

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091820\
 Data File : P0071431.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2020 8:48
 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: Sep 18 11:44:17 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...	4.343	3.526	3848584	1895059	54.307	48.540
2)	SA Decachlor...	9.959	8.707	5220790	2825932	55.984	51.302
Target Compounds							
3)	L1 AR-1016-1	5.647	4.750	1644293	835116	565.669	486.486
4)	L1 AR-1016-2	5.669	4.768	2423028	1176850	567.819	485.779
5)	L1 AR-1016-3	5.732	4.953	1429526	629700	563.543	496.116
6)	L1 AR-1016-4	5.839	5.010	1224845	551889	572.231	523.056
7)	L1 AR-1016-5	6.147	5.231	1245328	682374	608.408	501.707
8)	L2 AR-1221-1	4.595	3.775	117152	66825	161.064	146.963
9)	L2 AR-1221-2	4.693	3.872	190566	101216	345.386	297.333
10)	L2 AR-1221-3	4.780	3.957	709634	396281	390.398	368.359
11)	L3 AR-1232-1	4.780	3.957	709634	396281	474.098	435.304
12)	L3 AR-1232-2	5.354	4.768	1067997	1176850	1313.290	1175.509
13)	L3 AR-1232-3	5.669	4.953	2423028	629700	1414.204	1220.096
14)	L3 AR-1232-4	5.839	5.052	1224845	591434	1472.614	1342.938
15)	L3 AR-1232-5	5.936	5.231	964004	682374	1668.541	1314.682
16)	L4 AR-1242-1	5.647	4.750	1644293	835116	702.590	631.338
17)	L4 AR-1242-2	5.669	4.768	2423028	1176850	714.796	639.085
18)	L4 AR-1242-3	5.732	4.953	1429526	629700	705.902	646.149
19)	L4 AR-1242-4	5.839	5.052	1224845	591434	722.915	649.855
20)	L4 AR-1242-5	6.608	5.604	592841	598259	267.202	432.291 #
21)	L5 AR-1248-1	5.647	4.750	1644293	835116	977.617	849.141
22)	L5 AR-1248-2	5.936	5.010	964004	551889	436.631	421.312
23)	L5 AR-1248-3	6.147	5.052	1245328	591434	473.069	481.707
24)	L5 AR-1248-4	6.571	5.231	582833	682374	160.386	425.547 #
25)	L5 AR-1248-5	6.608	5.645	592841	131292	178.154	76.601 #
26)	L6 AR-1254-1	6.543	5.604	1448142	598259	412.763	224.910 #
27)	L6 AR-1254-2	6.766	5.765	1291672	609325	224.629	257.552
28)	L6 AR-1254-3	7.142	6.175	655292	330530	110.185	86.301
29)	L6 AR-1254-4	7.434	6.415	513587	205441	88.410	74.463
30)	L6 AR-1254-5	7.857	6.836	4102642	1865616	735.455	491.354 #
31)	L7 AR-1260-1	7.305	6.311	2596213	1417450	572.562	508.761
32)	L7 AR-1260-2	7.570	6.511	4055218	1732074	581.696	479.167
33)	L7 AR-1260-3	7.928	6.658	3396860	1493849	560.512	462.927
34)	L7 AR-1260-4	8.155	7.134	3174133	1371479	554.496	473.434
35)	L7 AR-1260-5	8.469	7.387	7319597	3574796	577.236	471.445
36)	L8 AR-1262-1	7.928	6.836	3396860	1865616	400.393	924.759 #
37)	L8 AR-1262-2	8.469	7.387	7319597	3574796	507.041	458.351
38)	L8 AR-1262-3	8.738	7.666	1709793	895154	192.393	268.273 #
39)	L8 AR-1262-4	8.803	7.727	2696375	2647438	424.073	456.383
40)	L8 AR-1262-5	9.369	8.227	1954428	1065432	434.602	379.214
41)	L9 AR-1268-1	8.738	7.666	1709793	895154	100.880	91.274

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

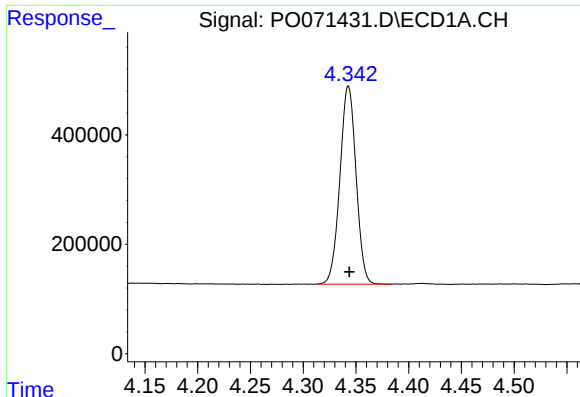
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 11:44:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090920.M
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 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	8.803f	7.727	2696375	2647438	192.877	308.510 #
43) L9	AR-1268-3	8.998	7.930	108961	73464	9.241	10.060
44) L9	AR-1268-4	9.369	8.227	1954428	1065432	380.657	335.318
45) L9	AR-1268-5	9.698	8.493	496575	292174	14.240	13.602

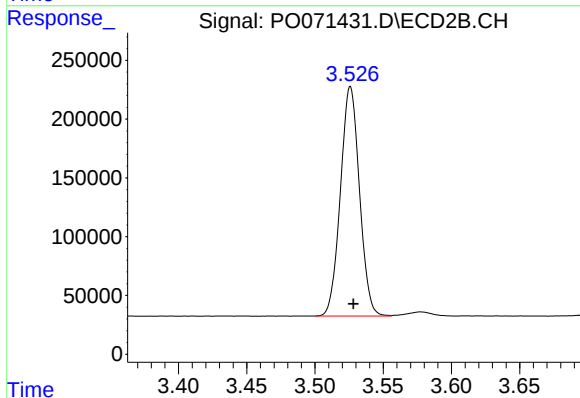
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

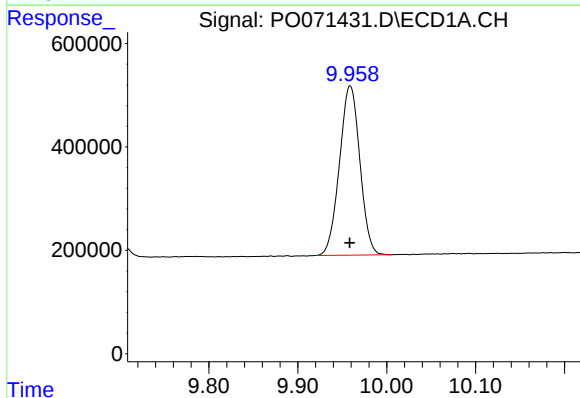
R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 3848584
Conc: 54.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



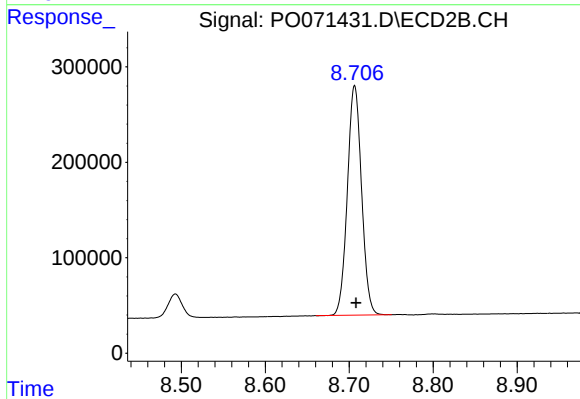
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.002 min
Response: 1895059
Conc: 48.54 ng/ml



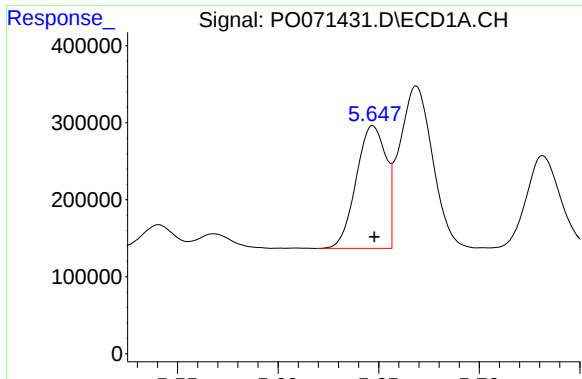
#2 Decachlorobiphenyl

R.T.: 9.959 min
Delta R.T.: 0.000 min
Response: 5220790
Conc: 55.98 ng/ml



#2 Decachlorobiphenyl

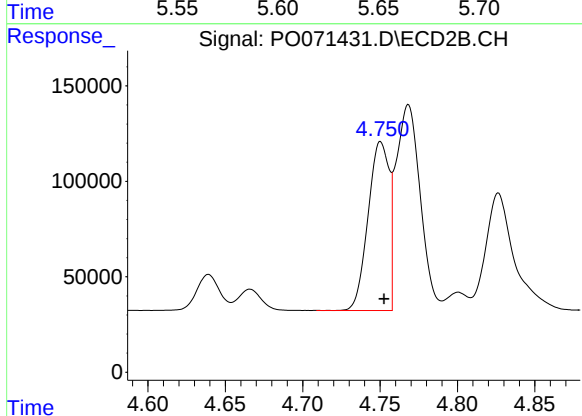
R.T.: 8.707 min
Delta R.T.: -0.002 min
Response: 2825932
Conc: 51.30 ng/ml



#3 AR-1016-1

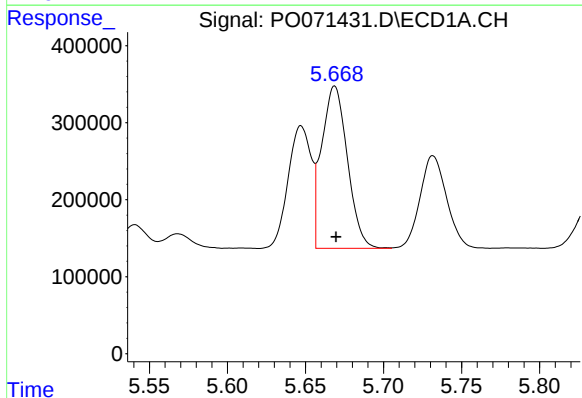
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1644293
Conc: 565.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



