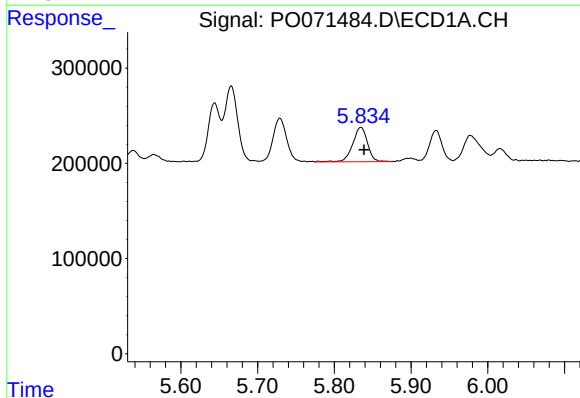
R.T.: 5.666 min
Delta R.T.: -0.004 min
Response: 932210
Conc: 544.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



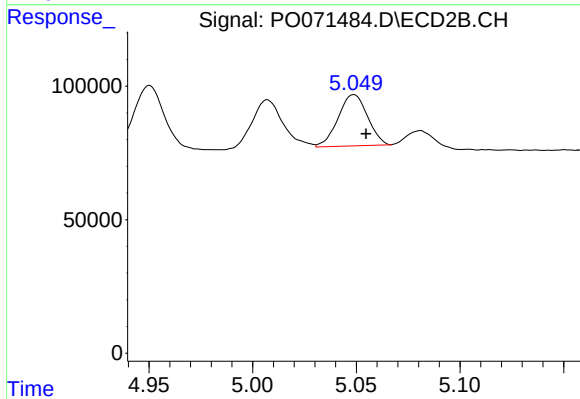
#13 AR-1232-3

R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 242908
Conc: 470.65 ng/ml



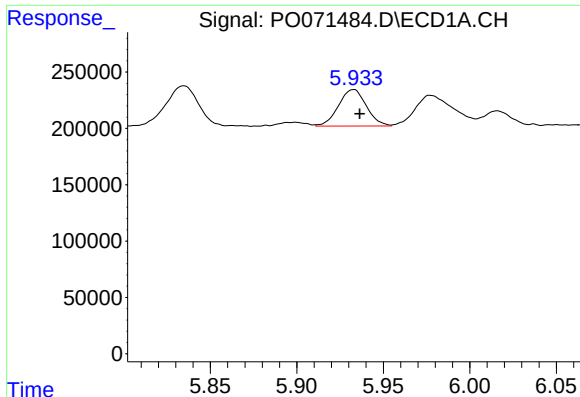
#14 AR-1232-4

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 488796
Conc: 587.67 ng/ml



#14 AR-1232-4

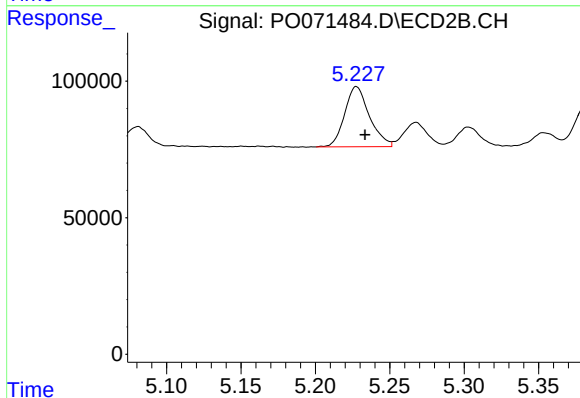
R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 189902
Conc: 431.20 ng/ml



#15 AR-1232-5

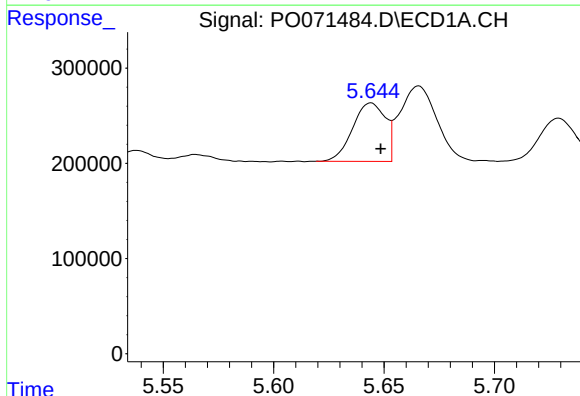
R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 361982
Conc: 626.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



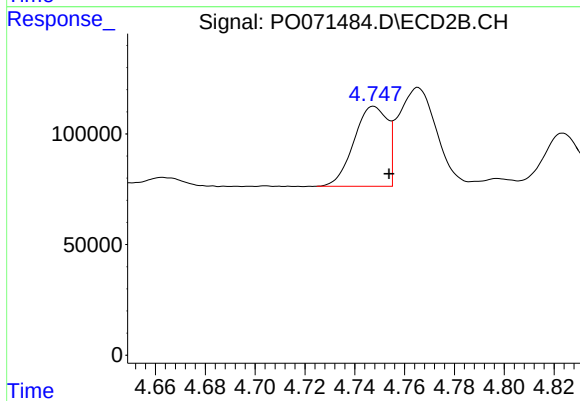
#15 AR-1232-5

R.T.: 5.228 min
Delta R.T.: -0.006 min
Response: 254558
Conc: 490.44 ng/ml



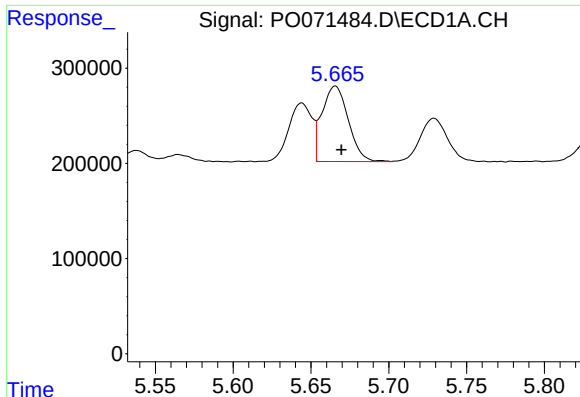
#16 AR-1242-1

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 633691
Conc: 270.77 ng/ml



#16 AR-1242-1

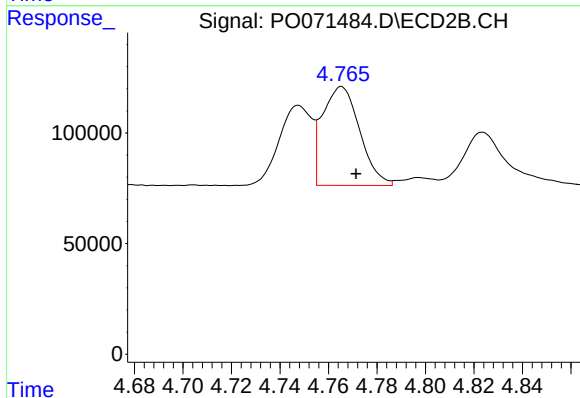
R.T.: 4.748 min
Delta R.T.: -0.006 min
Response: 337423
Conc: 255.09 ng/ml



