

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082620\
 Data File : P0070867.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Aug 2020 9:02
 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: Aug 26 14:36:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 21 04:17:00 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...	4.370	3.554	3572432	2013283	51.283	50.011
2)	SA Decachlor...	9.997	8.739	4749389	2935996	50.730	52.138
Target Compounds							
3)	L1 AR-1016-1	5.674	4.780	1496537	863349	543.924	500.574
4)	L1 AR-1016-2	5.696	4.798	2130760	1190942	526.116	493.989
5)	L1 AR-1016-3	5.759	4.983	1268176	647087	534.786	521.311
6)	L1 AR-1016-4	5.866	5.040	1072166	552071	541.341	567.239
7)	L1 AR-1016-5	6.174	5.261	1038552	671252	534.684	522.693
8)	L2 AR-1221-1	4.623	3.803	114293	73543	169.983	154.308
9)	L2 AR-1221-2	4.721	3.900	170025	109799	313.955	289.080
10)	L2 AR-1221-3	4.808	3.986	659088	402315	369.946	349.739
11)	L3 AR-1232-1	4.808	3.986	659088	402315	450.618	456.909
12)	L3 AR-1232-2	5.381	4.798	977915	1190942	1183.994	1203.546
13)	L3 AR-1232-3	5.696	4.983	2130760	647087	1328.274	1208.690
14)	L3 AR-1232-4	5.866	5.082	1072166	586847	1358.231	1379.629
15)	L3 AR-1232-5	5.963	5.261	835115	671252	1624.895	1359.358
16)	L4 AR-1242-1	5.674	4.780	1496537	863349	699.894	640.949
17)	L4 AR-1242-2	5.696	4.798	2130760	1190942	678.949	627.018
18)	L4 AR-1242-3	5.759	4.983	1268176	647087	670.423	642.771
19)	L4 AR-1242-4	5.866	5.082	1072166	586847	663.299	654.820
20)	L4 AR-1242-5	6.636	5.635	277838	526859	132.788	389.391 #
21)	L5 AR-1248-1	5.674	4.780	1496537	863349	899.456	825.204
22)	L5 AR-1248-2	5.963	5.040	835115	552071	397.725	408.251
23)	L5 AR-1248-3	6.174	5.082	1038552	586847	415.026	461.952
24)	L5 AR-1248-4	6.599	5.261	298868	671252	85.176	408.509 #
25)	L5 AR-1248-5	6.636	5.678	277838	92903	85.154	53.283 #
26)	L6 AR-1254-1	6.566	5.635	790309	526859	236.441	190.094
27)	L6 AR-1254-2	6.793	5.796	985584	477814	187.258	192.774
28)	L6 AR-1254-3	7.169	6.206	520916	283733	95.813	70.994 #
29)	L6 AR-1254-4	7.462	6.446	481440	181848	92.866	60.617 #
30)	L6 AR-1254-5	7.884	6.867	3318992	1849961	627.661	468.144 #
31)	L7 AR-1260-1	7.332	6.342	2084704	1321460	505.711	499.341
32)	L7 AR-1260-2	7.598	6.542	3183542	1770890	512.170	482.577
33)	L7 AR-1260-3	7.955	6.690	2662167	1502868	496.768	484.084
34)	L7 AR-1260-4	8.182	7.166	2446910	1360403	480.637	487.867
35)	L7 AR-1260-5	8.497	7.418	5639369	3661584	473.337	467.727
36)	L8 AR-1262-1	7.955	6.867	2662167	1849961	347.971	886.069 #
37)	L8 AR-1262-2	8.497	7.418	5639369	3661584	434.388	427.599
38)	L8 AR-1262-3	8.766	7.698	1305305	877509	232.487	247.416
39)	L8 AR-1262-4	8.831	7.759	2058885	2552395	634.219	419.410 #
40)	L8 AR-1262-5	9.401	8.258	1449209	961361	328.597	320.476
41)	L9 AR-1268-1	8.766	7.698	1305305	877509	83.493	82.114

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

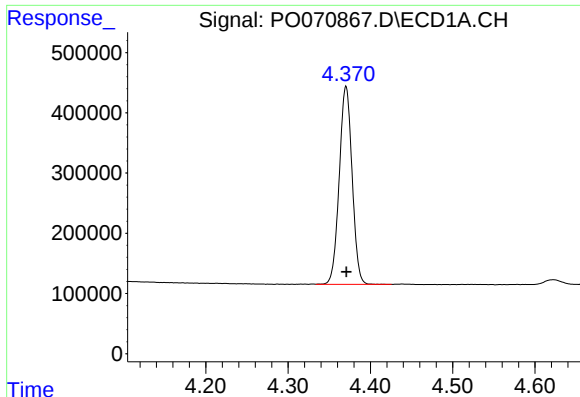
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 14:36:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082020.M
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Volume Inj. : 2 µl
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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	8.831	7.759	2058885	2552395	154.202	282.068 #
43) L9	AR-1268-3	9.029	7.962	87903	60650	7.637	7.847
44) L9	AR-1268-4	9.401	8.258	1449209	961361	285.713	280.074
45) L9	AR-1268-5	9.734	8.525	359740	249762	10.640	11.031

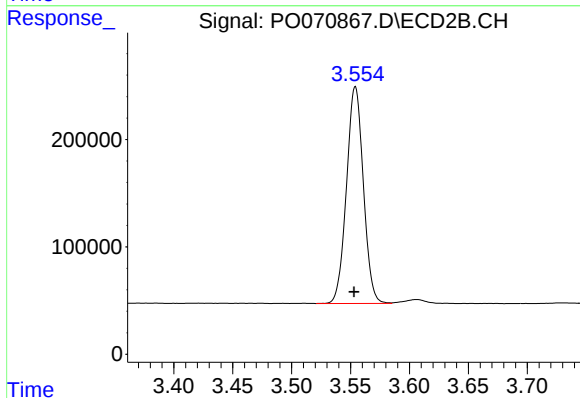
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

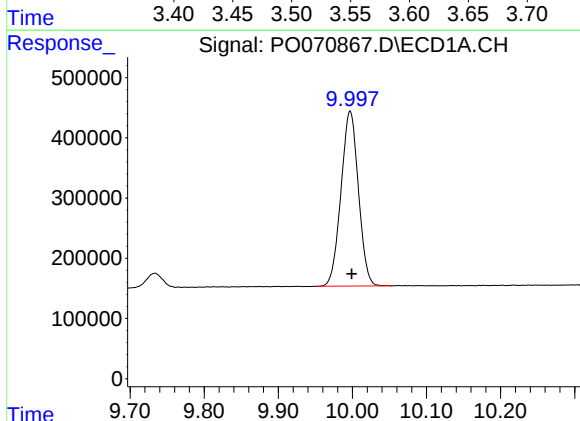
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 3572432
Conc: 51.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



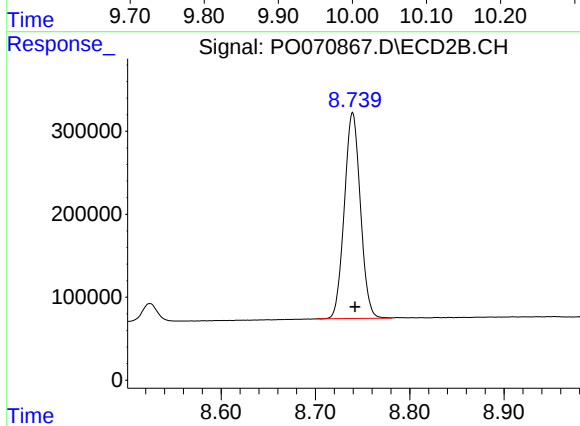
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.001 min
Response: 2013283
Conc: 50.01 ng/ml



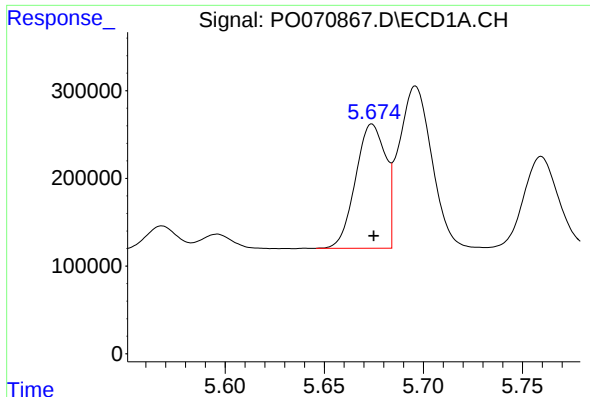
#2 Decachlorobiphenyl

R.T.: 9.997 min
Delta R.T.: -0.002 min
Response: 4749389
Conc: 50.73 ng/ml



#2 Decachlorobiphenyl

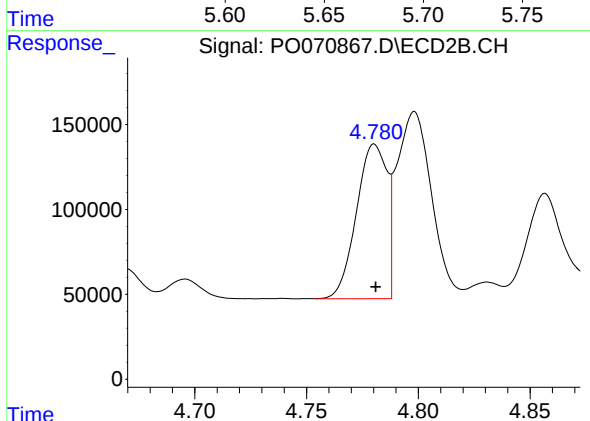
R.T.: 8.739 min
Delta R.T.: -0.003 min
Response: 2935996
Conc: 52.14 ng/ml



#3 AR-1016-1

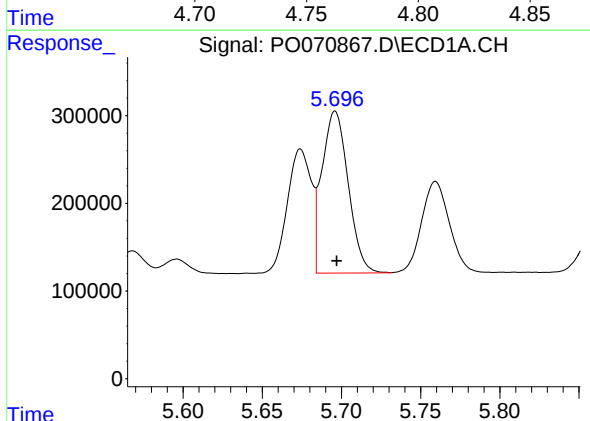
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 1496537
Conc: 543.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