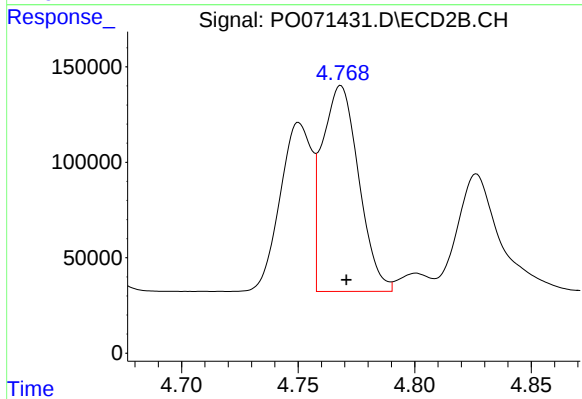
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 835116
Conc: 486.49 ng/ml



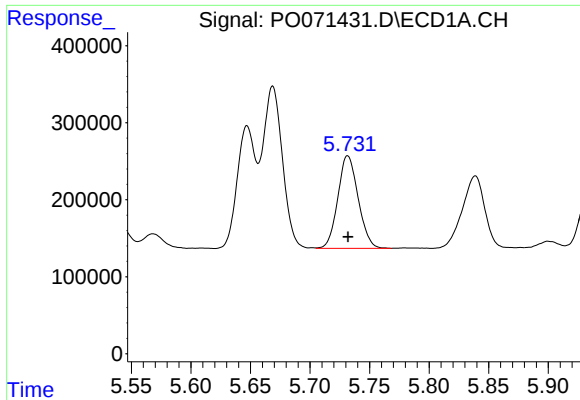
#4 AR-1016-2

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 2423028
Conc: 567.82 ng/ml



#4 AR-1016-2

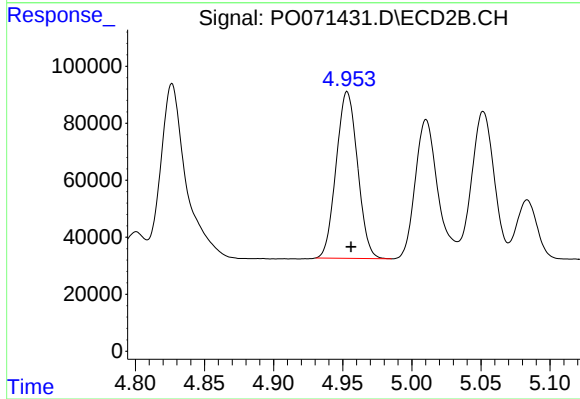
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1176850
Conc: 485.78 ng/ml



#5 AR-1016-3

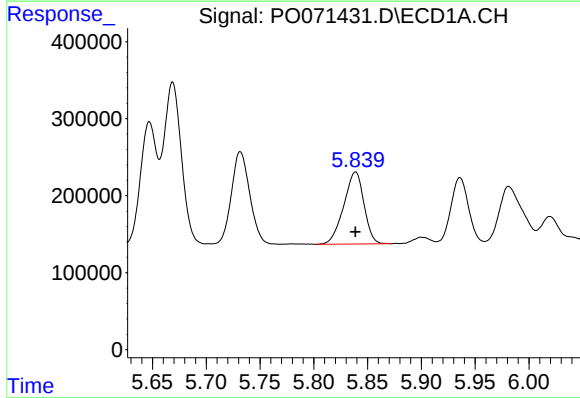
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 1429526
Conc: 563.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



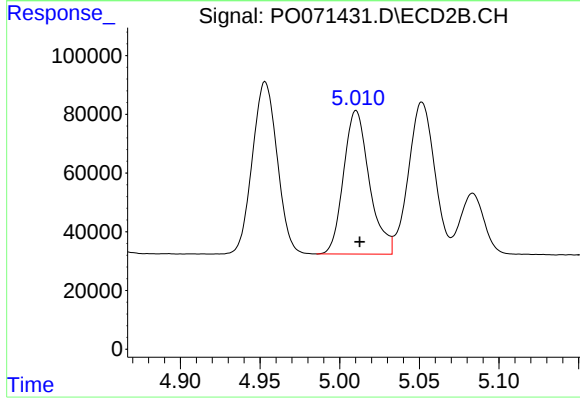
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 629700
Conc: 496.12 ng/ml



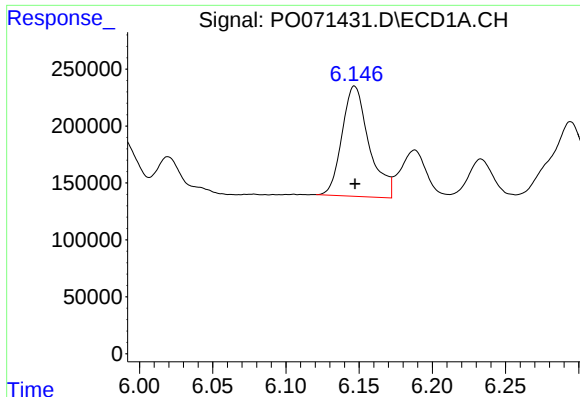
#6 AR-1016-4

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1224845
Conc: 572.23 ng/ml



#6 AR-1016-4

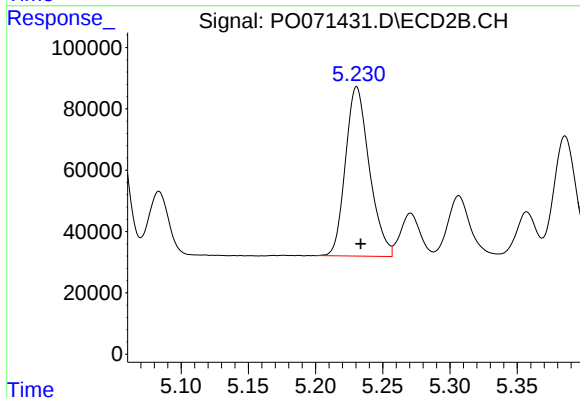
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 551889
Conc: 523.06 ng/ml



#7 AR-1016-5

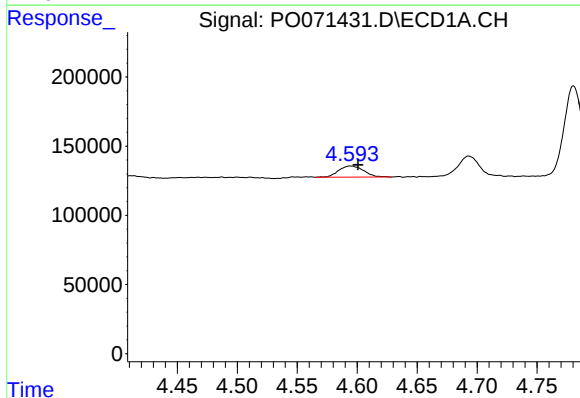
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 1245328
Conc: 608.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



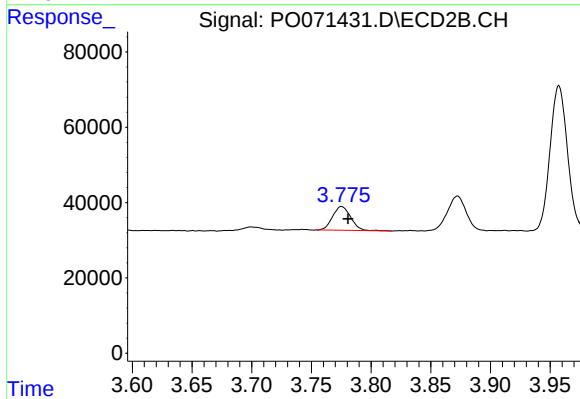
#7 AR-1016-5

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 682374
Conc: 501.71 ng/ml



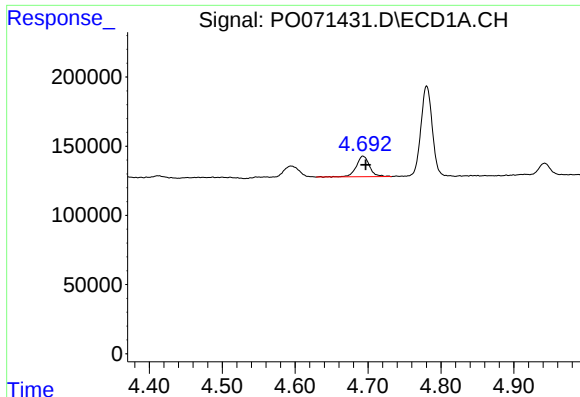
#8 AR-1221-1

R.T.: 4.595 min
Delta R.T.: -0.006 min
Response: 117152
Conc: 161.06 ng/ml



#8 AR-1221-1

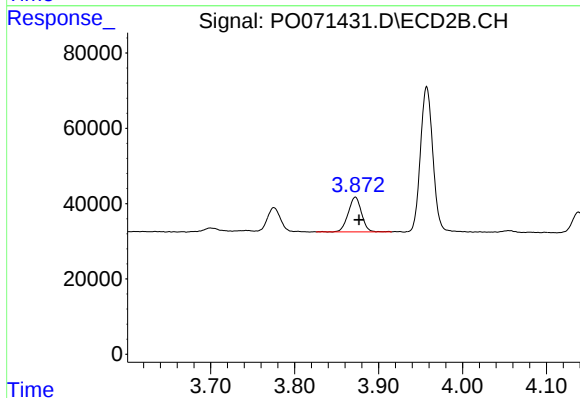
R.T.: 3.775 min
Delta R.T.: -0.005 min
Response: 66825
Conc: 146.96 ng/ml



#9 AR-1221-2

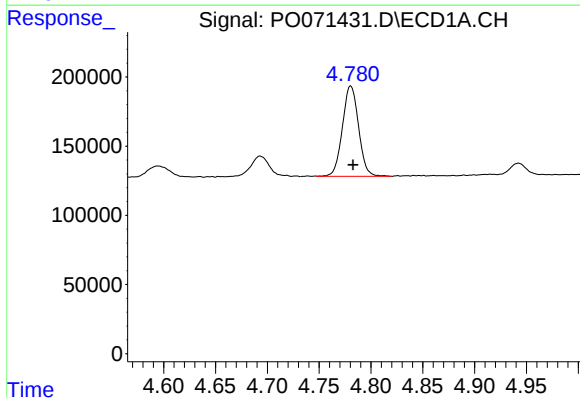
R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 190566
Conc: 345.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



