

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102621\
 Data File : PO082184.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Oct 2021 18:27
 Operator : AJ\MA
 Sample : M4340-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 02:32:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 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...	4.980	3.973	1690367	595106	20.920	20.170
2)	SA Decachlor...	11.104	9.301	1014078	369073	18.246	14.490
Target Compounds							
3)	L1 AR-1016-1	6.314	5.236	1441512	646876	569.518	533.606
4)	L1 AR-1016-2	6.338	5.256	2057004	894858	569.322	540.875
5)	L1 AR-1016-3	6.404	5.447	1234982	465986	579.293	523.587
6)	L1 AR-1016-4	6.512	5.500	990797	371495	563.733	511.363
7)	L1 AR-1016-5	6.830	5.729	938384	532430	549.884	597.516
8)	L2 AR-1221-1	5.233	4.232	540906	51341	625.898	139.057 #
9)	L2 AR-1221-2	5.333	4.333	171658	80238	267.124	286.498
10)	L2 AR-1221-3	5.421	4.421	836208	318921	410.304	378.246
11)	L3 AR-1232-1	5.421	4.421	836208	318921	554.451	484.571
12)	L3 AR-1232-2	6.016	5.256	1153956	894858	1408.497	1252.524
13)	L3 AR-1232-3	6.338	5.447	2057004	465986	1391.974	1229.481
14)	L3 AR-1232-4	6.512	5.545	990797	430481	1399.426	1226.693
15)	L3 AR-1232-5	6.612	5.729	769508	532430	1516.547	1402.141
16)	L4 AR-1242-1	6.314	5.236	1441512	646876	759.358	706.693
17)	L4 AR-1242-2	6.338	5.256	2057004	894858	766.404	729.253
18)	L4 AR-1242-3	6.404	5.447	1234982	465986	763.536	692.620
19)	L4 AR-1242-4	6.512	5.545	990797	430481	776.035	641.293
20)	L4 AR-1242-5	7.303	6.110	116446	486419	91.555	566.099 #
21)	L5 AR-1248-1	6.314	5.236	1441512	646876	968.648	885.531
22)	L5 AR-1248-2	6.612	5.500	769508	371495	395.734	386.319
23)	L5 AR-1248-3	6.830	5.545	938384	430481	431.980	436.802
24)	L5 AR-1248-4	7.263	5.729	134952	532430	57.200	463.200 #
25)	L5 AR-1248-5	7.303	6.154	116446	166412	52.254	153.175 #
26)	L6 AR-1254-1	7.232	6.110	667272	486419	278.623	292.081
27)	L6 AR-1254-2	7.463	6.271	733069	365108	200.970	244.549
28)	L6 AR-1254-3	7.848	6.712f	407476	624328	112.599	278.806 #
29)	L6 AR-1254-4	8.145	6.933	244428	72942	90.704	49.664 #
30)	L6 AR-1254-5	8.577	7.364	2369641	1142370	813.619	554.736 #
31)	L7 AR-1260-1	8.017	6.831	1713587	853081	607.149	515.347
32)	L7 AR-1260-2	8.284	7.029	1959553	1038035	589.034	517.509
33)	L7 AR-1260-3	8.653	7.184	1222632	922544	542.440	486.976
34)	L7 AR-1260-4	8.885	7.670	1431799	631420	540.843	460.671
35)	L7 AR-1260-5	9.220	7.919	2664237	1528593	486.307	462.622
36)	L8 AR-1262-1	8.653	7.364	1222632	1142370	357.419	1035.596 #
37)	L8 AR-1262-2	9.220	7.919	2664237	1528593	424.272	427.869
38)	L8 AR-1262-3	9.563f	8.208	1712325	292189	622.614	194.120 #
39)	L8 AR-1262-4	9.615f	8.269	924470	1028221	552.138	386.327 #
40)	L8 AR-1262-5	10.326	8.771	663424	294864	291.124	233.437
41)	L9 AR-1268-1	9.563f	8.208	1712325	292189	229.228	69.341 #

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 ALS Vial : 20 Sample Multiplier: 1

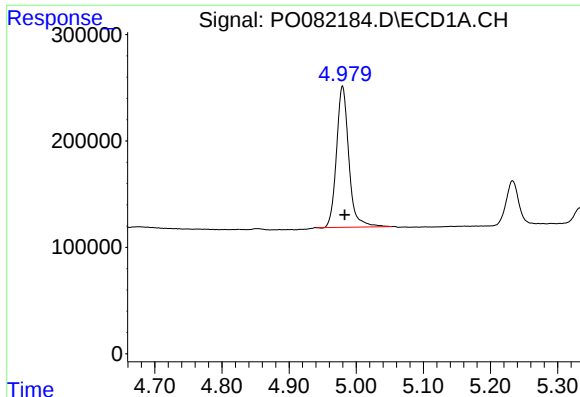
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.615f	8.269	924470	1028221	136.652	270.678 #
43) L9	AR-1268-3	9.869	8.482	39242	21396	6.645	6.598
44) L9	AR-1268-4	10.326	8.771	663424	294864	262.166	212.266
45) L9	AR-1268-5	10.756	9.053	211795	88456	10.529	9.138

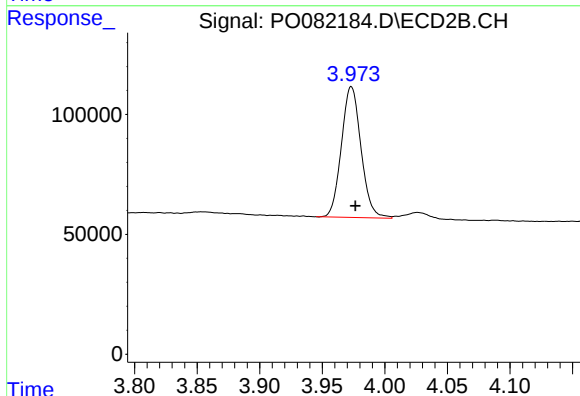
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

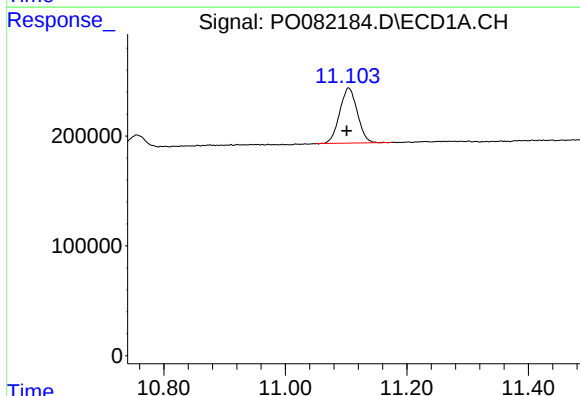
R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 1690367
Conc: 20.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