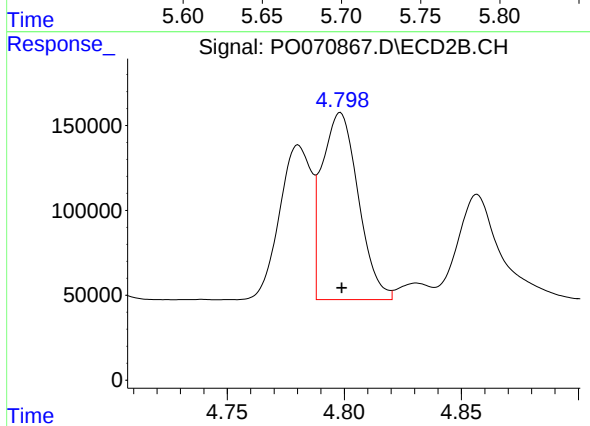
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 863349
Conc: 500.57 ng/ml



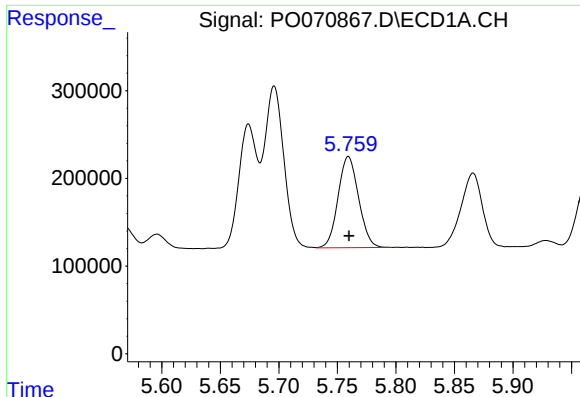
#4 AR-1016-2

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 2130760
Conc: 526.12 ng/ml



#4 AR-1016-2

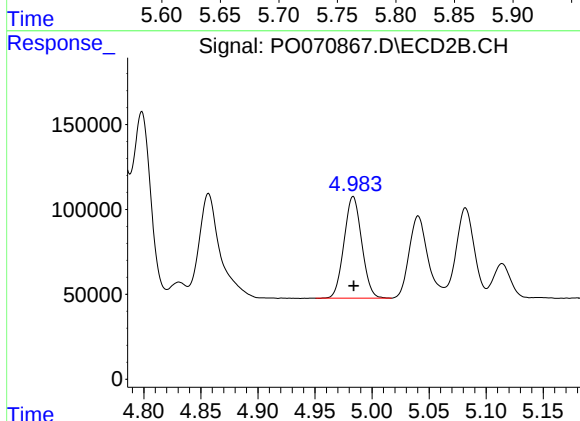
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 1190942
Conc: 493.99 ng/ml



#5 AR-1016-3

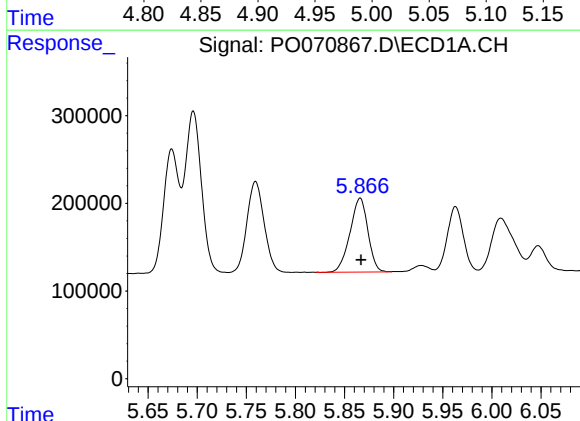
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 1268176
Conc: 534.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



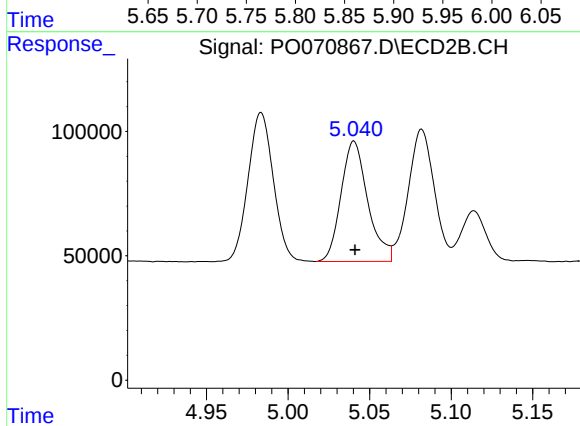
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 647087
Conc: 521.31 ng/ml



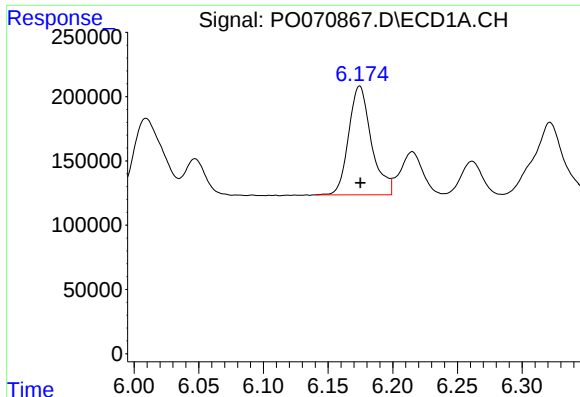
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 1072166
Conc: 541.34 ng/ml



#6 AR-1016-4

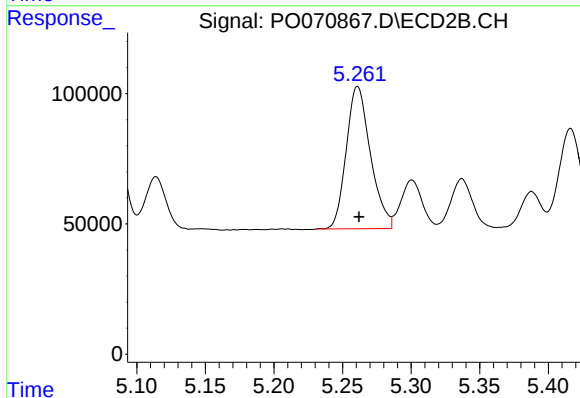
R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 552071
Conc: 567.24 ng/ml



#7 AR-1016-5

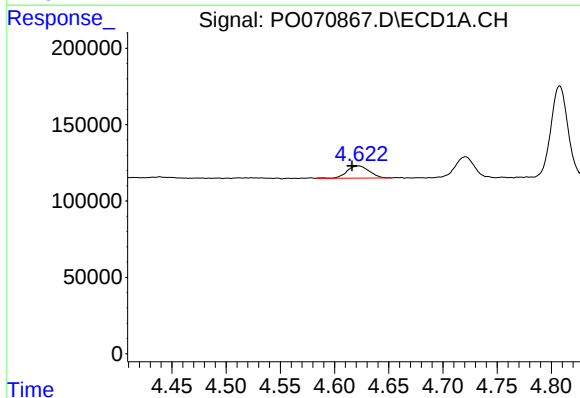
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1038552
Conc: 534.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



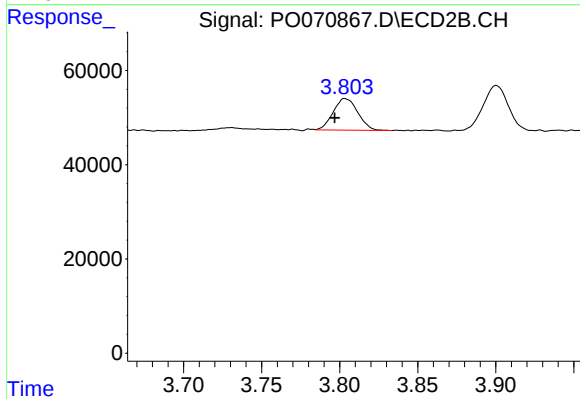
#7 AR-1016-5

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 671252
Conc: 522.69 ng/ml



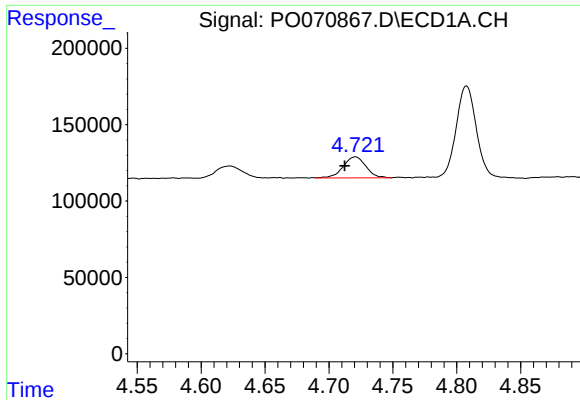
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: 0.006 min
Response: 114293
Conc: 169.98 ng/ml



#8 AR-1221-1

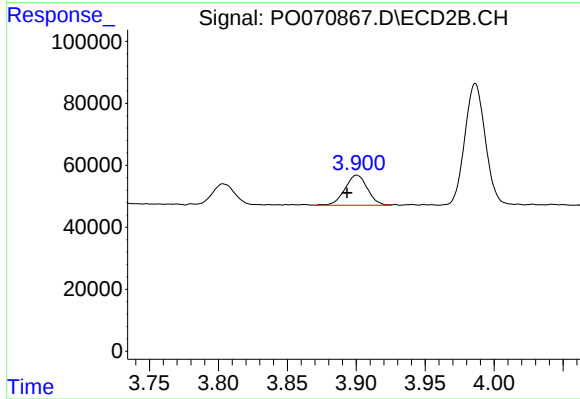
R.T.: 3.803 min
Delta R.T.: 0.006 min
Response: 73543
Conc: 154.31 ng/ml



#9 AR-1221-2

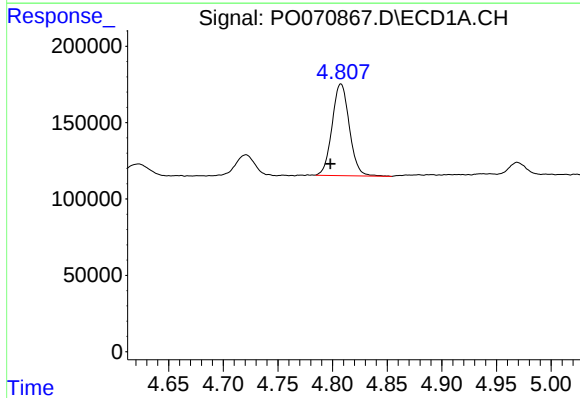
R.T.: 4.721 min
Delta R.T.: 0.009 min
Response: 170025
Conc: 313.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