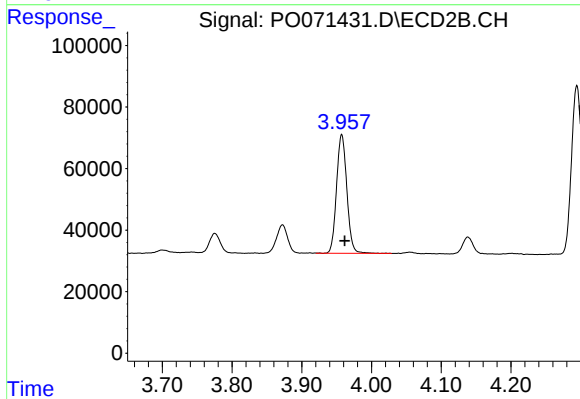
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.005 min
Response: 101216
Conc: 297.33 ng/ml



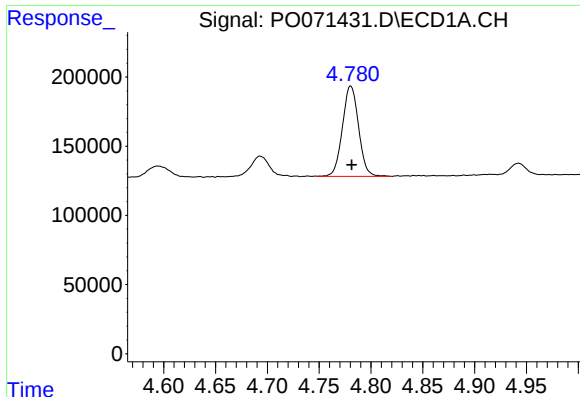
#10 AR-1221-3

R.T.: 4.780 min
Delta R.T.: -0.002 min
Response: 709634
Conc: 390.40 ng/ml



#10 AR-1221-3

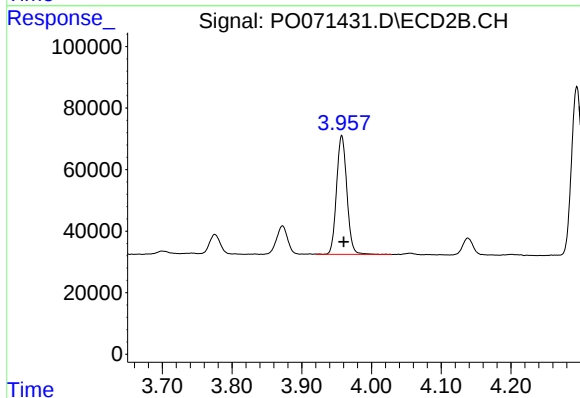
R.T.: 3.957 min
Delta R.T.: -0.004 min
Response: 396281
Conc: 368.36 ng/ml



#11 AR-1232-1

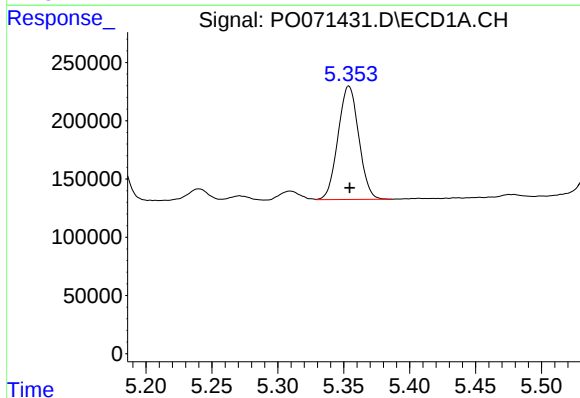
R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 709634
Conc: 474.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



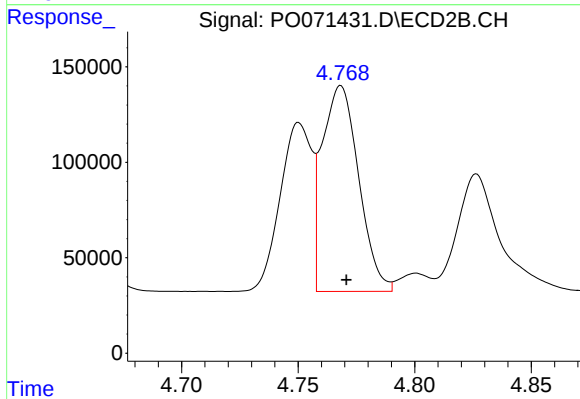
#11 AR-1232-1

R.T.: 3.957 min
Delta R.T.: -0.003 min
Response: 396281
Conc: 435.30 ng/ml



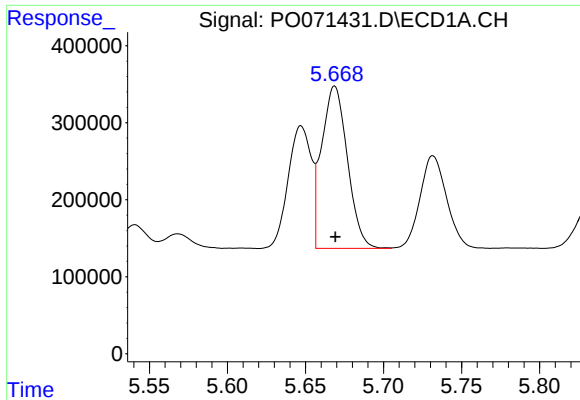
#12 AR-1232-2

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 1067997
Conc: 1313.29 ng/ml



#12 AR-1232-2

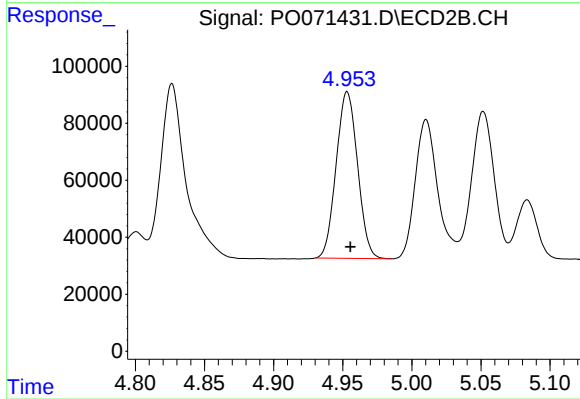
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1176850
Conc: 1175.51 ng/ml



#13 AR-1232-3

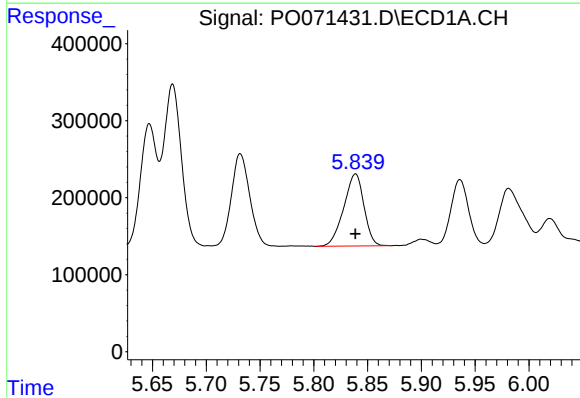
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 2423028
Conc: 1414.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



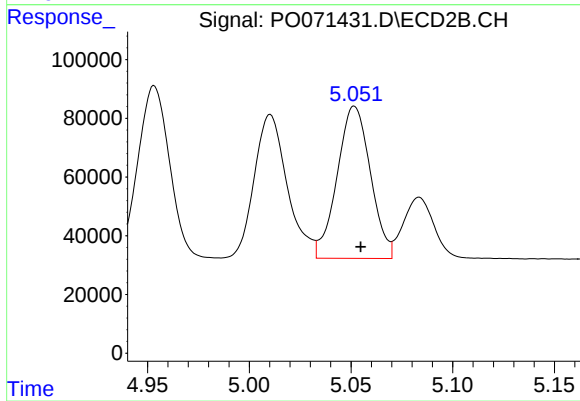
#13 AR-1232-3

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 629700
Conc: 1220.10 ng/ml



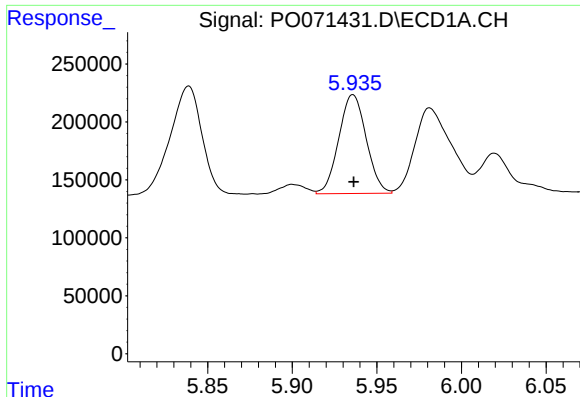
#14 AR-1232-4

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1224845
Conc: 1472.61 ng/ml



#14 AR-1232-4

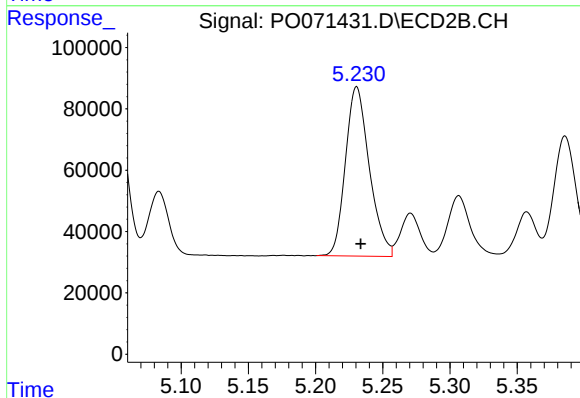
R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 591434
Conc: 1342.94 ng/ml



#15 AR-1232-5

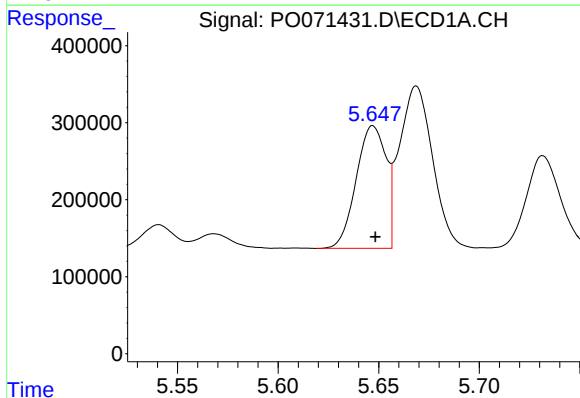
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 964004
Conc: 1668.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