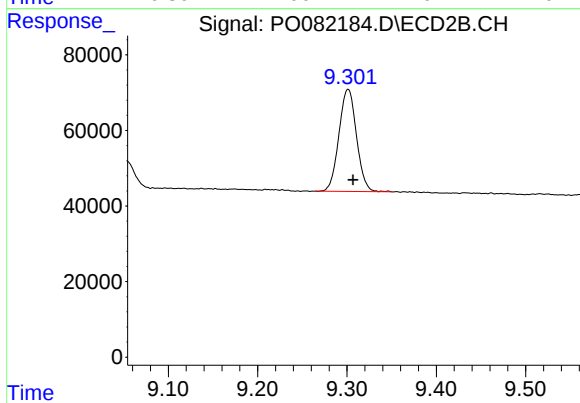
#1 Tetrachloro-m-xylene

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 595106
Conc: 20.17 ng/ml



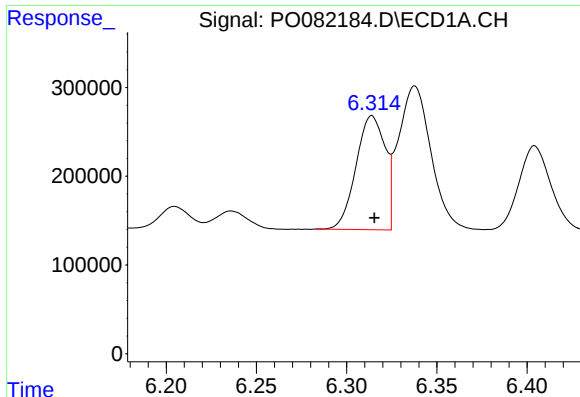
#2 Decachlorobiphenyl

R.T.: 11.104 min
Delta R.T.: 0.003 min
Response: 1014078
Conc: 18.25 ng/ml



#2 Decachlorobiphenyl

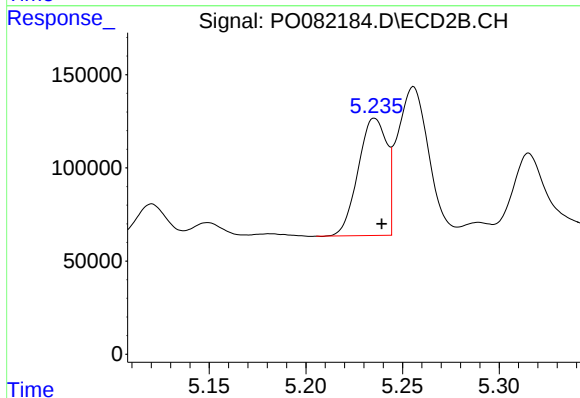
R.T.: 9.301 min
Delta R.T.: -0.005 min
Response: 369073
Conc: 14.49 ng/ml



#3 AR-1016-1

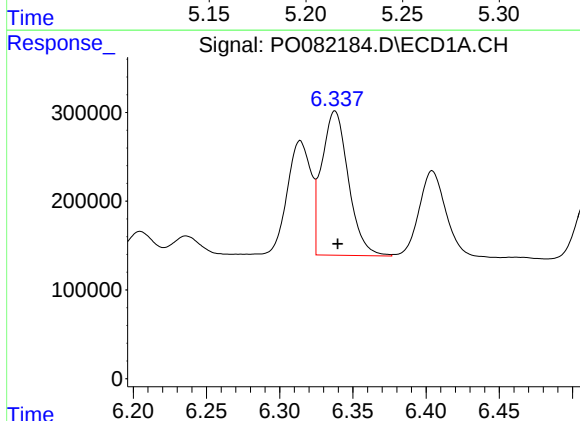
R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 1441512
Conc: 569.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



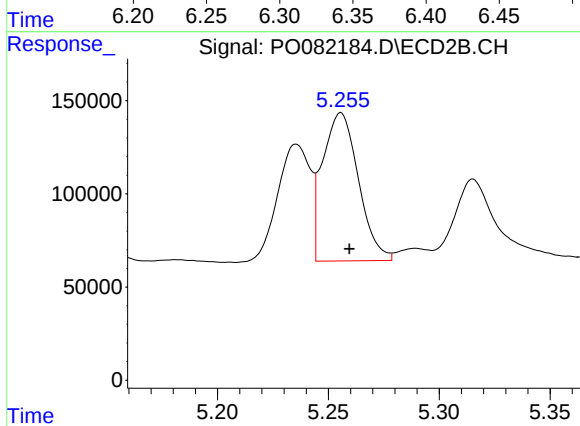
#3 AR-1016-1

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 646876
Conc: 533.61 ng/ml



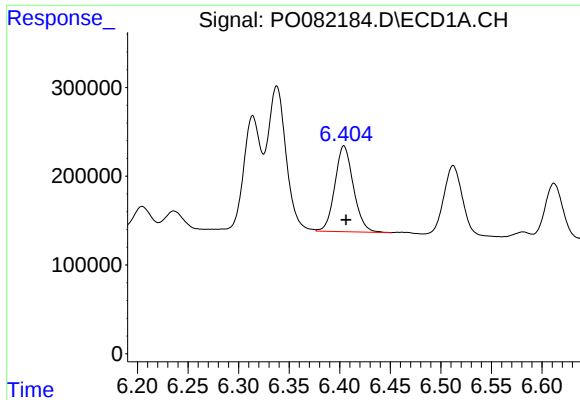
#4 AR-1016-2

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 2057004
Conc: 569.32 ng/ml



#4 AR-1016-2

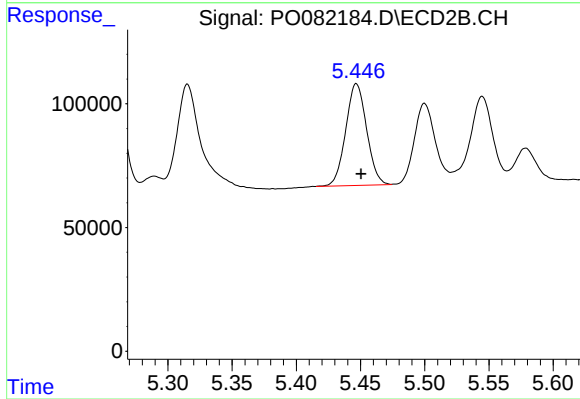
R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 894858
Conc: 540.87 ng/ml



#5 AR-1016-3

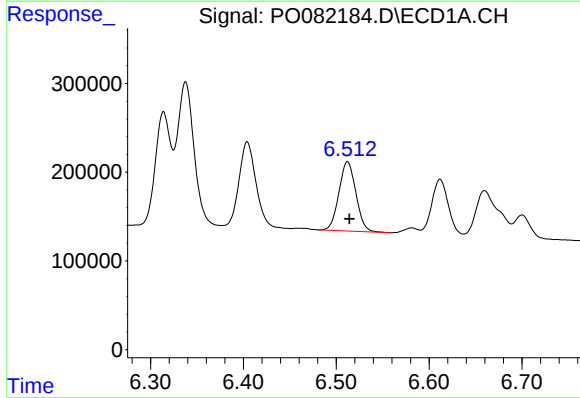
R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 1234982
Conc: 579.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