#17 AR-1242-2

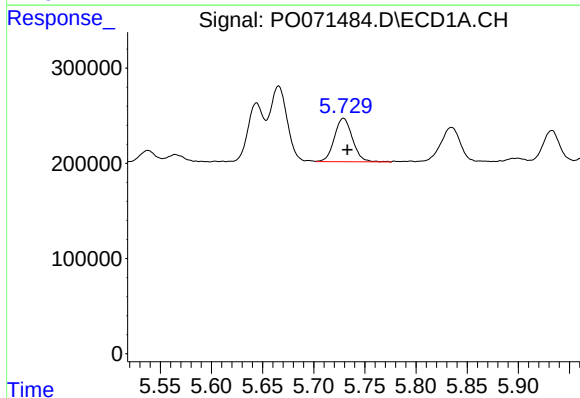
R.T.: 5.666 min
Delta R.T.: -0.004 min
Response: 932210
Conc: 275.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



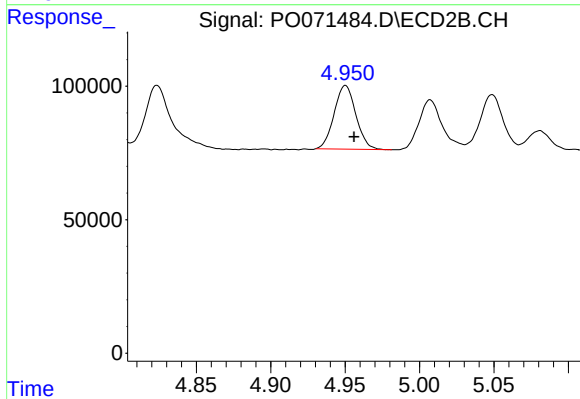
#17 AR-1242-2

R.T.: 4.765 min
Delta R.T.: -0.006 min
Response: 476149
Conc: 258.57 ng/ml



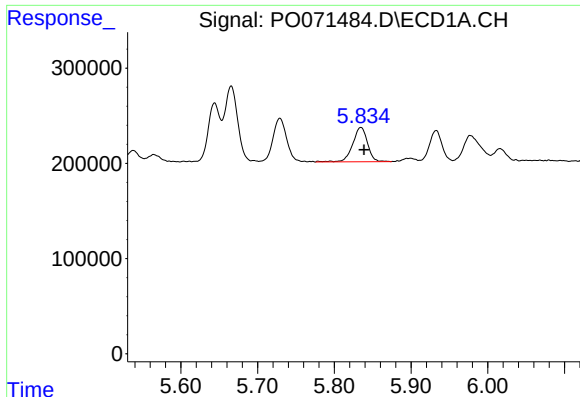
#18 AR-1242-3

R.T.: 5.729 min
Delta R.T.: -0.004 min
Response: 560164
Conc: 276.61 ng/ml



#18 AR-1242-3

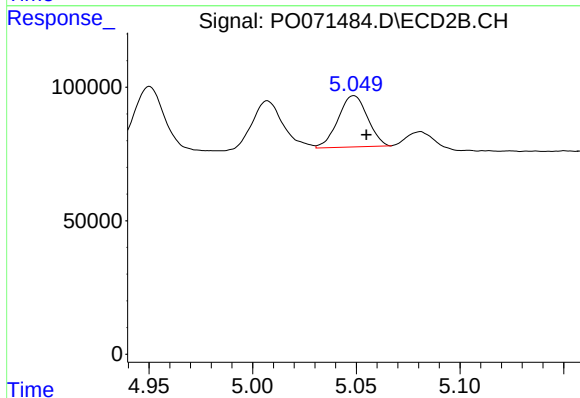
R.T.: 4.950 min
Delta R.T.: -0.006 min
Response: 242908
Conc: 249.25 ng/ml



#19 AR-1242-4

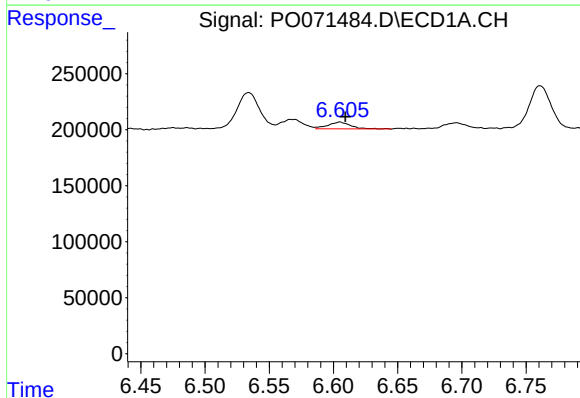
R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 488796
Conc: 288.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



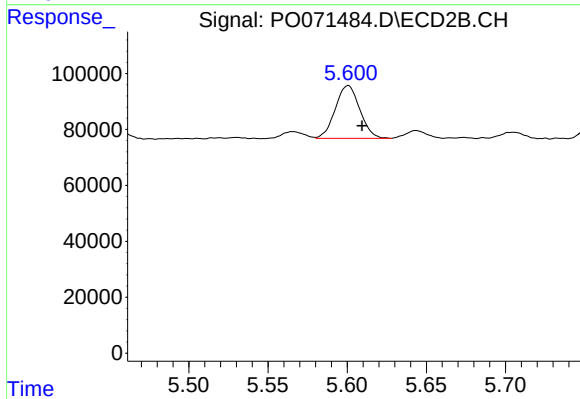
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 189902
Conc: 208.66 ng/ml



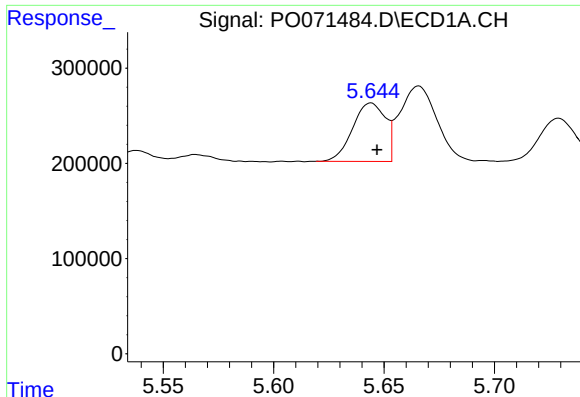
#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 73830
Conc: 33.28 ng/ml



#20 AR-1242-5

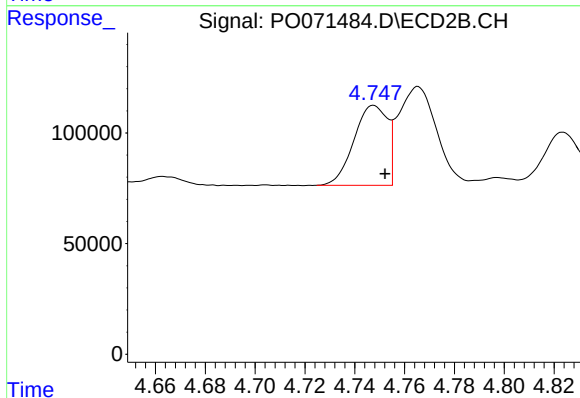
R.T.: 5.601 min
Delta R.T.: -0.009 min
Response: 202804
Conc: 146.54 ng/ml