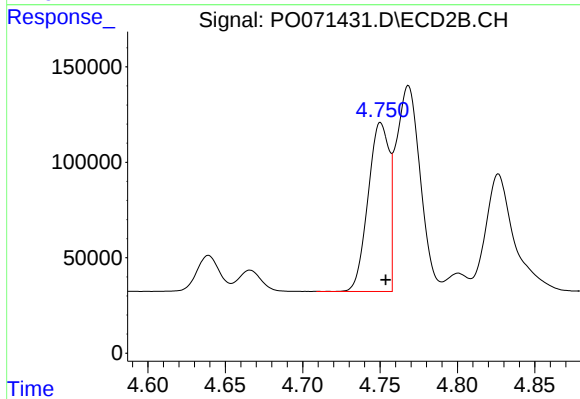
#15 AR-1232-5

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 682374
Conc: 1314.68 ng/ml



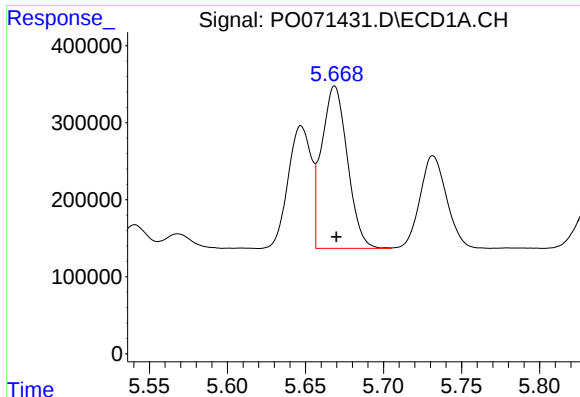
#16 AR-1242-1

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 1644293
Conc: 702.59 ng/ml



#16 AR-1242-1

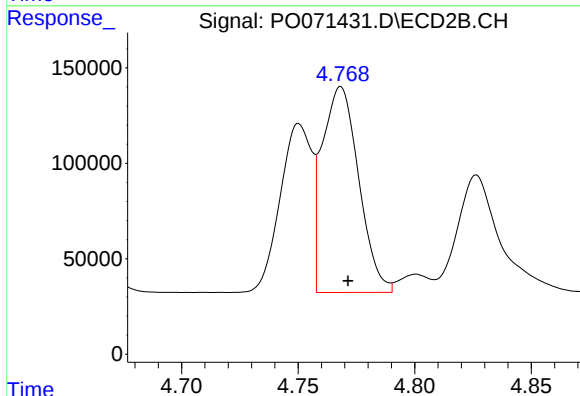
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 835116
Conc: 631.34 ng/ml



#17 AR-1242-2

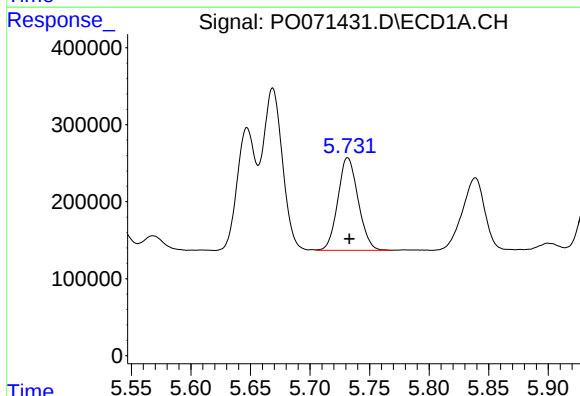
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 2423028
Conc: 714.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



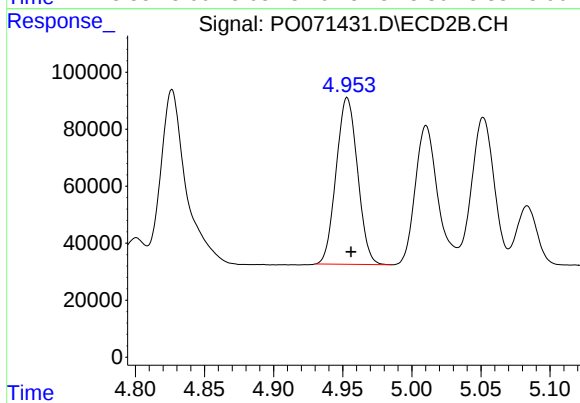
#17 AR-1242-2

R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 1176850
Conc: 639.08 ng/ml



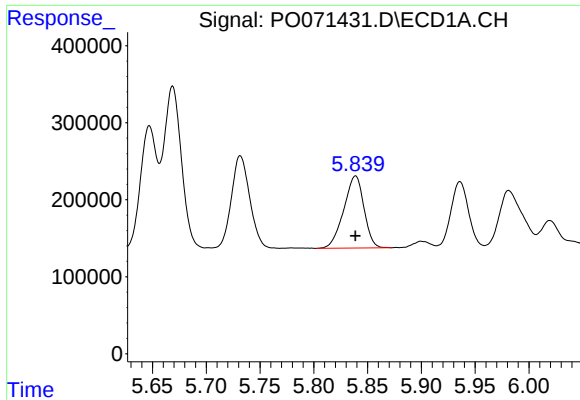
#18 AR-1242-3

R.T.: 5.732 min
Delta R.T.: -0.001 min
Response: 1429526
Conc: 705.90 ng/ml



#18 AR-1242-3

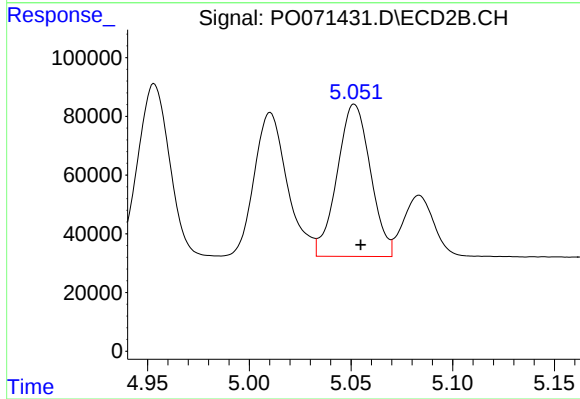
R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 629700
Conc: 646.15 ng/ml



#19 AR-1242-4

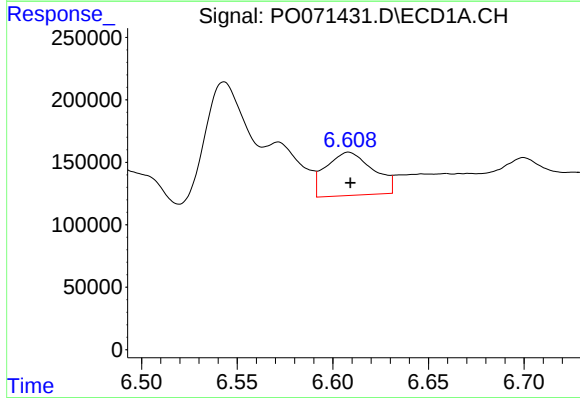
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1224845
Conc: 722.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



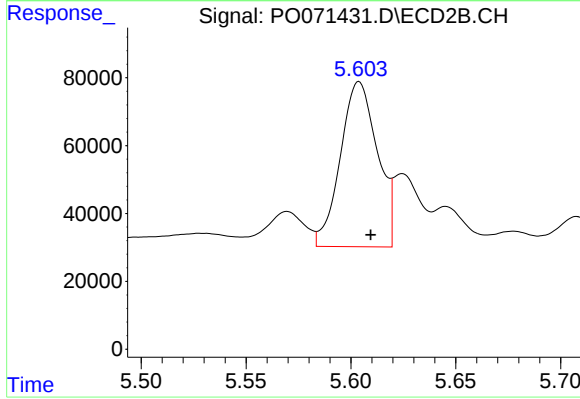
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 591434
Conc: 649.85 ng/ml



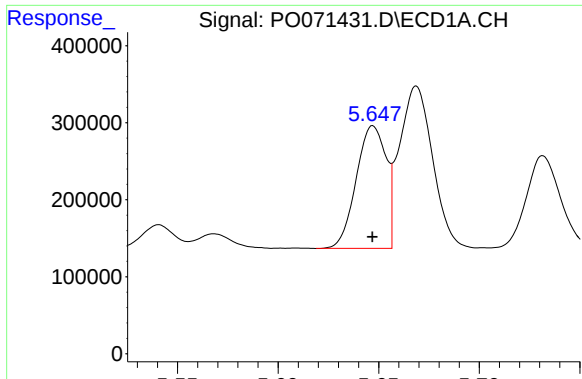
#20 AR-1242-5

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 592841
Conc: 267.20 ng/ml



#20 AR-1242-5

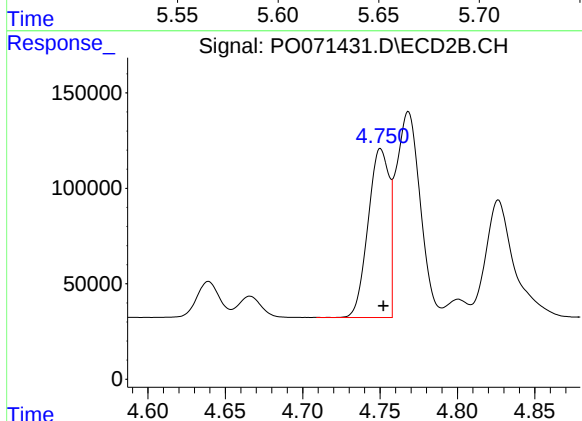
R.T.: 5.604 min
Delta R.T.: -0.006 min
Response: 598259
Conc: 432.29 ng/ml



#21 AR-1248-1

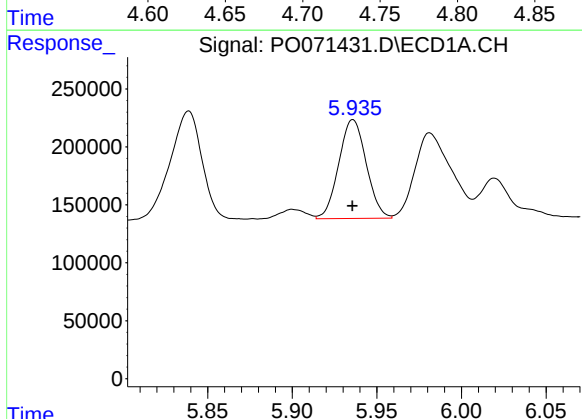
R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 1644293
Conc: 977.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