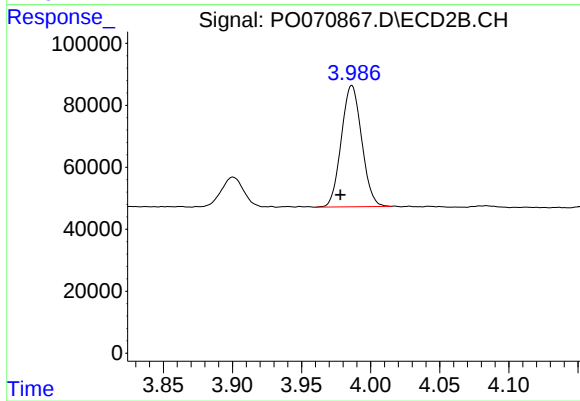
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: 0.007 min
Response: 109799
Conc: 289.08 ng/ml



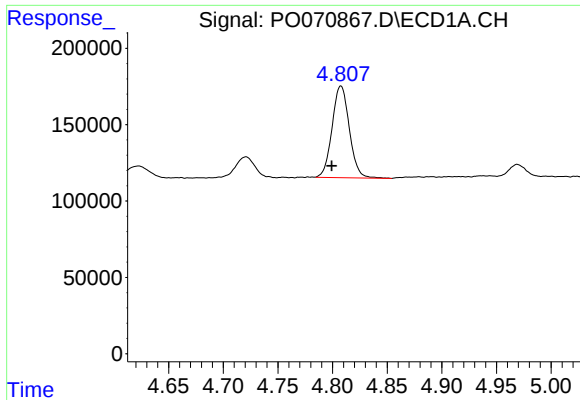
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: 0.010 min
Response: 659088
Conc: 369.95 ng/ml



#10 AR-1221-3

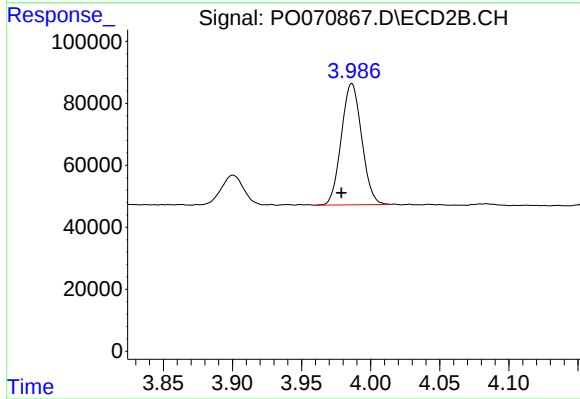
R.T.: 3.986 min
Delta R.T.: 0.008 min
Response: 402315
Conc: 349.74 ng/ml



#11 AR-1232-1

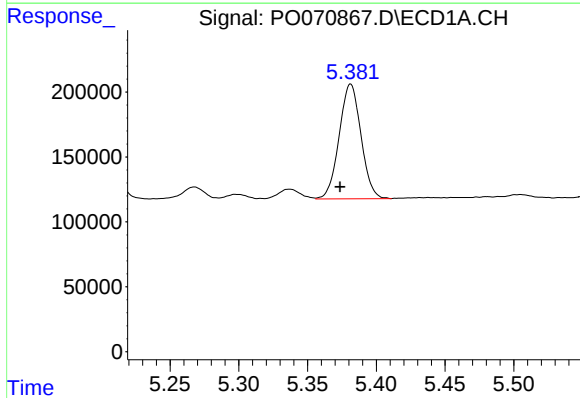
R.T.: 4.808 min
Delta R.T.: 0.008 min
Response: 659088
Conc: 450.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



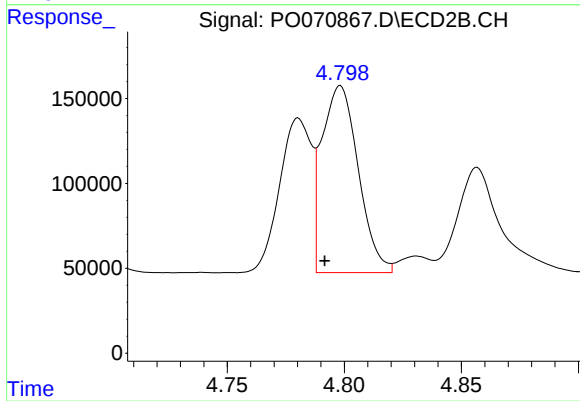
#11 AR-1232-1

R.T.: 3.986 min
Delta R.T.: 0.007 min
Response: 402315
Conc: 456.91 ng/ml



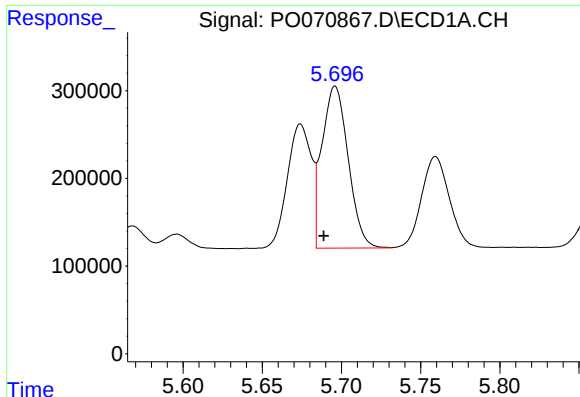
#12 AR-1232-2

R.T.: 5.381 min
Delta R.T.: 0.008 min
Response: 977915
Conc: 1183.99 ng/ml



#12 AR-1232-2

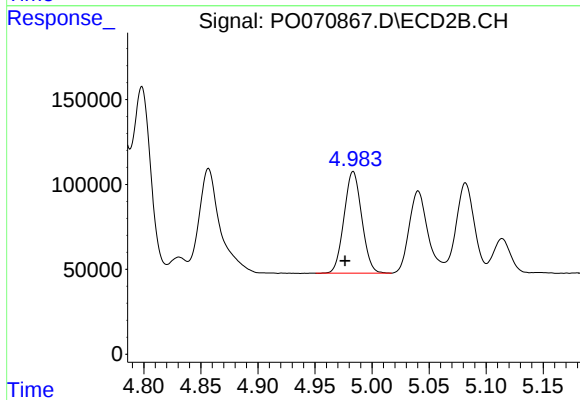
R.T.: 4.798 min
Delta R.T.: 0.007 min
Response: 1190942
Conc: 1203.55 ng/ml



#13 AR-1232-3

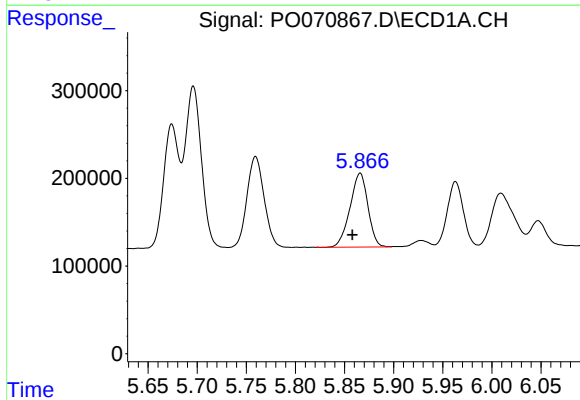
R.T.: 5.696 min
Delta R.T.: 0.007 min
Response: 2130760
Conc: 1328.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



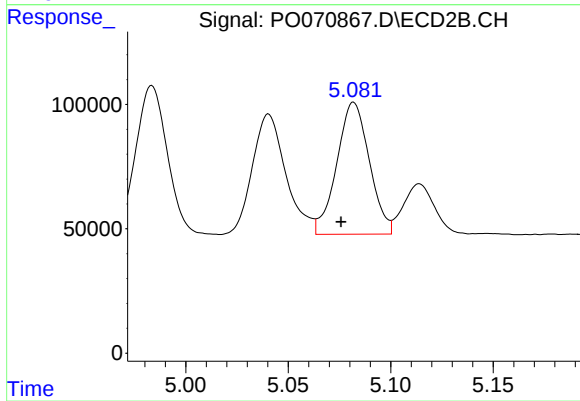
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: 0.007 min
Response: 647087
Conc: 1208.69 ng/ml



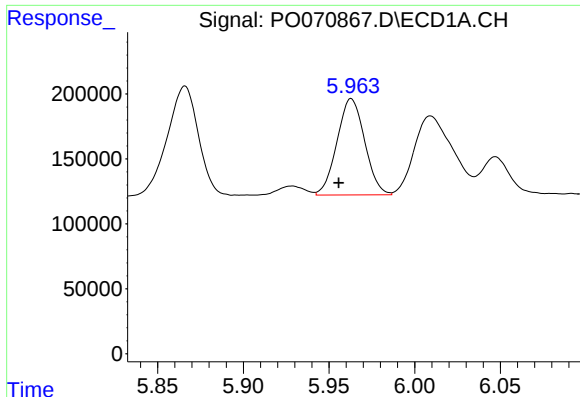
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.008 min
Response: 1072166
Conc: 1358.23 ng/ml



#14 AR-1232-4

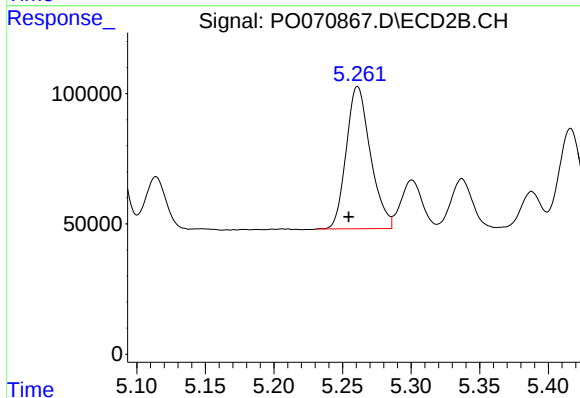
R.T.: 5.082 min
Delta R.T.: 0.006 min
Response: 586847
Conc: 1379.63 ng/ml



#15 AR-1232-5

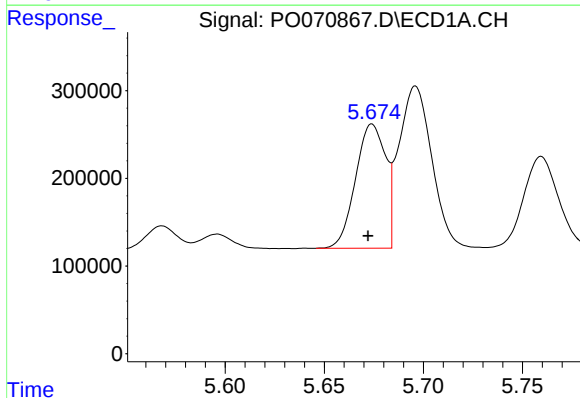
R.T.: 5.963 min
Delta R.T.: 0.007 min
Response: 835115
Conc: 1624.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



