

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100920\
 Data File : PO072196.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2020 16:52
 Operator : DD\AJ
 Sample : L4309-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 18:13:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 05 11:48:20 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...	4.323	3.507	1912188	877534	26.623	23.428
2)	SA Decachlor...	9.926	8.678	2410222	1248868	21.890	21.956
Target Compounds							
3)	L1 AR-1016-1	5.626	4.727	774058	362952	255.464	223.411
4)	L1 AR-1016-2	5.647	4.745	1124980	518893	257.570	228.548
5)	L1 AR-1016-3	5.710	4.929	674810	287443	263.127	233.646
6)	L1 AR-1016-4	5.817	4.987	580292	239685	267.266	224.563
7)	L1 AR-1016-5	6.125	5.206	545471	288290	246.418	227.503
8)	L2 AR-1221-1	0.000	3.754	0	31578	N.D.	72.912 #
9)	L2 AR-1221-2	4.673	3.852	48636	59699	88.050	184.829 #
10)	L2 AR-1221-3	4.760	3.936	303008	185218	167.676	186.621
11)	L3 AR-1232-1	4.760	3.936	303008	185218	200.187	217.593
12)	L3 AR-1232-2	5.332	4.745	575812	518893	725.974	551.781
13)	L3 AR-1232-3	5.647	4.929	1124980	287443	653.463	578.103
14)	L3 AR-1232-4	5.817	5.028	580292	260206	665.299	631.143
15)	L3 AR-1232-5	5.915	5.206	422311	288290	772.159	594.042
16)	L4 AR-1242-1	5.626	4.727	774058	362952	355.032	325.569
17)	L4 AR-1242-2	5.647	4.745	1124980	518893	362.065	331.770
18)	L4 AR-1242-3	5.710	4.929	674810	287443	362.456	329.372
19)	L4 AR-1242-4	5.817	5.028	580292	260206	375.070	325.761
20)	L4 AR-1242-5	6.587	5.579	98312	248439	50.787	213.175 #
21)	L5 AR-1248-1	5.626	4.727	774058	362952	491.507	426.699
22)	L5 AR-1248-2	5.915	4.987	422311	239685	205.210	200.315
23)	L5 AR-1248-3	6.125	5.028	545471	260206	217.975	229.412
24)	L5 AR-1248-4	6.550	5.206	149756	288290	44.192	203.804 #
25)	L5 AR-1248-5	6.587	5.621	98312	58490	30.940	37.649
26)	L6 AR-1254-1	6.516	5.579	552389	248439	158.108	103.956 #
27)	L6 AR-1254-2	6.743	5.741	669057	262529	121.525	122.736
28)	L6 AR-1254-3	7.124	6.150	641134	155054	111.015	45.669 #
29)	L6 AR-1254-4	7.410	6.390	407626	193347	69.967	79.627
30)	L6 AR-1254-5	7.834	6.810	2334696	1027100	433.808	313.895 #
31)	L7 AR-1260-1	7.281	6.285	1324053	723385	276.266	282.527
32)	L7 AR-1260-2	7.547	6.486	2037784	813834	272.061	254.396
33)	L7 AR-1260-3	7.905	6.632	1415839	745329	222.082	252.549
34)	L7 AR-1260-4	8.131	7.107	1472660	573877	245.339	216.898
35)	L7 AR-1260-5	8.446	7.360	3118688	1330182	225.063	200.211
36)	L8 AR-1262-1	7.905	6.810	1415839	1027100	171.817	579.947 #
37)	L8 AR-1262-2	8.446	7.360	3118688	1330182	223.909	211.510
38)	L8 AR-1262-3	8.714	7.639	620608	293170	101.393	108.066
39)	L8 AR-1262-4	8.779f	7.700	1141416	982285	170.630	202.773
40)	L8 AR-1262-5	9.342	8.199	696002	333837	143.890	134.769
41)	L9 AR-1268-1	8.714	7.639	620608	293170	36.719	38.142

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 ALS Vial : 30 Sample Multiplier: 1

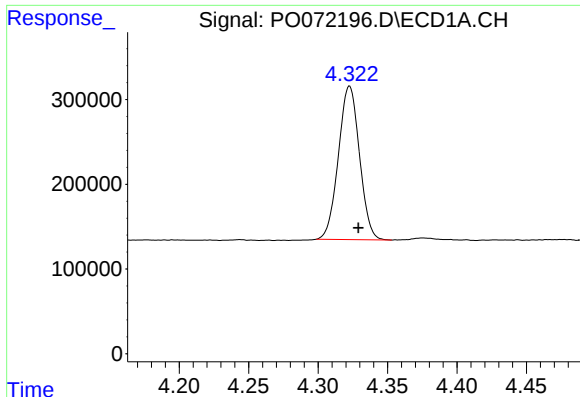
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
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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	8.779f	7.700	1141416	982285	80.259	140.691 #
43) L9	AR-1268-3	0.000	7.902	0	37250	N.D.	6.238 #
44) L9	AR-1268-4	9.342	8.199	696002	333837	127.432	120.165
45) L9	AR-1268-5	9.669	8.466	240273	133380	6.553	7.050

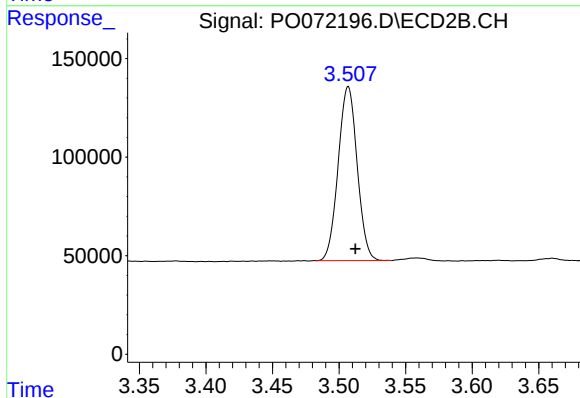
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

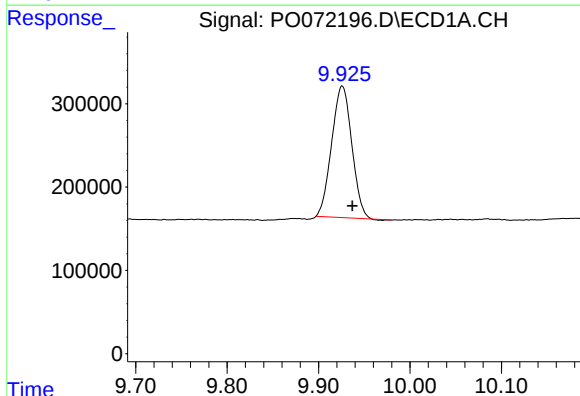
R.T.: 4.323 min
Delta R.T.: -0.006 min
Response: 1912188
Conc: 26.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



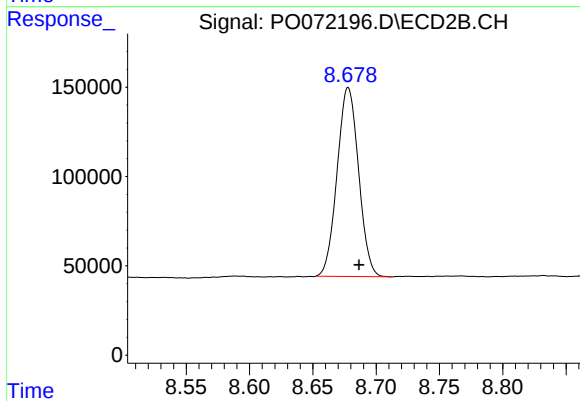
#1 Tetrachloro-m-xylene

R.T.: 3.507 min
Delta R.T.: -0.005 min
Response: 877534
Conc: 23.43 ng/ml



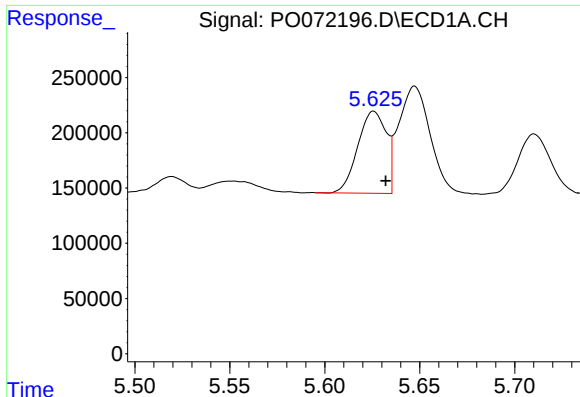
#2 Decachlorobiphenyl

R.T.: 9.926 min
Delta R.T.: -0.011 min
Response: 2410222
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

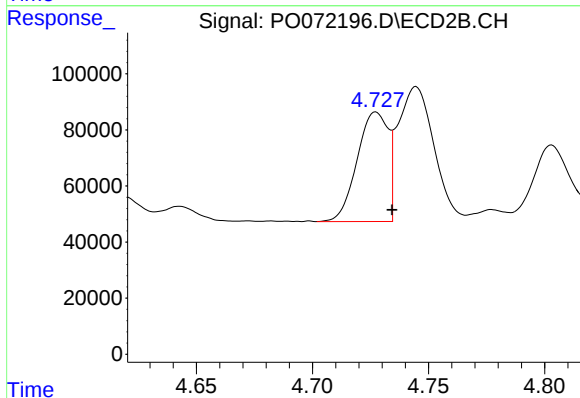
R.T.: 8.678 min
Delta R.T.: -0.009 min
Response: 1248868
Conc: 21.96 ng/ml



#3 AR-1016-1

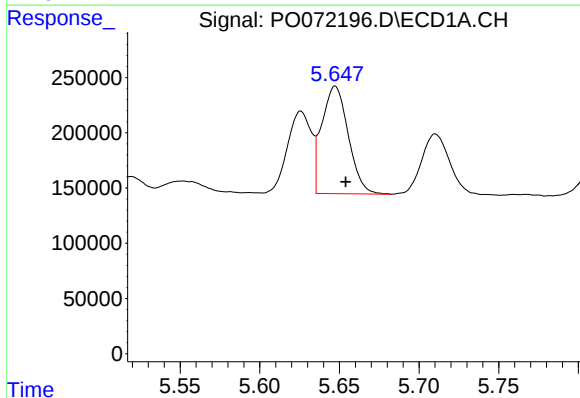
R.T.: 5.626 min
Delta R.T.: -0.006 min
Response: 774058
Conc: 255.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