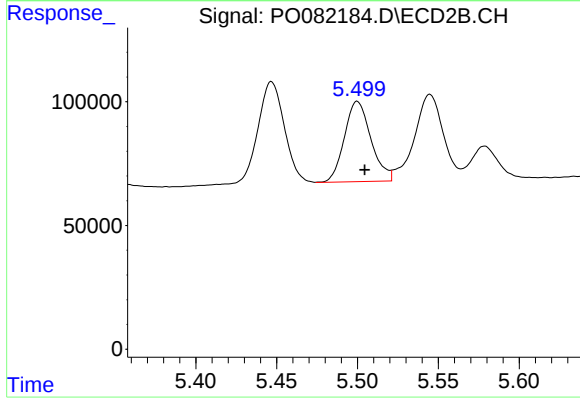
#5 AR-1016-3

R.T.: 5.447 min
Delta R.T.: -0.004 min
Response: 465986
Conc: 523.59 ng/ml



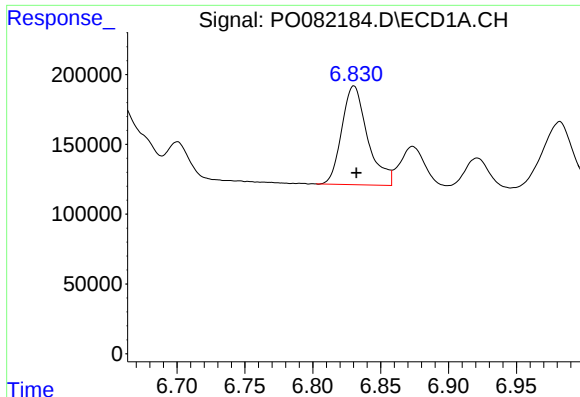
#6 AR-1016-4

R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 990797
Conc: 563.73 ng/ml



#6 AR-1016-4

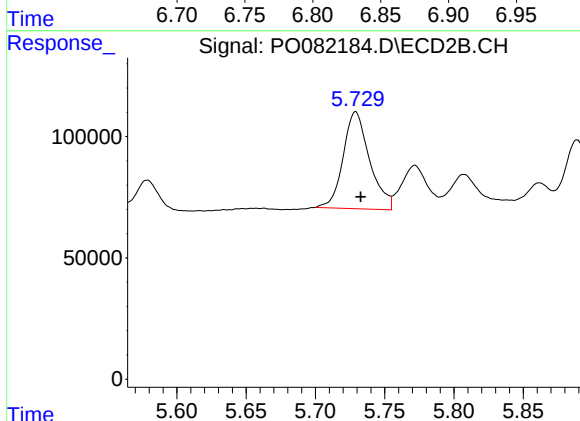
R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 371495
Conc: 511.36 ng/ml



#7 AR-1016-5

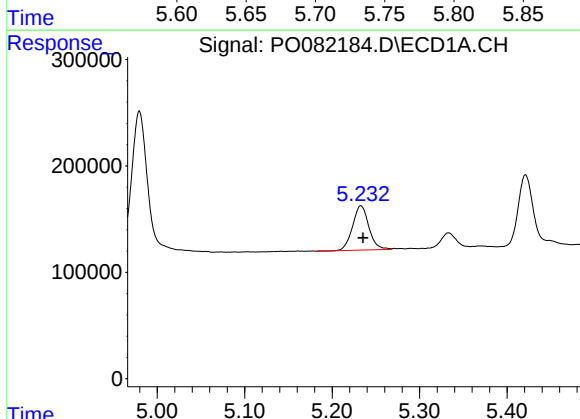
R.T.: 6.830 min
Delta R.T.: -0.002 min
Response: 938384
Conc: 549.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



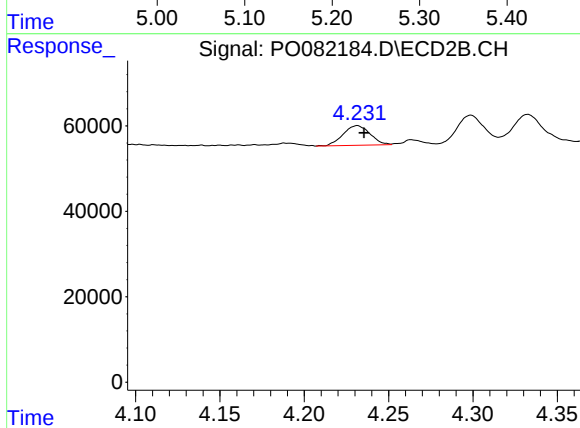
#7 AR-1016-5

R.T.: 5.729 min
Delta R.T.: -0.004 min
Response: 532430
Conc: 597.52 ng/ml



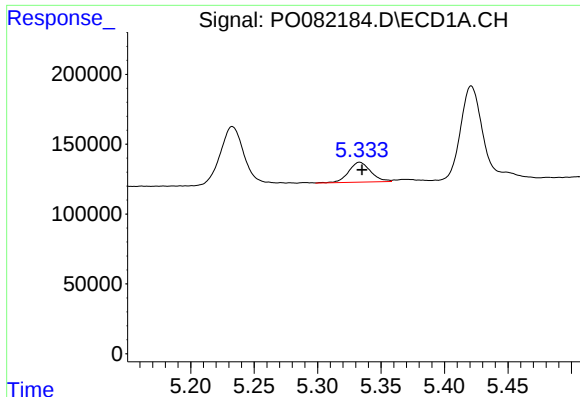
#8 AR-1221-1

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 540906
Conc: 625.90 ng/ml



#8 AR-1221-1

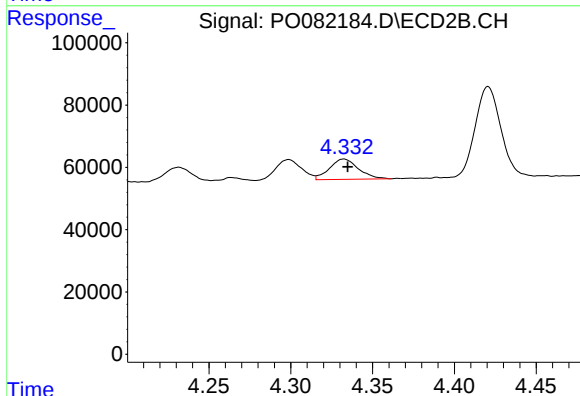
R.T.: 4.232 min
Delta R.T.: -0.004 min
Response: 51341
Conc: 139.06 ng/ml



#9 AR-1221-2

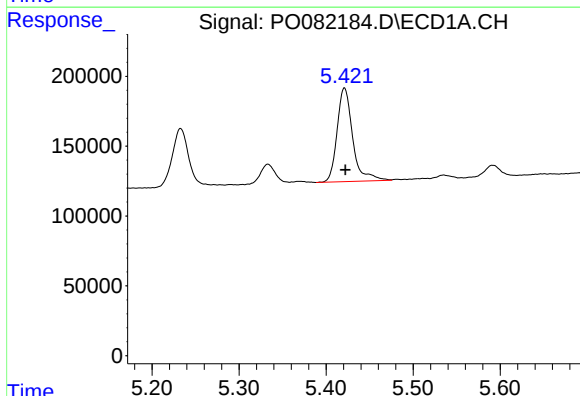
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 171658
Conc: 267.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



