

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052821\
 Data File : P0078256.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 May 2021 15:23
 Operator : DD\AJ
 Sample : M2560-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 17:06:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 19 06:28:32 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.341	3.619	1459226	610622	19.744	20.208
2)	SA Decachlor...	9.954	8.808	1129407	653075	22.844	22.460
Target Compounds							
3)	L1 AR-1016-1	5.636	4.847	889636	436821	365.209	400.080
4)	L1 AR-1016-2	5.658	4.866	1313816	632678	368.500	406.968
5)	L1 AR-1016-3	5.723	5.054	828640	329135	373.947	402.111
6)	L1 AR-1016-4	5.828	5.107	682364	282938	390.924	397.764
7)	L1 AR-1016-5	6.138	5.330	655492	346845	378.907	393.436
8)	L2 AR-1221-1	4.587	3.869	137867	38451	167.503	100.653 #
9)	L2 AR-1221-2	4.687	3.968	98319	54907	159.982	199.322
10)	L2 AR-1221-3	4.771	4.053	503437	230664	252.426	258.640
11)	L3 AR-1232-1	4.771	4.053	503437	230664	329.126	331.828
12)	L3 AR-1232-2	5.345	4.866	662384	632678	840.289	951.039
13)	L3 AR-1232-3	5.658	5.054	1313816	329135	904.846	968.528
14)	L3 AR-1232-4	5.828	5.150	682364	339014	950.244	1070.162
15)	L3 AR-1232-5	5.927	5.330	516287	346845	1051.510	996.850
16)	L4 AR-1242-1	5.636	4.847	889636	436821	484.254	508.576
17)	L4 AR-1242-2	5.658	4.866	1313816	632678	486.351	522.904
18)	L4 AR-1242-3	5.723	5.054	828640	329135	476.087	510.872
19)	L4 AR-1242-4	5.828	5.150	682364	339014	488.094	501.461
20)	L4 AR-1242-5	6.599	5.704	93964	307675	70.220	375.210 #
21)	L5 AR-1248-1	5.636	4.847	889636	436821	624.348	677.827
22)	L5 AR-1248-2	5.927	5.107	516287	282938	271.944	295.978
23)	L5 AR-1248-3	6.138	5.150	655492	339014	295.527	352.685
24)	L5 AR-1248-4	6.560	5.330	131734	346845	56.595	302.852 #
25)	L5 AR-1248-5	6.599	5.747	93964	39740	41.530	37.926
26)	L6 AR-1254-1	6.530	5.704	544472	307675	219.369	178.404
27)	L6 AR-1254-2	6.757	5.862	595391	286239	153.430	178.568
28)	L6 AR-1254-3	7.133	6.294	403620	555670	102.876	232.815 #
29)	L6 AR-1254-4	7.423	6.513	214598	68700	79.021	47.319 #
30)	L6 AR-1254-5	7.849	6.935	2034005	1102785	695.510	485.181 #
31)	L7 AR-1260-1	7.297	6.410	1384890	763543	493.501	476.541
32)	L7 AR-1260-2	7.562	6.607	1731496	916189	514.700	474.568
33)	L7 AR-1260-3	7.923	6.757	1073988	852616	440.162	464.733
34)	L7 AR-1260-4	8.149	7.234	1349553	646659	503.802	428.976
35)	L7 AR-1260-5	8.462	7.483	2356745	1520581	458.878	436.041
36)	L8 AR-1262-1	7.923	6.935	1073988	1102785	299.795	939.819 #
37)	L8 AR-1262-2	8.462	7.483	2356745	1520581	391.516	389.792
38)	L8 AR-1262-3	8.751	7.765	1516715	316061	375.544	196.396 #
39)	L8 AR-1262-4	8.796f	7.826	836844	1132653	268.347	377.699 #
40)	L8 AR-1262-5	9.359	8.322	544089	341093	262.578	246.445
41)	L9 AR-1268-1	8.751f	7.765	1516715	316061	213.968	69.036 #

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 Operator : DD\AJ
 Sample : M2560-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

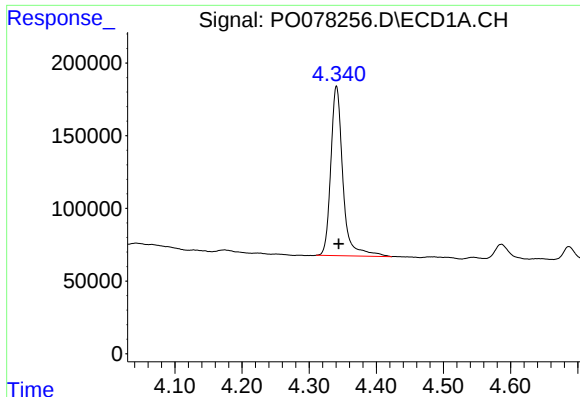
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 17:06:29 2021
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.796f	7.826	836844	1132653	129.319	273.753 #
43) L9	AR-1268-3	8.997	8.031	38237	28687	7.026	8.099
44) L9	AR-1268-4	9.359	8.322	544089	341093	241.594	225.449
45) L9	AR-1268-5	9.690	8.591	186093	112790	10.641	10.707

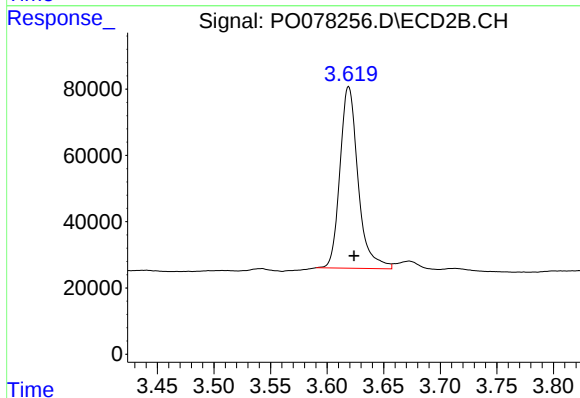
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

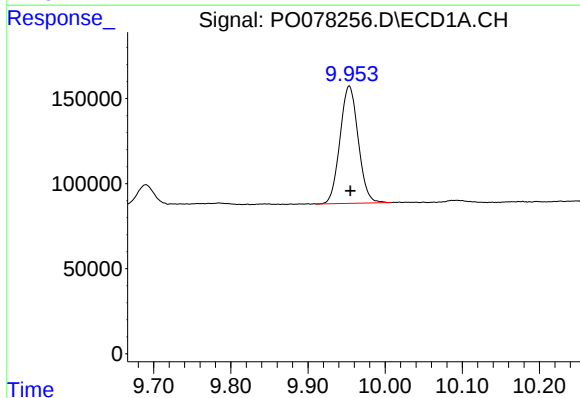
R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 1459226
Conc: 19.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



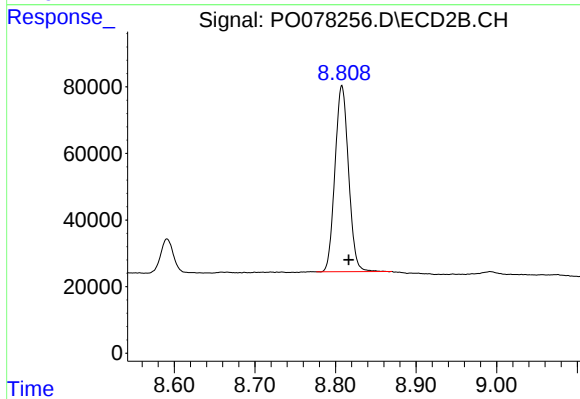
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.005 min
Response: 610622
Conc: 20.21 ng/ml



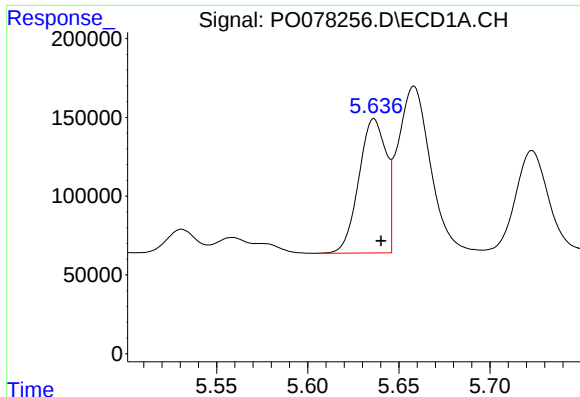
#2 Decachlorobiphenyl

R.T.: 9.954 min
Delta R.T.: -0.002 min
Response: 1129407
Conc: 22.84 ng/ml



#2 Decachlorobiphenyl

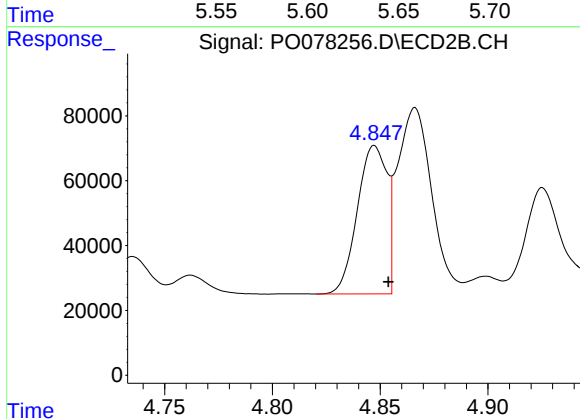
R.T.: 8.808 min
Delta R.T.: -0.008 min
Response: 653075
Conc: 22.46 ng/ml



#3 AR-1016-1

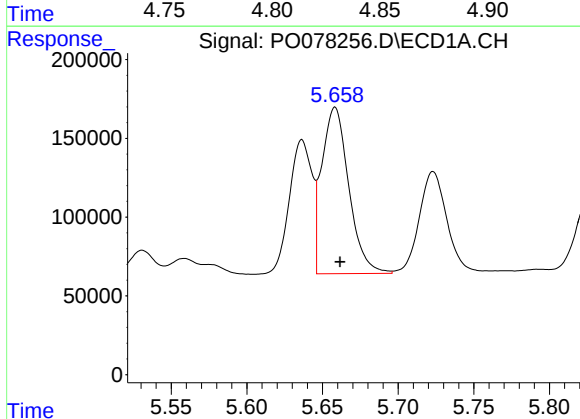
R.T.: 5.636 min
Delta R.T.: -0.004 min
Response: 889636
Conc: 365.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