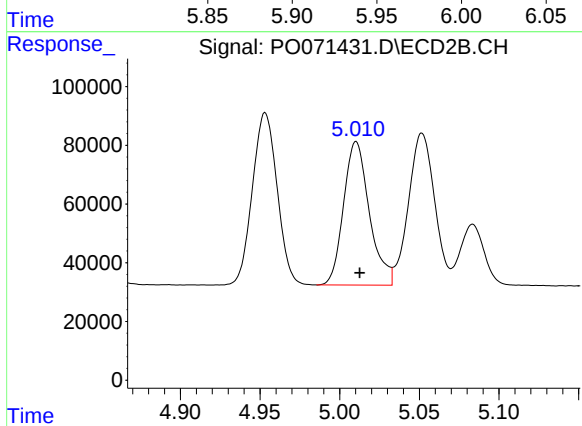
#21 AR-1248-1

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 835116
Conc: 849.14 ng/ml



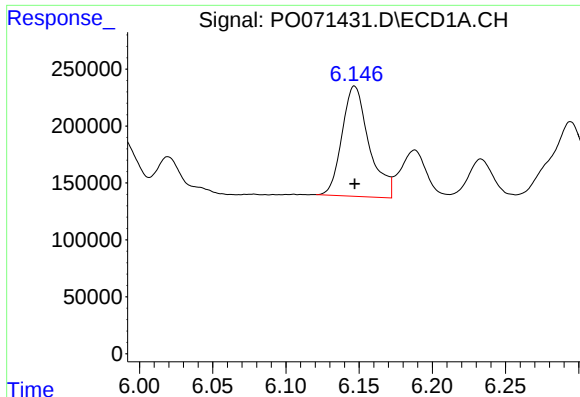
#22 AR-1248-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 964004
Conc: 436.63 ng/ml



#22 AR-1248-2

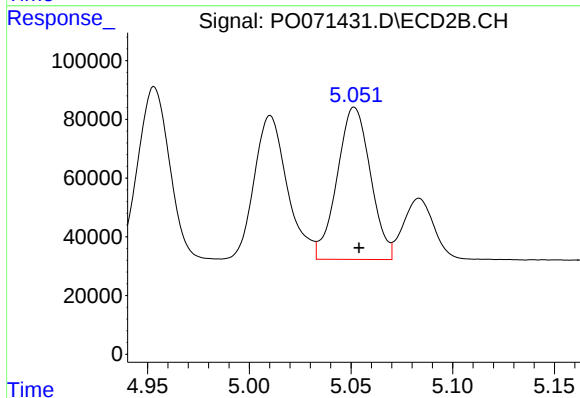
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 551889
Conc: 421.31 ng/ml



#23 AR-1248-3

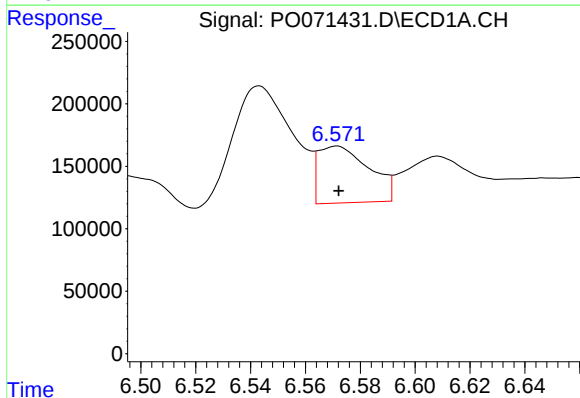
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 1245328
Conc: 473.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



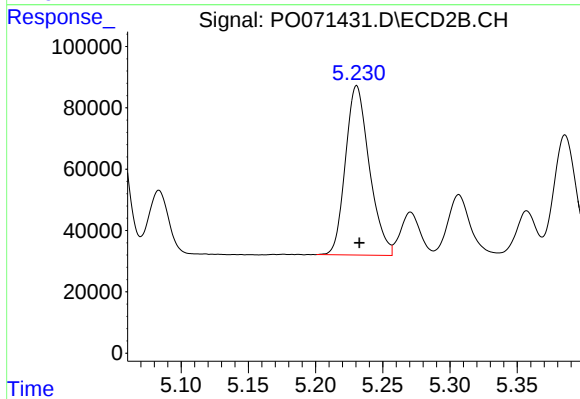
#23 AR-1248-3

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 591434
Conc: 481.71 ng/ml



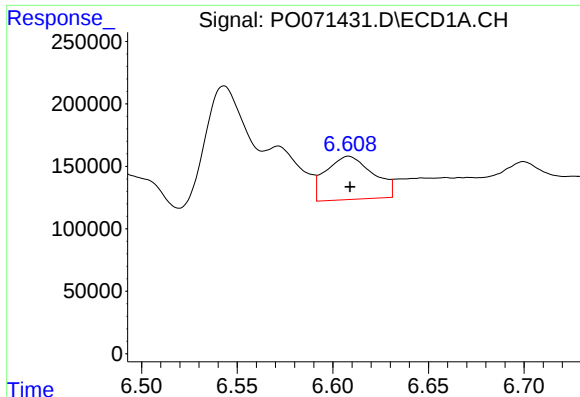
#24 AR-1248-4

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 582833
Conc: 160.39 ng/ml



#24 AR-1248-4

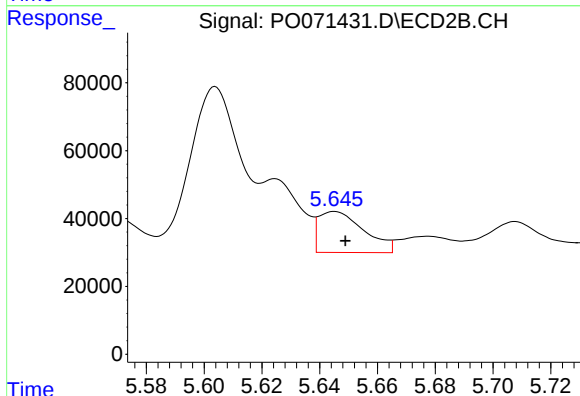
R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 682374
Conc: 425.55 ng/ml



#25 AR-1248-5

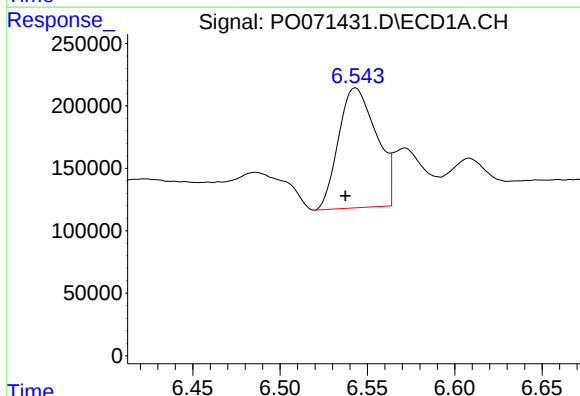
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 592841
Conc: 178.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



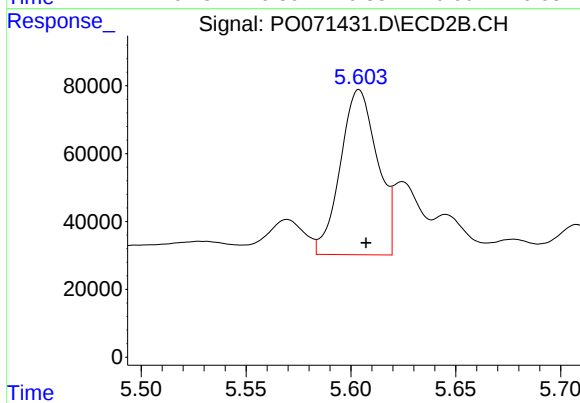
#25 AR-1248-5

R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 131292
Conc: 76.60 ng/ml



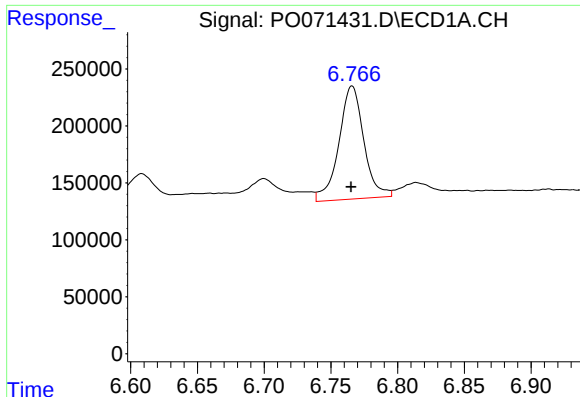
#26 AR-1254-1

R.T.: 6.543 min
Delta R.T.: 0.006 min
Response: 1448142
Conc: 412.76 ng/ml



#26 AR-1254-1

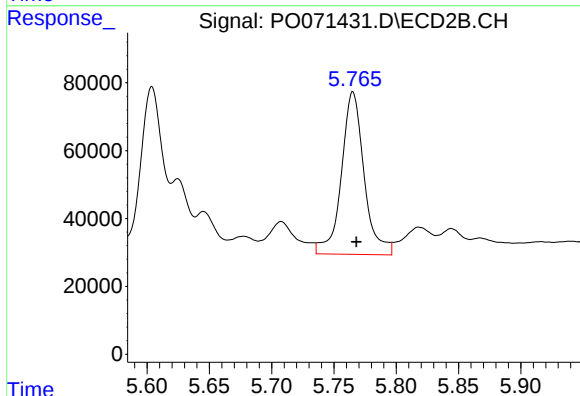
R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 598259
Conc: 224.91 ng/ml



#27 AR-1254-2

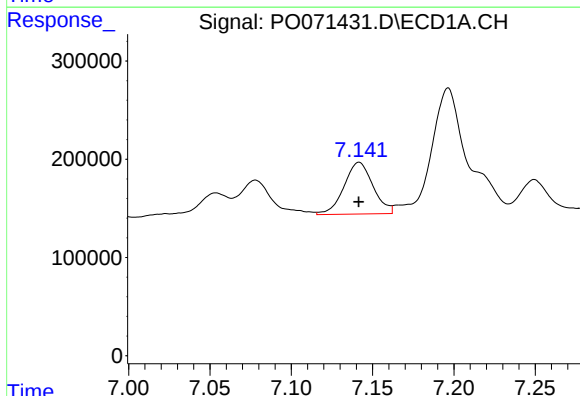
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1291672
Conc: 224.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