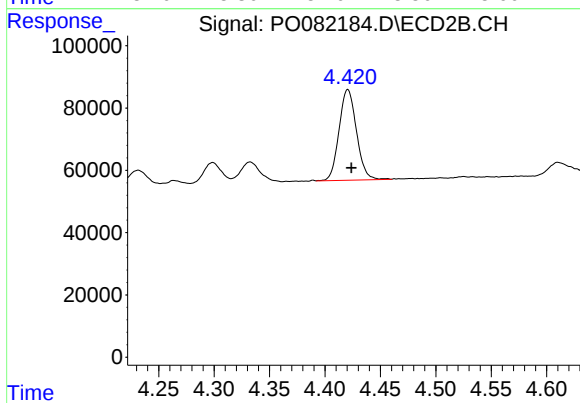
#9 AR-1221-2

R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 80238
Conc: 286.50 ng/ml



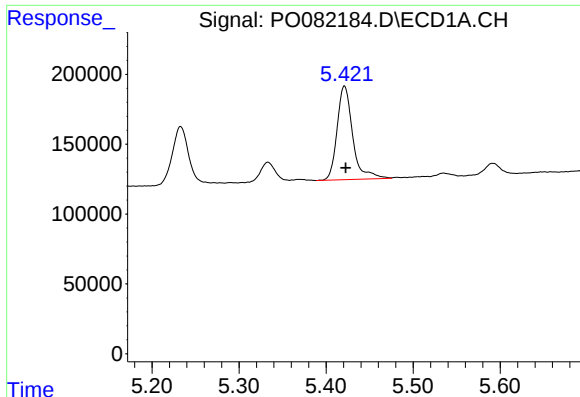
#10 AR-1221-3

R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 836208
Conc: 410.30 ng/ml



#10 AR-1221-3

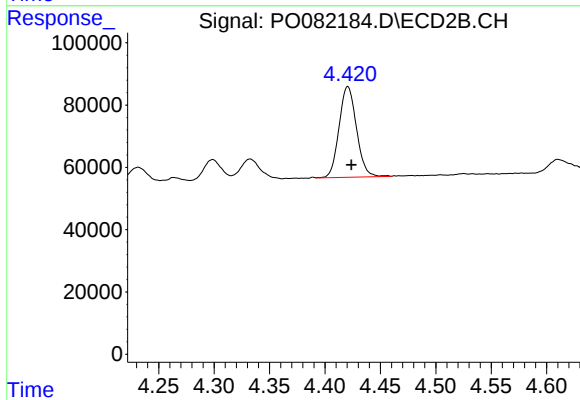
R.T.: 4.421 min
Delta R.T.: -0.003 min
Response: 318921
Conc: 378.25 ng/ml



#11 AR-1232-1

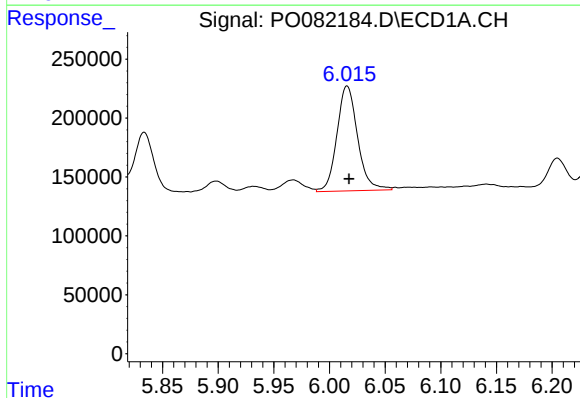
R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 836208
Conc: 554.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



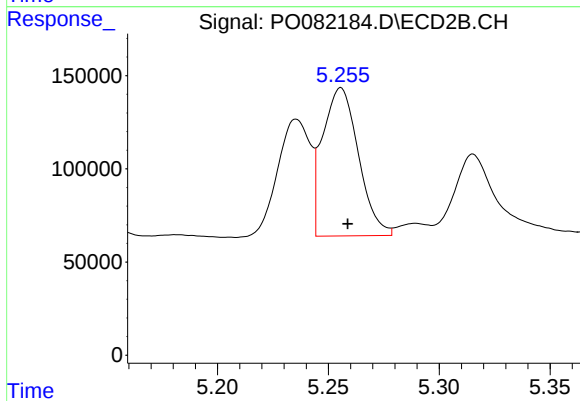
#11 AR-1232-1

R.T.: 4.421 min
Delta R.T.: -0.003 min
Response: 318921
Conc: 484.57 ng/ml



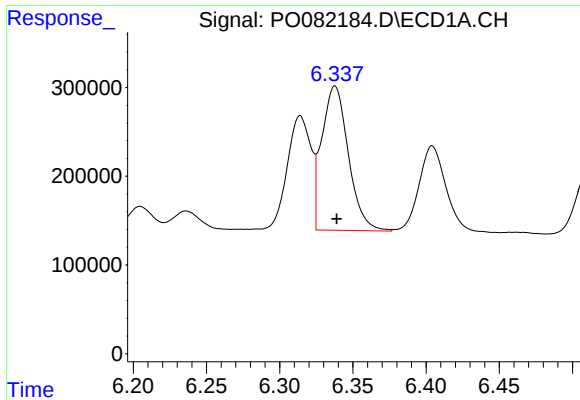
#12 AR-1232-2

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 1153956
Conc: 1408.50 ng/ml



#12 AR-1232-2

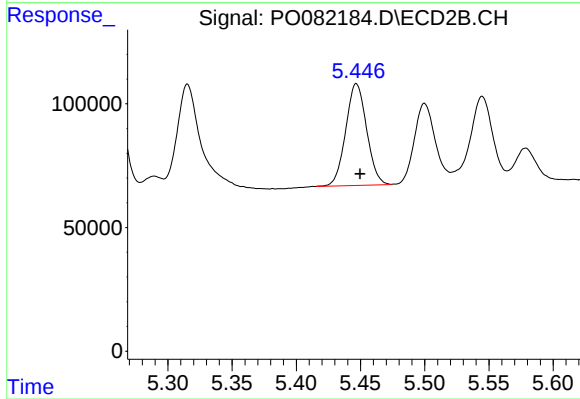
R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 894858
Conc: 1252.52 ng/ml



#13 AR-1232-3

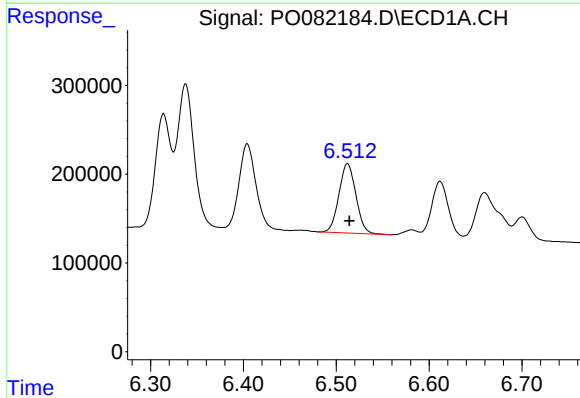
R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 2057004
Conc: 1391.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



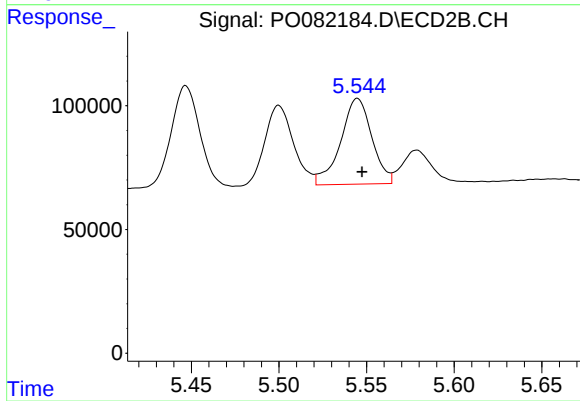
#13 AR-1232-3

R.T.: 5.447 min
Delta R.T.: -0.003 min
Response: 465986
Conc: 1229.48 ng/ml



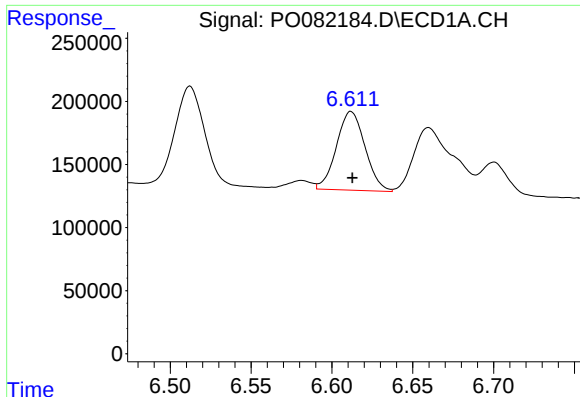
#14 AR-1232-4

R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 990797
Conc: 1399.43 ng/ml