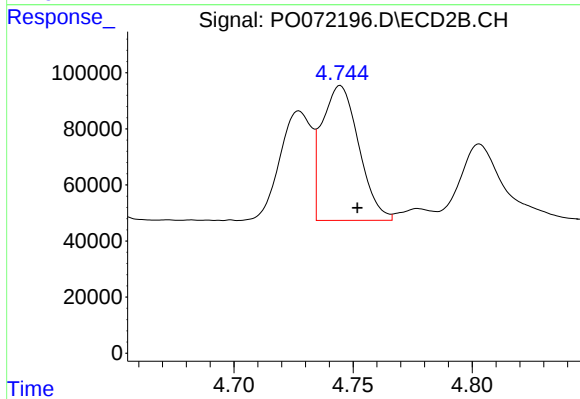
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: -0.007 min
Response: 362952
Conc: 223.41 ng/ml



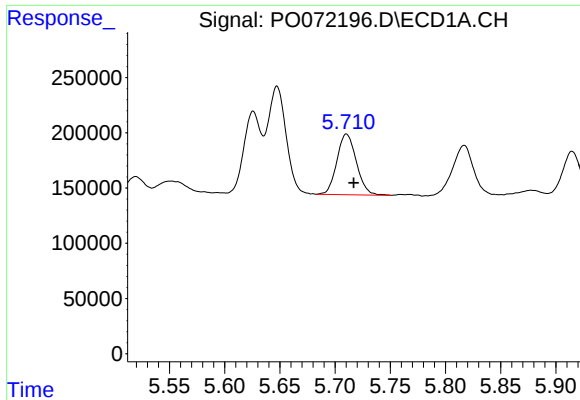
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.007 min
Response: 1124980
Conc: 257.57 ng/ml



#4 AR-1016-2

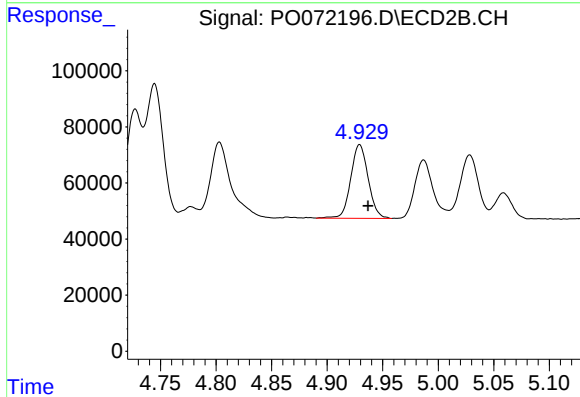
R.T.: 4.745 min
Delta R.T.: -0.007 min
Response: 518893
Conc: 228.55 ng/ml



#5 AR-1016-3

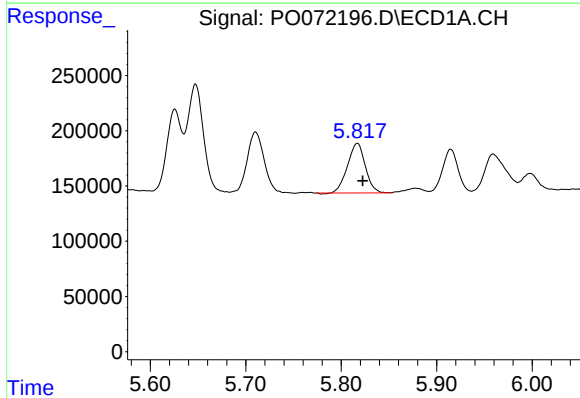
R.T.: 5.710 min
Delta R.T.: -0.007 min
Response: 674810
Conc: 263.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



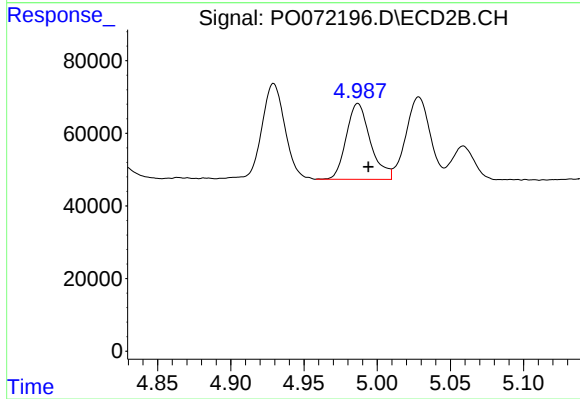
#5 AR-1016-3

R.T.: 4.929 min
Delta R.T.: -0.007 min
Response: 287443
Conc: 233.65 ng/ml



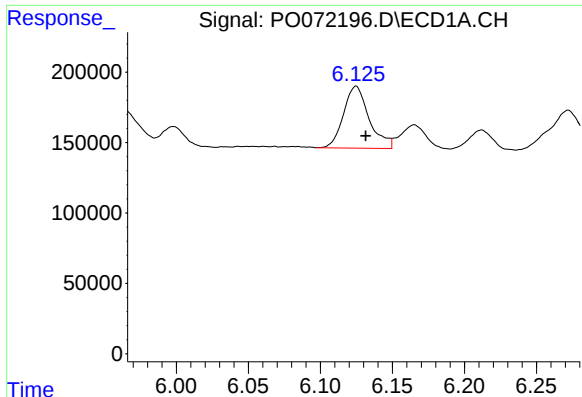
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.006 min
Response: 580292
Conc: 267.27 ng/ml



#6 AR-1016-4

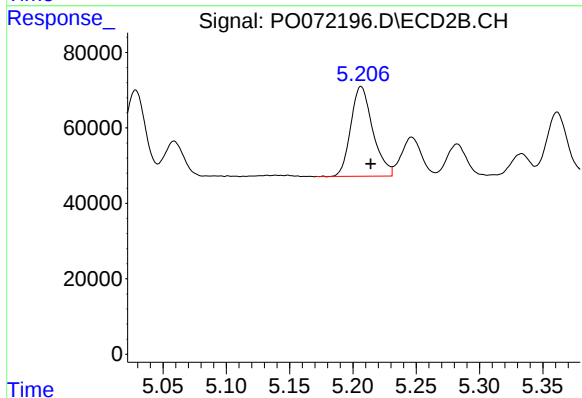
R.T.: 4.987 min
Delta R.T.: -0.007 min
Response: 239685
Conc: 224.56 ng/ml



#7 AR-1016-5

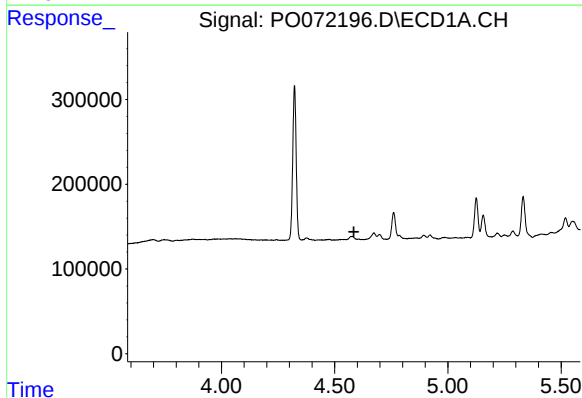
R.T.: 6.125 min
Delta R.T.: -0.007 min
Response: 545471
Conc: 246.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



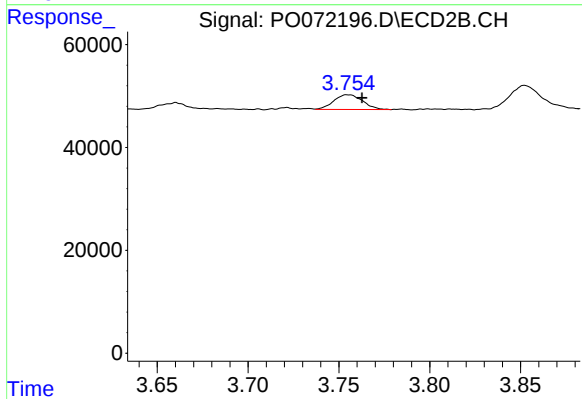
#7 AR-1016-5

R.T.: 5.206 min
Delta R.T.: -0.008 min
Response: 288290
Conc: 227.50 ng/ml



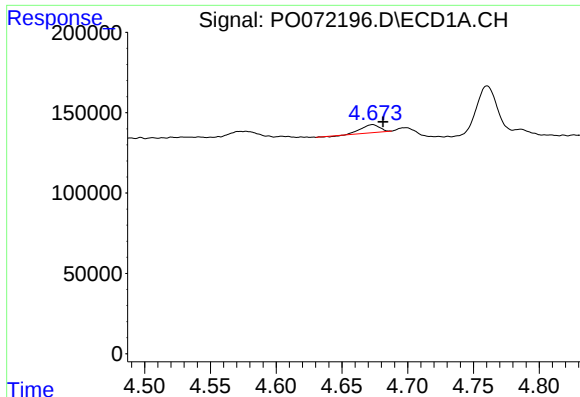
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.585 min
Response: 0
Conc: N.D.



#8 AR-1221-1

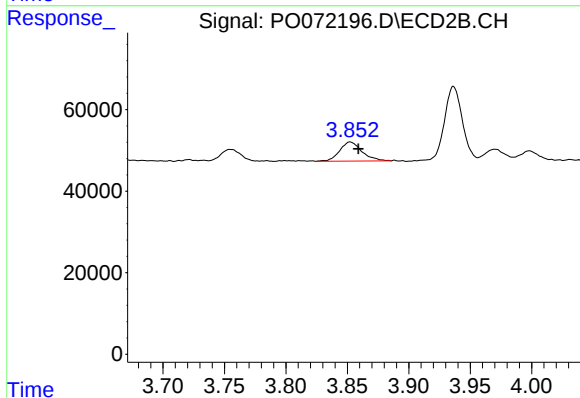
R.T.: 3.754 min
Delta R.T.: -0.009 min
Response: 31578
Conc: 72.91 ng/ml



#9 AR-1221-2

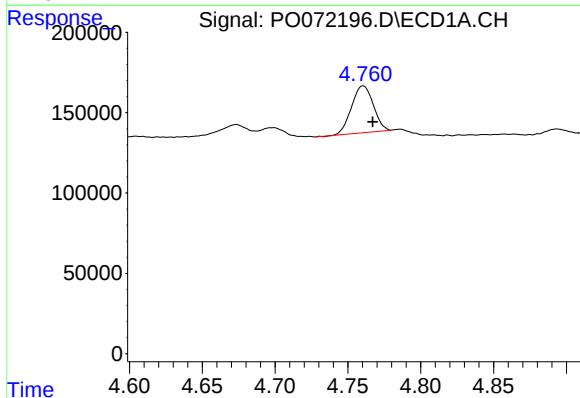
R.T.: 4.673 min
Delta R.T.: -0.008 min
Response: 48636
Conc: 88.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