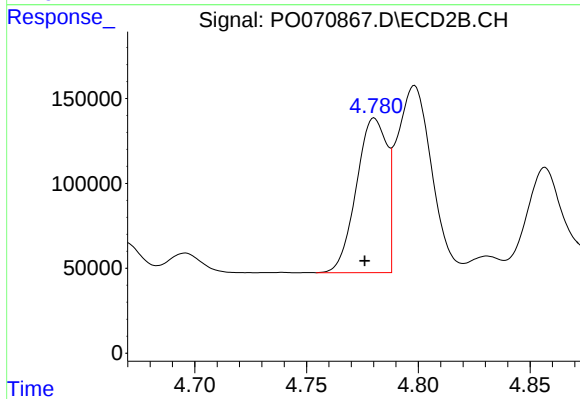
#15 AR-1232-5

R.T.: 5.261 min
Delta R.T.: 0.006 min
Response: 671252
Conc: 1359.36 ng/ml



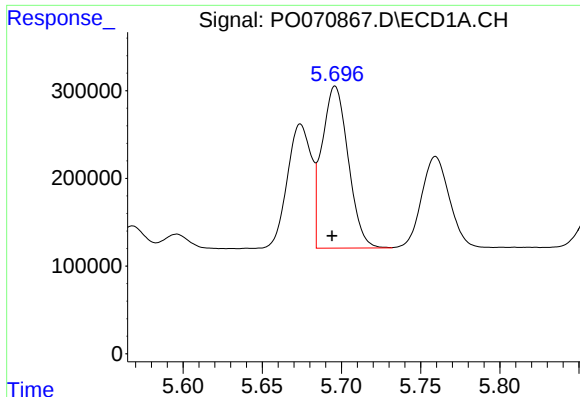
#16 AR-1242-1

R.T.: 5.674 min
Delta R.T.: 0.002 min
Response: 1496537
Conc: 699.89 ng/ml



#16 AR-1242-1

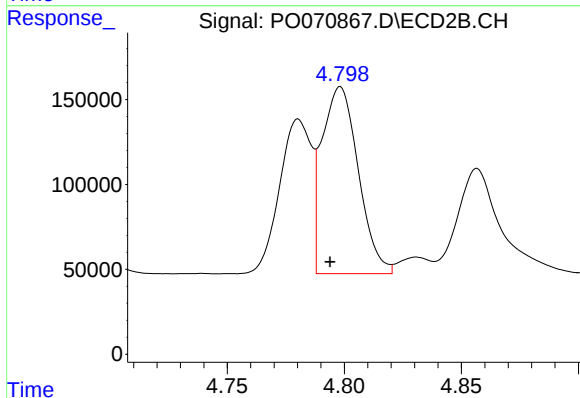
R.T.: 4.780 min
Delta R.T.: 0.004 min
Response: 863349
Conc: 640.95 ng/ml



#17 AR-1242-2

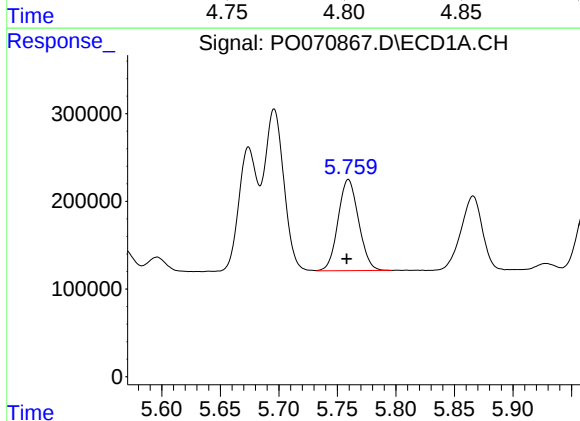
R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 2130760
Conc: 678.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



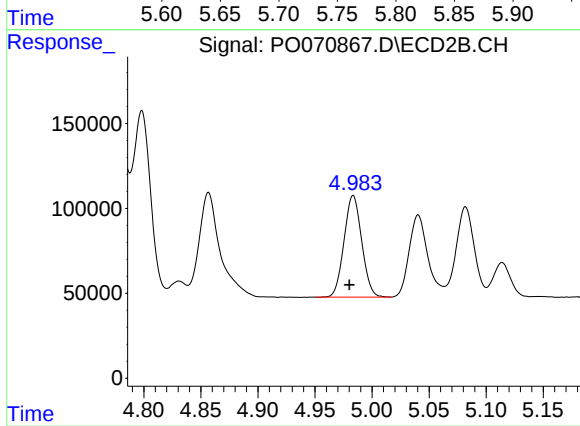
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.004 min
Response: 1190942
Conc: 627.02 ng/ml



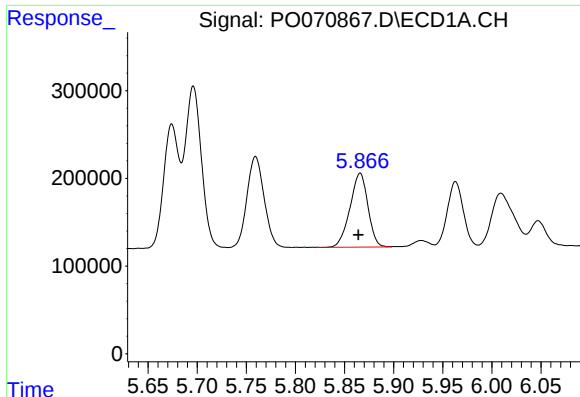
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: 0.001 min
Response: 1268176
Conc: 670.42 ng/ml



#18 AR-1242-3

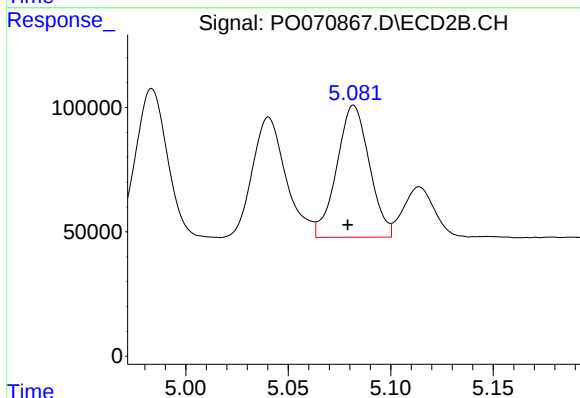
R.T.: 4.983 min
Delta R.T.: 0.003 min
Response: 647087
Conc: 642.77 ng/ml



#19 AR-1242-4

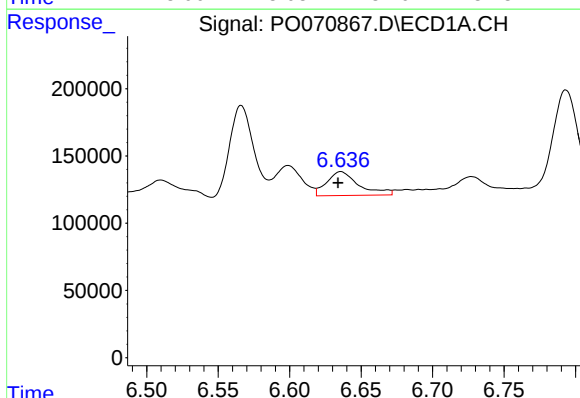
R.T.: 5.866 min
Delta R.T.: 0.002 min
Response: 1072166
Conc: 663.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



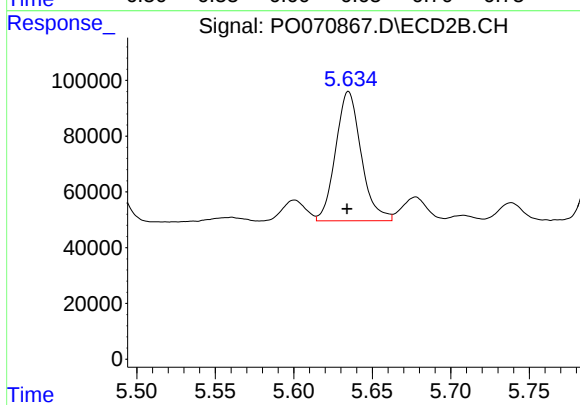
#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: 0.003 min
Response: 586847
Conc: 654.82 ng/ml



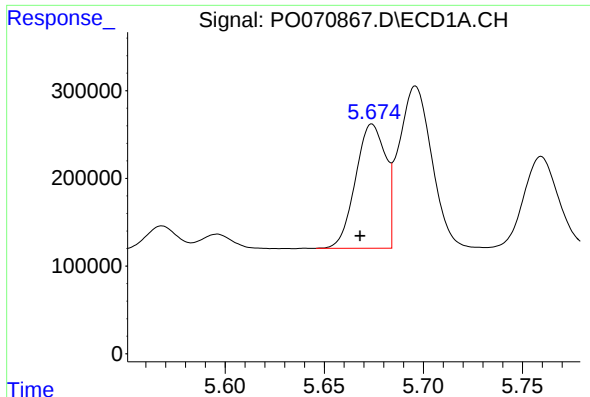
#20 AR-1242-5

R.T.: 6.636 min
Delta R.T.: 0.002 min
Response: 277838
Conc: 132.79 ng/ml



#20 AR-1242-5

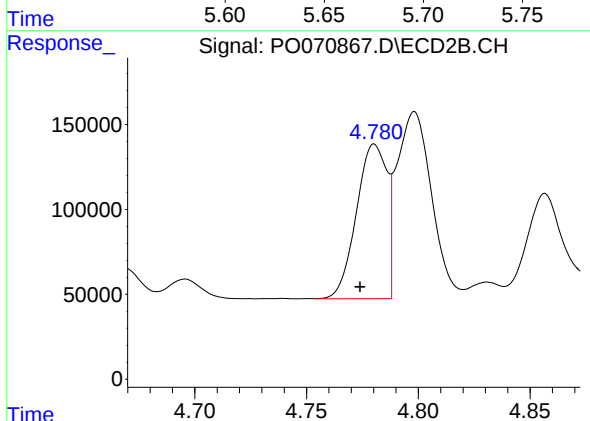
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 526859
Conc: 389.39 ng/ml



#21 AR-1248-1

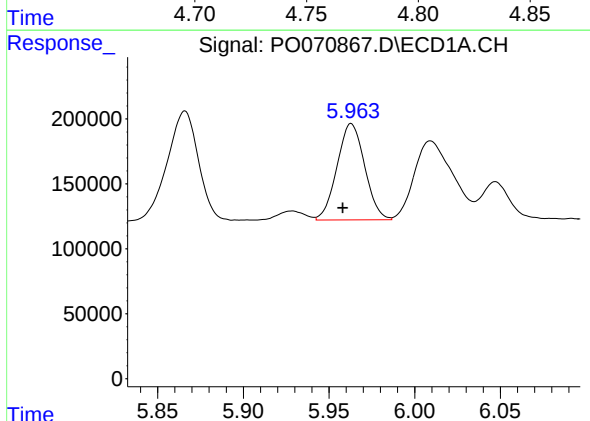
R.T.: 5.674 min
Delta R.T.: 0.006 min
Response: 1496537
Conc: 899.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