#21 AR-1248-1

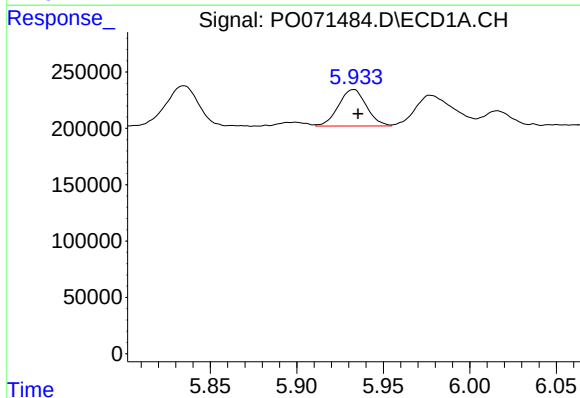
R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 633691
Conc: 376.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



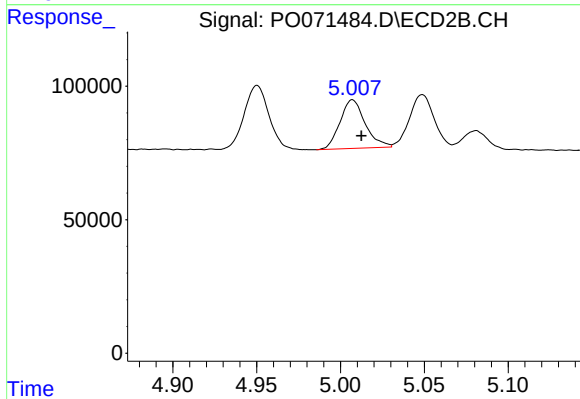
#21 AR-1248-1

R.T.: 4.748 min
Delta R.T.: -0.005 min
Response: 337423
Conc: 343.09 ng/ml



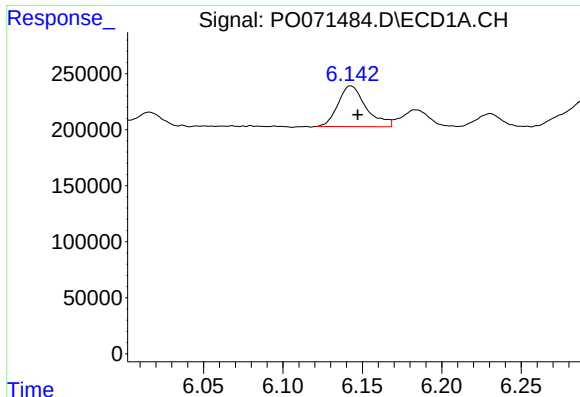
#22 AR-1248-2

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 361982
Conc: 163.95 ng/ml



#22 AR-1248-2

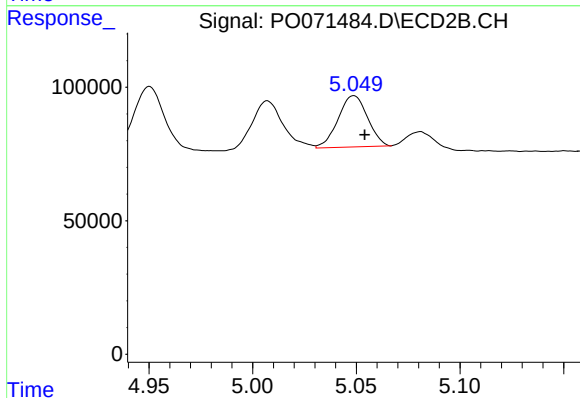
R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 190339
Conc: 145.30 ng/ml



#23 AR-1248-3

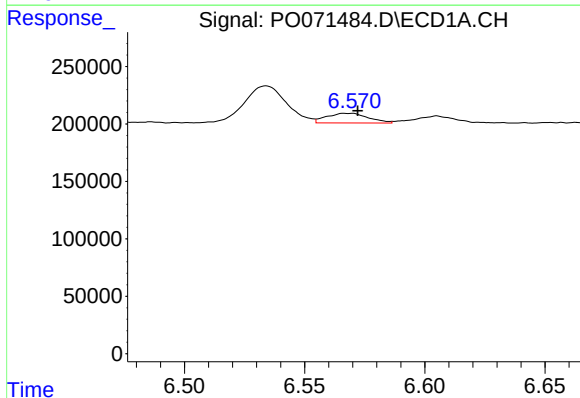
R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 447924
Conc: 170.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



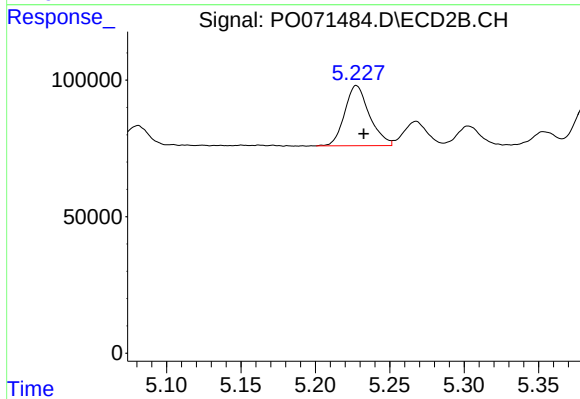
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.005 min
Response: 189902
Conc: 154.67 ng/ml



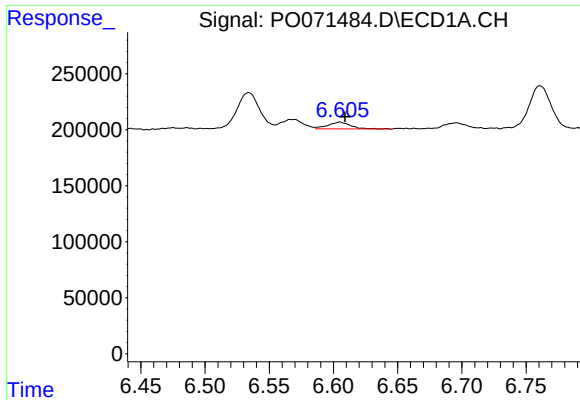
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 101012
Conc: 27.80 ng/ml



#24 AR-1248-4

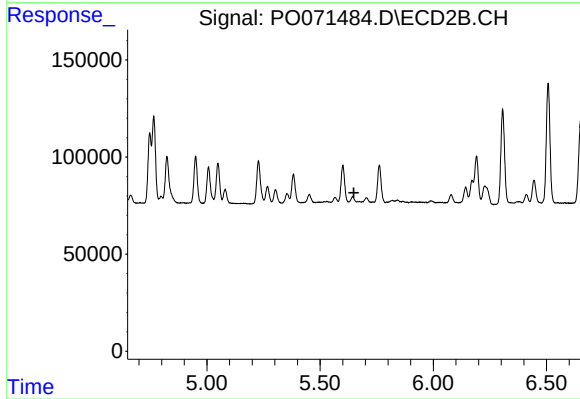
R.T.: 5.228 min
Delta R.T.: -0.005 min
Response: 254558
Conc: 158.75 ng/ml