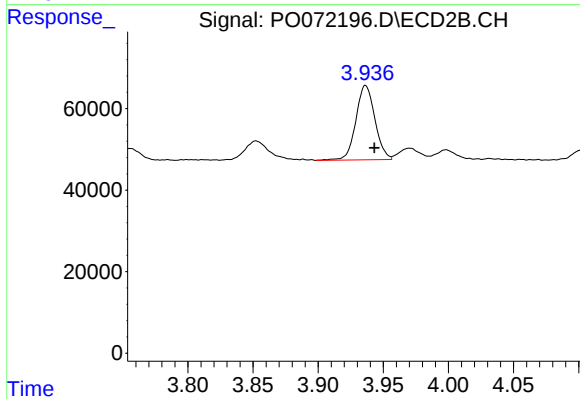
#9 AR-1221-2

R.T.: 3.852 min
Delta R.T.: -0.007 min
Response: 59699
Conc: 184.83 ng/ml



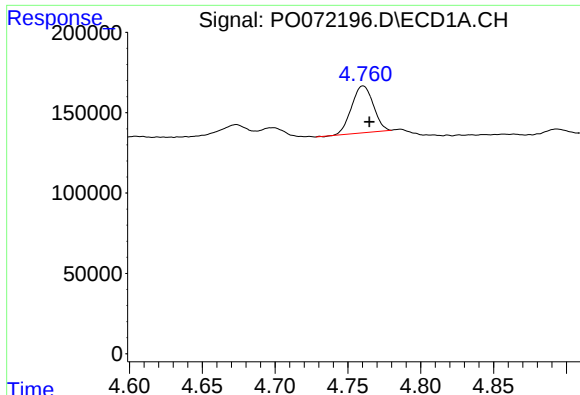
#10 AR-1221-3

R.T.: 4.760 min
Delta R.T.: -0.007 min
Response: 303008
Conc: 167.68 ng/ml



#10 AR-1221-3

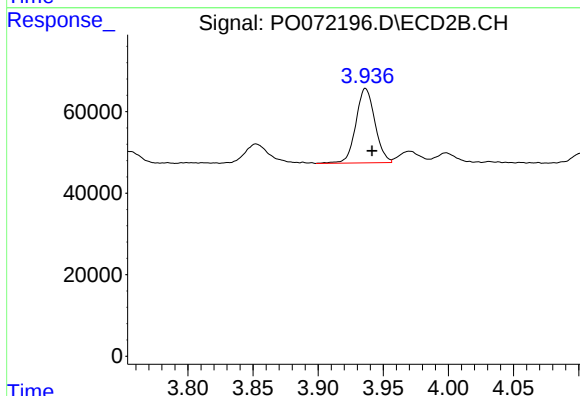
R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 185218
Conc: 186.62 ng/ml



#11 AR-1232-1

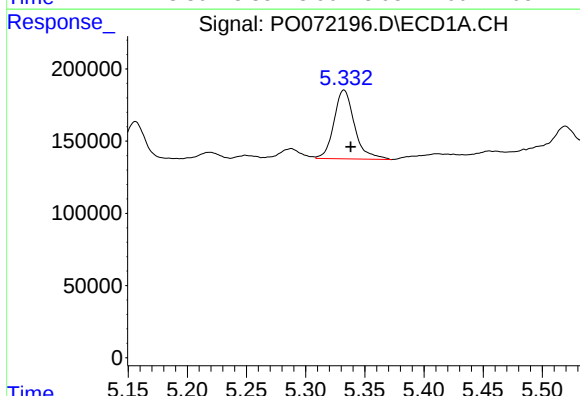
R.T.: 4.760 min
Delta R.T.: -0.004 min
Response: 303008
Conc: 200.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



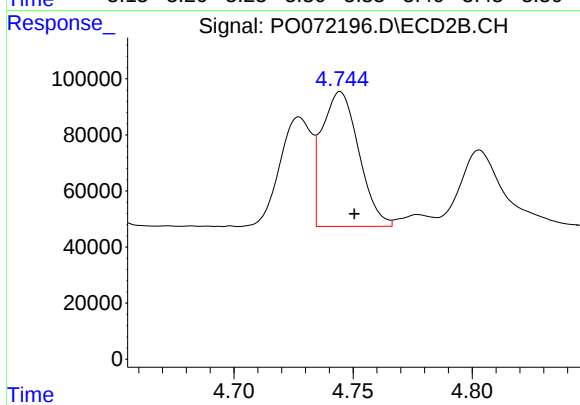
#11 AR-1232-1

R.T.: 3.936 min
Delta R.T.: -0.005 min
Response: 185218
Conc: 217.59 ng/ml



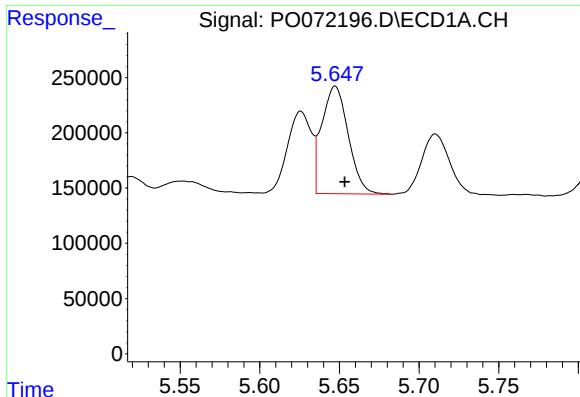
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 575812
Conc: 725.97 ng/ml



#12 AR-1232-2

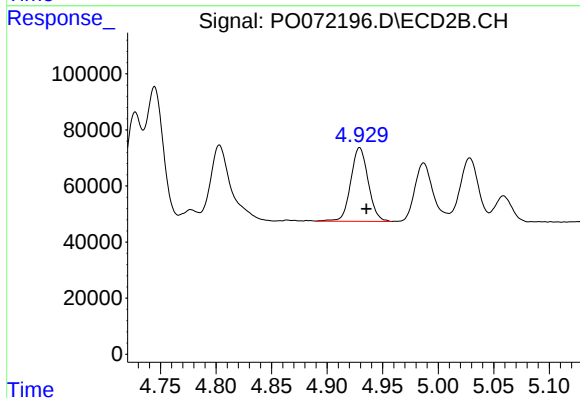
R.T.: 4.745 min
Delta R.T.: -0.006 min
Response: 518893
Conc: 551.78 ng/ml



#13 AR-1232-3

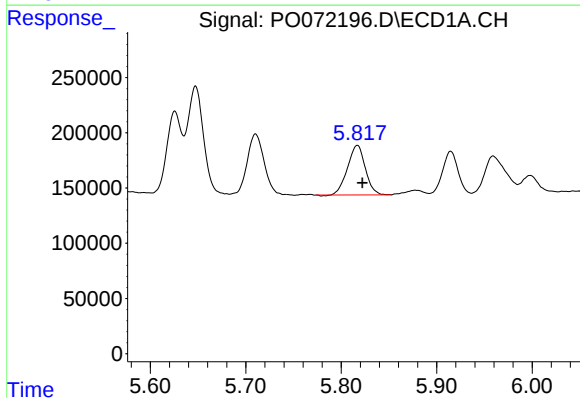
R.T.: 5.647 min
Delta R.T.: -0.006 min
Response: 1124980
Conc: 653.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



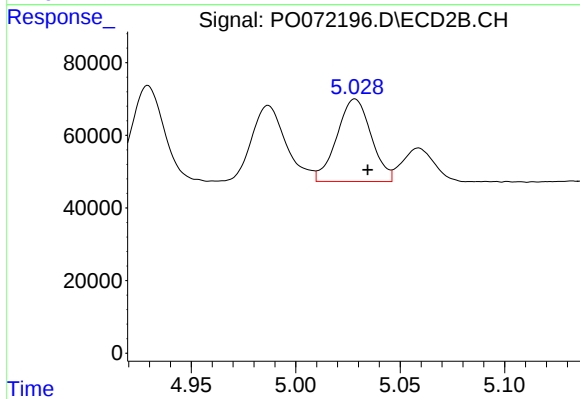
#13 AR-1232-3

R.T.: 4.929 min
Delta R.T.: -0.006 min
Response: 287443
Conc: 578.10 ng/ml



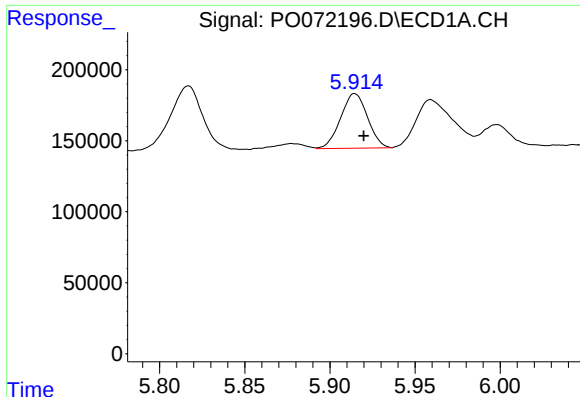
#14 AR-1232-4

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 580292
Conc: 665.30 ng/ml



#14 AR-1232-4

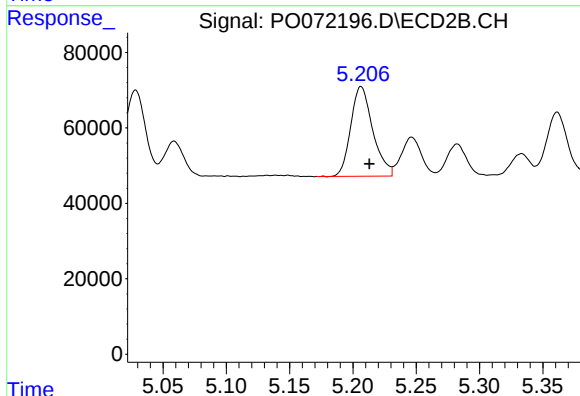
R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 260206
Conc: 631.14 ng/ml



#15 AR-1232-5

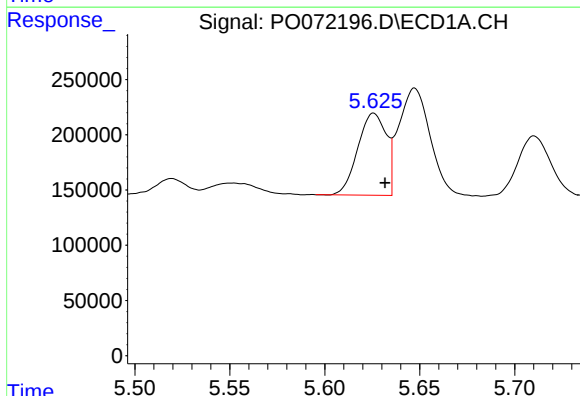
R.T.: 5.915 min
Delta R.T.: -0.005 min
Response: 422311
Conc: 772.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