#14 AR-1232-4

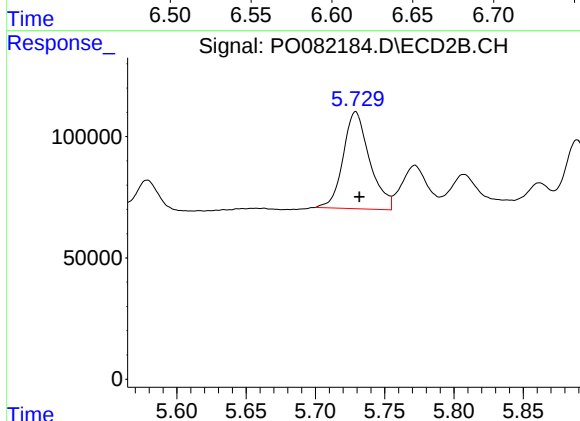
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 430481
Conc: 1226.69 ng/ml



#15 AR-1232-5

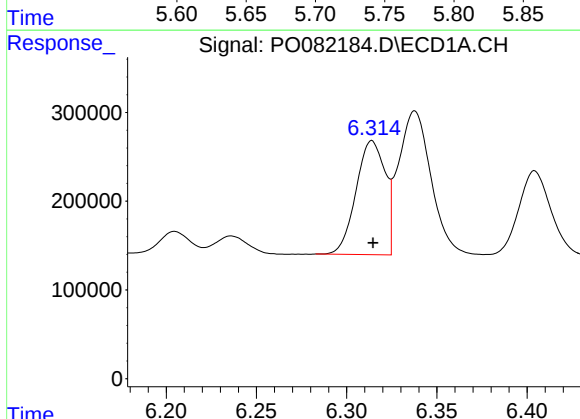
R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 769508
Conc: 1516.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



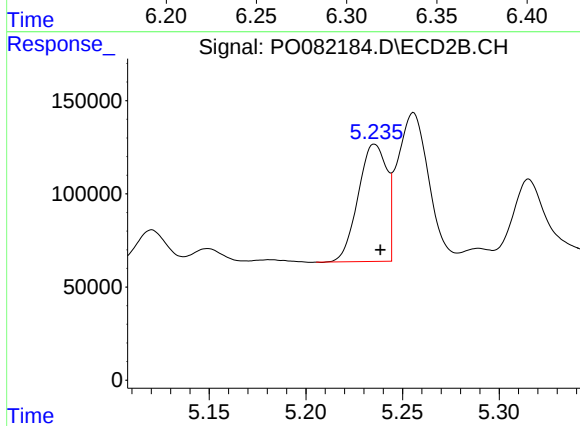
#15 AR-1232-5

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 532430
Conc: 1402.14 ng/ml



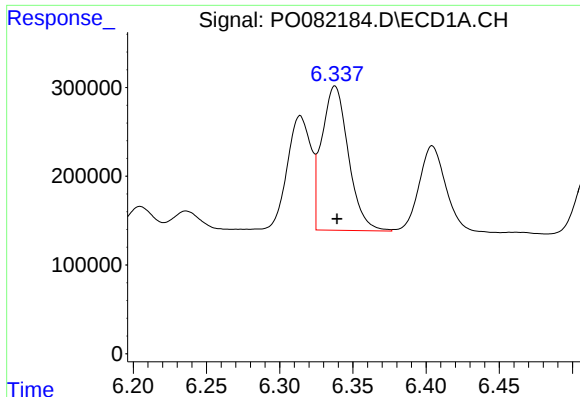
#16 AR-1242-1

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 1441512
Conc: 759.36 ng/ml



#16 AR-1242-1

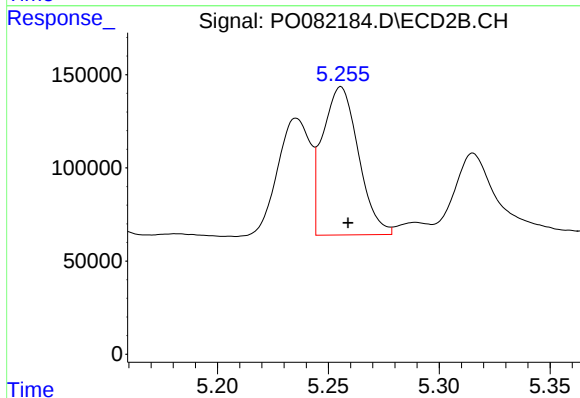
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 646876
Conc: 706.69 ng/ml



#17 AR-1242-2

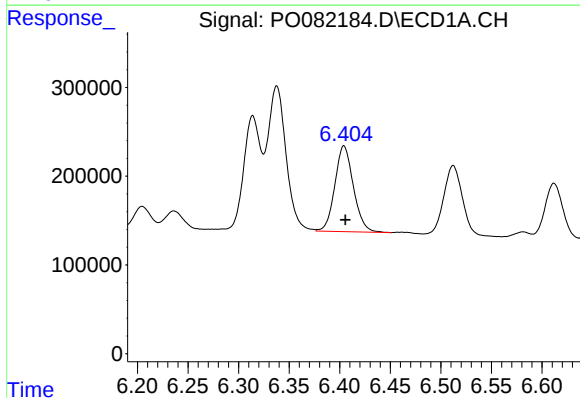
R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 2057004
Conc: 766.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



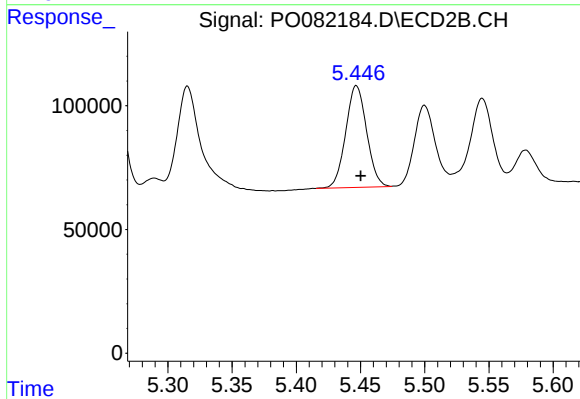
#17 AR-1242-2

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 894858
Conc: 729.25 ng/ml



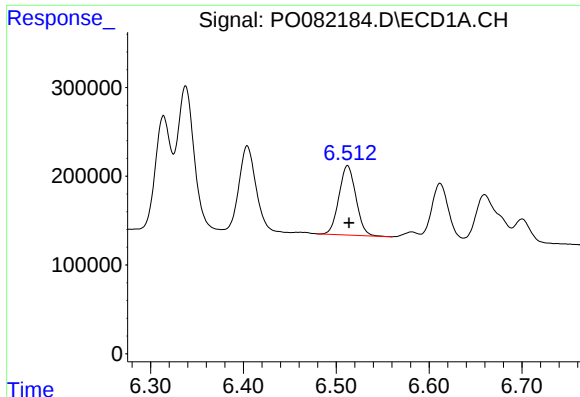
#18 AR-1242-3

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 1234982
Conc: 763.54 ng/ml



#18 AR-1242-3

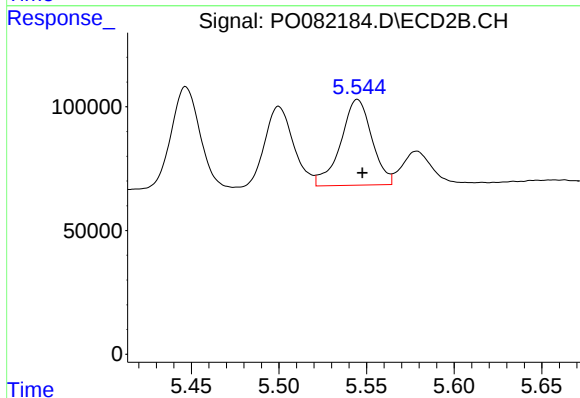
R.T.: 5.447 min
Delta R.T.: -0.003 min
Response: 465986
Conc: 692.62 ng/ml