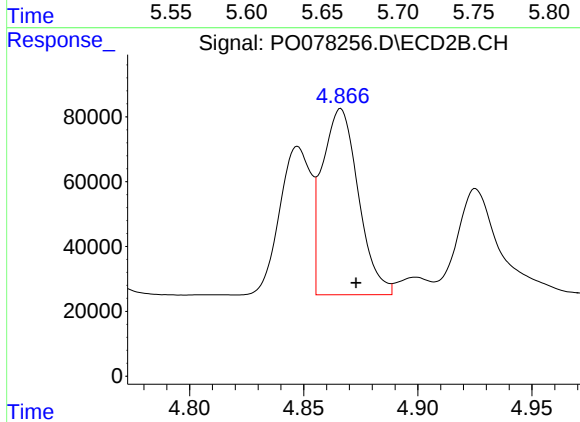
#3 AR-1016-1

R.T.: 4.847 min
Delta R.T.: -0.006 min
Response: 436821
Conc: 400.08 ng/ml



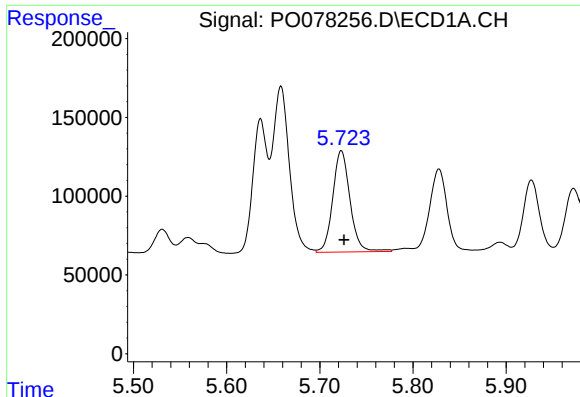
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 1313816
Conc: 368.50 ng/ml



#4 AR-1016-2

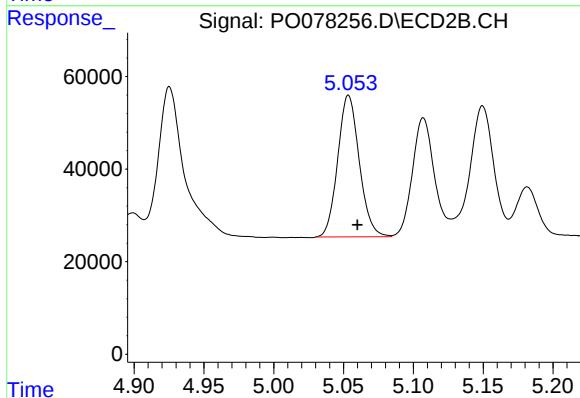
R.T.: 4.866 min
Delta R.T.: -0.007 min
Response: 632678
Conc: 406.97 ng/ml



#5 AR-1016-3

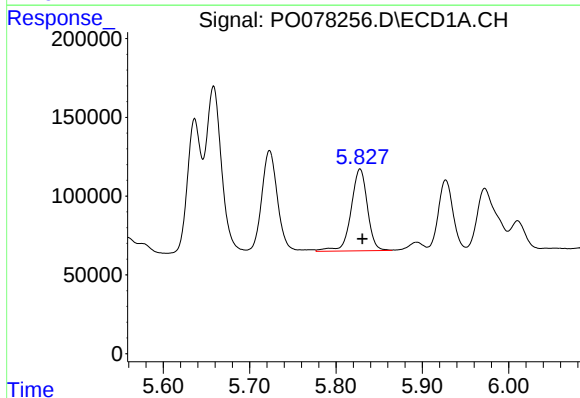
R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 828640
Conc: 373.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



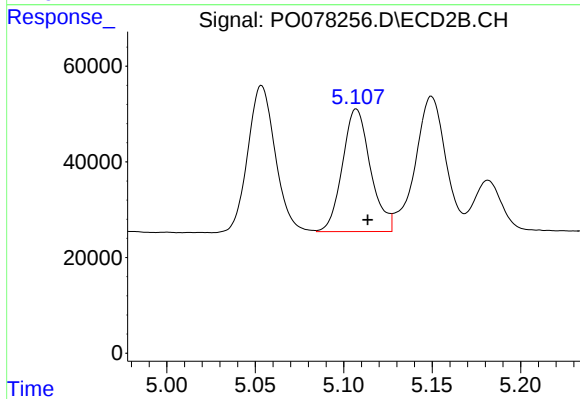
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: -0.006 min
Response: 329135
Conc: 402.11 ng/ml



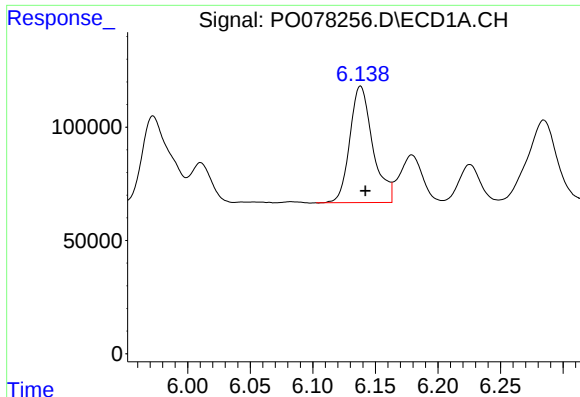
#6 AR-1016-4

R.T.: 5.828 min
Delta R.T.: -0.003 min
Response: 682364
Conc: 390.92 ng/ml



#6 AR-1016-4

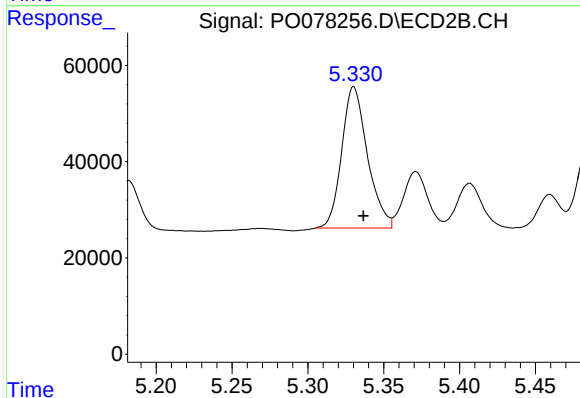
R.T.: 5.107 min
Delta R.T.: -0.006 min
Response: 282938
Conc: 397.76 ng/ml



#7 AR-1016-5

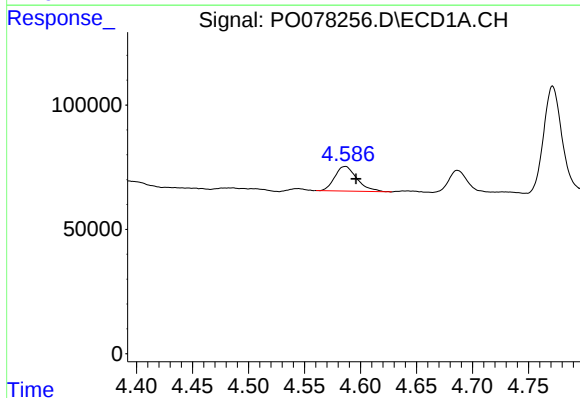
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 655492
Conc: 378.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



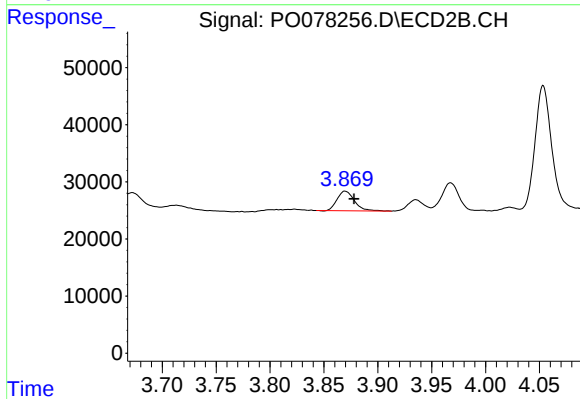
#7 AR-1016-5

R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 346845
Conc: 393.44 ng/ml



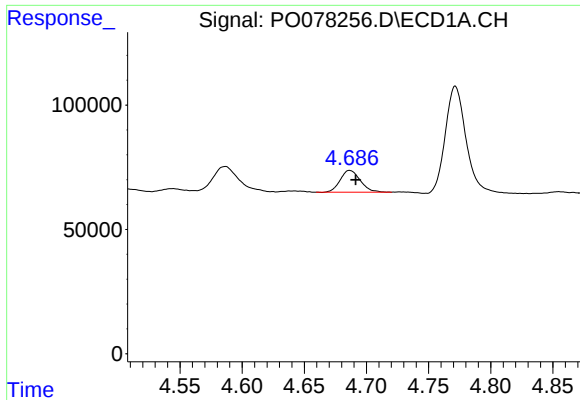
#8 AR-1221-1

R.T.: 4.587 min
Delta R.T.: -0.009 min
Response: 137867
Conc: 167.50 ng/ml



#8 AR-1221-1

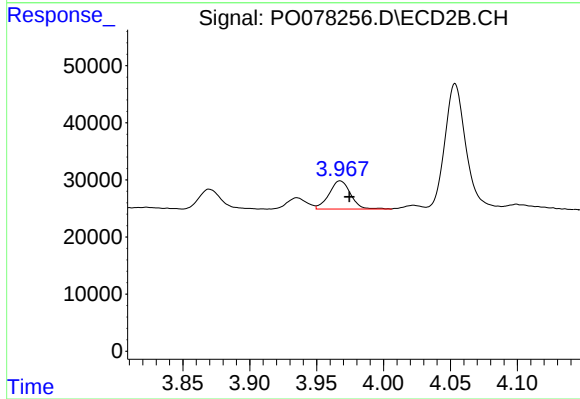
R.T.: 3.869 min
Delta R.T.: -0.009 min
Response: 38451
Conc: 100.65 ng/ml



#9 AR-1221-2

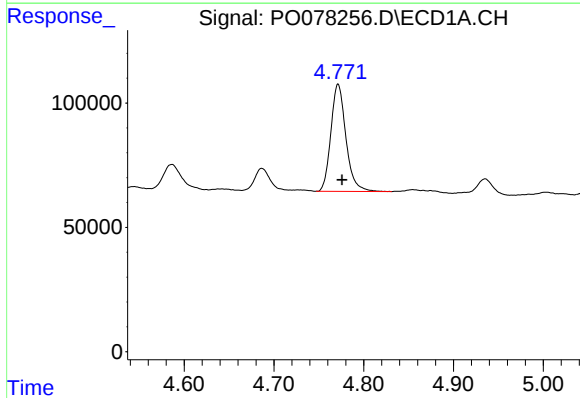
R.T.: 4.687 min
Delta R.T.: -0.005 min
Response: 98319
Conc: 159.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