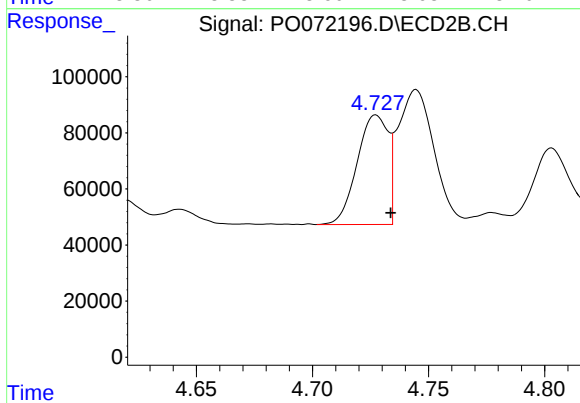
#15 AR-1232-5

R.T.: 5.206 min
Delta R.T.: -0.007 min
Response: 288290
Conc: 594.04 ng/ml



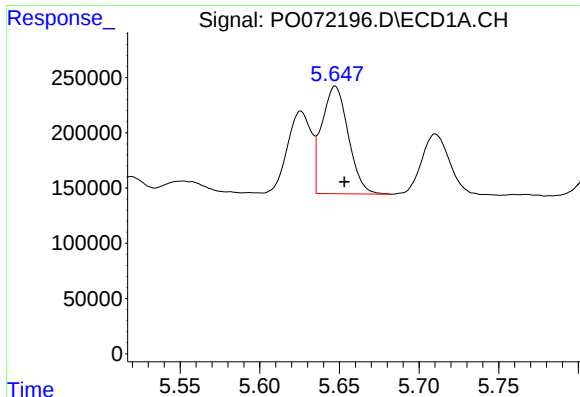
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: -0.006 min
Response: 774058
Conc: 355.03 ng/ml



#16 AR-1242-1

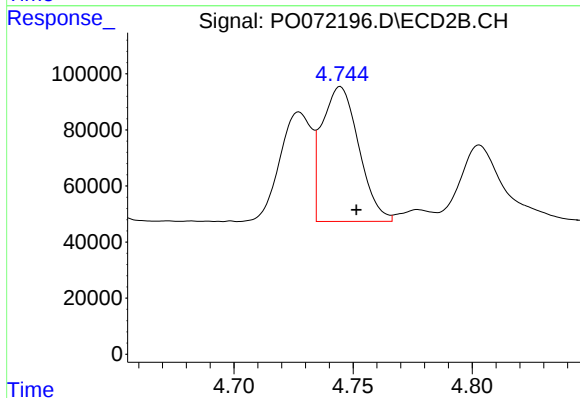
R.T.: 4.727 min
Delta R.T.: -0.006 min
Response: 362952
Conc: 325.57 ng/ml



#17 AR-1242-2

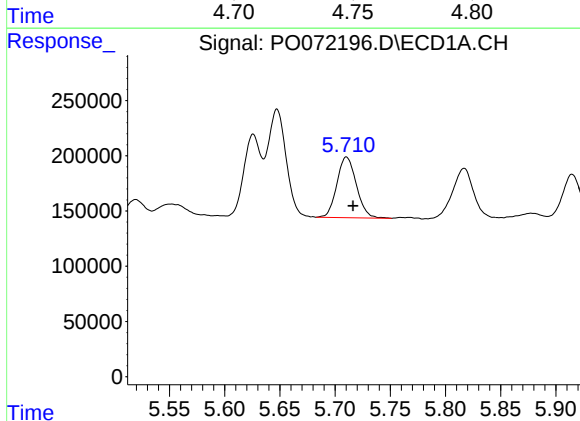
R.T.: 5.647 min
Delta R.T.: -0.006 min
Response: 1124980
Conc: 362.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



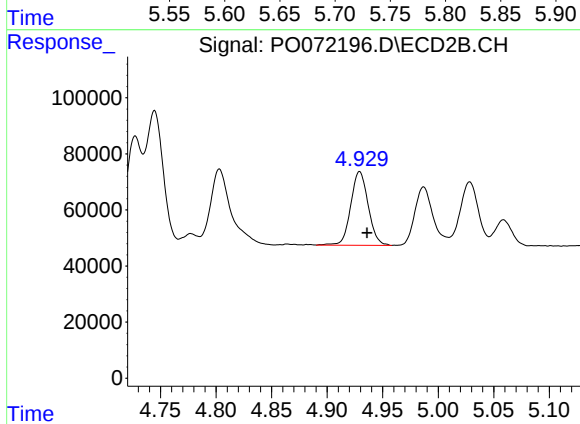
#17 AR-1242-2

R.T.: 4.745 min
Delta R.T.: -0.007 min
Response: 518893
Conc: 331.77 ng/ml



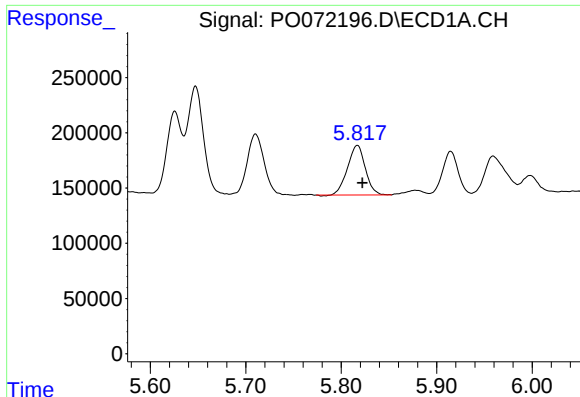
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 674810
Conc: 362.46 ng/ml



#18 AR-1242-3

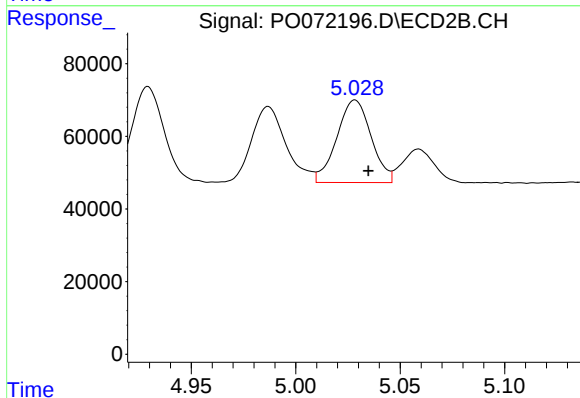
R.T.: 4.929 min
Delta R.T.: -0.007 min
Response: 287443
Conc: 329.37 ng/ml



#19 AR-1242-4

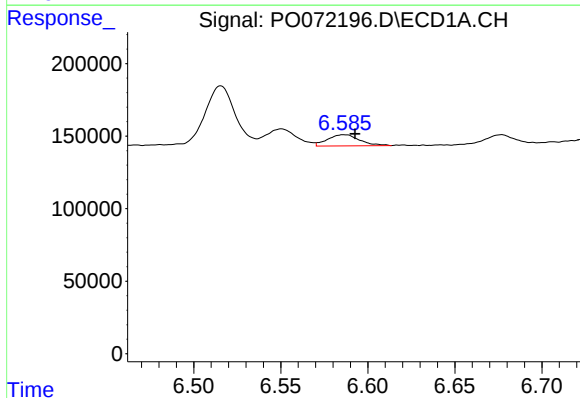
R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 580292
Conc: 375.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



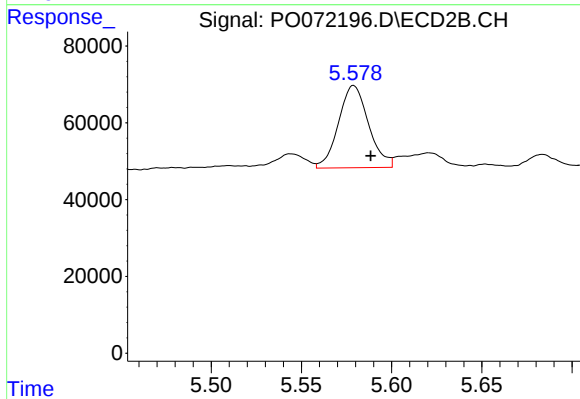
#19 AR-1242-4

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 260206
Conc: 325.76 ng/ml



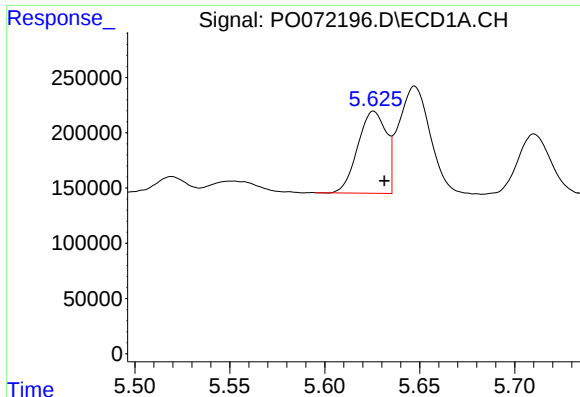
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: -0.006 min
Response: 98312
Conc: 50.79 ng/ml



#20 AR-1242-5

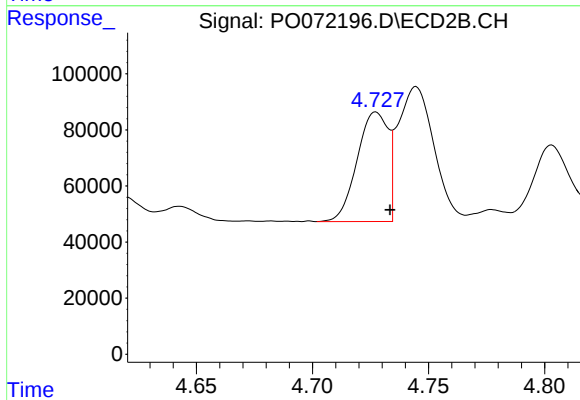
R.T.: 5.579 min
Delta R.T.: -0.010 min
Response: 248439
Conc: 213.17 ng/ml



#21 AR-1248-1

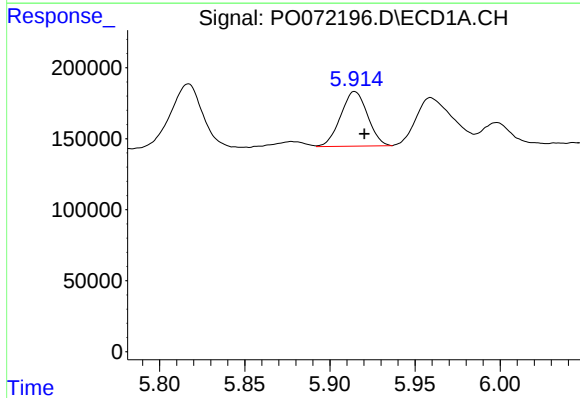
R.T.: 5.626 min
Delta R.T.: -0.006 min
Response: 774058
Conc: 491.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