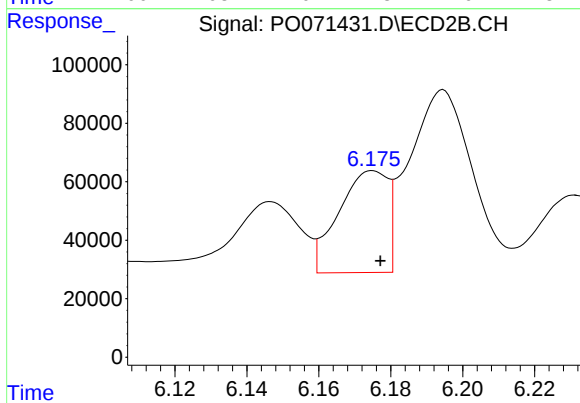
#27 AR-1254-2

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 609325
Conc: 257.55 ng/ml



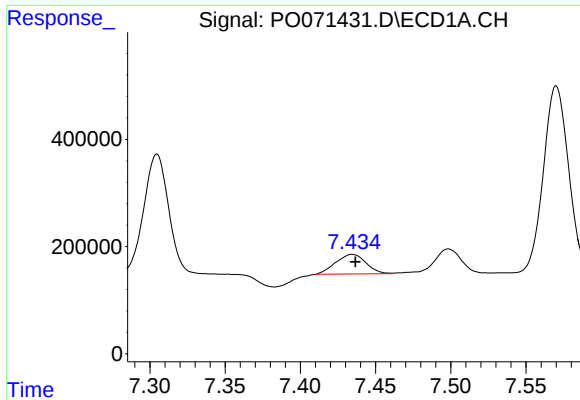
#28 AR-1254-3

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 655292
Conc: 110.19 ng/ml



#28 AR-1254-3

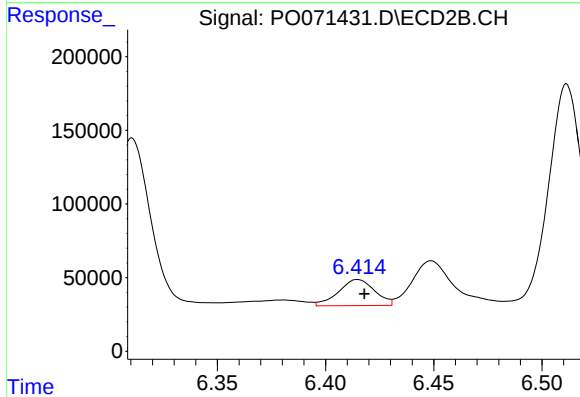
R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 330530
Conc: 86.30 ng/ml



#29 AR-1254-4

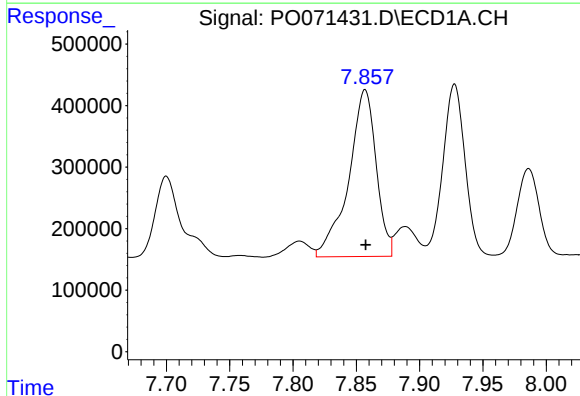
R.T.: 7.434 min
Delta R.T.: -0.002 min
Response: 513587
Conc: 88.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



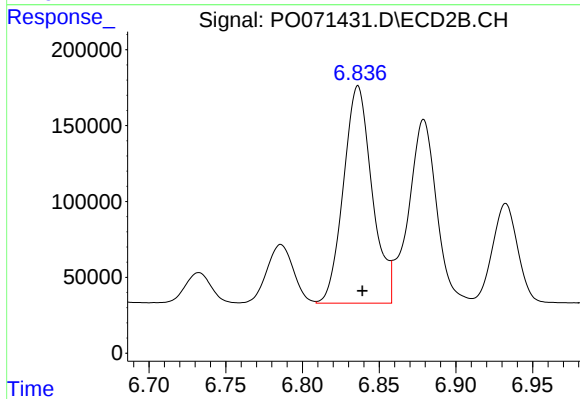
#29 AR-1254-4

R.T.: 6.415 min
Delta R.T.: -0.003 min
Response: 205441
Conc: 74.46 ng/ml



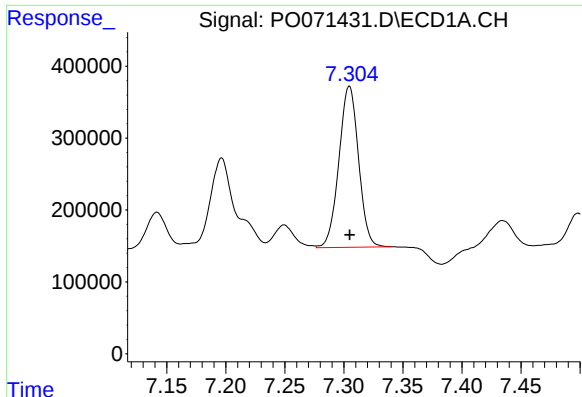
#30 AR-1254-5

R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 4102642
Conc: 735.45 ng/ml



#30 AR-1254-5

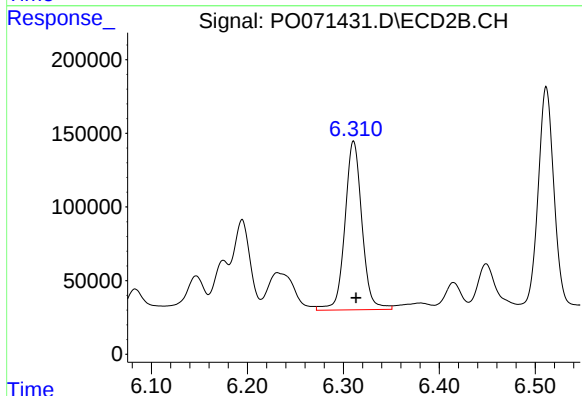
R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 1865616
Conc: 491.35 ng/ml



#31 AR-1260-1

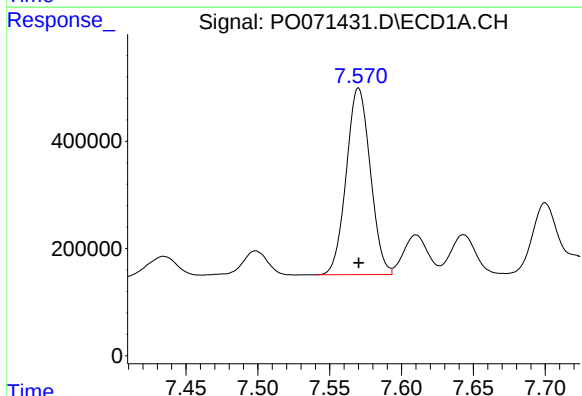
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 2596213
Conc: 572.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



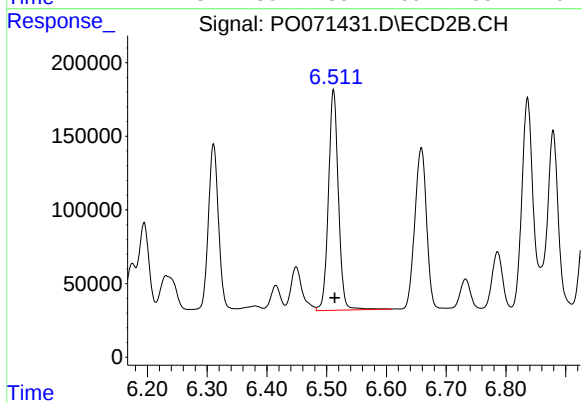
#31 AR-1260-1

R.T.: 6.311 min
Delta R.T.: -0.002 min
Response: 1417450
Conc: 508.76 ng/ml



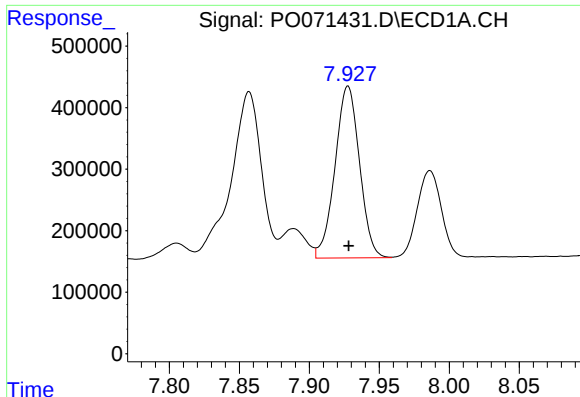
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 4055218
Conc: 581.70 ng/ml



#32 AR-1260-2

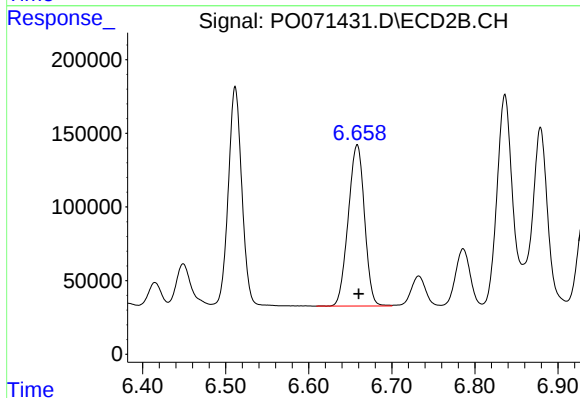
R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 1732074
Conc: 479.17 ng/ml



#33 AR-1260-3

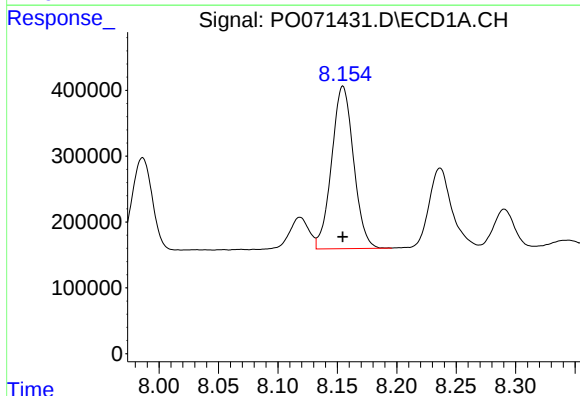
R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 3396860
Conc: 560.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