#25 AR-1248-5

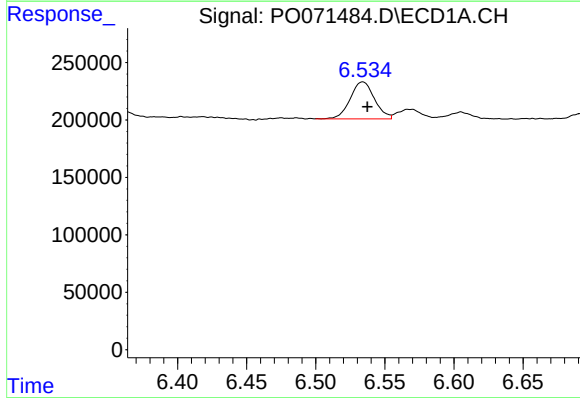
R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 73830
Conc: 22.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



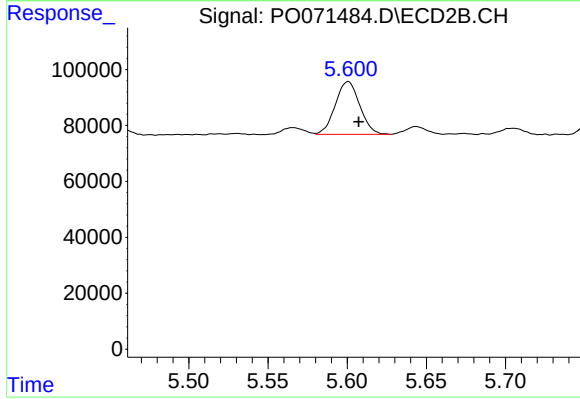
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.649 min
Response: 0
Conc: N.D.



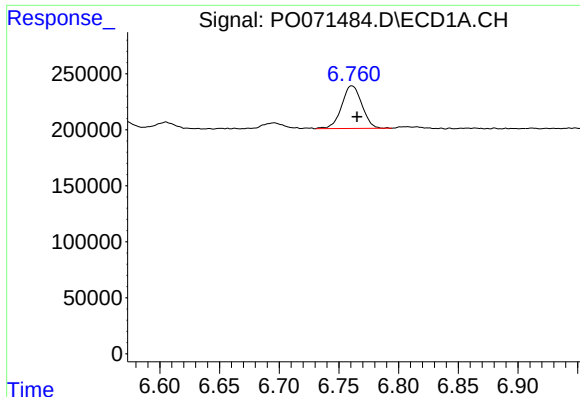
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 393465
Conc: 112.15 ng/ml



#26 AR-1254-1

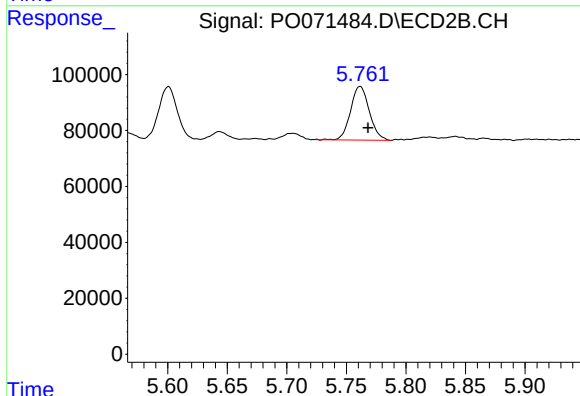
R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 202804
Conc: 76.24 ng/ml



#27 AR-1254-2

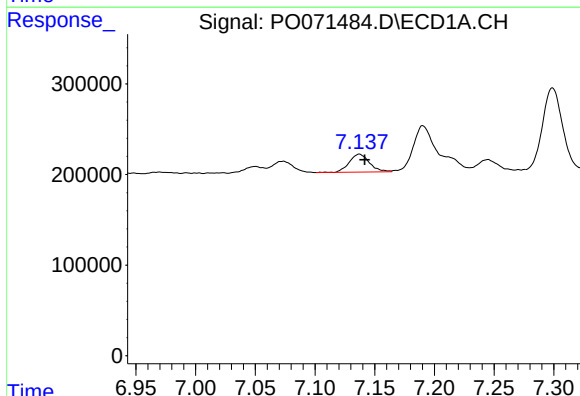
R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 449239
Conc: 78.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



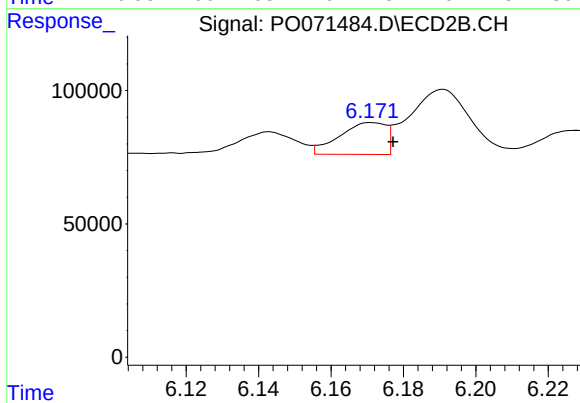
#27 AR-1254-2

R.T.: 5.762 min
Delta R.T.: -0.006 min
Response: 210548
Conc: 89.00 ng/ml



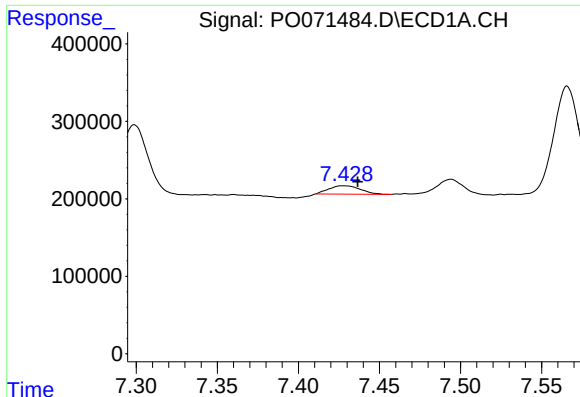
#28 AR-1254-3

R.T.: 7.137 min
Delta R.T.: -0.004 min
Response: 234526
Conc: 39.43 ng/ml



#28 AR-1254-3

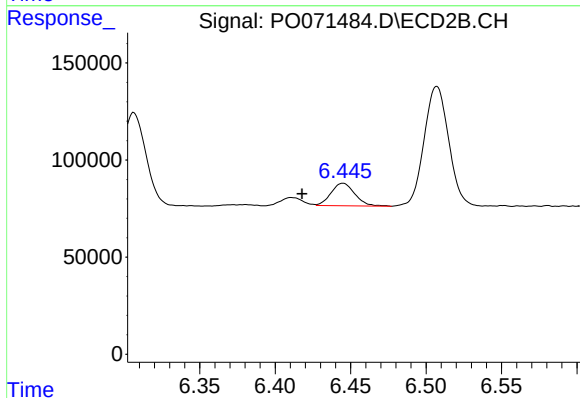
R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 106483
Conc: 27.80 ng/ml



#29 AR-1254-4

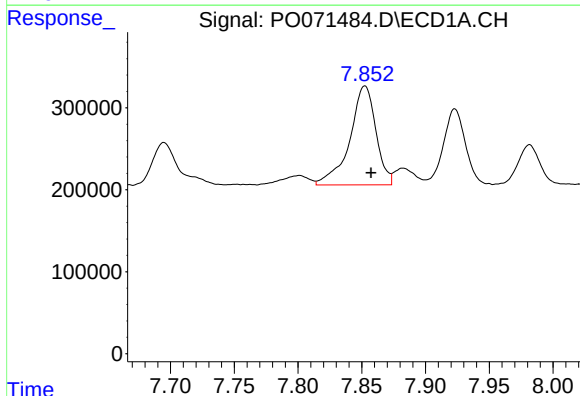
R.T.: 7.428 min
Delta R.T.: -0.009 min
Response: 146168
Conc: 25.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