#19 AR-1242-4

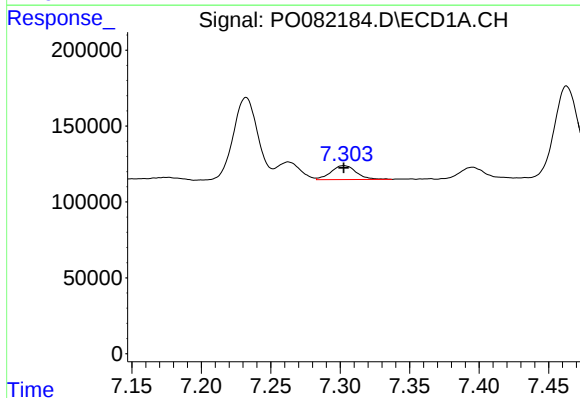
R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 990797
Conc: 776.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



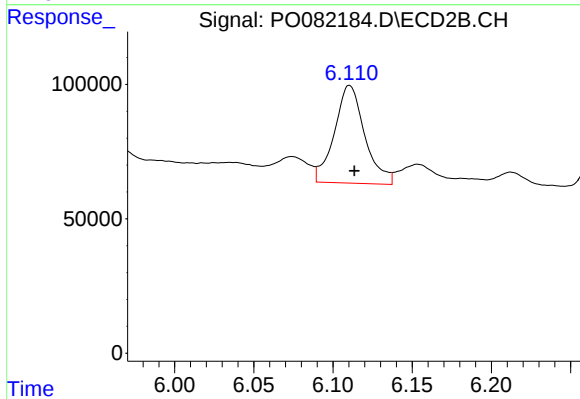
#19 AR-1242-4

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 430481
Conc: 641.29 ng/ml



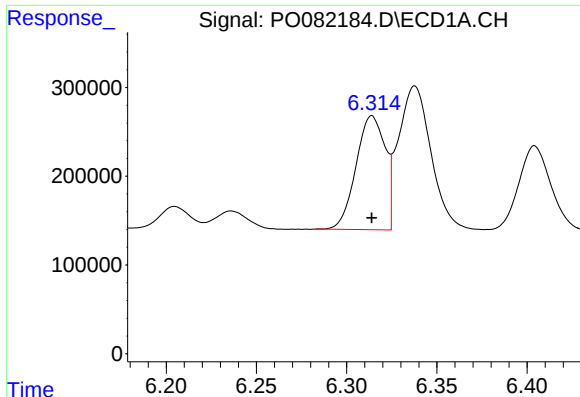
#20 AR-1242-5

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 116446
Conc: 91.55 ng/ml



#20 AR-1242-5

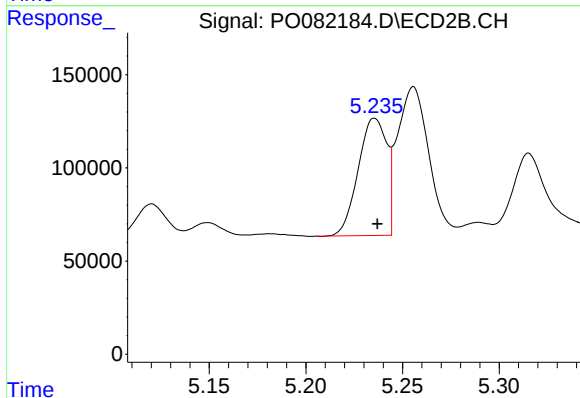
R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 486419
Conc: 566.10 ng/ml



#21 AR-1248-1

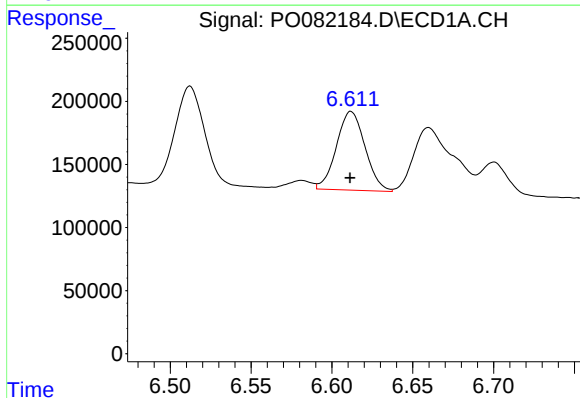
R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 1441512
Conc: 968.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



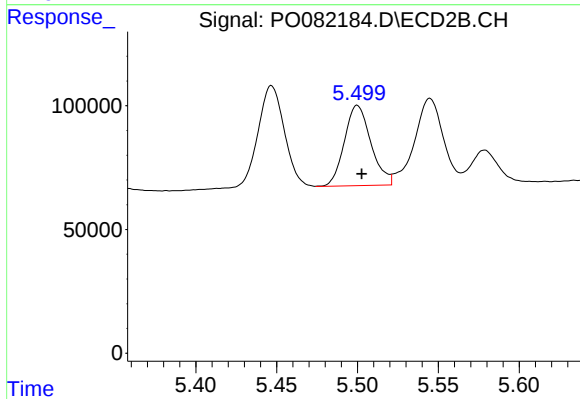
#21 AR-1248-1

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 646876
Conc: 885.53 ng/ml



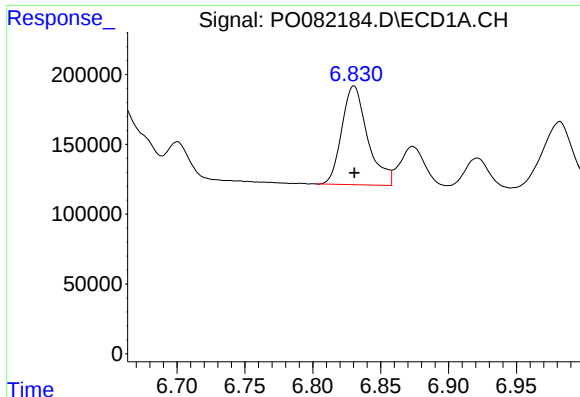
#22 AR-1248-2

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 769508
Conc: 395.73 ng/ml



#22 AR-1248-2

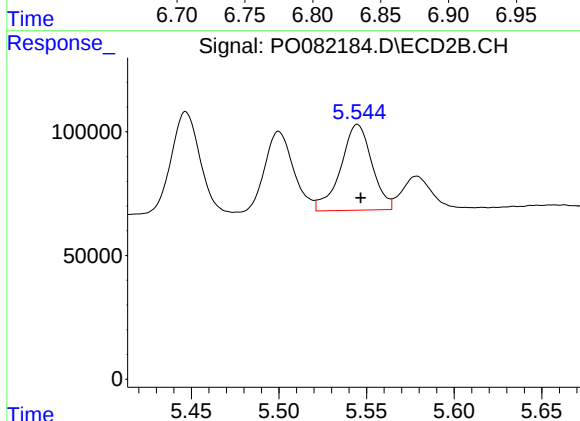
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 371495
Conc: 386.32 ng/ml