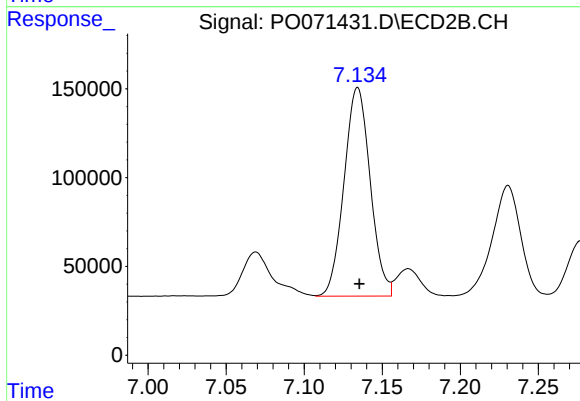
#33 AR-1260-3

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 1493849
Conc: 462.93 ng/ml



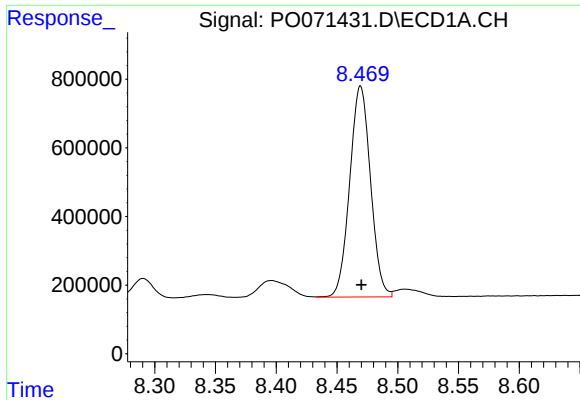
#34 AR-1260-4

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 3174133
Conc: 554.50 ng/ml



#34 AR-1260-4

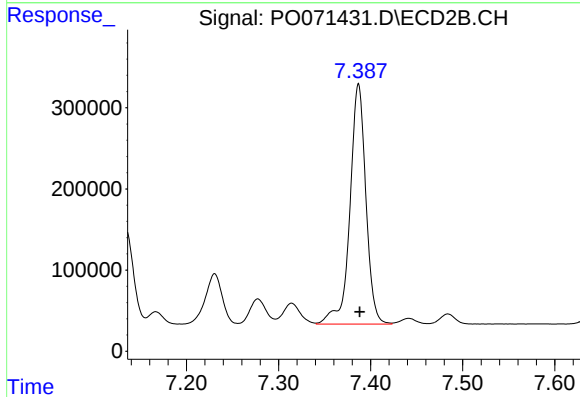
R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 1371479
Conc: 473.43 ng/ml



#35 AR-1260-5

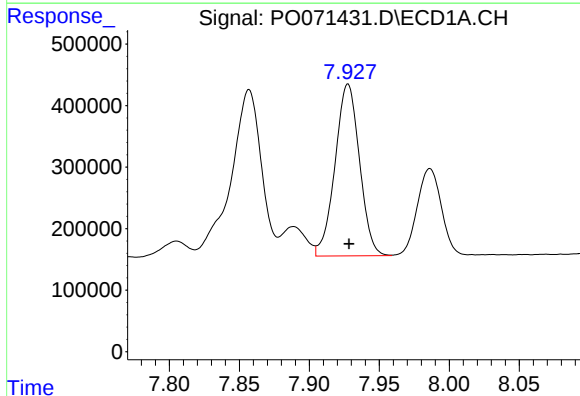
R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 7319597
Conc: 577.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



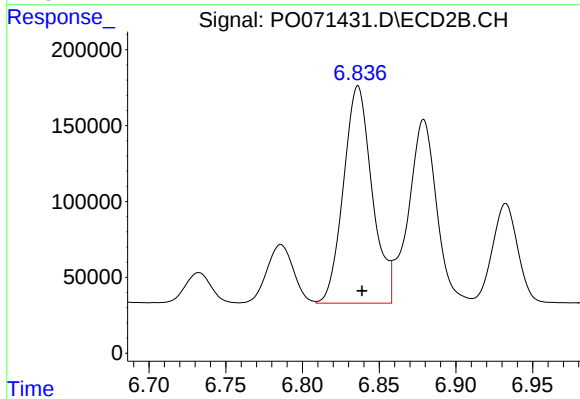
#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: -0.001 min
Response: 3574796
Conc: 471.44 ng/ml



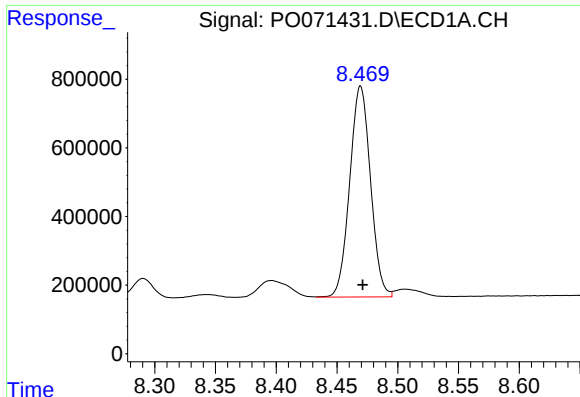
#36 AR-1262-1

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 3396860
Conc: 400.39 ng/ml



#36 AR-1262-1

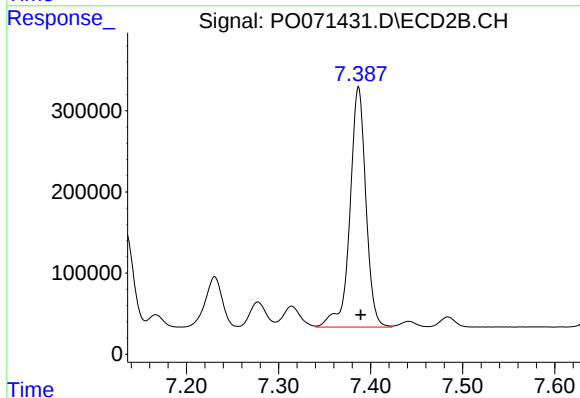
R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 1865616
Conc: 924.76 ng/ml



#37 AR-1262-2

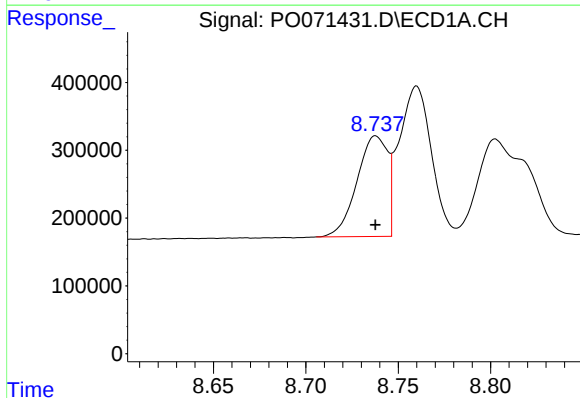
R.T.: 8.469 min
Delta R.T.: -0.002 min
Response: 7319597
Conc: 507.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



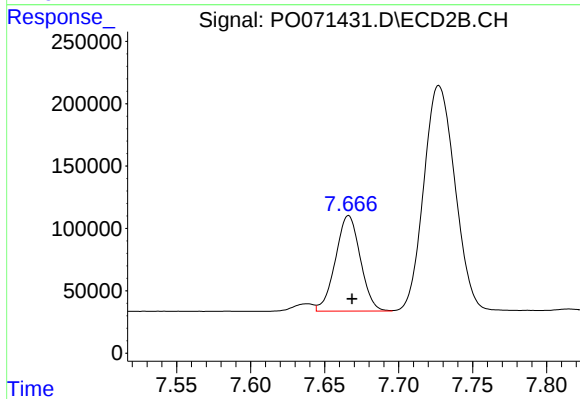
#37 AR-1262-2

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 3574796
Conc: 458.35 ng/ml



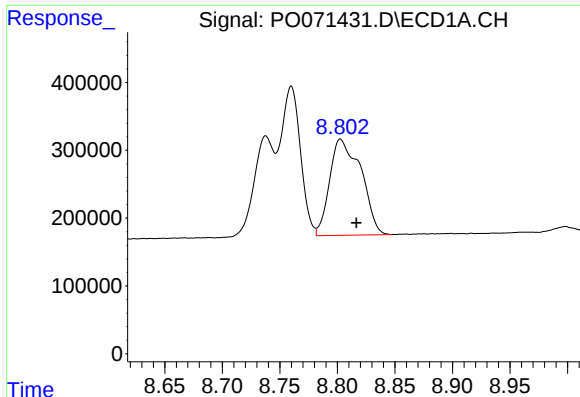
#38 AR-1262-3

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 1709793
Conc: 192.39 ng/ml



#38 AR-1262-3

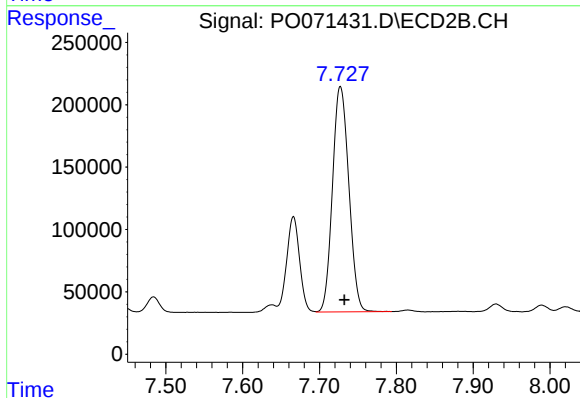
R.T.: 7.666 min
Delta R.T.: -0.002 min
Response: 895154
Conc: 268.27 ng/ml



#39 AR-1262-4

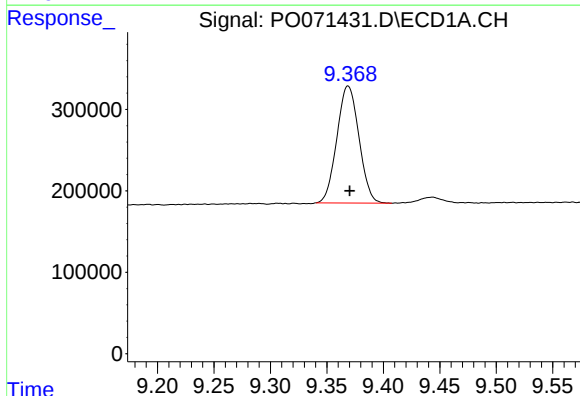
R.T.: 8.803 min
Delta R.T.: -0.014 min
Response: 2696375
Conc: 424.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