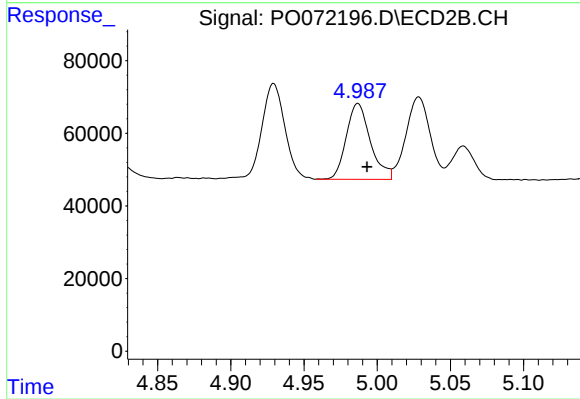
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: -0.006 min
Response: 362952
Conc: 426.70 ng/ml



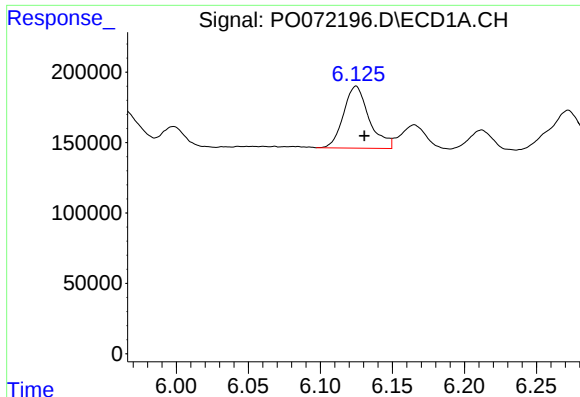
#22 AR-1248-2

R.T.: 5.915 min
Delta R.T.: -0.006 min
Response: 422311
Conc: 205.21 ng/ml



#22 AR-1248-2

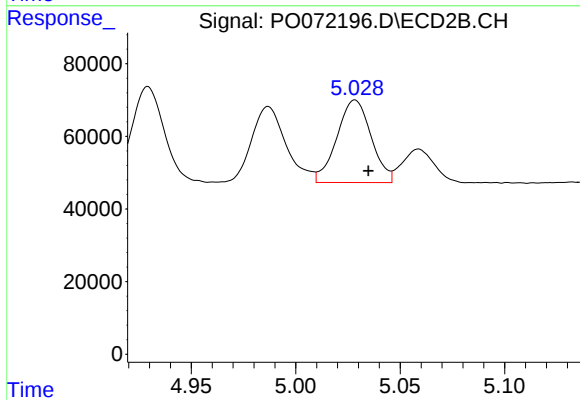
R.T.: 4.987 min
Delta R.T.: -0.006 min
Response: 239685
Conc: 200.31 ng/ml



#23 AR-1248-3

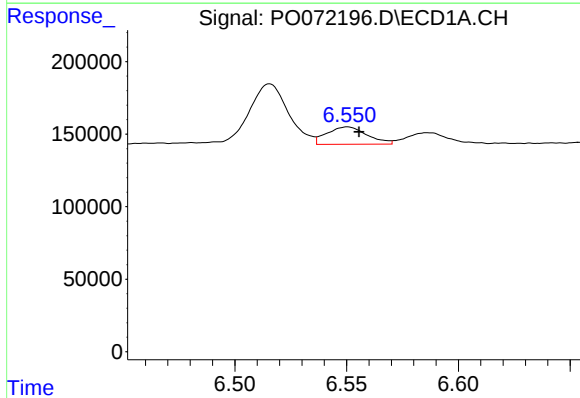
R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 545471
Conc: 217.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



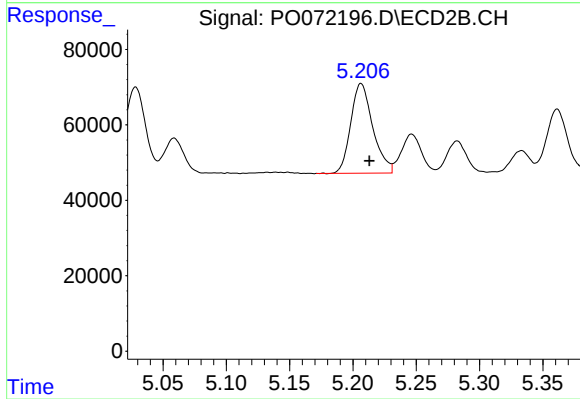
#23 AR-1248-3

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 260206
Conc: 229.41 ng/ml



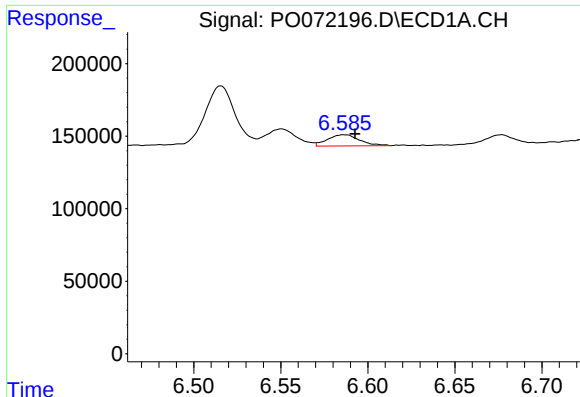
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: -0.005 min
Response: 149756
Conc: 44.19 ng/ml



#24 AR-1248-4

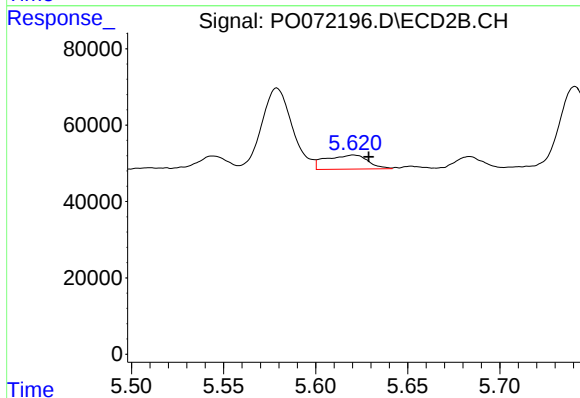
R.T.: 5.206 min
Delta R.T.: -0.007 min
Response: 288290
Conc: 203.80 ng/ml



#25 AR-1248-5

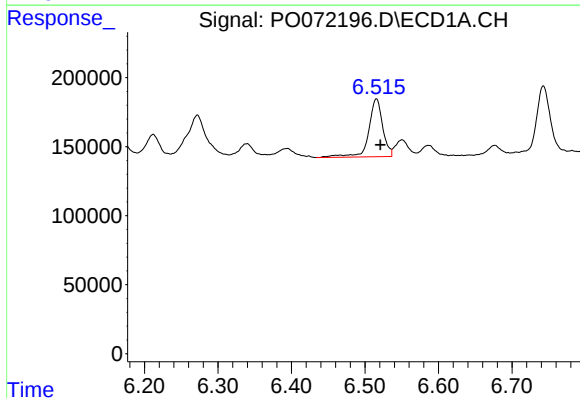
R.T.: 6.587 min
Delta R.T.: -0.006 min
Response: 98312
Conc: 30.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



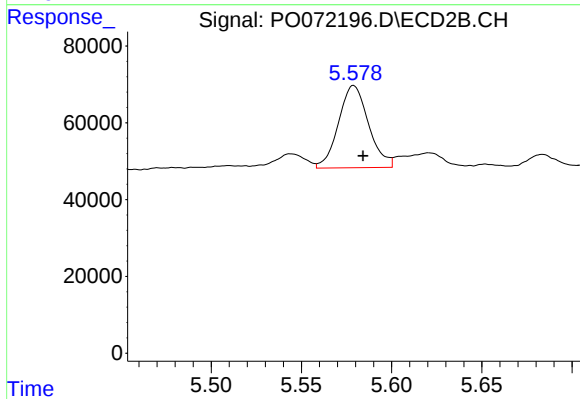
#25 AR-1248-5

R.T.: 5.621 min
Delta R.T.: -0.008 min
Response: 58490
Conc: 37.65 ng/ml



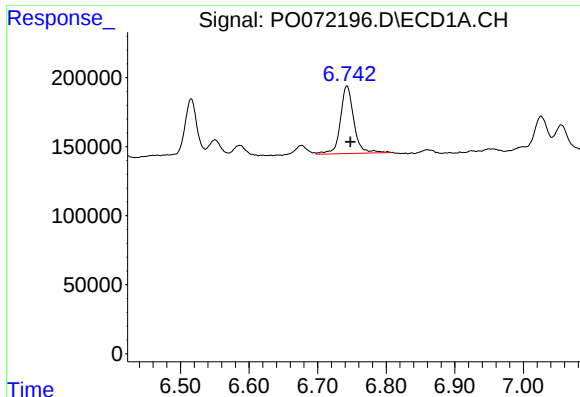
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: -0.005 min
Response: 552389
Conc: 158.11 ng/ml



#26 AR-1254-1

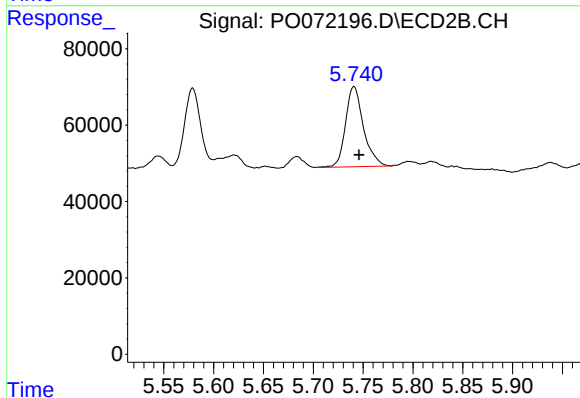
R.T.: 5.579 min
Delta R.T.: -0.005 min
Response: 248439
Conc: 103.96 ng/ml



#27 AR-1254-2

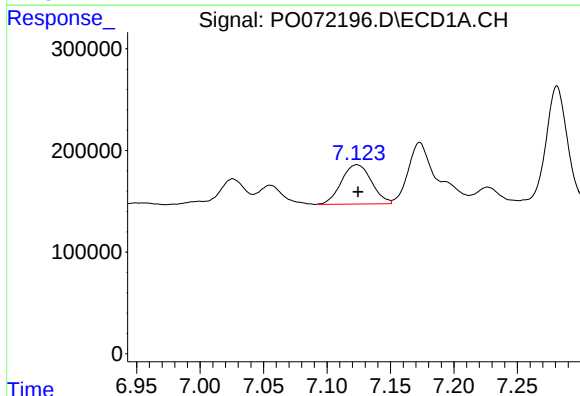
R.T.: 6.743 min
Delta R.T.: -0.005 min
Response: 669057
Conc: 121.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