#23 AR-1248-3

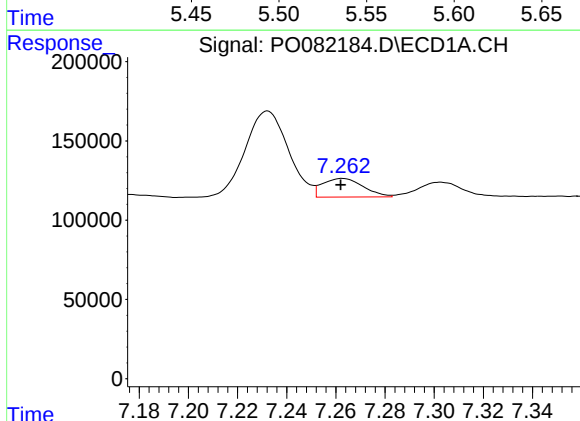
R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 938384
Conc: 431.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



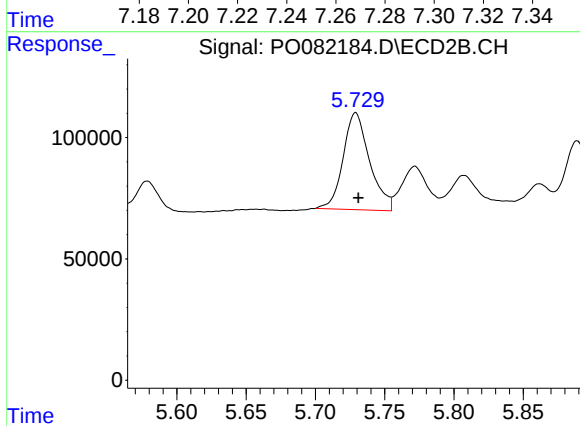
#23 AR-1248-3

R.T.: 5.545 min
Delta R.T.: -0.002 min
Response: 430481
Conc: 436.80 ng/ml



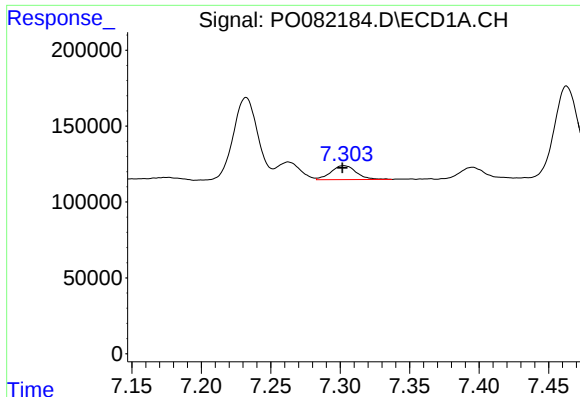
#24 AR-1248-4

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 134952
Conc: 57.20 ng/ml



#24 AR-1248-4

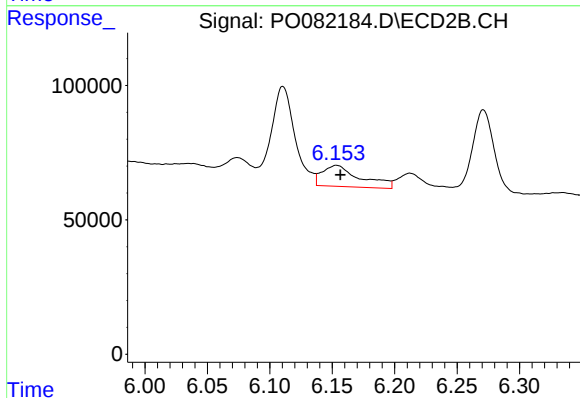
R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 532430
Conc: 463.20 ng/ml



#25 AR-1248-5

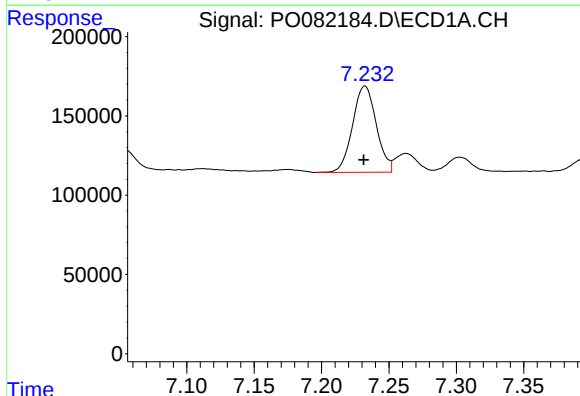
R.T.: 7.303 min
Delta R.T.: 0.001 min
Response: 116446
Conc: 52.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



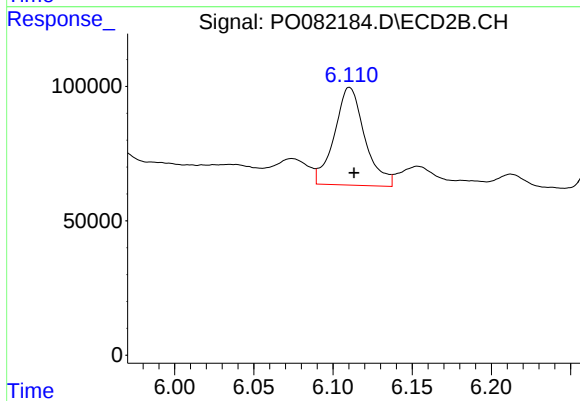
#25 AR-1248-5

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 166412
Conc: 153.17 ng/ml



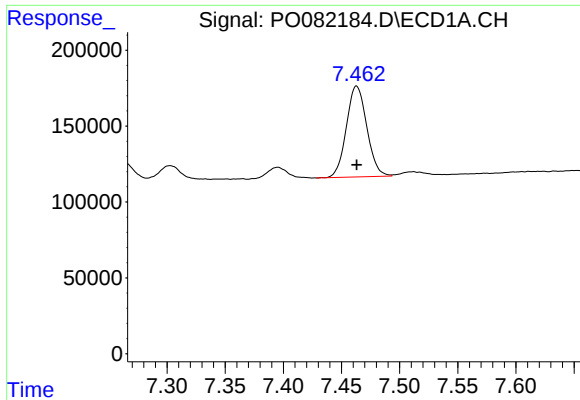
#26 AR-1254-1

R.T.: 7.232 min
Delta R.T.: 0.000 min
Response: 667272
Conc: 278.62 ng/ml



#26 AR-1254-1

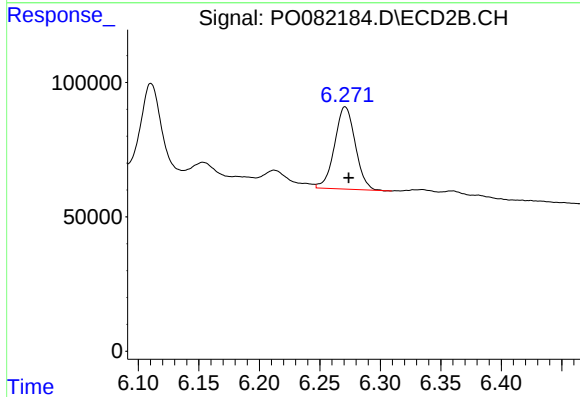
R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 486419
Conc: 292.08 ng/ml