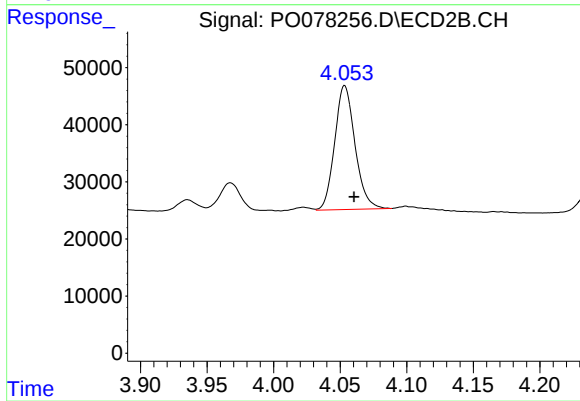
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: -0.007 min
Response: 54907
Conc: 199.32 ng/ml



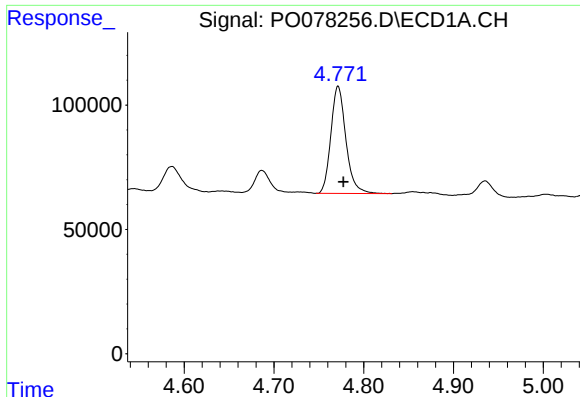
#10 AR-1221-3

R.T.: 4.771 min
Delta R.T.: -0.005 min
Response: 503437
Conc: 252.43 ng/ml



#10 AR-1221-3

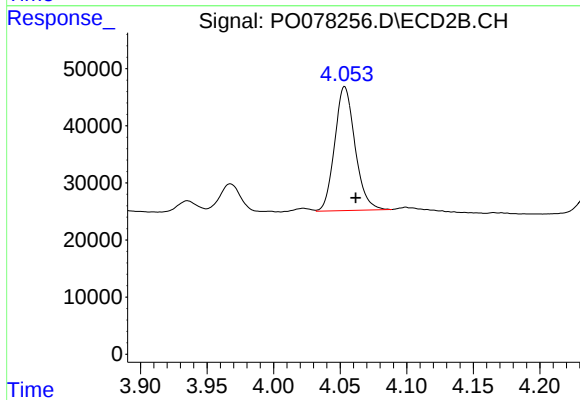
R.T.: 4.053 min
Delta R.T.: -0.007 min
Response: 230664
Conc: 258.64 ng/ml



#11 AR-1232-1

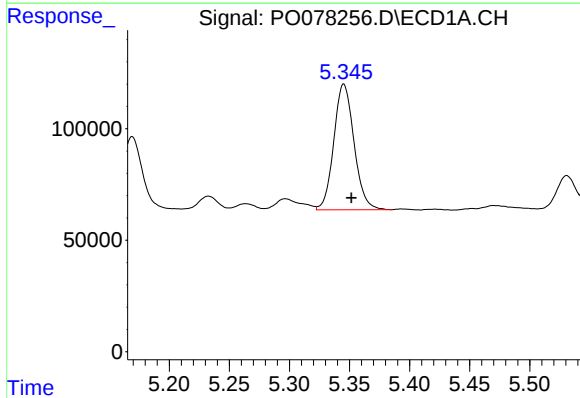
R.T.: 4.771 min
Delta R.T.: -0.006 min
Response: 503437
Conc: 329.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



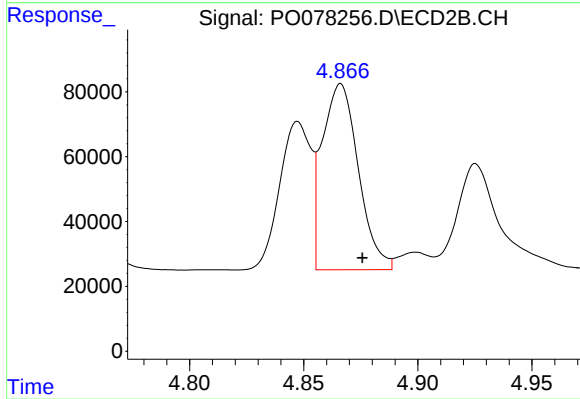
#11 AR-1232-1

R.T.: 4.053 min
Delta R.T.: -0.008 min
Response: 230664
Conc: 331.83 ng/ml



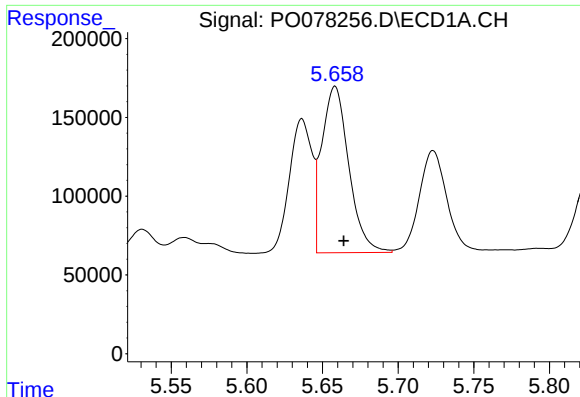
#12 AR-1232-2

R.T.: 5.345 min
Delta R.T.: -0.006 min
Response: 662384
Conc: 840.29 ng/ml



#12 AR-1232-2

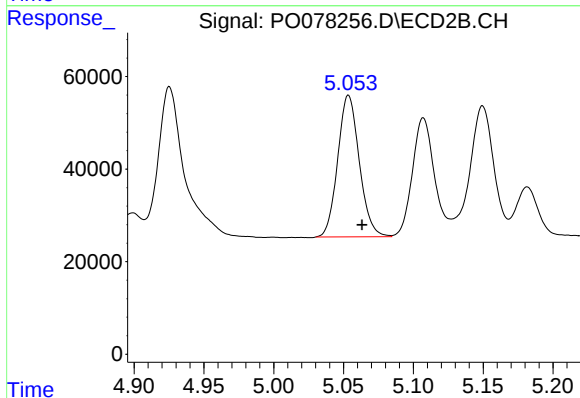
R.T.: 4.866 min
Delta R.T.: -0.010 min
Response: 632678
Conc: 951.04 ng/ml



#13 AR-1232-3

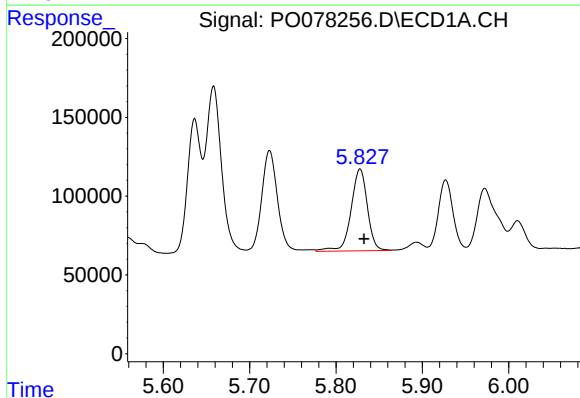
R.T.: 5.658 min
Delta R.T.: -0.006 min
Response: 1313816
Conc: 904.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



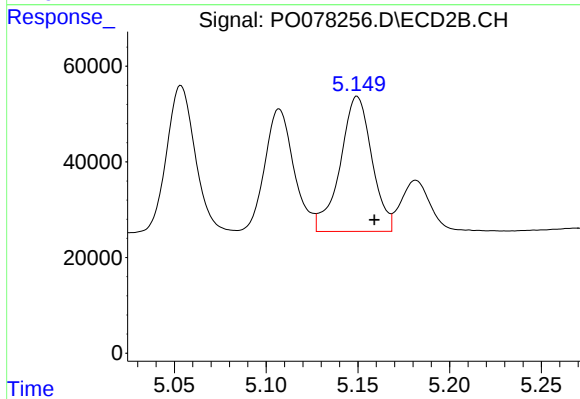
#13 AR-1232-3

R.T.: 5.054 min
Delta R.T.: -0.010 min
Response: 329135
Conc: 968.53 ng/ml



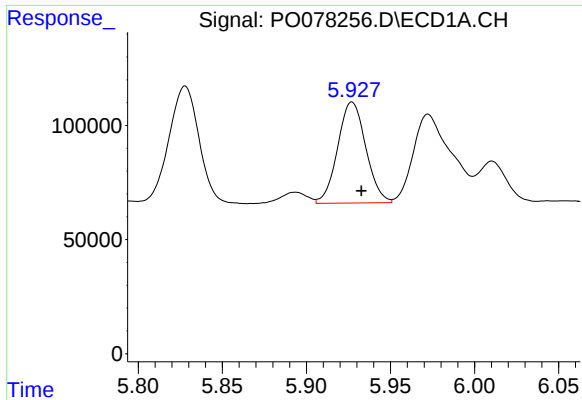
#14 AR-1232-4

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 682364
Conc: 950.24 ng/ml



#14 AR-1232-4

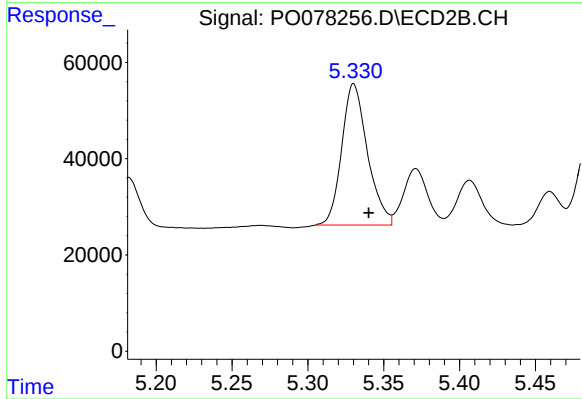
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 339014
Conc: 1070.16 ng/ml



#15 AR-1232-5

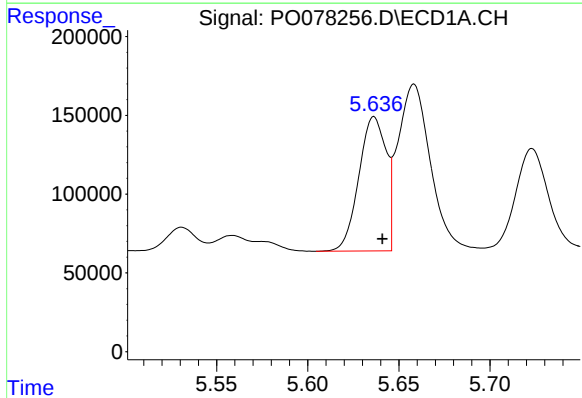
R.T.: 5.927 min
Delta R.T.: -0.005 min
Response: 516287
Conc: 1051.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