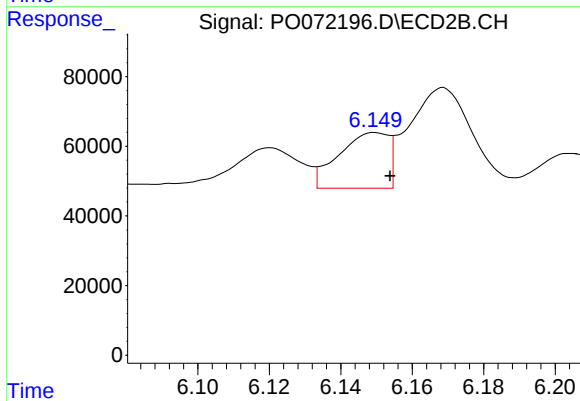
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: -0.005 min
Response: 262529
Conc: 122.74 ng/ml



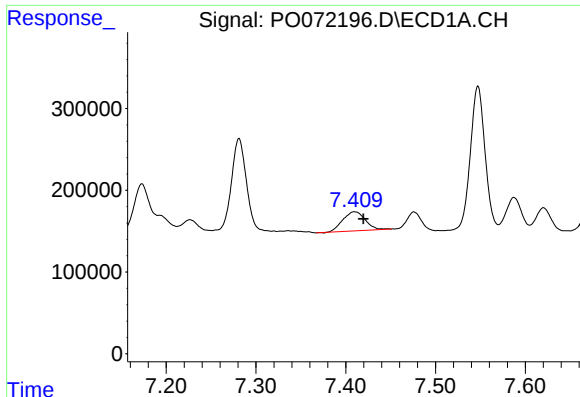
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: -0.001 min
Response: 641134
Conc: 111.02 ng/ml



#28 AR-1254-3

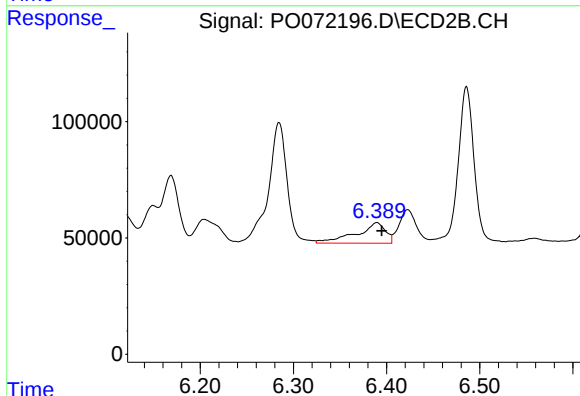
R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 155054
Conc: 45.67 ng/ml



#29 AR-1254-4

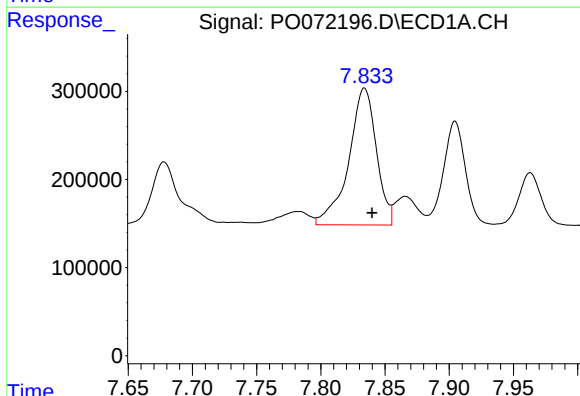
R.T.: 7.410 min
Delta R.T.: -0.010 min
Response: 407626
Conc: 69.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



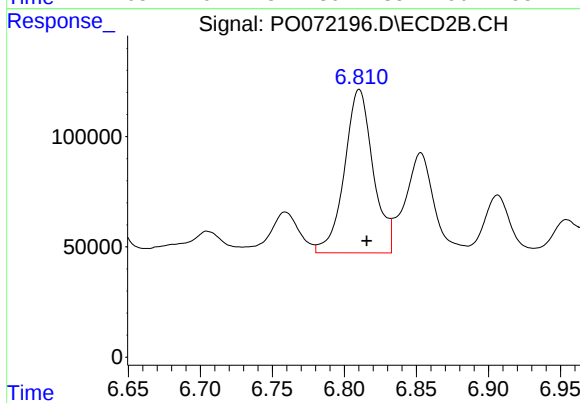
#29 AR-1254-4

R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 193347
Conc: 79.63 ng/ml



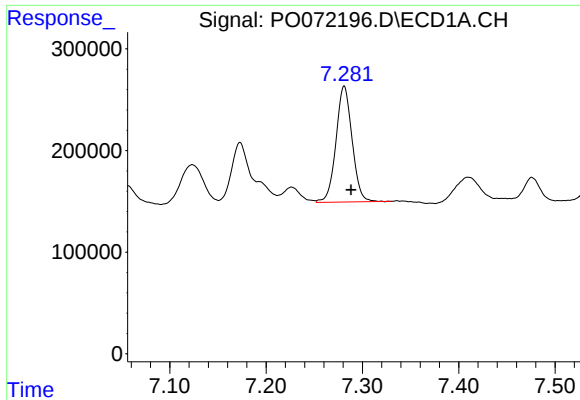
#30 AR-1254-5

R.T.: 7.834 min
Delta R.T.: -0.006 min
Response: 2334696
Conc: 433.81 ng/ml



#30 AR-1254-5

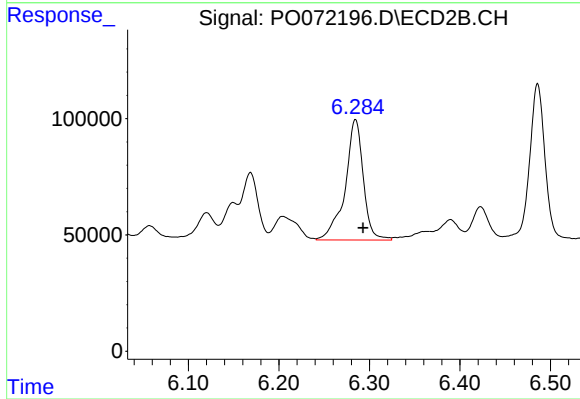
R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 1027100
Conc: 313.90 ng/ml



#31 AR-1260-1

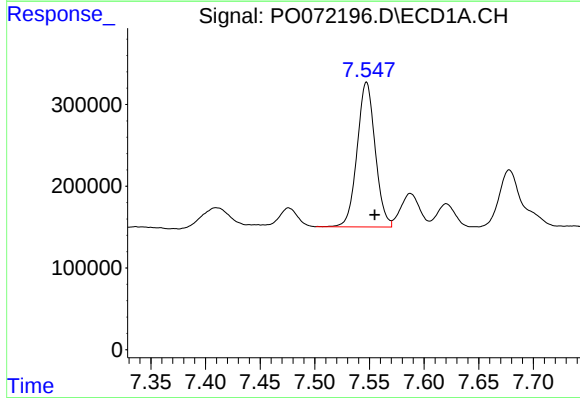
R.T.: 7.281 min
Delta R.T.: -0.007 min
Response: 1324053
Conc: 276.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



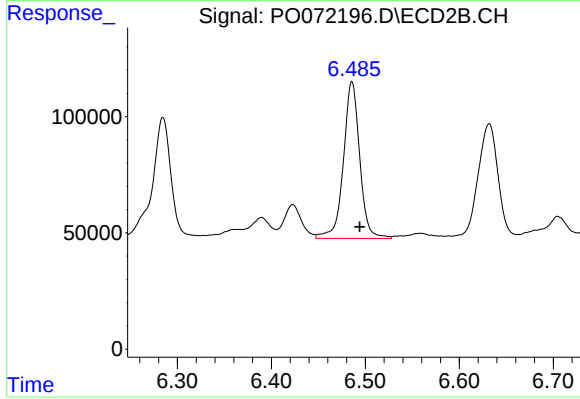
#31 AR-1260-1

R.T.: 6.285 min
Delta R.T.: -0.008 min
Response: 723385
Conc: 282.53 ng/ml



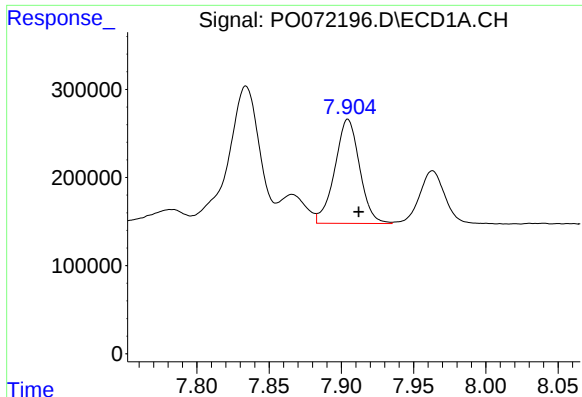
#32 AR-1260-2

R.T.: 7.547 min
Delta R.T.: -0.007 min
Response: 2037784
Conc: 272.06 ng/ml



#32 AR-1260-2

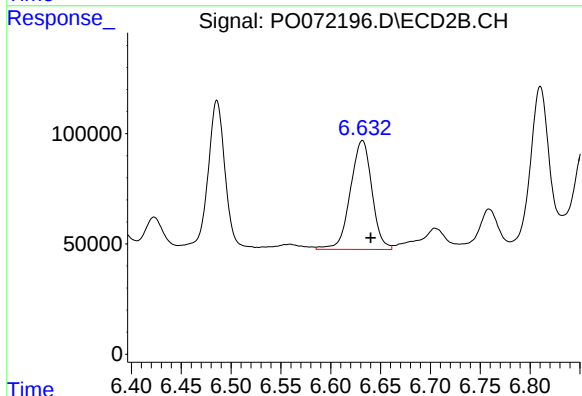
R.T.: 6.486 min
Delta R.T.: -0.008 min
Response: 813834
Conc: 254.40 ng/ml



#33 AR-1260-3

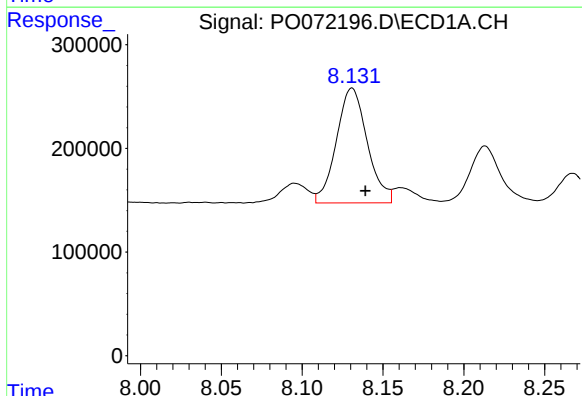
R.T.: 7.905 min
Delta R.T.: -0.007 min
Response: 1415839
Conc: 222.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