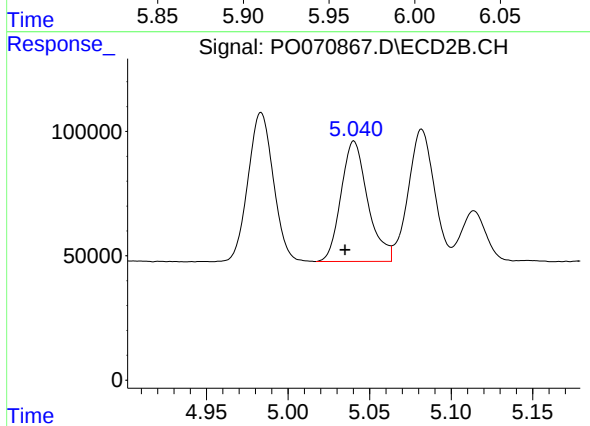
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: 0.006 min
Response: 863349
Conc: 825.20 ng/ml



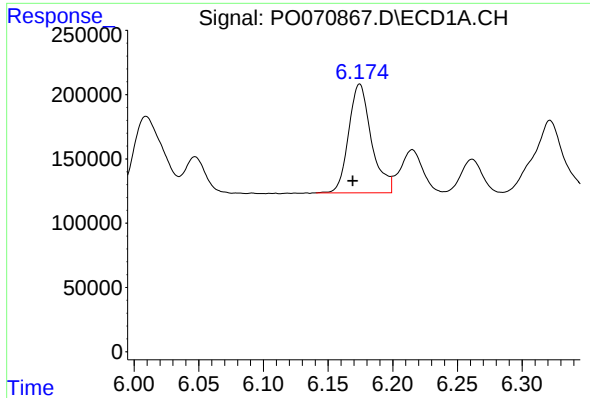
#22 AR-1248-2

R.T.: 5.963 min
Delta R.T.: 0.005 min
Response: 835115
Conc: 397.72 ng/ml



#22 AR-1248-2

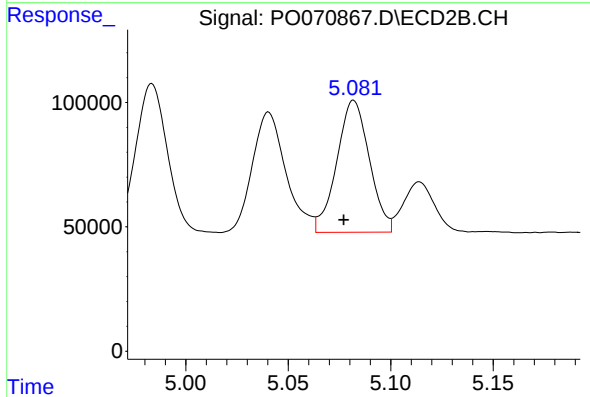
R.T.: 5.040 min
Delta R.T.: 0.005 min
Response: 552071
Conc: 408.25 ng/ml



#23 AR-1248-3

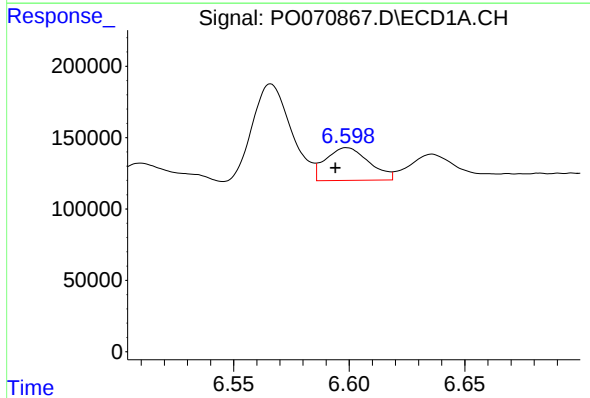
R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 1038552
Conc: 415.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



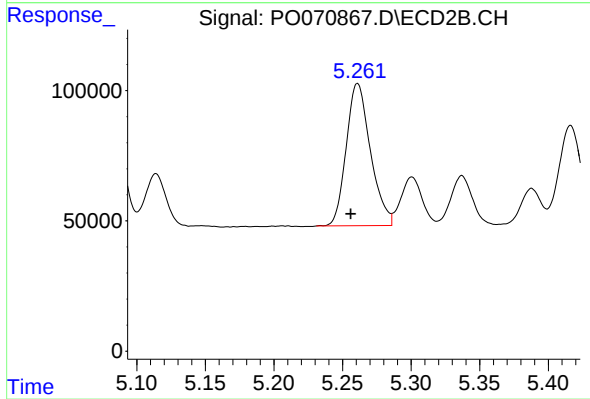
#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: 0.005 min
Response: 586847
Conc: 461.95 ng/ml



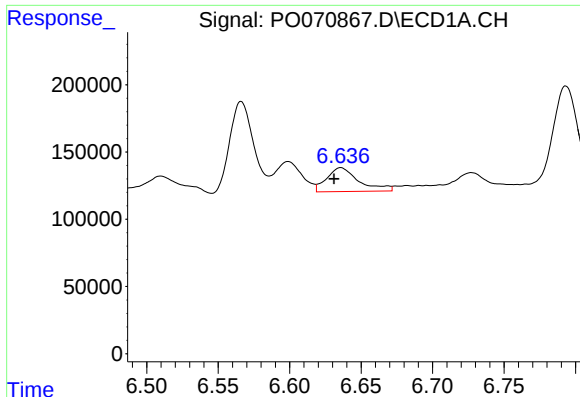
#24 AR-1248-4

R.T.: 6.599 min
Delta R.T.: 0.005 min
Response: 298868
Conc: 85.18 ng/ml



#24 AR-1248-4

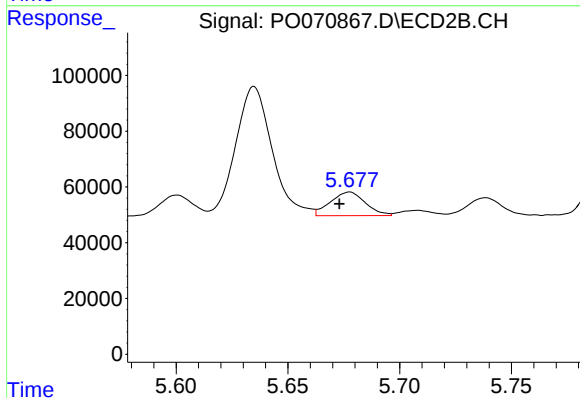
R.T.: 5.261 min
Delta R.T.: 0.005 min
Response: 671252
Conc: 408.51 ng/ml



#25 AR-1248-5

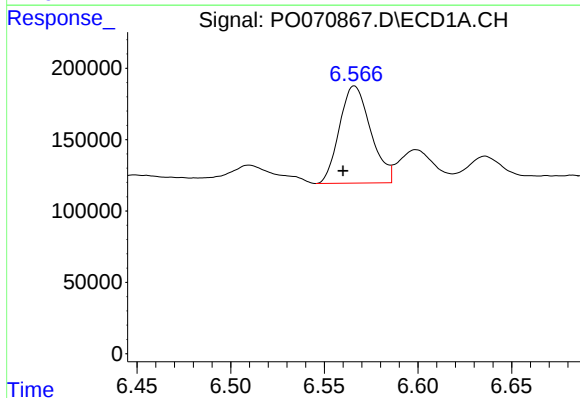
R.T.: 6.636 min
Delta R.T.: 0.005 min
Response: 277838
Conc: 85.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



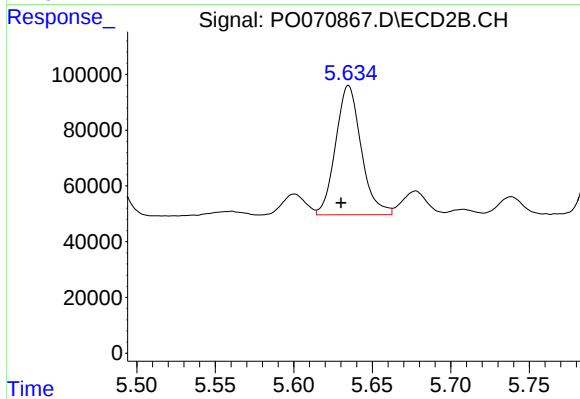
#25 AR-1248-5

R.T.: 5.678 min
Delta R.T.: 0.005 min
Response: 92903
Conc: 53.28 ng/ml



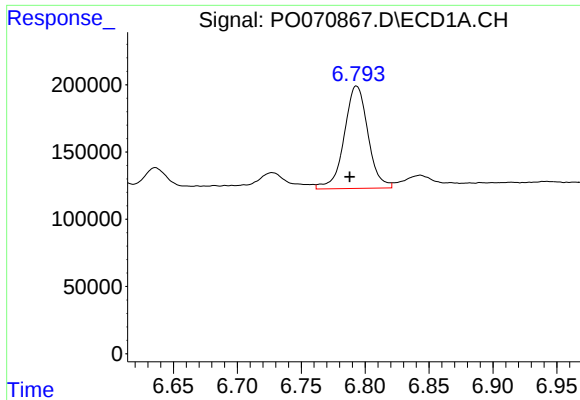
#26 AR-1254-1

R.T.: 6.566 min
Delta R.T.: 0.006 min
Response: 790309
Conc: 236.44 ng/ml



#26 AR-1254-1

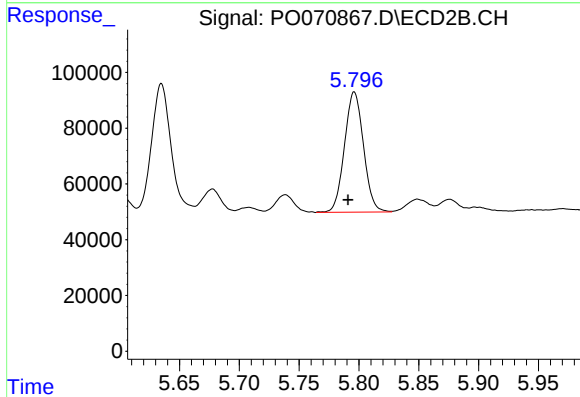
R.T.: 5.635 min
Delta R.T.: 0.005 min
Response: 526859
Conc: 190.09 ng/ml



#27 AR-1254-2

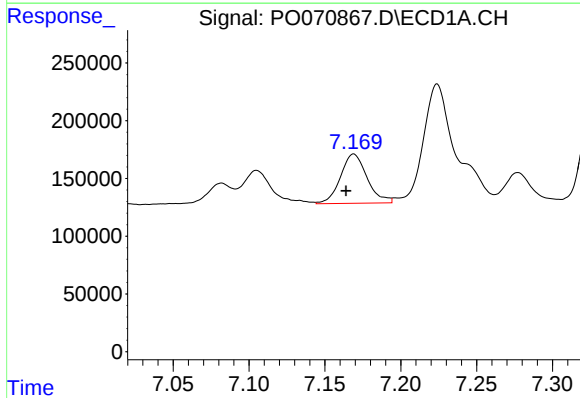
R.T.: 6.793 min
Delta R.T.: 0.005 min
Response: 985584
Conc: 187.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