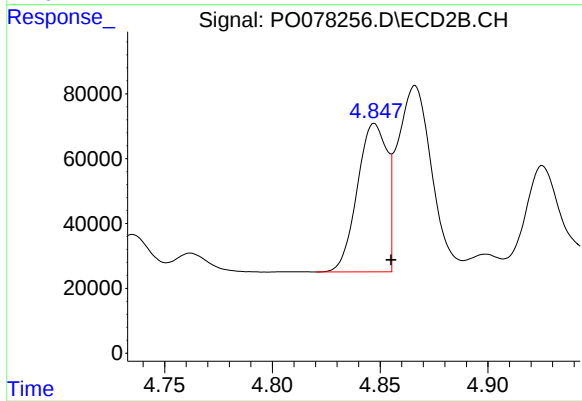
#15 AR-1232-5

R.T.: 5.330 min
Delta R.T.: -0.010 min
Response: 346845
Conc: 996.85 ng/ml



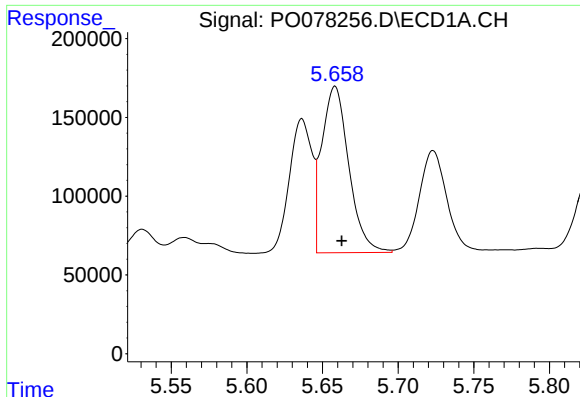
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: -0.005 min
Response: 889636
Conc: 484.25 ng/ml



#16 AR-1242-1

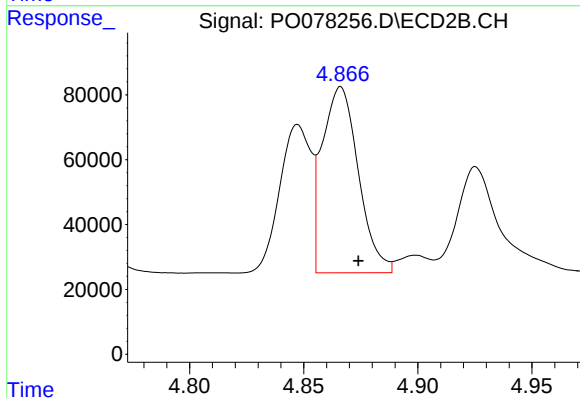
R.T.: 4.847 min
Delta R.T.: -0.008 min
Response: 436821
Conc: 508.58 ng/ml



#17 AR-1242-2

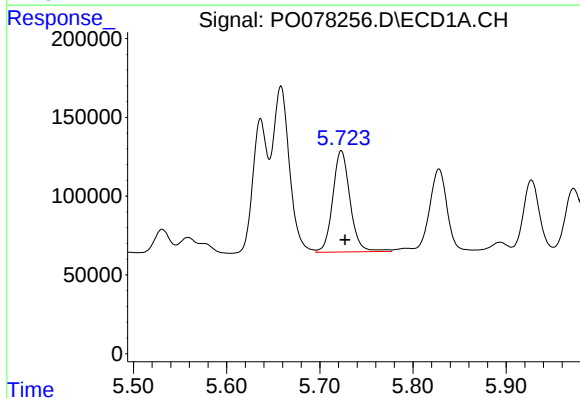
R.T.: 5.658 min
Delta R.T.: -0.005 min
Response: 1313816
Conc: 486.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



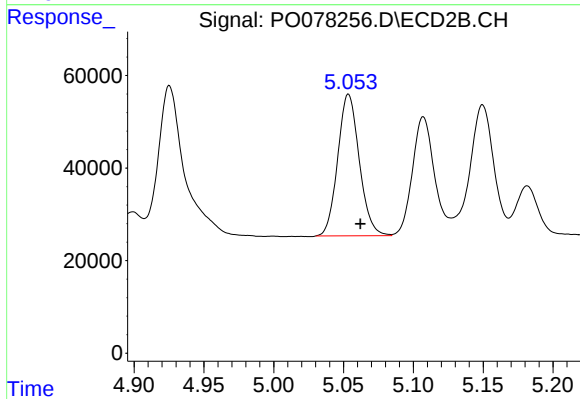
#17 AR-1242-2

R.T.: 4.866 min
Delta R.T.: -0.008 min
Response: 632678
Conc: 522.90 ng/ml



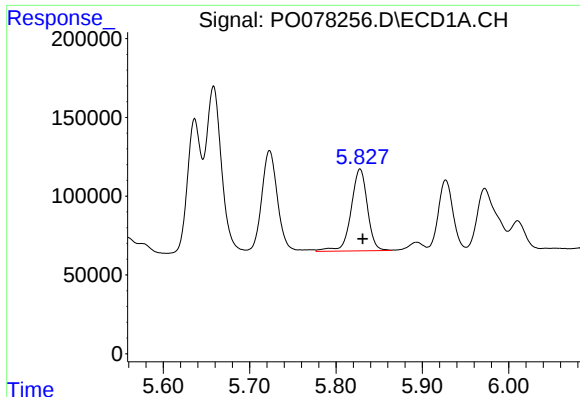
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 828640
Conc: 476.09 ng/ml



#18 AR-1242-3

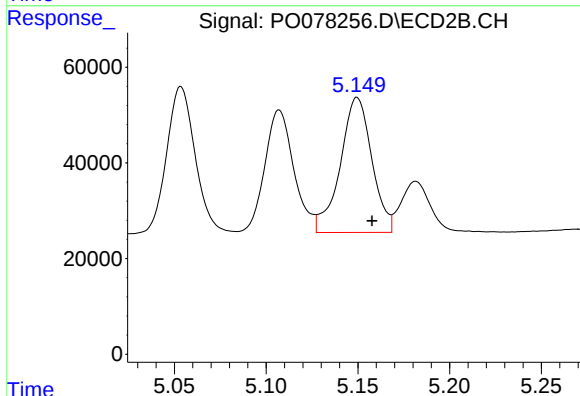
R.T.: 5.054 min
Delta R.T.: -0.008 min
Response: 329135
Conc: 510.87 ng/ml



#19 AR-1242-4

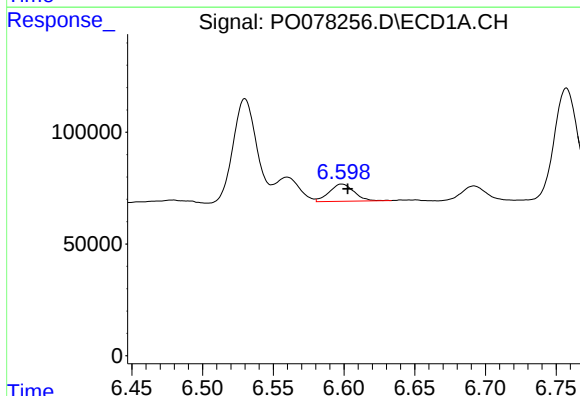
R.T.: 5.828 min
Delta R.T.: -0.003 min
Response: 682364
Conc: 488.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



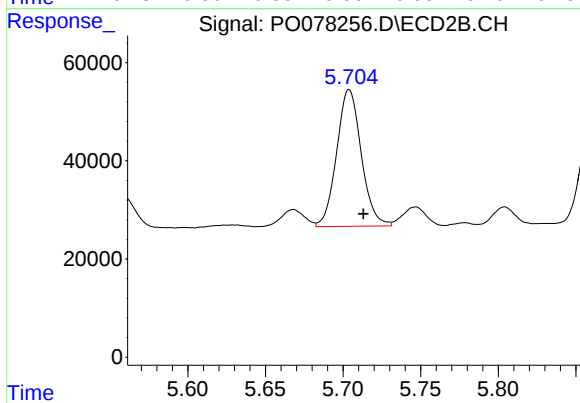
#19 AR-1242-4

R.T.: 5.150 min
Delta R.T.: -0.008 min
Response: 339014
Conc: 501.46 ng/ml



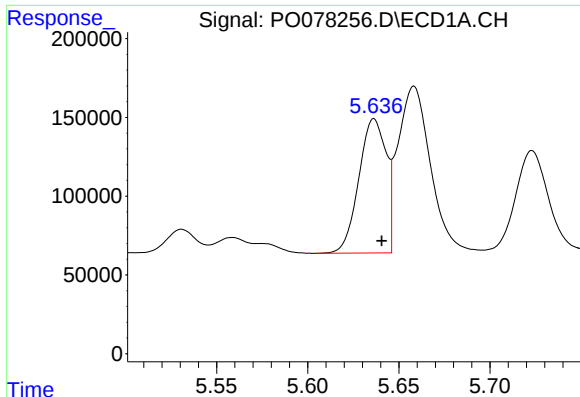
#20 AR-1242-5

R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 93964
Conc: 70.22 ng/ml



#20 AR-1242-5

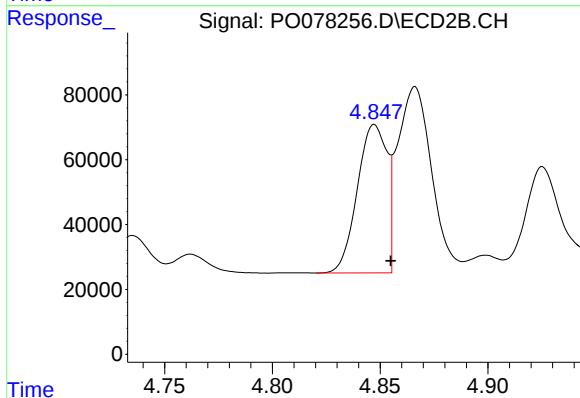
R.T.: 5.704 min
Delta R.T.: -0.009 min
Response: 307675
Conc: 375.21 ng/ml



#21 AR-1248-1

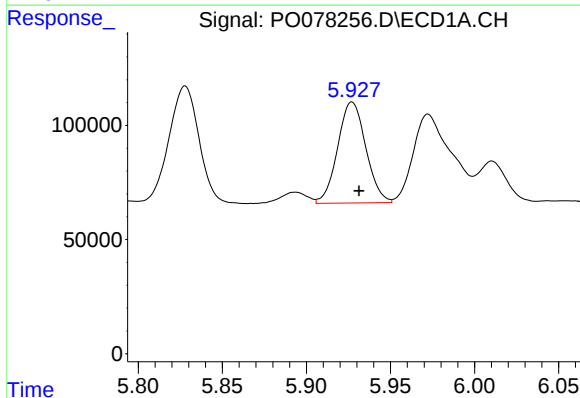
R.T.: 5.636 min
Delta R.T.: -0.004 min
Response: 889636
Conc: 624.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