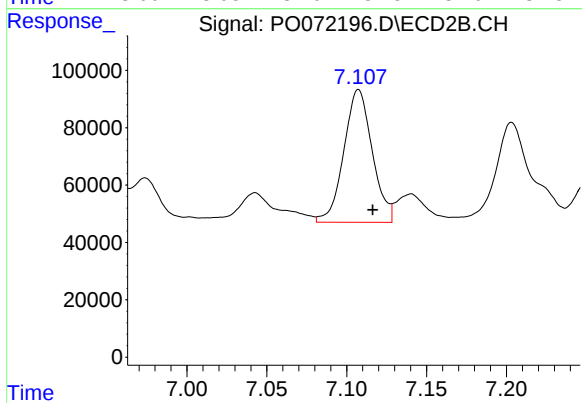
#33 AR-1260-3

R.T.: 6.632 min
Delta R.T.: -0.008 min
Response: 745329
Conc: 252.55 ng/ml



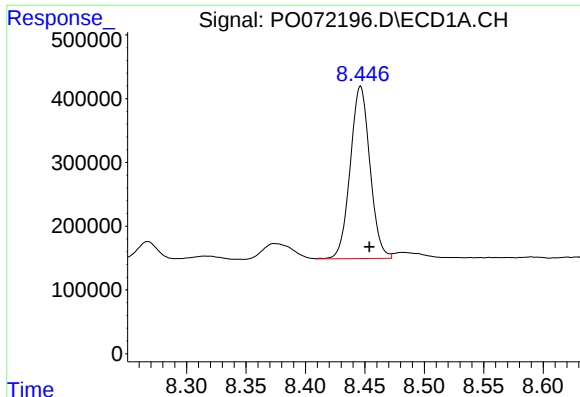
#34 AR-1260-4

R.T.: 8.131 min
Delta R.T.: -0.008 min
Response: 1472660
Conc: 245.34 ng/ml



#34 AR-1260-4

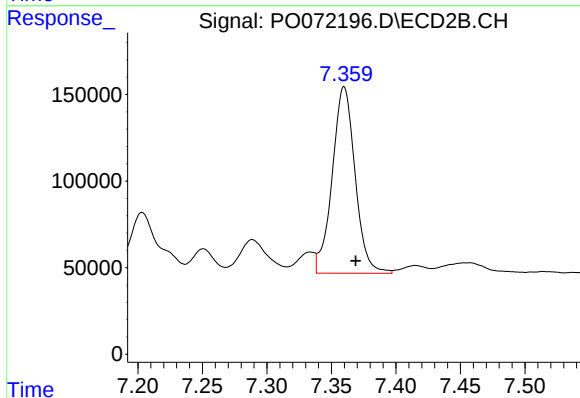
R.T.: 7.107 min
Delta R.T.: -0.009 min
Response: 573877
Conc: 216.90 ng/ml



#35 AR-1260-5

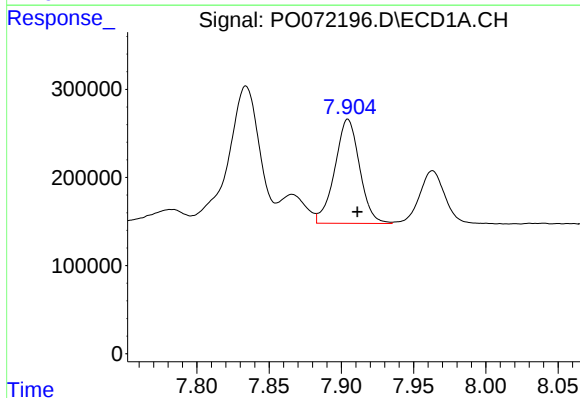
R.T.: 8.446 min
Delta R.T.: -0.007 min
Response: 3118688
Conc: 225.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



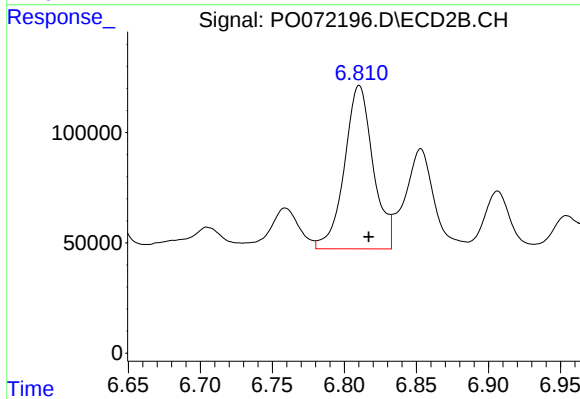
#35 AR-1260-5

R.T.: 7.360 min
Delta R.T.: -0.009 min
Response: 1330182
Conc: 200.21 ng/ml



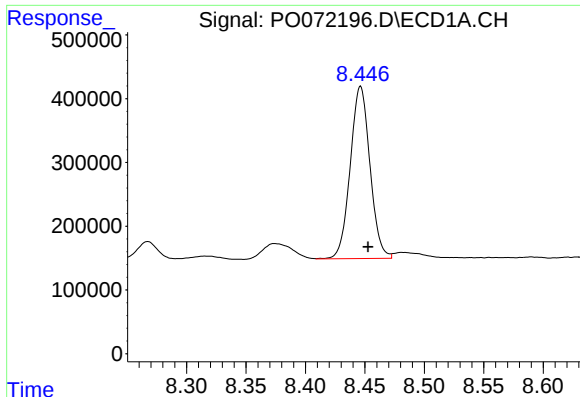
#36 AR-1262-1

R.T.: 7.905 min
Delta R.T.: -0.006 min
Response: 1415839
Conc: 171.82 ng/ml



#36 AR-1262-1

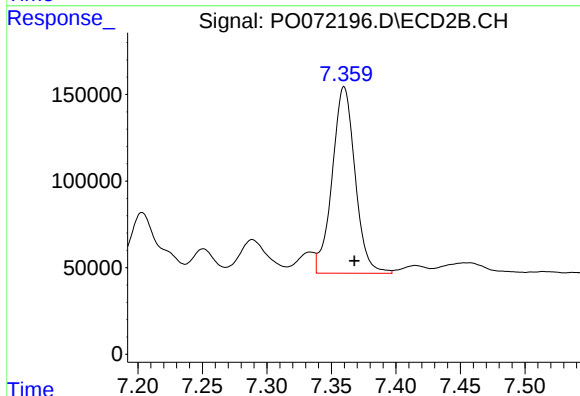
R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 1027100
Conc: 579.95 ng/ml



#37 AR-1262-2

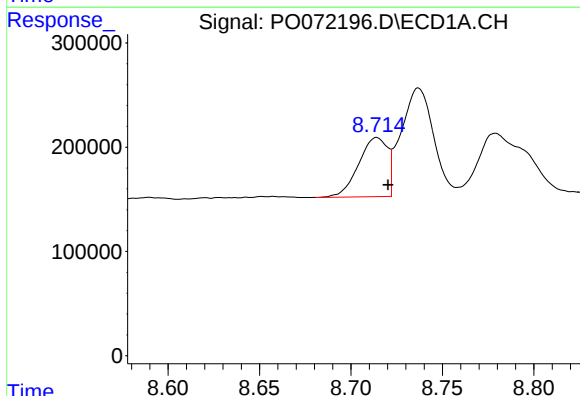
R.T.: 8.446 min
Delta R.T.: -0.006 min
Response: 3118688
Conc: 223.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



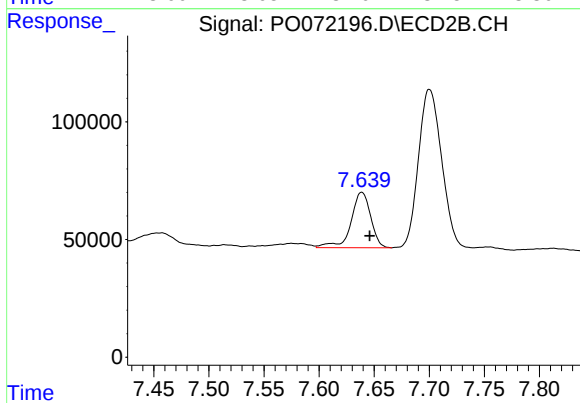
#37 AR-1262-2

R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 1330182
Conc: 211.51 ng/ml



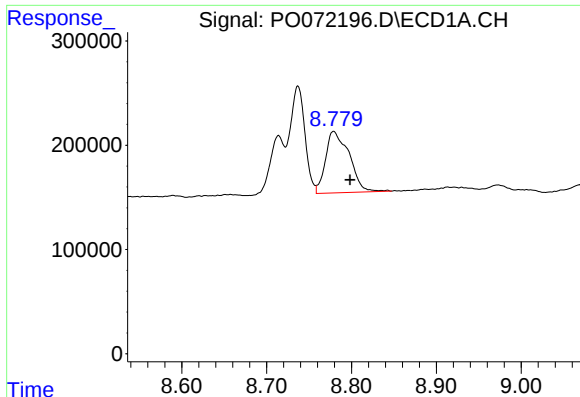
#38 AR-1262-3

R.T.: 8.714 min
Delta R.T.: -0.006 min
Response: 620608
Conc: 101.39 ng/ml



#38 AR-1262-3

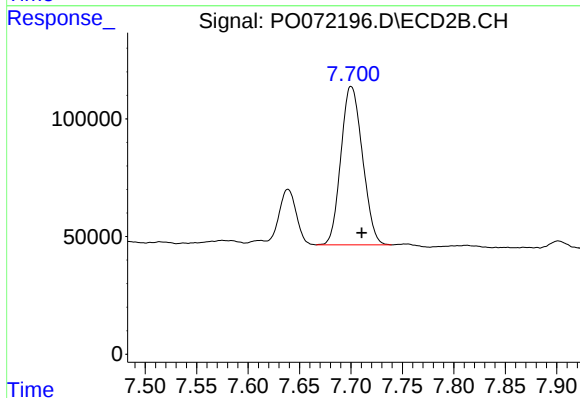
R.T.: 7.639 min
Delta R.T.: -0.007 min
Response: 293170
Conc: 108.07 ng/ml



#39 AR-1262-4

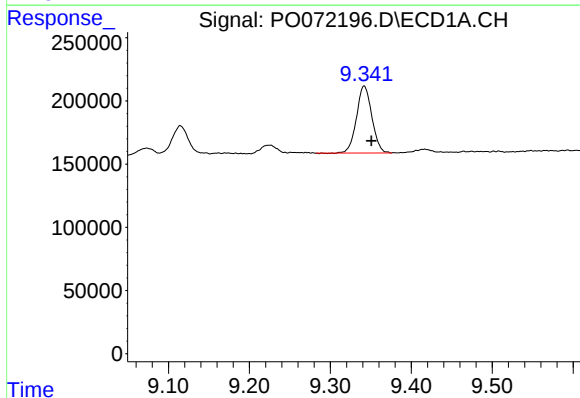
R.T.: 8.779 min
Delta R.T.: -0.019 min
Response: 1141416
Conc: 170.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