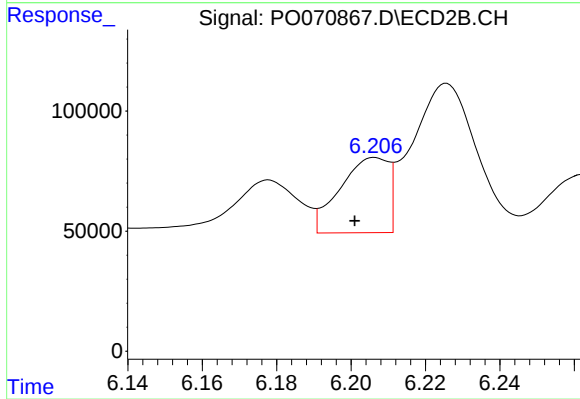
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: 0.005 min
Response: 477814
Conc: 192.77 ng/ml



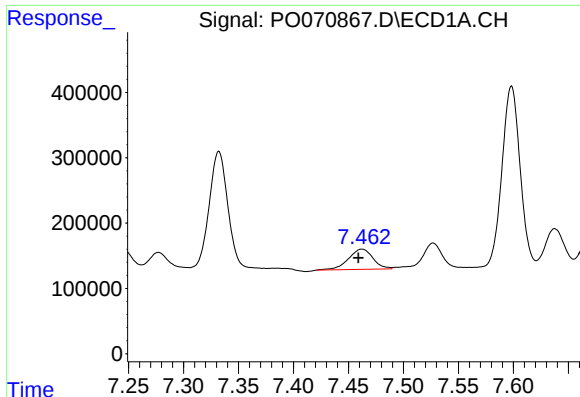
#28 AR-1254-3

R.T.: 7.169 min
Delta R.T.: 0.005 min
Response: 520916
Conc: 95.81 ng/ml



#28 AR-1254-3

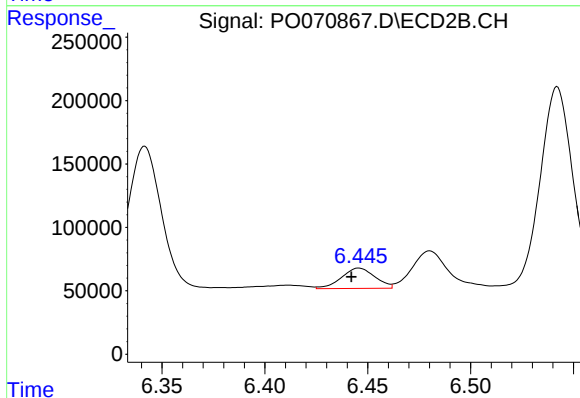
R.T.: 6.206 min
Delta R.T.: 0.005 min
Response: 283733
Conc: 70.99 ng/ml



#29 AR-1254-4

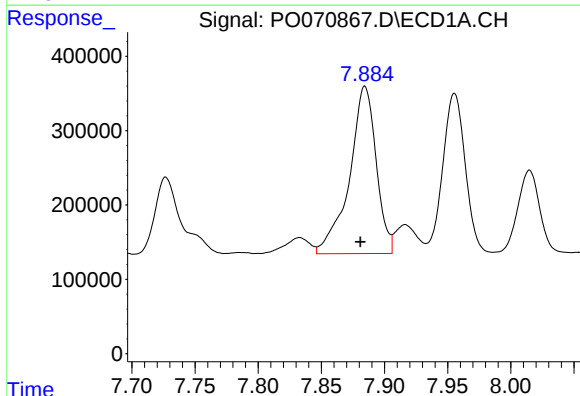
R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 481440
Conc: 92.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



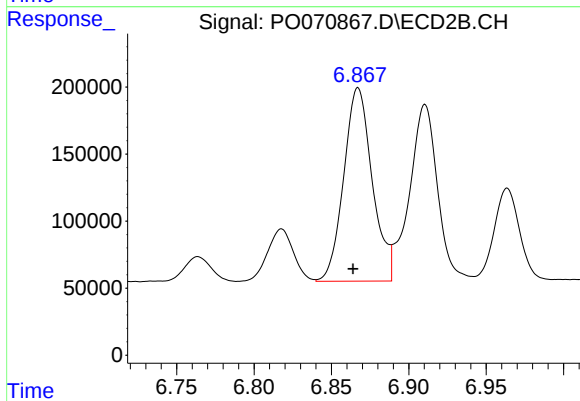
#29 AR-1254-4

R.T.: 6.446 min
Delta R.T.: 0.004 min
Response: 181848
Conc: 60.62 ng/ml



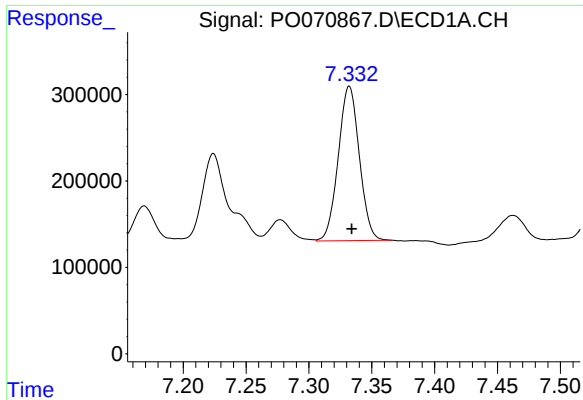
#30 AR-1254-5

R.T.: 7.884 min
Delta R.T.: 0.003 min
Response: 3318992
Conc: 627.66 ng/ml



#30 AR-1254-5

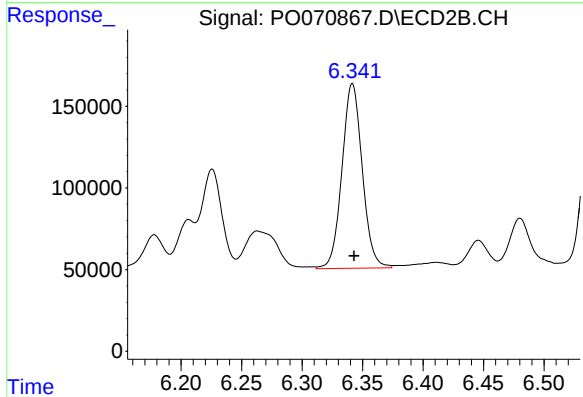
R.T.: 6.867 min
Delta R.T.: 0.003 min
Response: 1849961
Conc: 468.14 ng/ml



#31 AR-1260-1

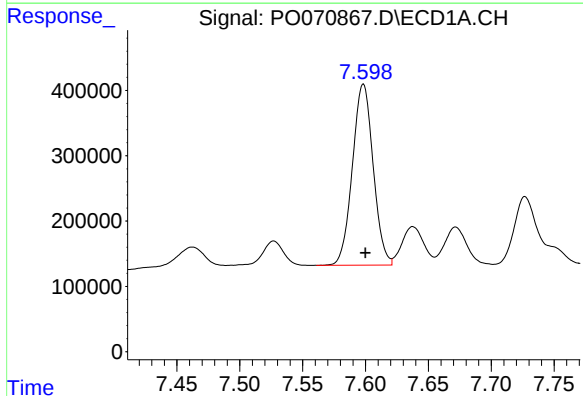
R.T.: 7.332 min
Delta R.T.: -0.002 min
Response: 2084704
Conc: 505.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



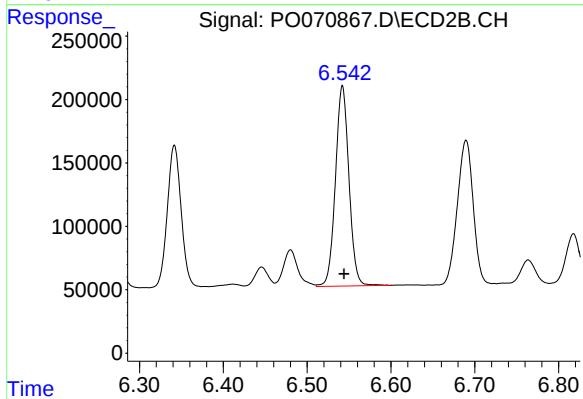
#31 AR-1260-1

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 1321460
Conc: 499.34 ng/ml



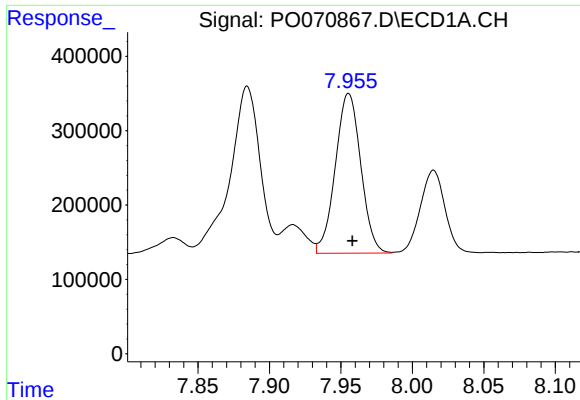
#32 AR-1260-2

R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 3183542
Conc: 512.17 ng/ml



#32 AR-1260-2

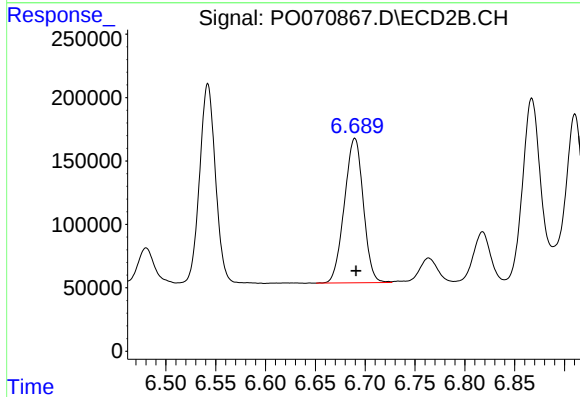
R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 1770890
Conc: 482.58 ng/ml



#33 AR-1260-3

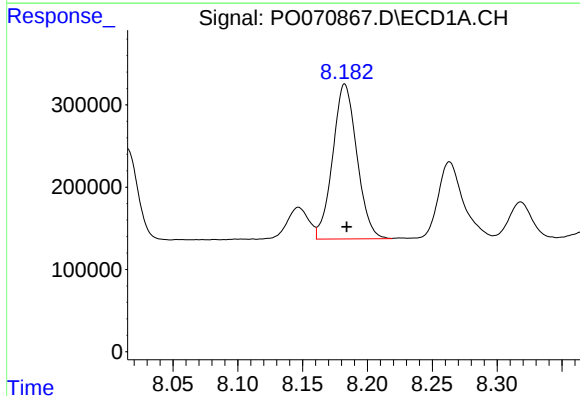
R.T.: 7.955 min
Delta R.T.: -0.003 min
Response: 2662167
Conc: 496.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