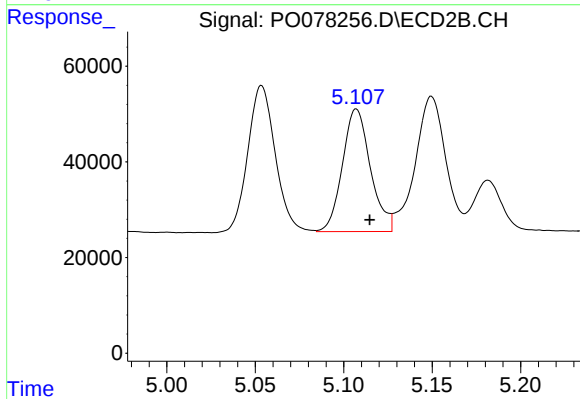
#21 AR-1248-1

R.T.: 4.847 min
Delta R.T.: -0.008 min
Response: 436821
Conc: 677.83 ng/ml



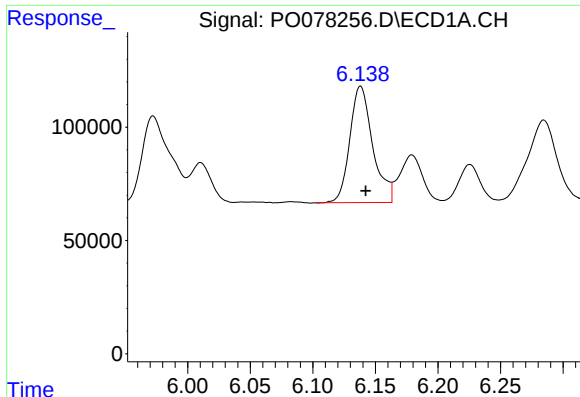
#22 AR-1248-2

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 516287
Conc: 271.94 ng/ml



#22 AR-1248-2

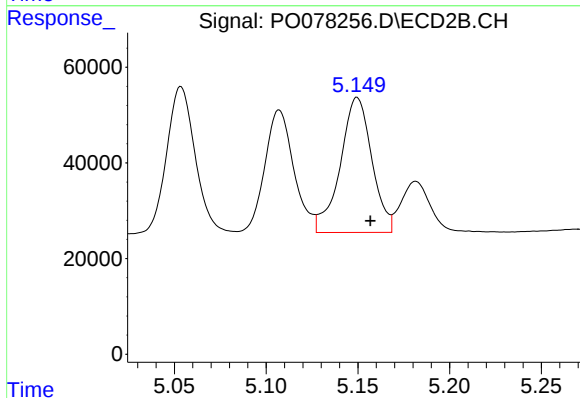
R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 282938
Conc: 295.98 ng/ml



#23 AR-1248-3

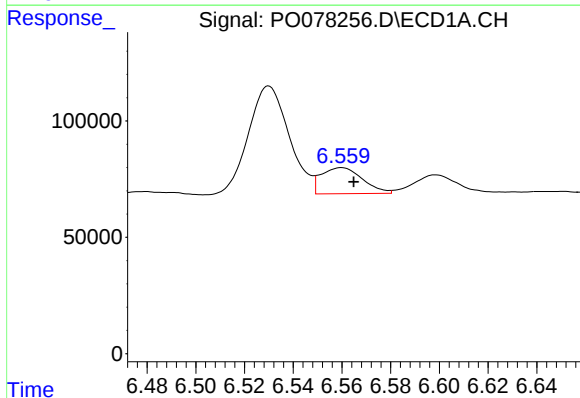
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 655492
Conc: 295.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



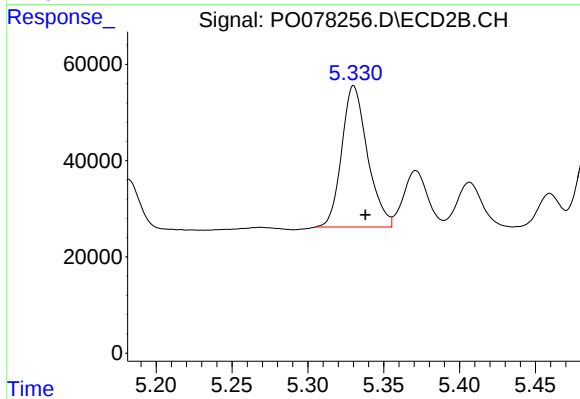
#23 AR-1248-3

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 339014
Conc: 352.68 ng/ml



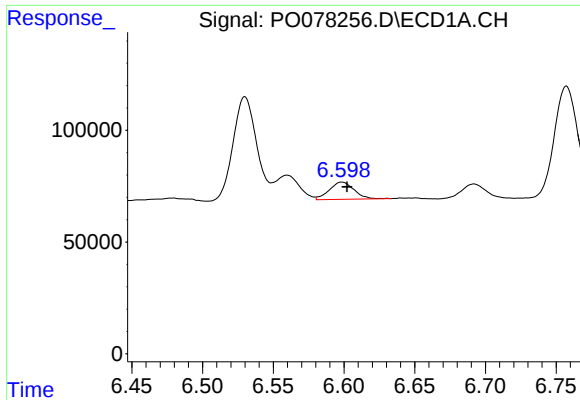
#24 AR-1248-4

R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 131734
Conc: 56.60 ng/ml



#24 AR-1248-4

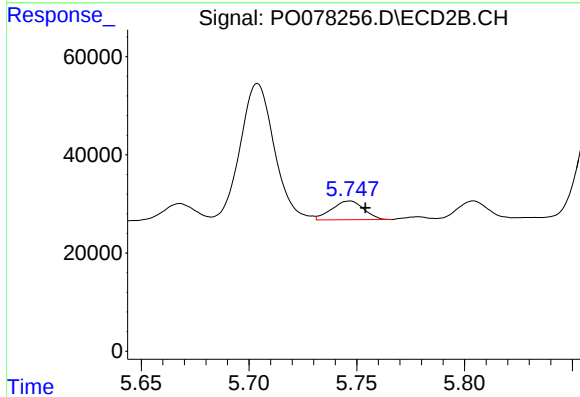
R.T.: 5.330 min
Delta R.T.: -0.008 min
Response: 346845
Conc: 302.85 ng/ml



#25 AR-1248-5

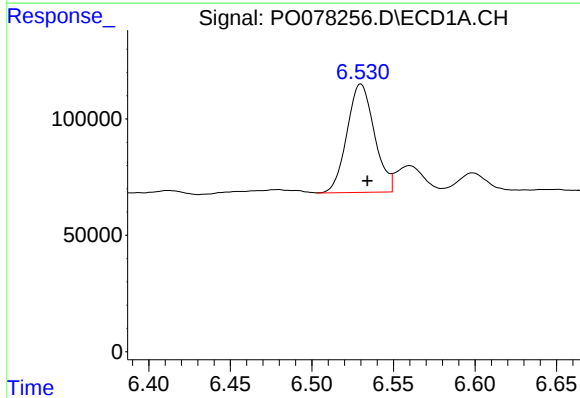
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 93964
Conc: 41.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



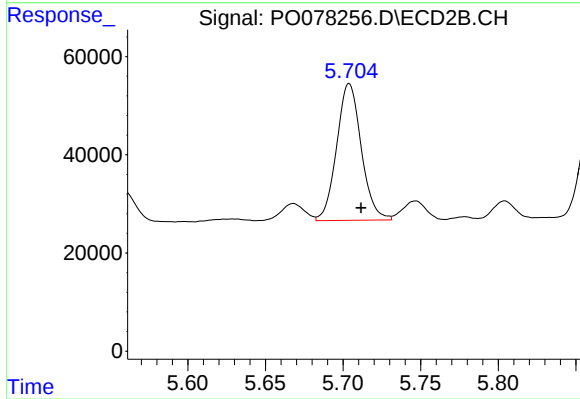
#25 AR-1248-5

R.T.: 5.747 min
Delta R.T.: -0.007 min
Response: 39740
Conc: 37.93 ng/ml



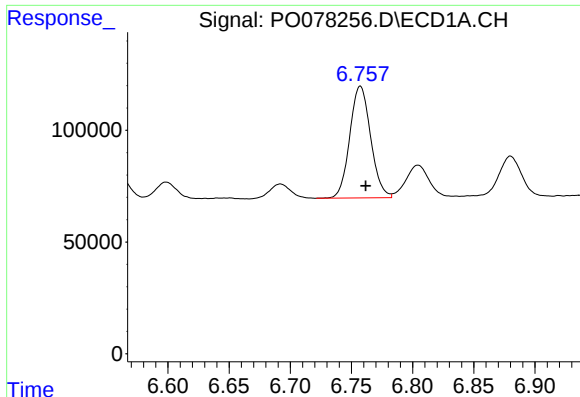
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 544472
Conc: 219.37 ng/ml



#26 AR-1254-1

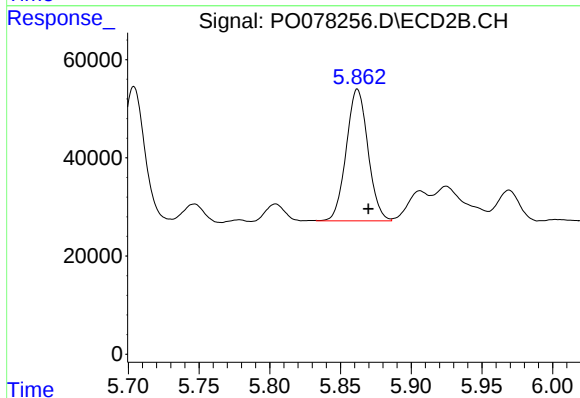
R.T.: 5.704 min
Delta R.T.: -0.008 min
Response: 307675
Conc: 178.40 ng/ml



#27 AR-1254-2

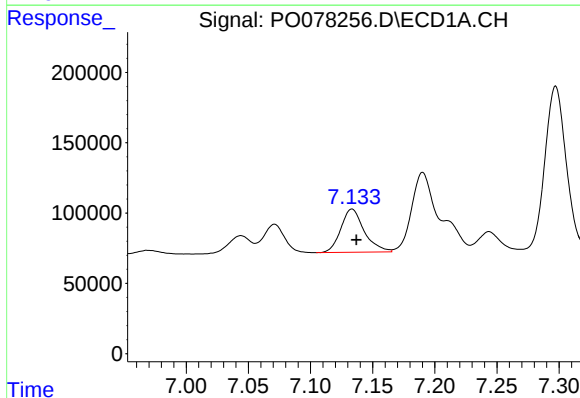
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 595391
Conc: 153.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