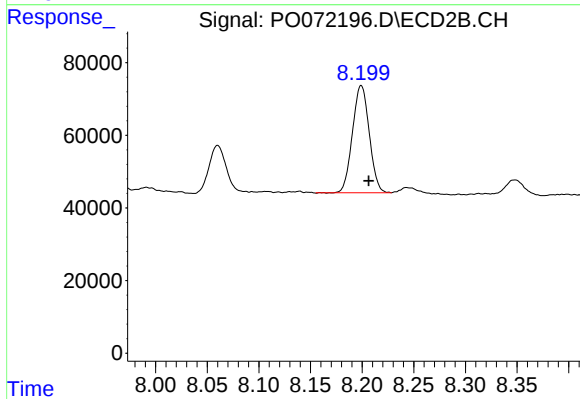
#39 AR-1262-4

R.T.: 7.700 min
Delta R.T.: -0.010 min
Response: 982285
Conc: 202.77 ng/ml



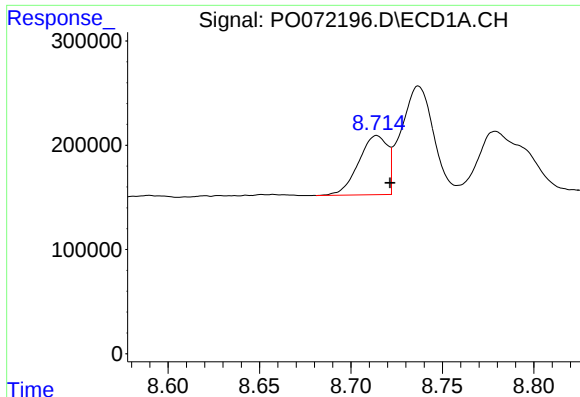
#40 AR-1262-5

R.T.: 9.342 min
Delta R.T.: -0.009 min
Response: 696002
Conc: 143.89 ng/ml



#40 AR-1262-5

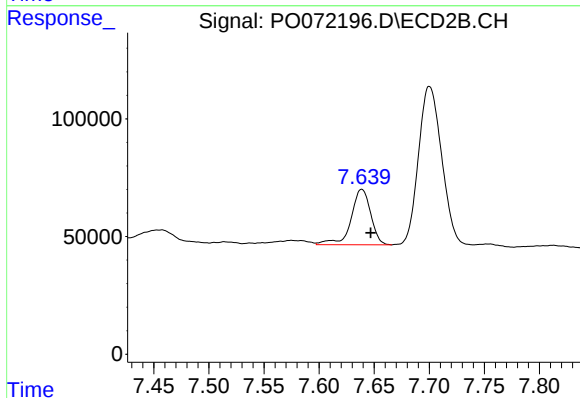
R.T.: 8.199 min
Delta R.T.: -0.007 min
Response: 333837
Conc: 134.77 ng/ml



#41 AR-1268-1

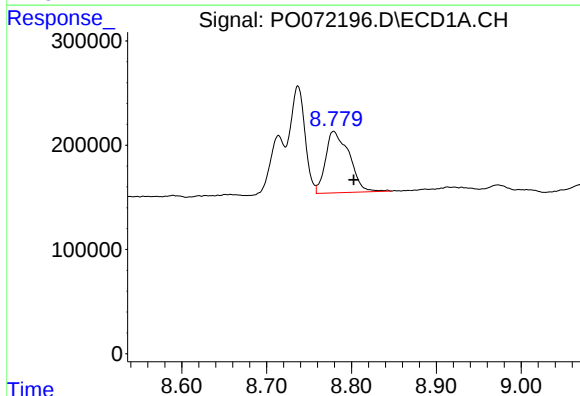
R.T.: 8.714 min
Delta R.T.: -0.007 min
Response: 620608
Conc: 36.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



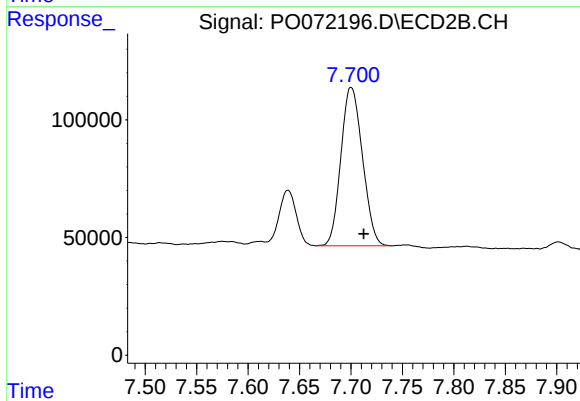
#41 AR-1268-1

R.T.: 7.639 min
Delta R.T.: -0.008 min
Response: 293170
Conc: 38.14 ng/ml



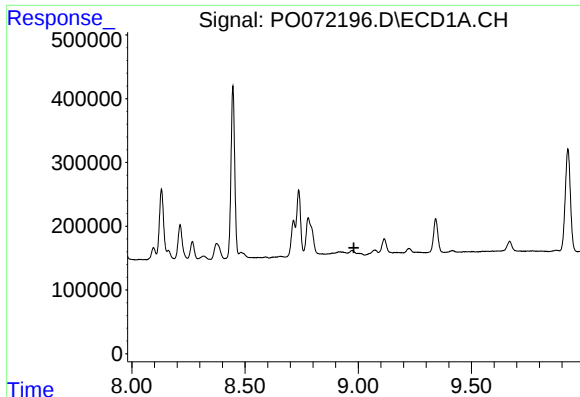
#42 AR-1268-2

R.T.: 8.779 min
Delta R.T.: -0.024 min
Response: 1141416
Conc: 80.26 ng/ml



#42 AR-1268-2

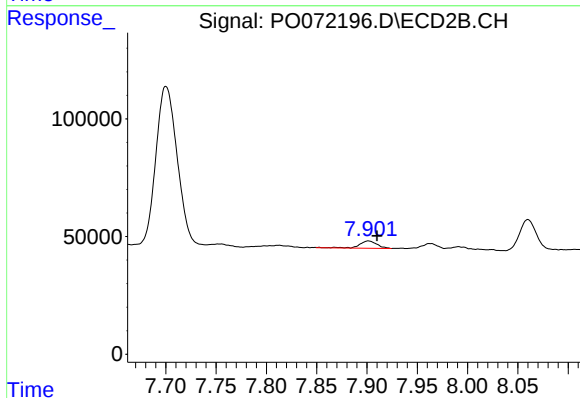
R.T.: 7.700 min
Delta R.T.: -0.012 min
Response: 982285
Conc: 140.69 ng/ml



#43 AR-1268-3

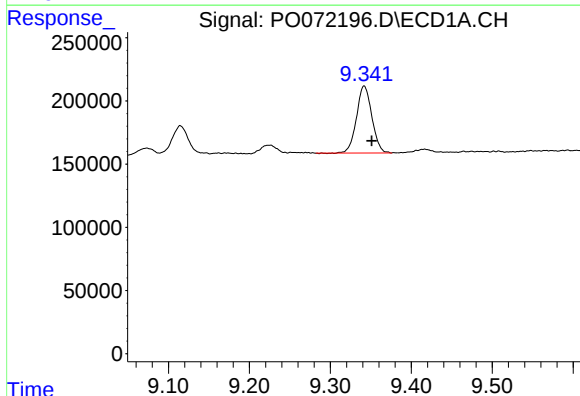
R.T.: 0.000 min
Exp R.T.: 8.981 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



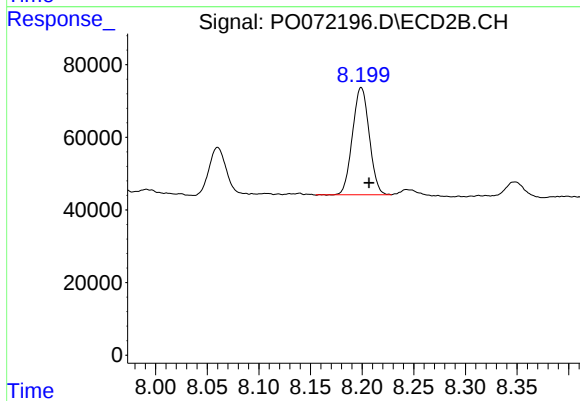
#43 AR-1268-3

R.T.: 7.902 min
Delta R.T.: -0.009 min
Response: 37250
Conc: 6.24 ng/ml



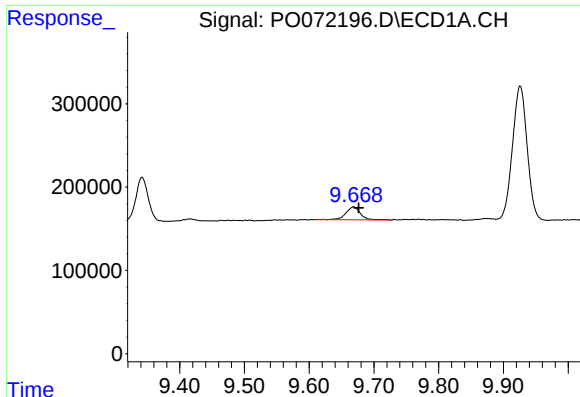
#44 AR-1268-4

R.T.: 9.342 min
Delta R.T.: -0.009 min
Response: 696002
Conc: 127.43 ng/ml



#44 AR-1268-4

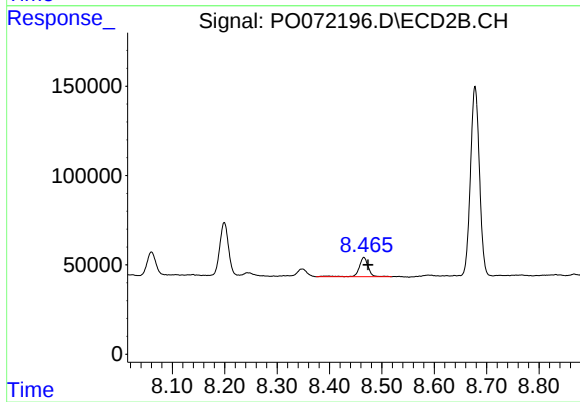
R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 333837
Conc: 120.16 ng/ml



#45 AR-1268-5

R.T.: 9.669 min
Delta R.T.: -0.008 min
Response: 240273
Conc: 6.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.466 min
Delta R.T.: -0.008 min
Response: 133380
Conc: 7.05 ng/ml