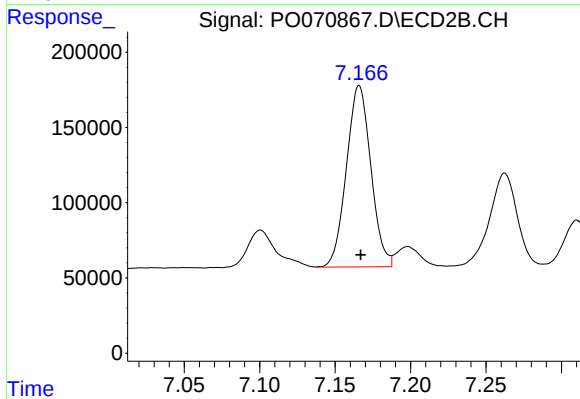
#33 AR-1260-3

R.T.: 6.690 min
Delta R.T.: -0.001 min
Response: 1502868
Conc: 484.08 ng/ml



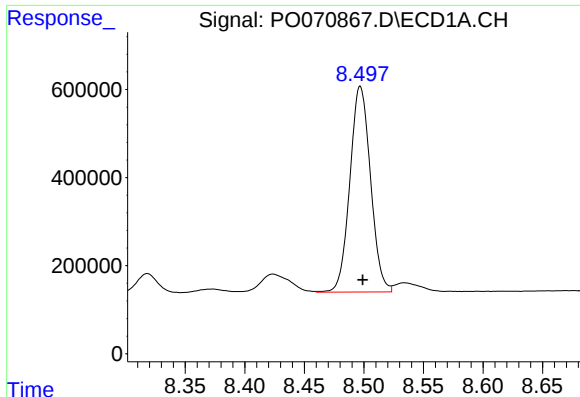
#34 AR-1260-4

R.T.: 8.182 min
Delta R.T.: -0.002 min
Response: 2446910
Conc: 480.64 ng/ml



#34 AR-1260-4

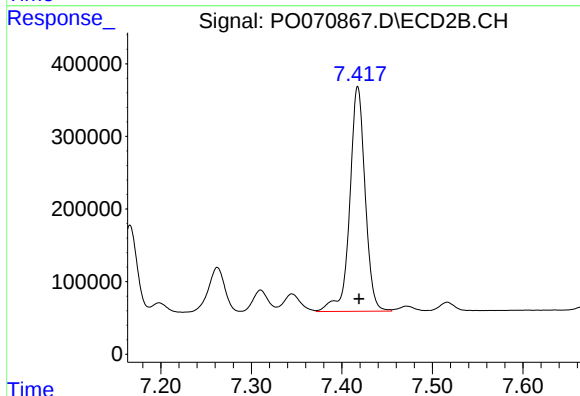
R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 1360403
Conc: 487.87 ng/ml



#35 AR-1260-5

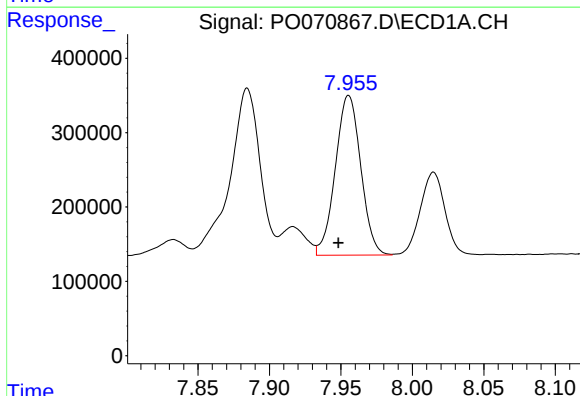
R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 5639369
Conc: 473.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



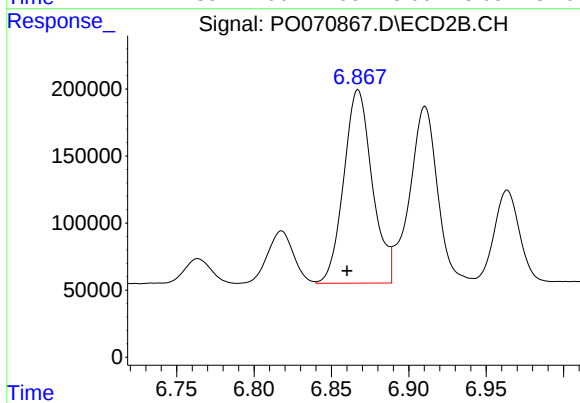
#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: -0.001 min
Response: 3661584
Conc: 467.73 ng/ml



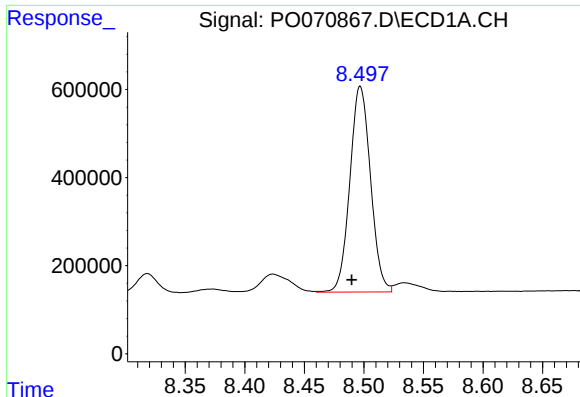
#36 AR-1262-1

R.T.: 7.955 min
Delta R.T.: 0.007 min
Response: 2662167
Conc: 347.97 ng/ml



#36 AR-1262-1

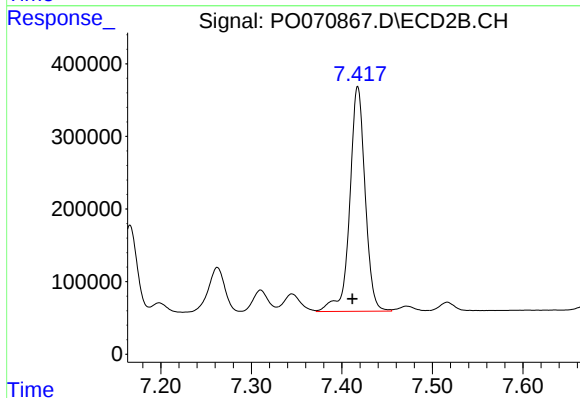
R.T.: 6.867 min
Delta R.T.: 0.007 min
Response: 1849961
Conc: 886.07 ng/ml



#37 AR-1262-2

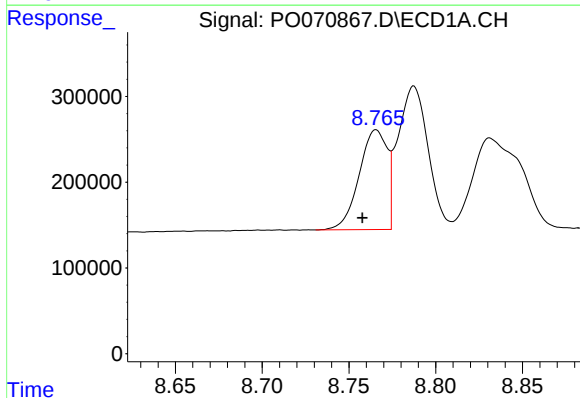
R.T.: 8.497 min
Delta R.T.: 0.007 min
Response: 5639369
Conc: 434.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



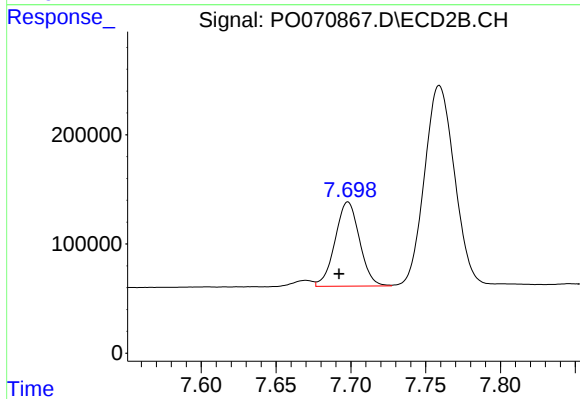
#37 AR-1262-2

R.T.: 7.418 min
Delta R.T.: 0.006 min
Response: 3661584
Conc: 427.60 ng/ml



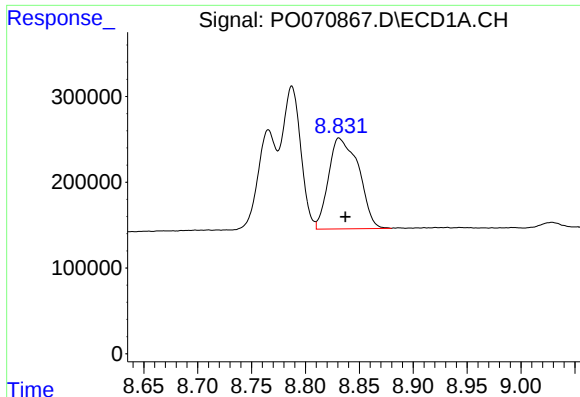
#38 AR-1262-3

R.T.: 8.766 min
Delta R.T.: 0.008 min
Response: 1305305
Conc: 232.49 ng/ml



#38 AR-1262-3

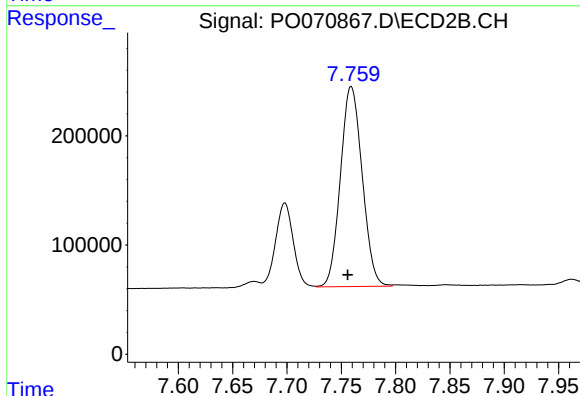
R.T.: 7.698 min
Delta R.T.: 0.006 min
Response: 877509
Conc: 247.42 ng/ml