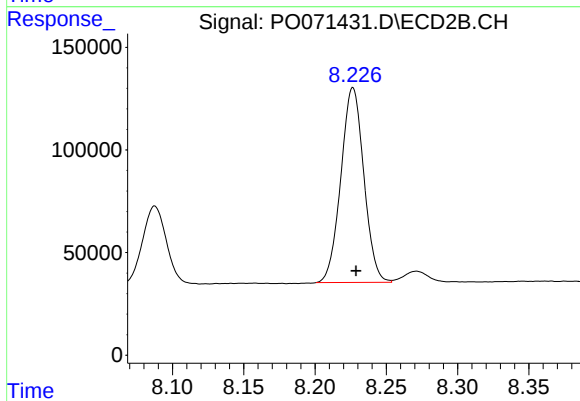
#39 AR-1262-4

R.T.: 7.727 min
Delta R.T.: -0.005 min
Response: 2647438
Conc: 456.38 ng/ml



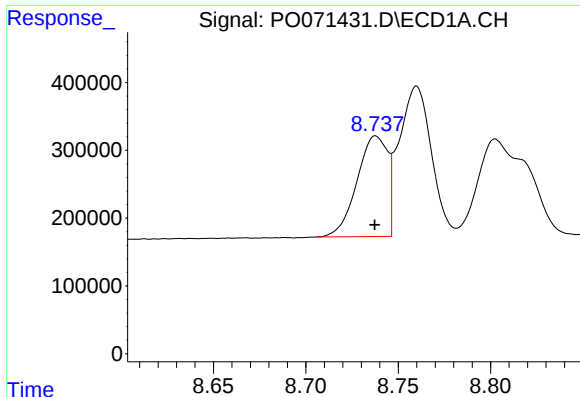
#40 AR-1262-5

R.T.: 9.369 min
Delta R.T.: -0.002 min
Response: 1954428
Conc: 434.60 ng/ml



#40 AR-1262-5

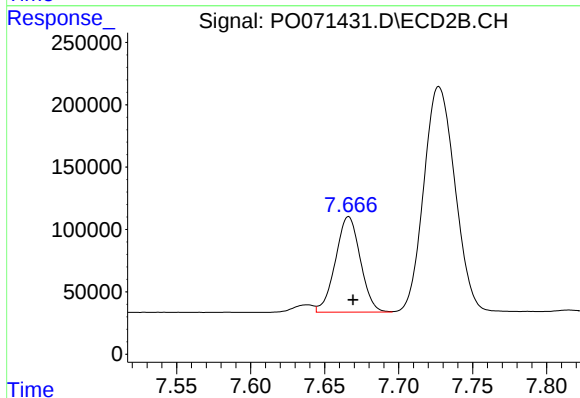
R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 1065432
Conc: 379.21 ng/ml



#41 AR-1268-1

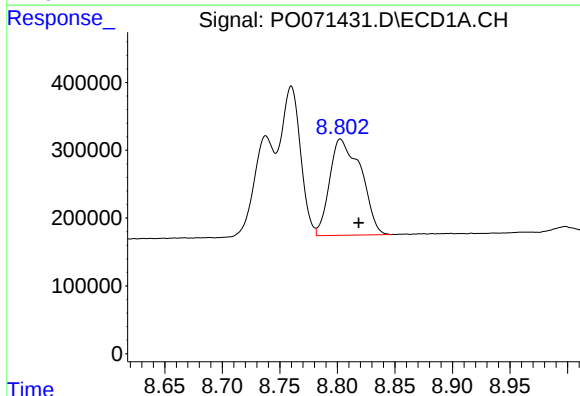
R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 1709793
Conc: 100.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



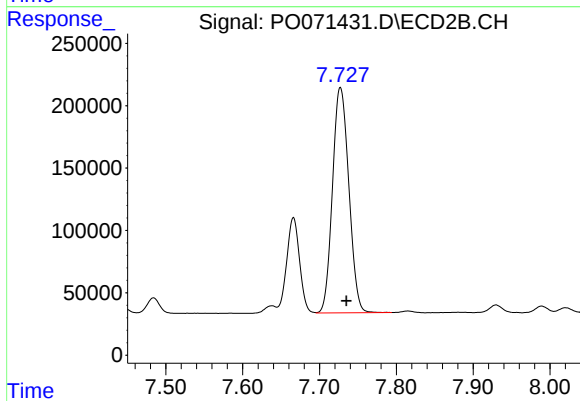
#41 AR-1268-1

R.T.: 7.666 min
Delta R.T.: -0.003 min
Response: 895154
Conc: 91.27 ng/ml



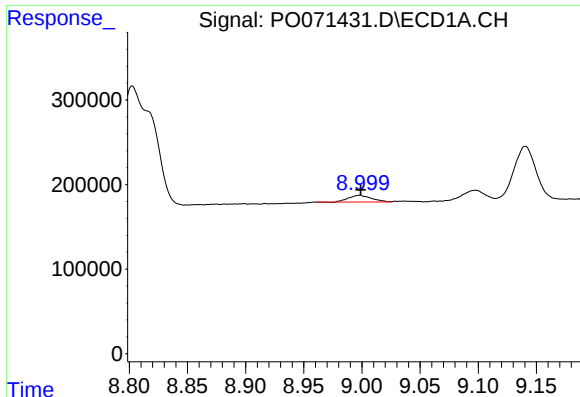
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.016 min
Response: 2696375
Conc: 192.88 ng/ml



#42 AR-1268-2

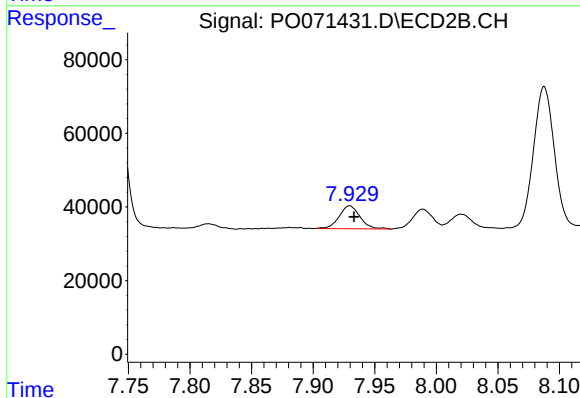
R.T.: 7.727 min
Delta R.T.: -0.008 min
Response: 2647438
Conc: 308.51 ng/ml



#43 AR-1268-3

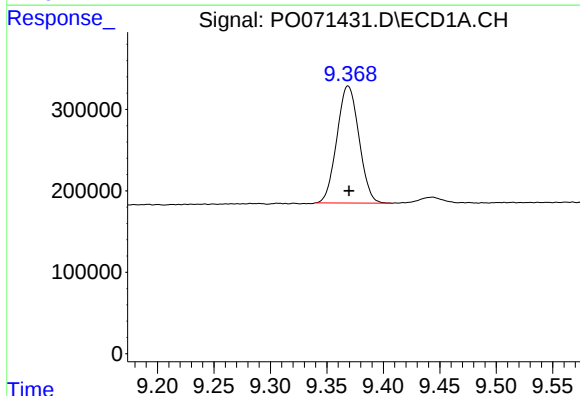
R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 108961
Conc: 9.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



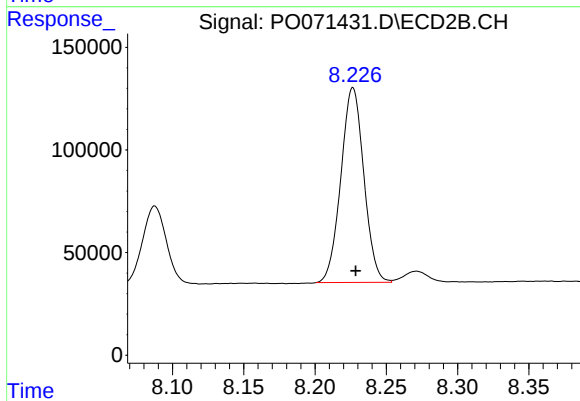
#43 AR-1268-3

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 73464
Conc: 10.06 ng/ml



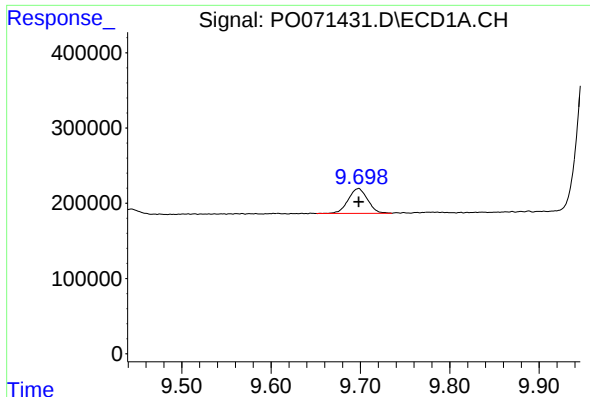
#44 AR-1268-4

R.T.: 9.369 min
Delta R.T.: 0.000 min
Response: 1954428
Conc: 380.66 ng/ml



#44 AR-1268-4

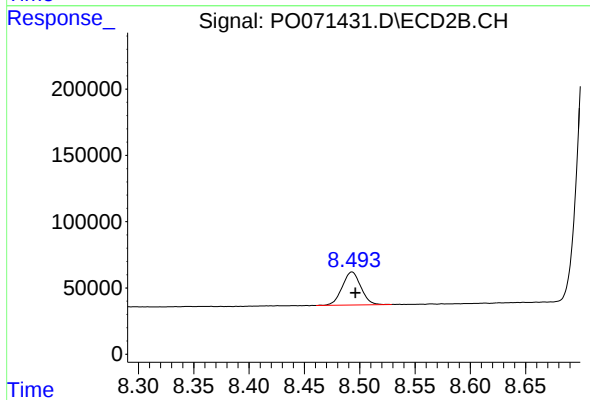
R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 1065432
Conc: 335.32 ng/ml



#45 AR-1268-5

R.T.: 9.698 min
Delta R.T.: 0.000 min
Response: 496575
Conc: 14.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 292174
Conc: 13.60 ng/ml