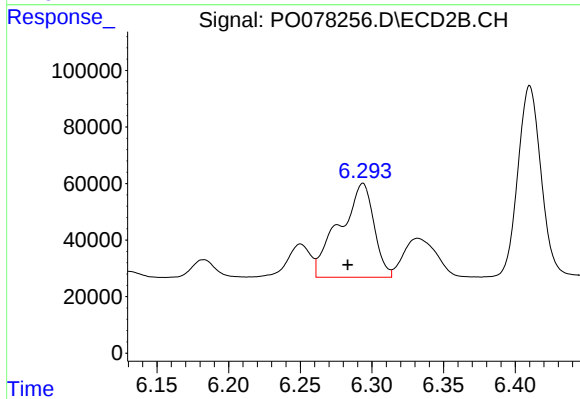
#27 AR-1254-2

R.T.: 5.862 min
Delta R.T.: -0.008 min
Response: 286239
Conc: 178.57 ng/ml



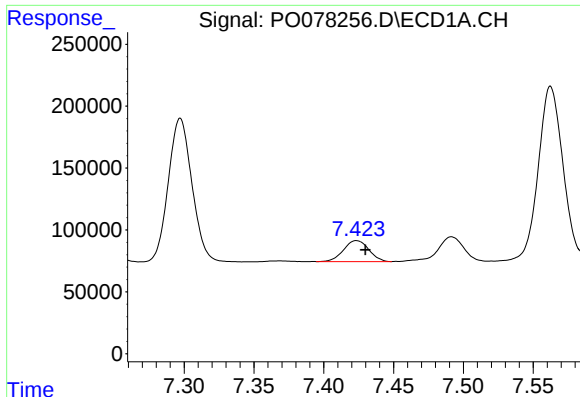
#28 AR-1254-3

R.T.: 7.133 min
Delta R.T.: -0.003 min
Response: 403620
Conc: 102.88 ng/ml



#28 AR-1254-3

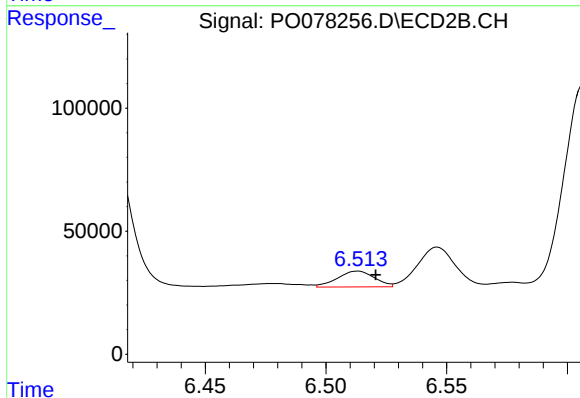
R.T.: 6.294 min
Delta R.T.: 0.011 min
Response: 555670
Conc: 232.81 ng/ml



#29 AR-1254-4

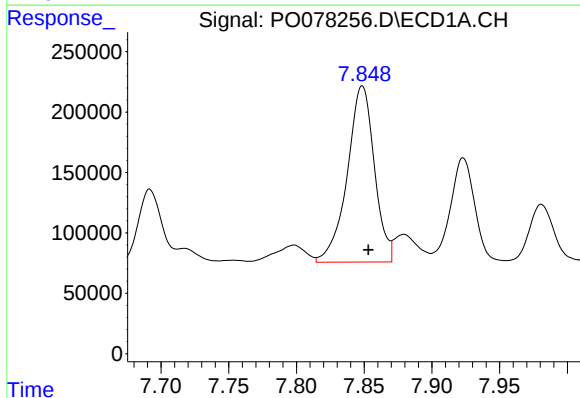
R.T.: 7.423 min
Delta R.T.: -0.006 min
Response: 214598
Conc: 79.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



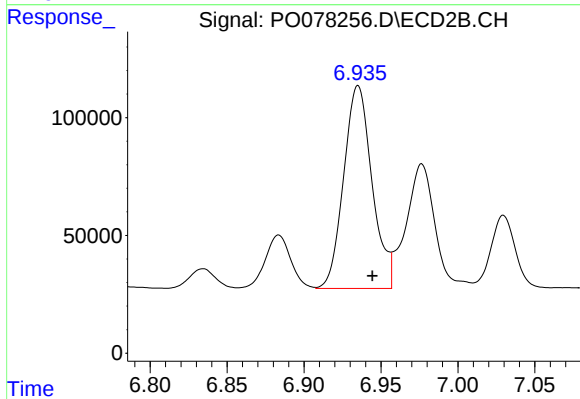
#29 AR-1254-4

R.T.: 6.513 min
Delta R.T.: -0.007 min
Response: 68700
Conc: 47.32 ng/ml



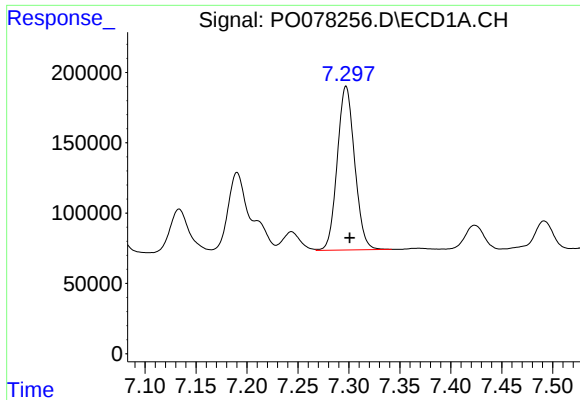
#30 AR-1254-5

R.T.: 7.849 min
Delta R.T.: -0.004 min
Response: 2034005
Conc: 695.51 ng/ml



#30 AR-1254-5

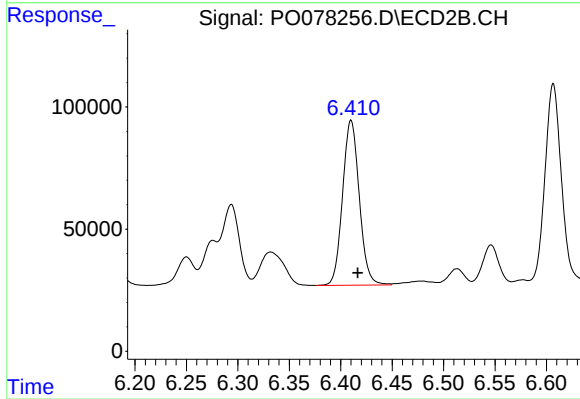
R.T.: 6.935 min
Delta R.T.: -0.009 min
Response: 1102785
Conc: 485.18 ng/ml



#31 AR-1260-1

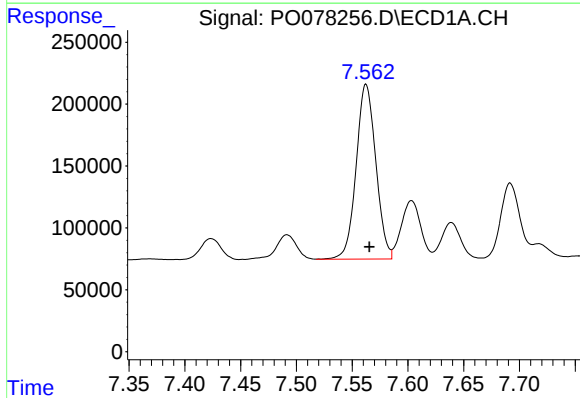
R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 1384890
Conc: 493.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



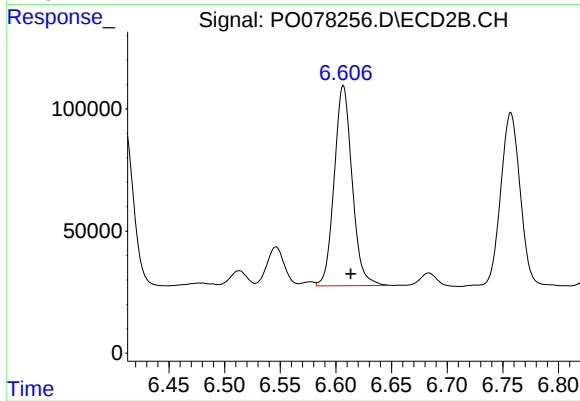
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.007 min
Response: 763543
Conc: 476.54 ng/ml



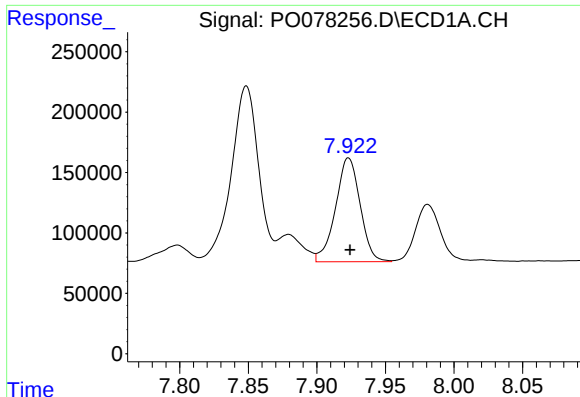
#32 AR-1260-2

R.T.: 7.562 min
Delta R.T.: -0.003 min
Response: 1731496
Conc: 514.70 ng/ml



#32 AR-1260-2

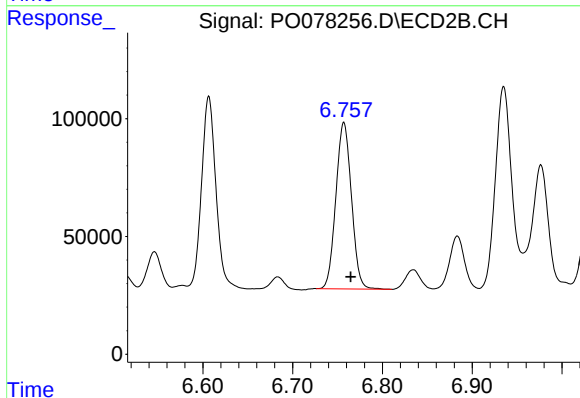
R.T.: 6.607 min
Delta R.T.: -0.007 min
Response: 916189
Conc: 474.57 ng/ml



#33 AR-1260-3

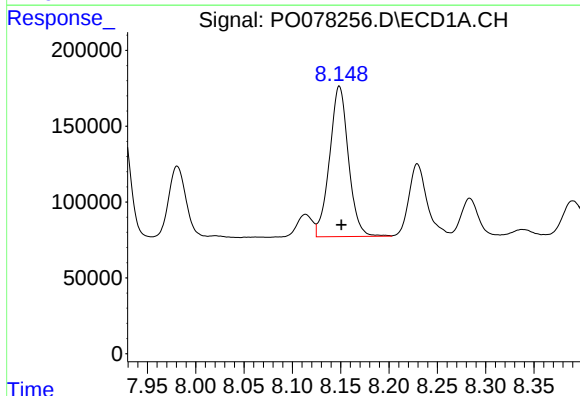
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 1073988
Conc: 440.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