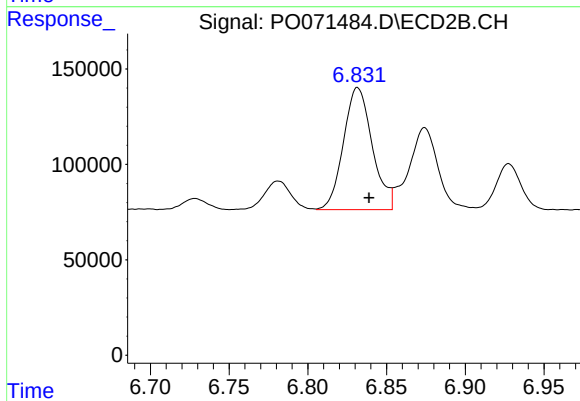
#29 AR-1254-4

R.T.: 6.445 min
Delta R.T.: 0.027 min
Response: 127837
Conc: 46.33 ng/ml



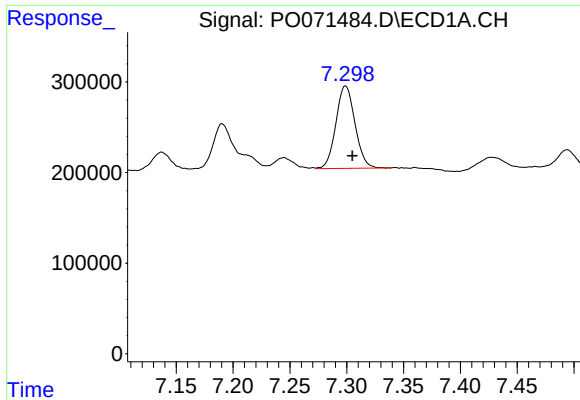
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: -0.005 min
Response: 1726055
Conc: 309.42 ng/ml



#30 AR-1254-5

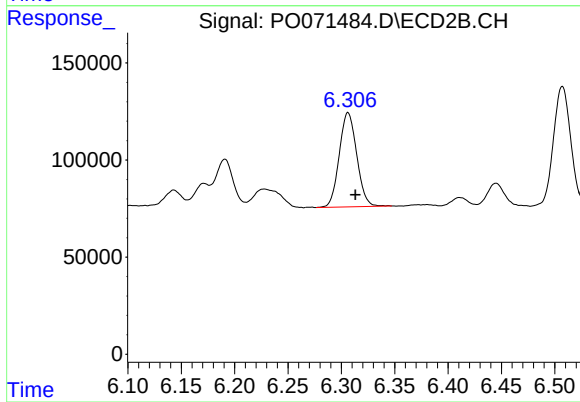
R.T.: 6.832 min
Delta R.T.: -0.007 min
Response: 815894
Conc: 214.89 ng/ml



#31 AR-1260-1

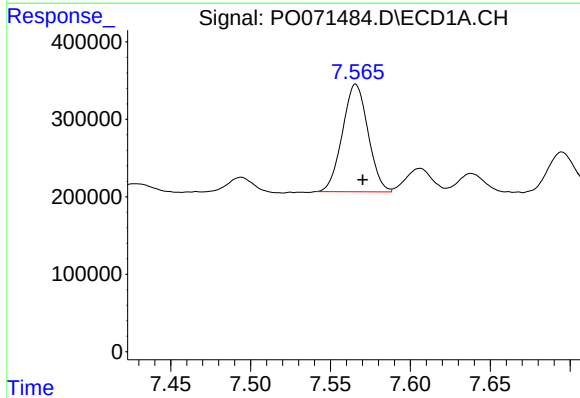
R.T.: 7.299 min
Delta R.T.: -0.006 min
Response: 1064761
Conc: 234.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



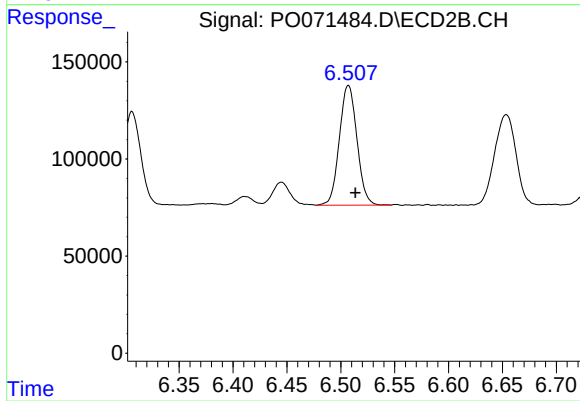
#31 AR-1260-1

R.T.: 6.306 min
Delta R.T.: -0.007 min
Response: 555217
Conc: 199.28 ng/ml



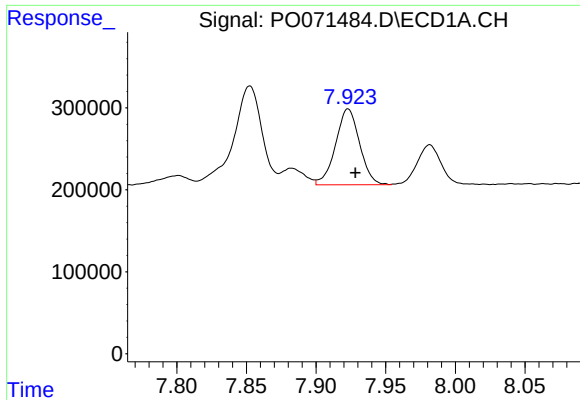
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: -0.004 min
Response: 1550599
Conc: 222.42 ng/ml



#32 AR-1260-2

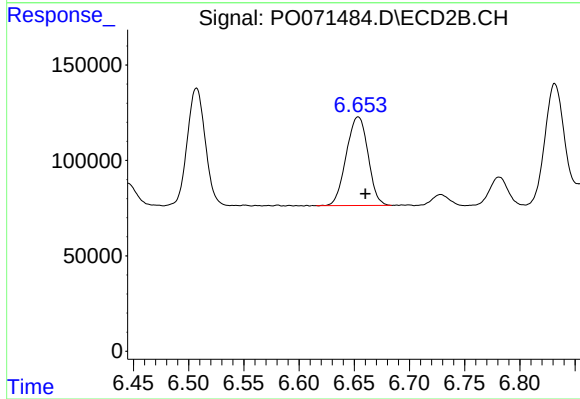
R.T.: 6.507 min
Delta R.T.: -0.007 min
Response: 699086
Conc: 193.40 ng/ml



#33 AR-1260-3

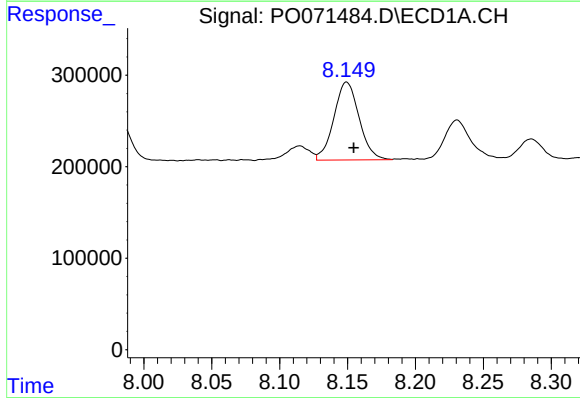
R.T.: 7.923 min
Delta R.T.: -0.005 min
Response: 1111610
Conc: 183.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