#39 AR-1262-4

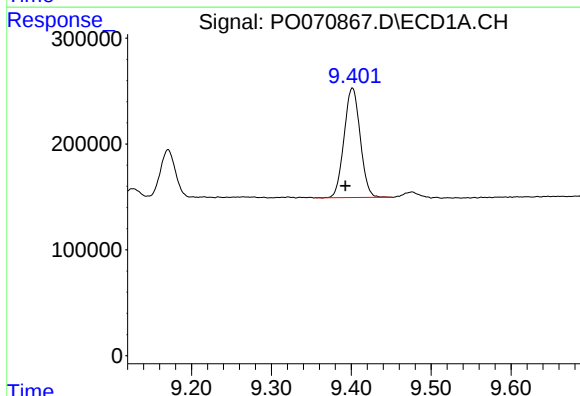
R.T.: 8.831 min
Delta R.T.: -0.006 min
Response: 2058885
Conc: 634.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



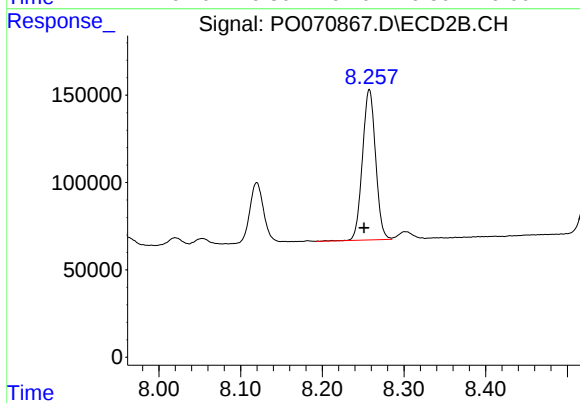
#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: 0.003 min
Response: 2552395
Conc: 419.41 ng/ml



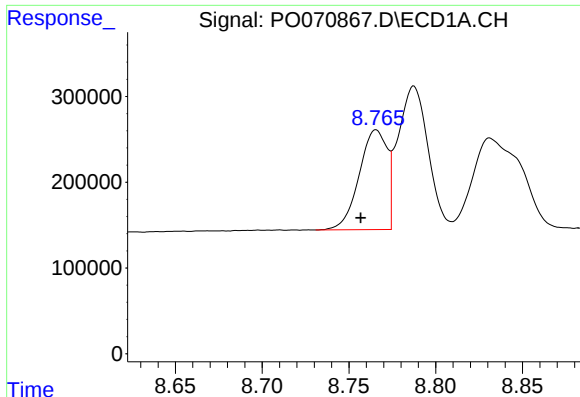
#40 AR-1262-5

R.T.: 9.401 min
Delta R.T.: 0.009 min
Response: 1449209
Conc: 328.60 ng/ml



#40 AR-1262-5

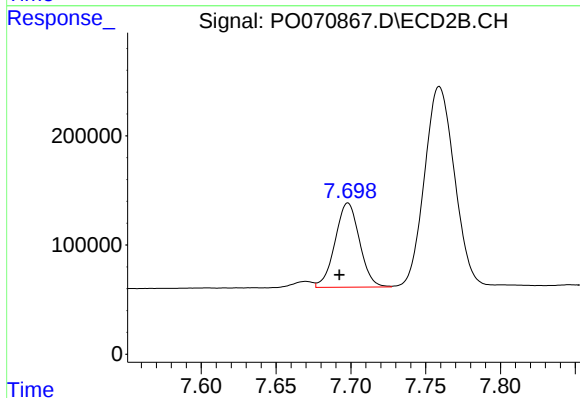
R.T.: 8.258 min
Delta R.T.: 0.007 min
Response: 961361
Conc: 320.48 ng/ml



#41 AR-1268-1

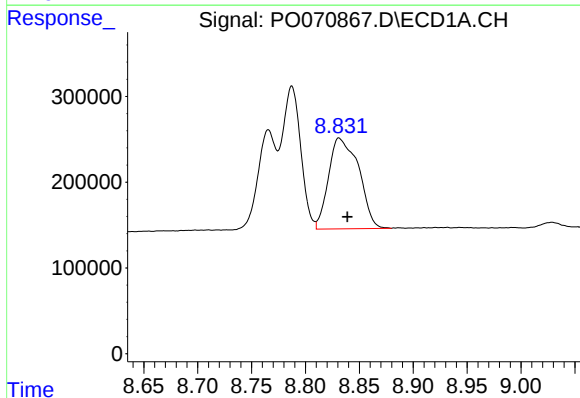
R.T.: 8.766 min
Delta R.T.: 0.009 min
Response: 1305305
Conc: 83.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



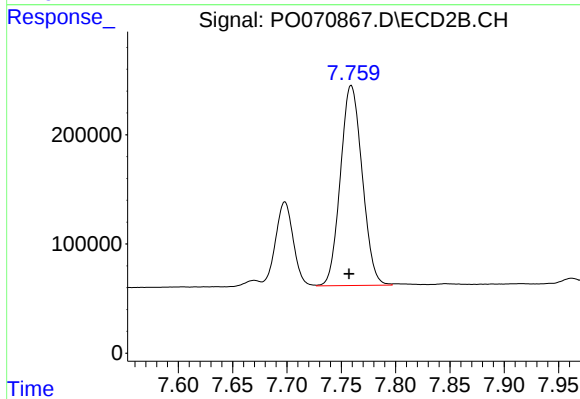
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.006 min
Response: 877509
Conc: 82.11 ng/ml



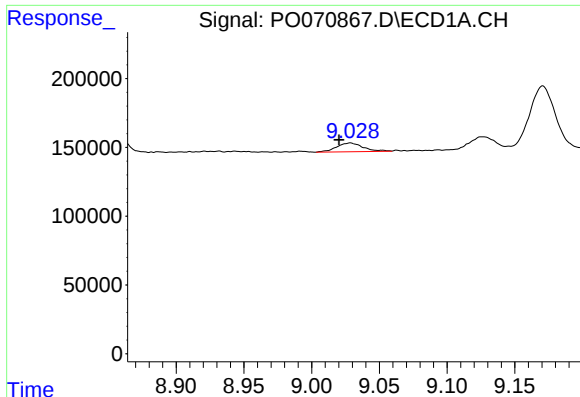
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.008 min
Response: 2058885
Conc: 154.20 ng/ml



#42 AR-1268-2

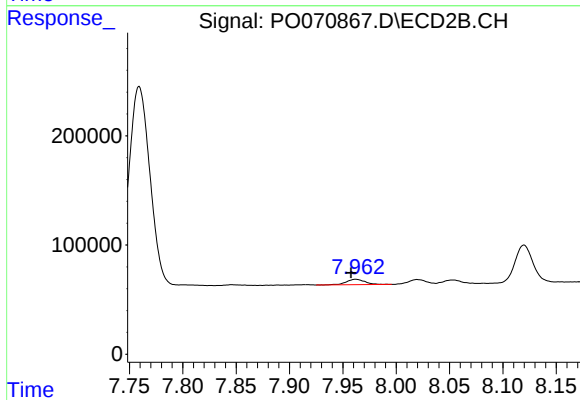
R.T.: 7.759 min
Delta R.T.: 0.002 min
Response: 2552395
Conc: 282.07 ng/ml



#43 AR-1268-3

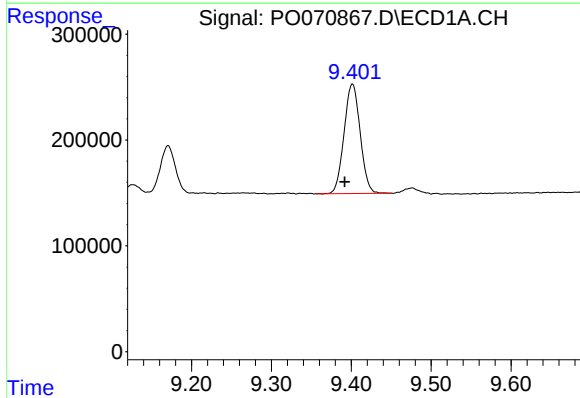
R.T.: 9.029 min
Delta R.T.: 0.008 min
Response: 87903
Conc: 7.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



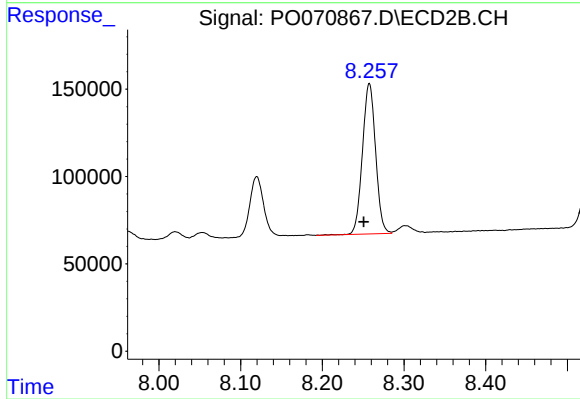
#43 AR-1268-3

R.T.: 7.962 min
Delta R.T.: 0.005 min
Response: 60650
Conc: 7.85 ng/ml



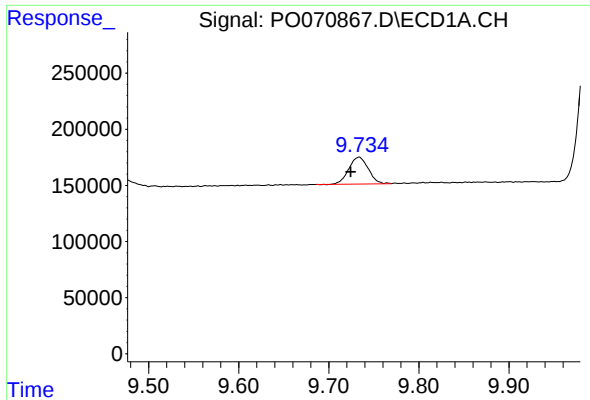
#44 AR-1268-4

R.T.: 9.401 min
Delta R.T.: 0.010 min
Response: 1449209
Conc: 285.71 ng/ml



#44 AR-1268-4

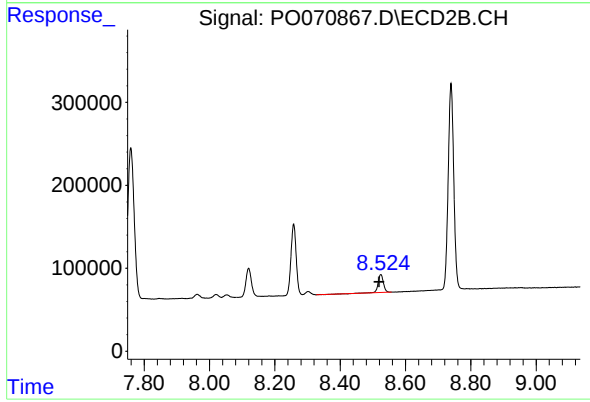
R.T.: 8.258 min
Delta R.T.: 0.007 min
Response: 961361
Conc: 280.07 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: 0.009 min
Response: 359740
Conc: 10.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.005 min
Response: 249762
Conc: 11.03 ng/ml