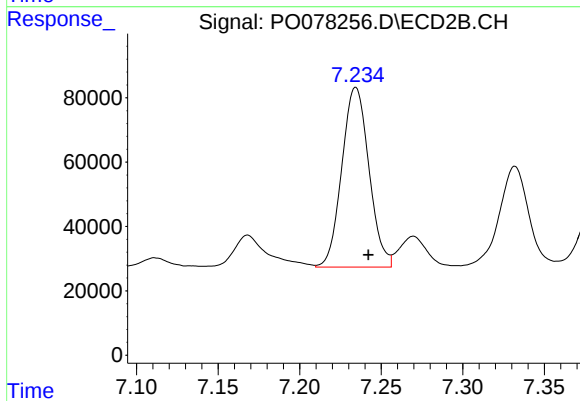
#33 AR-1260-3

R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 852616
Conc: 464.73 ng/ml



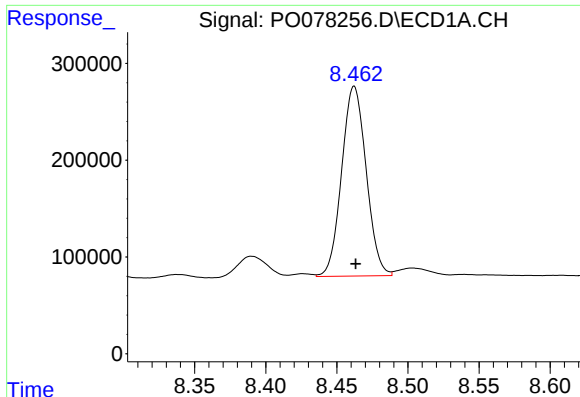
#34 AR-1260-4

R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 1349553
Conc: 503.80 ng/ml



#34 AR-1260-4

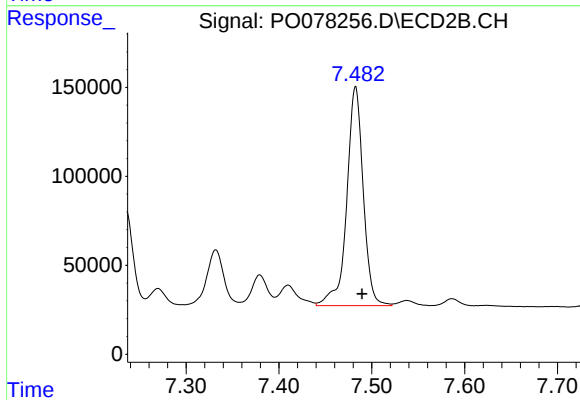
R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 646659
Conc: 428.98 ng/ml



#35 AR-1260-5

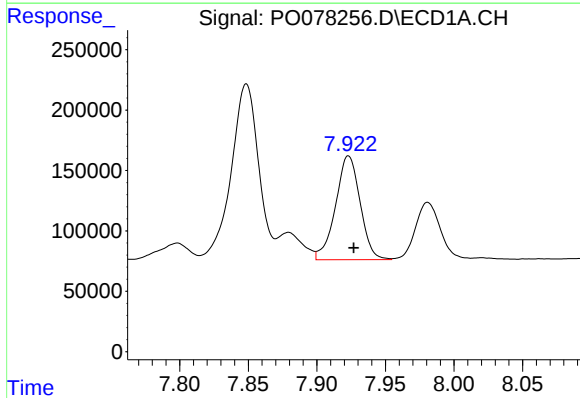
R.T.: 8.462 min
Delta R.T.: -0.001 min
Response: 2356745
Conc: 458.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



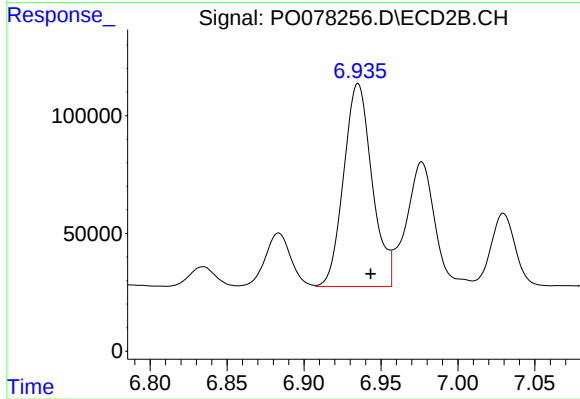
#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: -0.007 min
Response: 1520581
Conc: 436.04 ng/ml



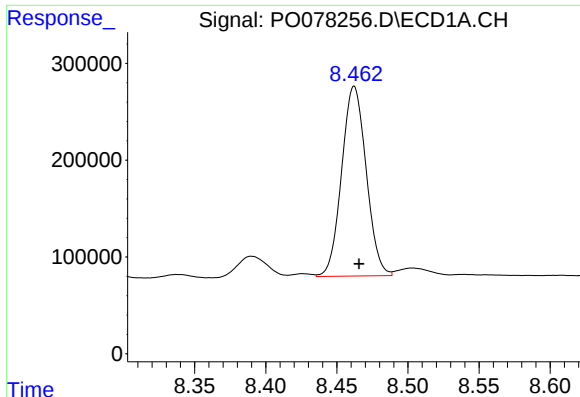
#36 AR-1262-1

R.T.: 7.923 min
Delta R.T.: -0.004 min
Response: 1073988
Conc: 299.79 ng/ml



#36 AR-1262-1

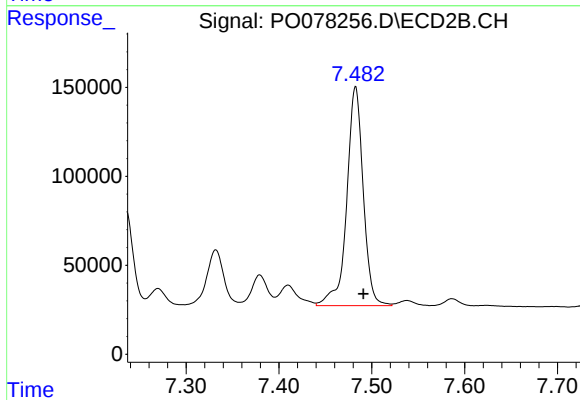
R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 1102785
Conc: 939.82 ng/ml



#37 AR-1262-2

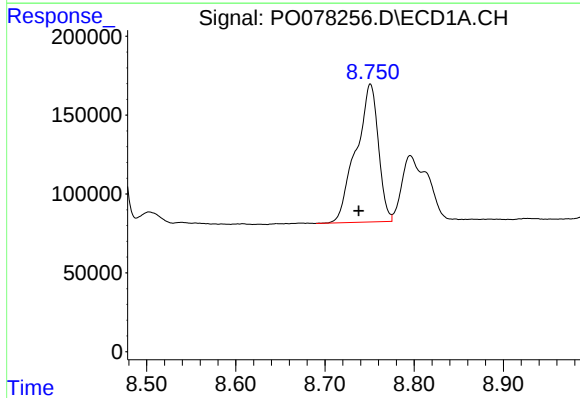
R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: 2356745
Conc: 391.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



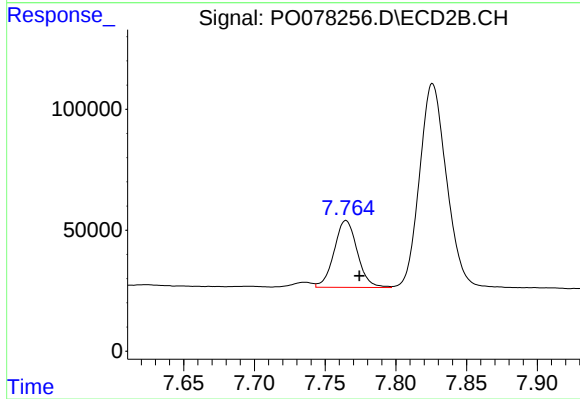
#37 AR-1262-2

R.T.: 7.483 min
Delta R.T.: -0.009 min
Response: 1520581
Conc: 389.79 ng/ml



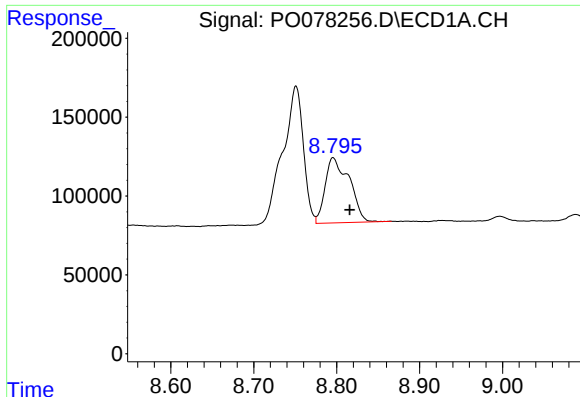
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: 0.013 min
Response: 1516715
Conc: 375.54 ng/ml



#38 AR-1262-3

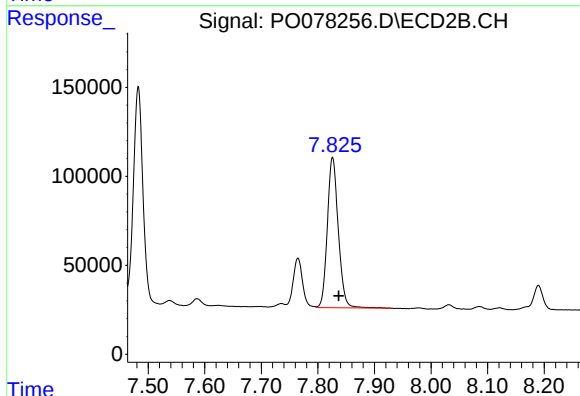
R.T.: 7.765 min
Delta R.T.: -0.009 min
Response: 316061
Conc: 196.40 ng/ml



#39 AR-1262-4

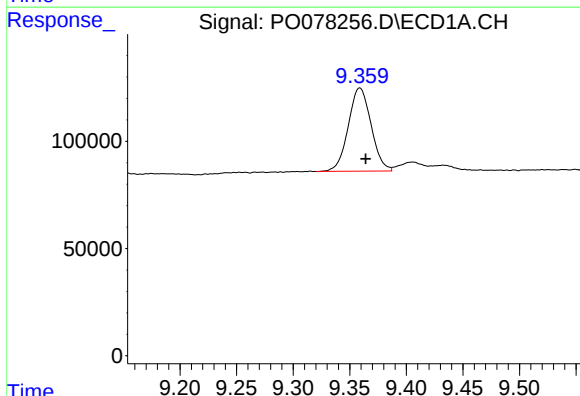
R.T.: 8.796 min
Delta R.T.: -0.020 min
Response: 836844
Conc: 268.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