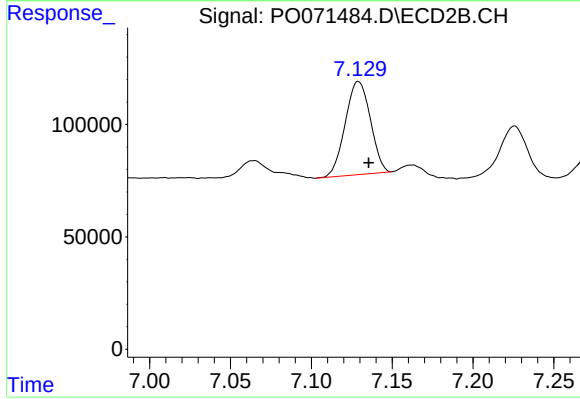
#33 AR-1260-3

R.T.: 6.654 min
Delta R.T.: -0.007 min
Response: 637439
Conc: 197.54 ng/ml



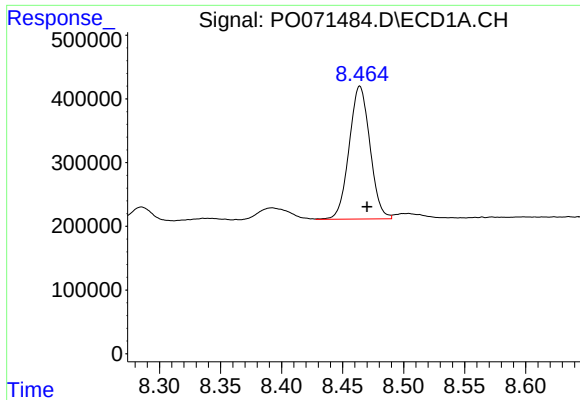
#34 AR-1260-4

R.T.: 8.149 min
Delta R.T.: -0.005 min
Response: 1103947
Conc: 192.85 ng/ml



#34 AR-1260-4

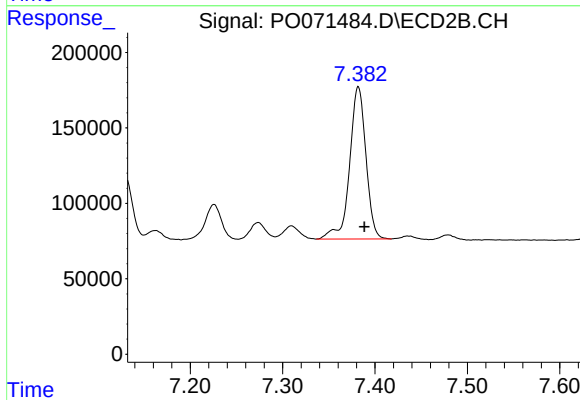
R.T.: 7.129 min
Delta R.T.: -0.006 min
Response: 447559
Conc: 154.50 ng/ml



#35 AR-1260-5

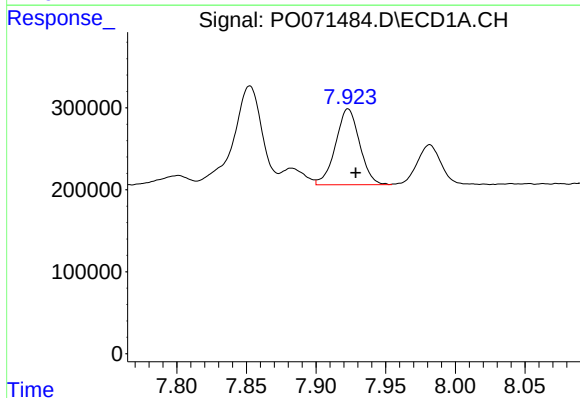
R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 2474293
Conc: 195.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



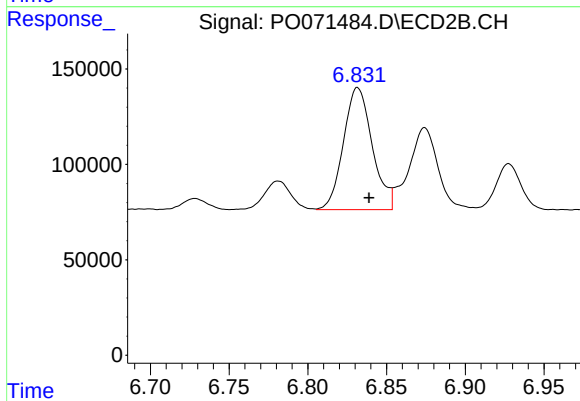
#35 AR-1260-5

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 1238046
Conc: 163.27 ng/ml



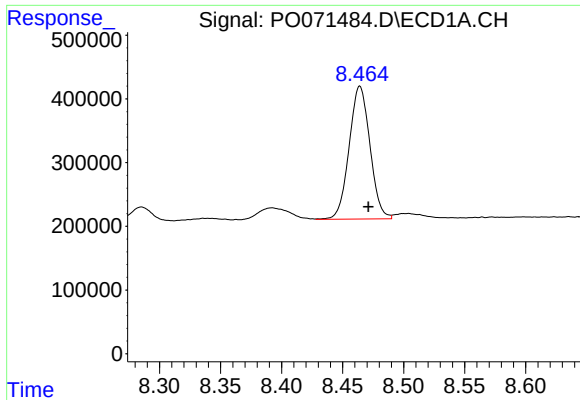
#36 AR-1262-1

R.T.: 7.923 min
Delta R.T.: -0.005 min
Response: 1111610
Conc: 131.03 ng/ml



#36 AR-1262-1

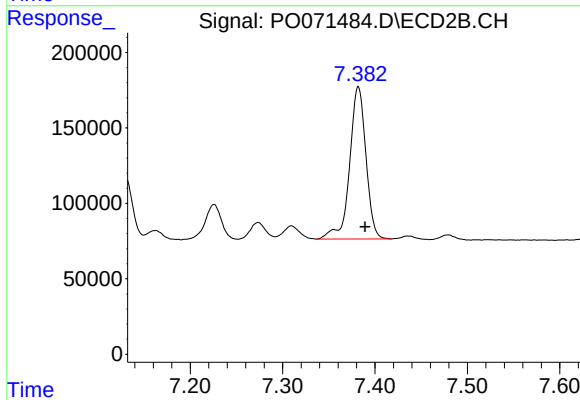
R.T.: 6.832 min
Delta R.T.: -0.007 min
Response: 815894
Conc: 404.43 ng/ml