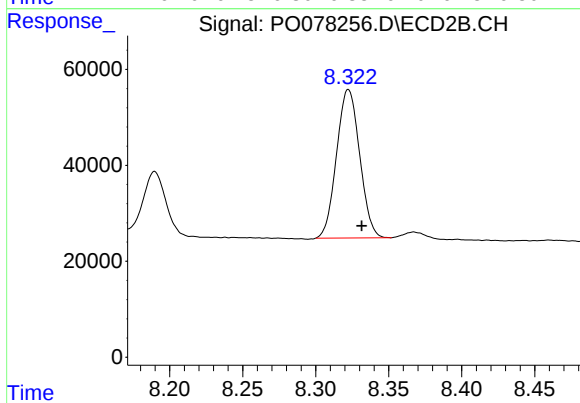
#39 AR-1262-4

R.T.: 7.826 min
Delta R.T.: -0.011 min
Response: 1132653
Conc: 377.70 ng/ml



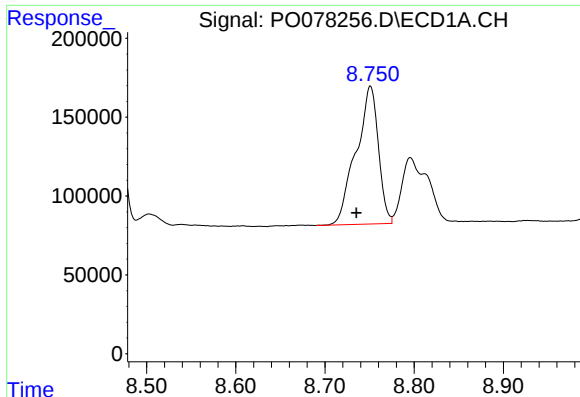
#40 AR-1262-5

R.T.: 9.359 min
Delta R.T.: -0.005 min
Response: 544089
Conc: 262.58 ng/ml



#40 AR-1262-5

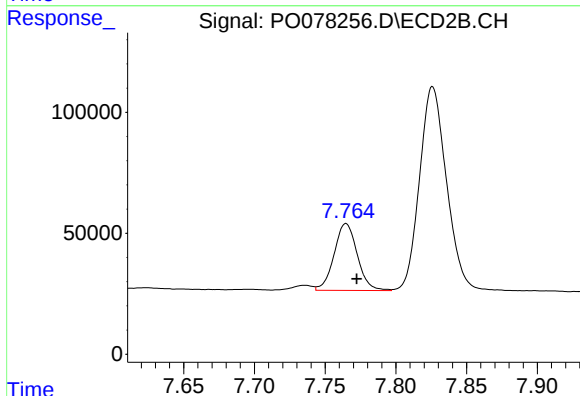
R.T.: 8.322 min
Delta R.T.: -0.009 min
Response: 341093
Conc: 246.45 ng/ml



#41 AR-1268-1

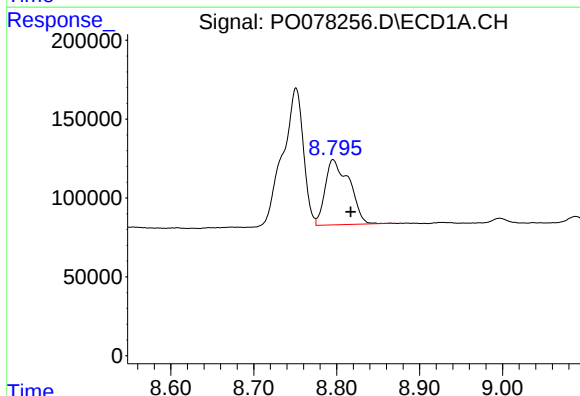
R.T.: 8.751 min
Delta R.T.: 0.016 min
Response: 1516715
Conc: 213.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



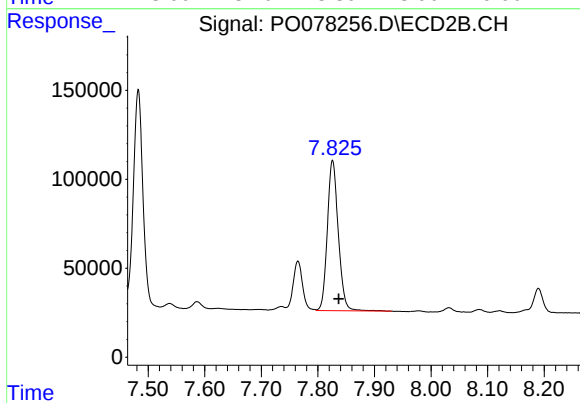
#41 AR-1268-1

R.T.: 7.765 min
Delta R.T.: -0.007 min
Response: 316061
Conc: 69.04 ng/ml



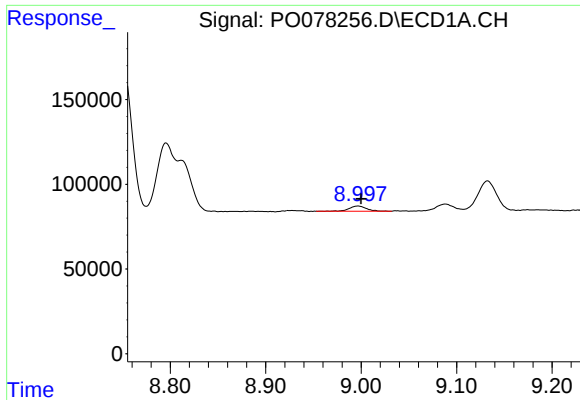
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.021 min
Response: 836844
Conc: 129.32 ng/ml



#42 AR-1268-2

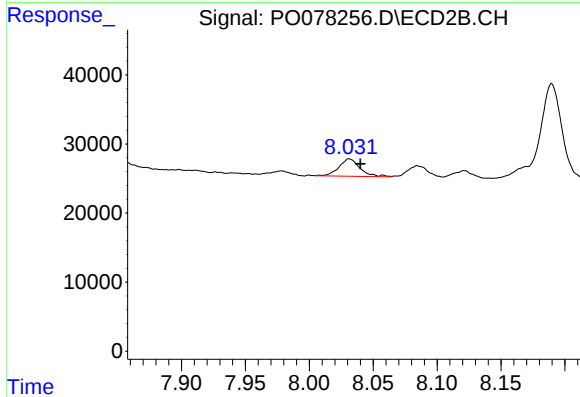
R.T.: 7.826 min
Delta R.T.: -0.011 min
Response: 1132653
Conc: 273.75 ng/ml



#43 AR-1268-3

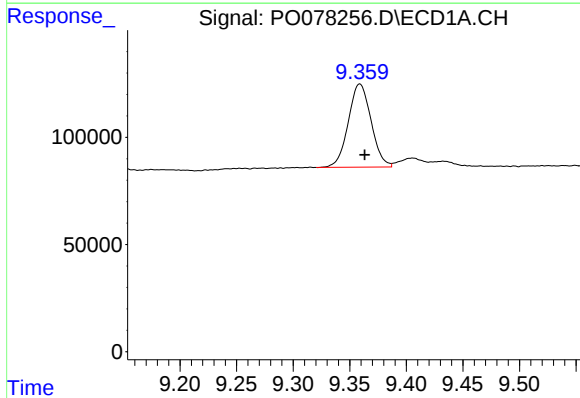
R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 38237
Conc: 7.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



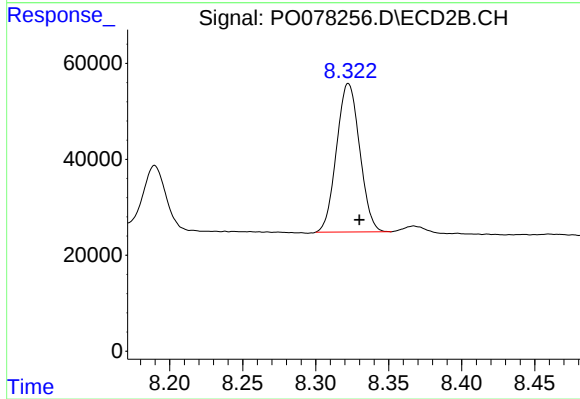
#43 AR-1268-3

R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 28687
Conc: 8.10 ng/ml



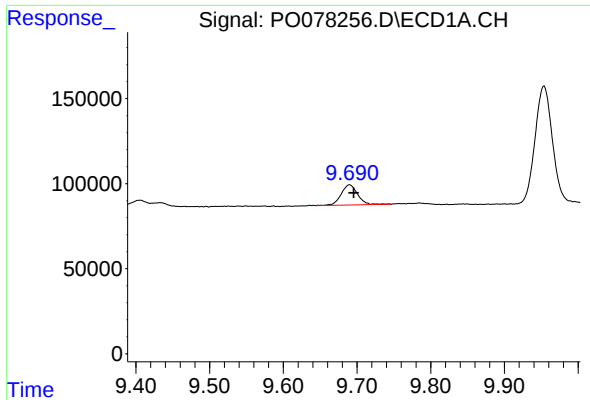
#44 AR-1268-4

R.T.: 9.359 min
Delta R.T.: -0.004 min
Response: 544089
Conc: 241.59 ng/ml



#44 AR-1268-4

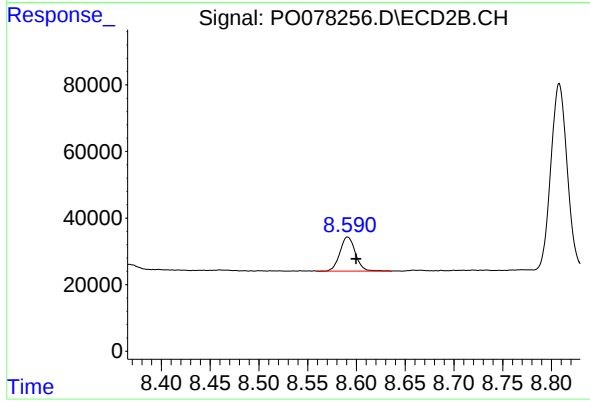
R.T.: 8.322 min
Delta R.T.: -0.007 min
Response: 341093
Conc: 225.45 ng/ml



#45 AR-1268-5

R.T.: 9.690 min
Delta R.T.: -0.006 min
Response: 186093
Conc: 10.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.591 min
Delta R.T.: -0.009 min
Response: 112790
Conc: 10.71 ng/ml