#37 AR-1262-2

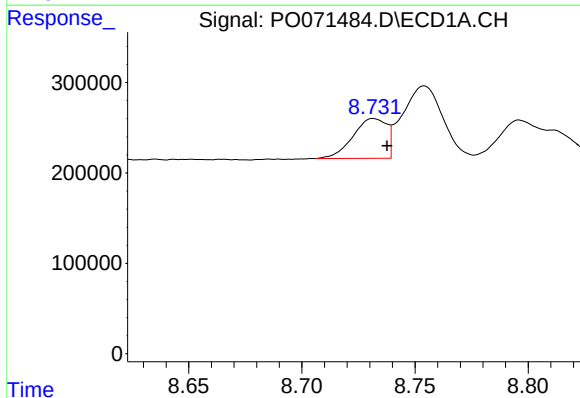
R.T.: 8.464 min
Delta R.T.: -0.007 min
Response: 2474293
Conc: 171.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



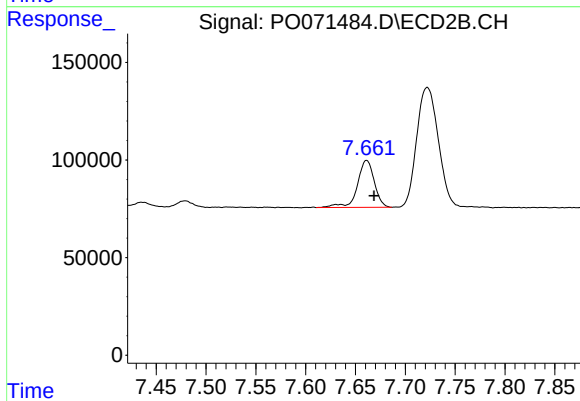
#37 AR-1262-2

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 1238046
Conc: 158.74 ng/ml



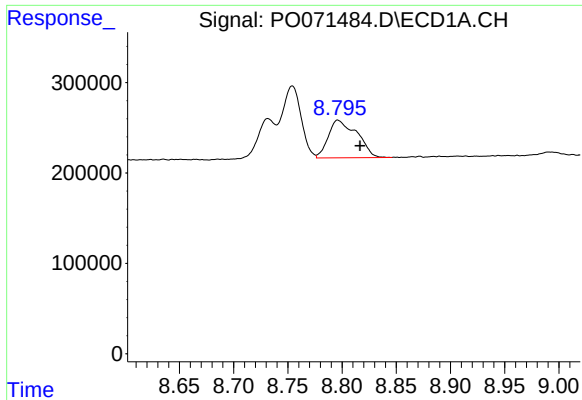
#38 AR-1262-3

R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 456025
Conc: 51.31 ng/ml



#38 AR-1262-3

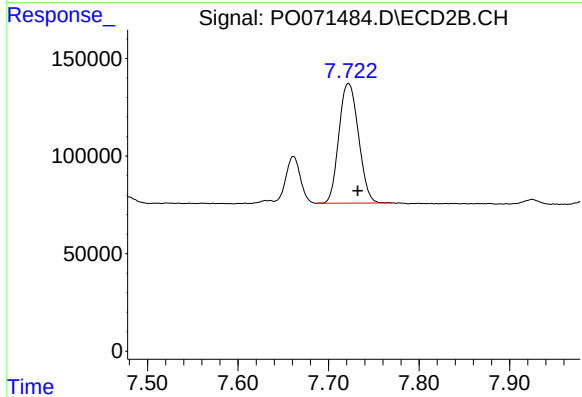
R.T.: 7.661 min
Delta R.T.: -0.007 min
Response: 283982
Conc: 85.11 ng/ml



#39 AR-1262-4

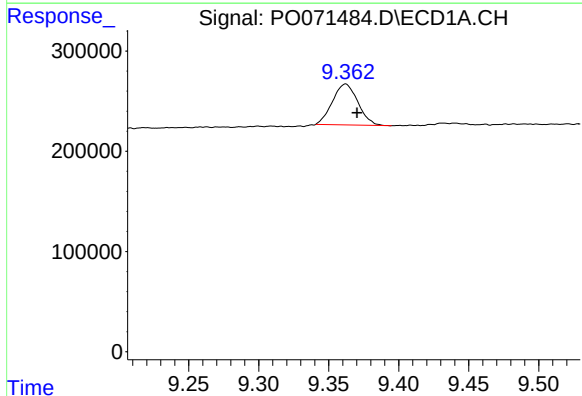
R.T.: 8.796 min
Delta R.T.: -0.020 min
Response: 767120
Conc: 120.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



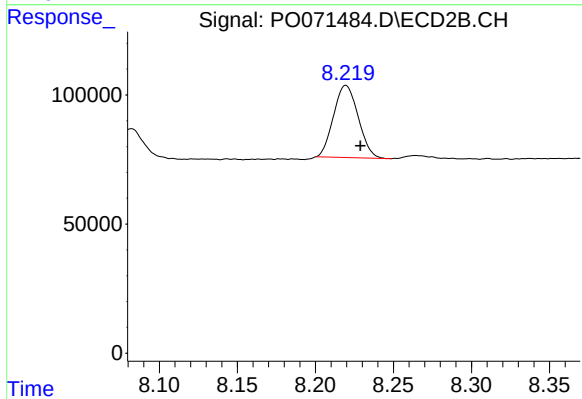
#39 AR-1262-4

R.T.: 7.722 min
Delta R.T.: -0.010 min
Response: 923154
Conc: 159.14 ng/ml



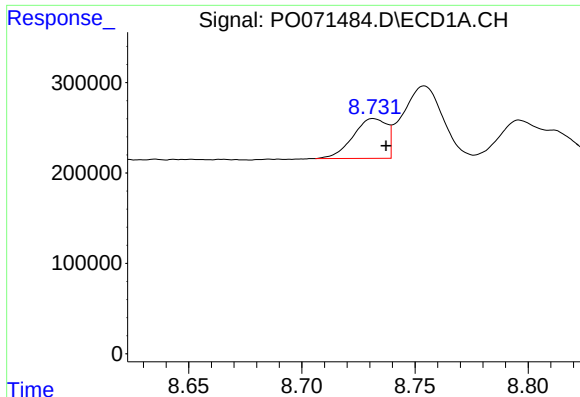
#40 AR-1262-5

R.T.: 9.362 min
Delta R.T.: -0.008 min
Response: 516252
Conc: 114.80 ng/ml



#40 AR-1262-5

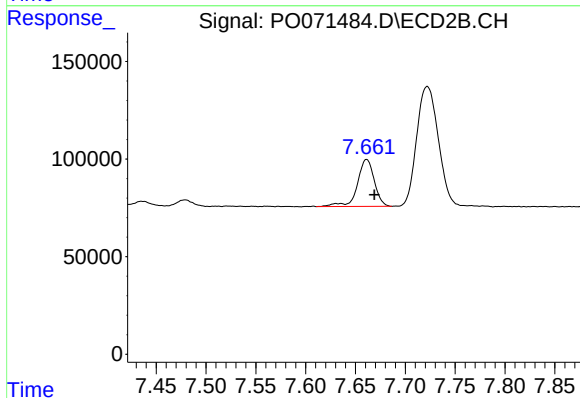
R.T.: 8.220 min
Delta R.T.: -0.009 min
Response: 307723
Conc: 109.53 ng/ml



#41 AR-1268-1

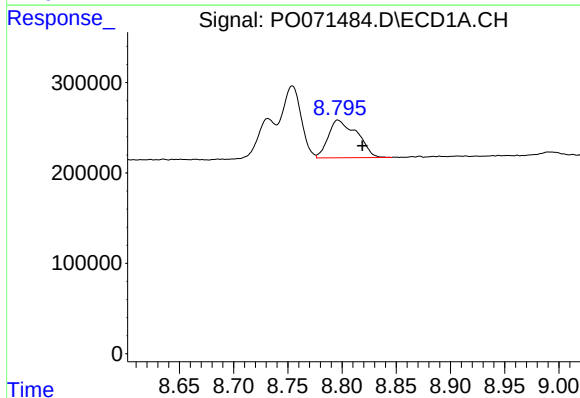
R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 456025
Conc: 26.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



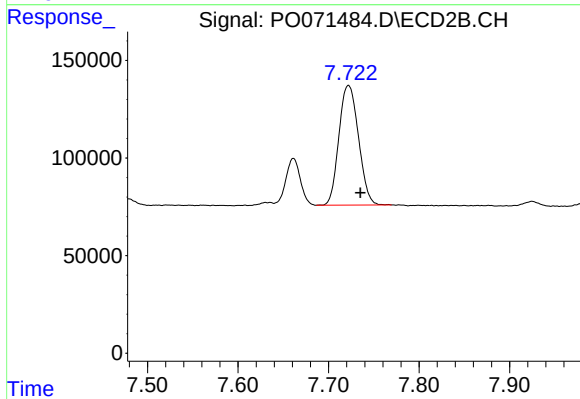
#41 AR-1268-1

R.T.: 7.661 min
Delta R.T.: -0.008 min
Response: 283982
Conc: 28.96 ng/ml



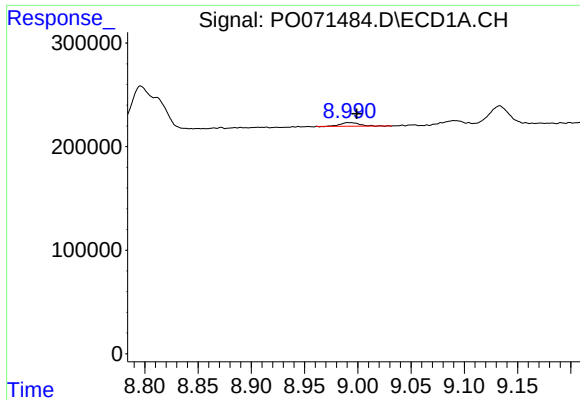
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.022 min
Response: 767120
Conc: 54.87 ng/ml



#42 AR-1268-2

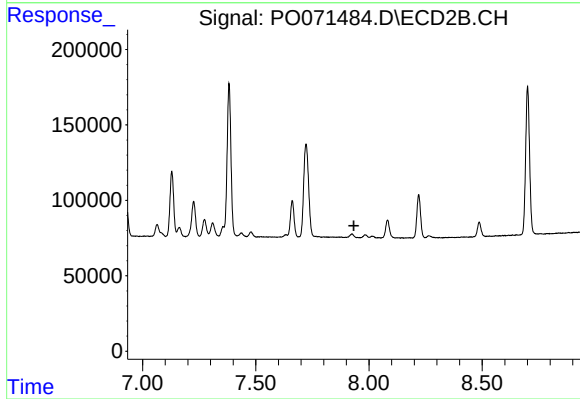
R.T.: 7.722 min
Delta R.T.: -0.013 min
Response: 923154
Conc: 107.58 ng/ml



#43 AR-1268-3

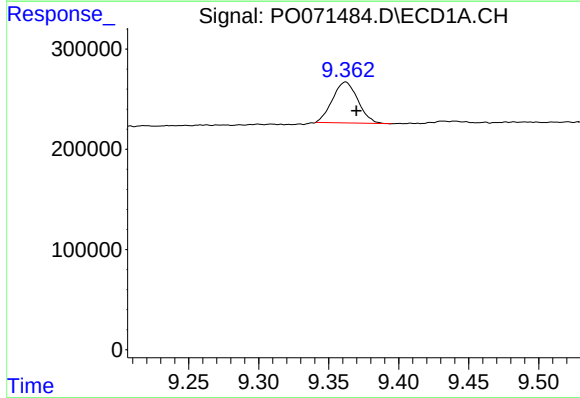
R.T.: 8.991 min
Delta R.T.: -0.008 min
Response: 44172
Conc: 3.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



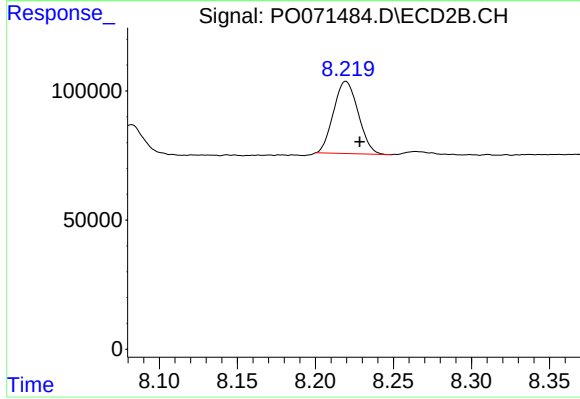
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.933 min
Response: 0
Conc: N.D.



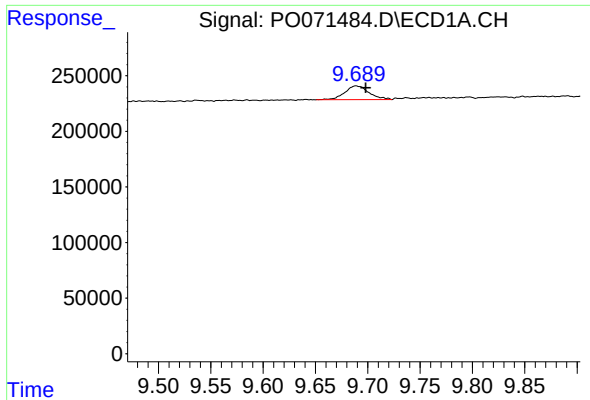
#44 AR-1268-4

R.T.: 9.362 min
Delta R.T.: -0.008 min
Response: 516252
Conc: 100.55 ng/ml



#44 AR-1268-4

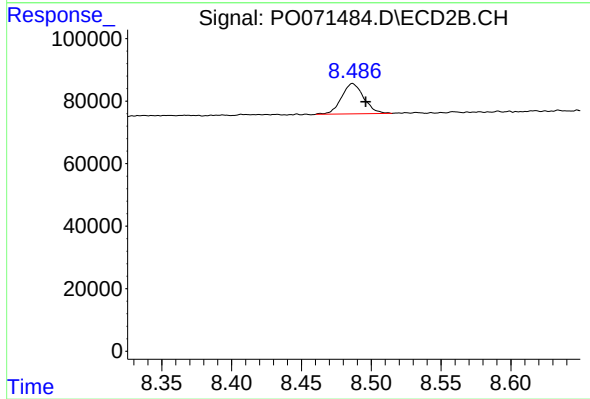
R.T.: 8.220 min
Delta R.T.: -0.009 min
Response: 307723
Conc: 96.85 ng/ml



#45 AR-1268-5

R.T.: 9.689 min
Delta R.T.: -0.009 min
Response: 196664
Conc: 5.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: -0.009 min
Response: 107294
Conc: 4.99 ng/ml