#27 AR-1254-2

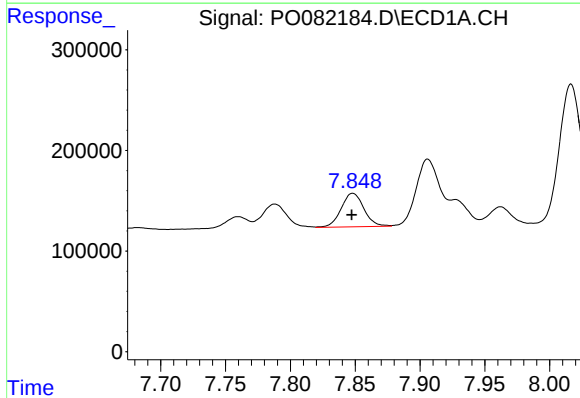
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 733069
Conc: 200.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



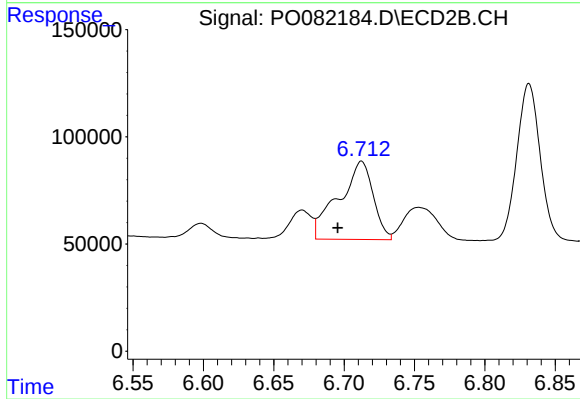
#27 AR-1254-2

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 365108
Conc: 244.55 ng/ml



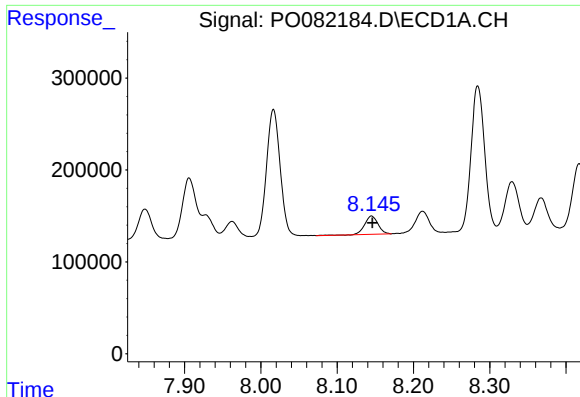
#28 AR-1254-3

R.T.: 7.848 min
Delta R.T.: 0.000 min
Response: 407476
Conc: 112.60 ng/ml



#28 AR-1254-3

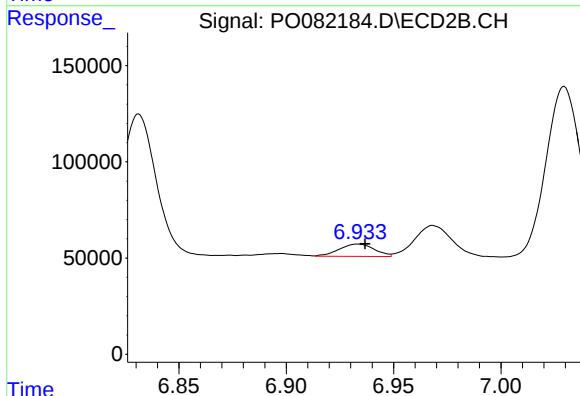
R.T.: 6.712 min
Delta R.T.: 0.017 min
Response: 624328
Conc: 278.81 ng/ml



#29 AR-1254-4

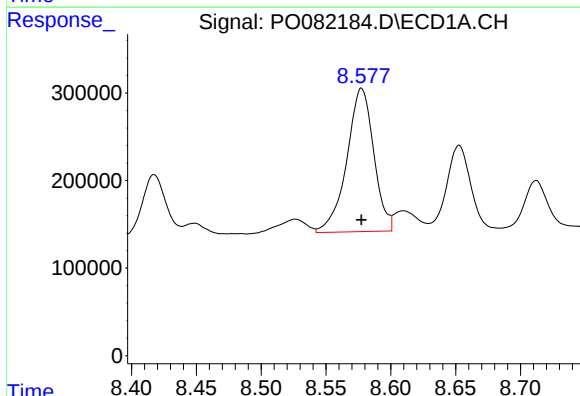
R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 244428
Conc: 90.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



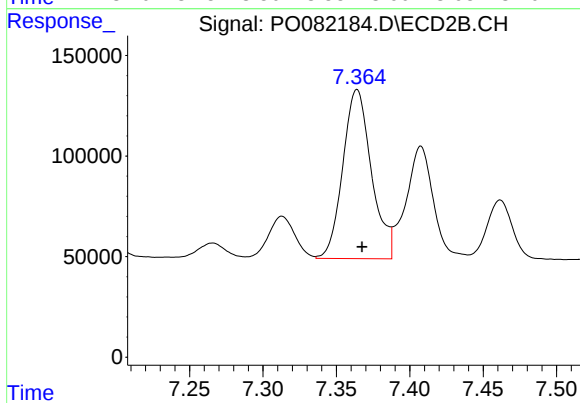
#29 AR-1254-4

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 72942
Conc: 49.66 ng/ml



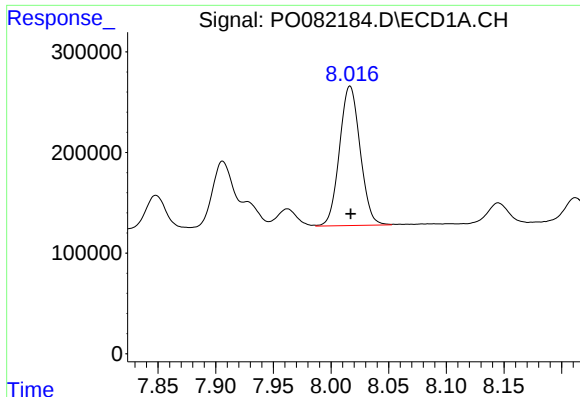
#30 AR-1254-5

R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 2369641
Conc: 813.62 ng/ml



#30 AR-1254-5

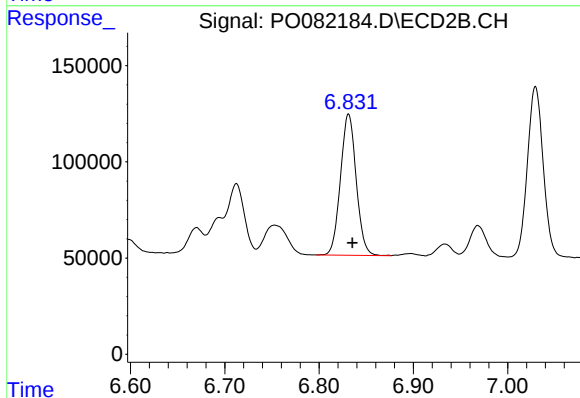
R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 1142370
Conc: 554.74 ng/ml



#31 AR-1260-1

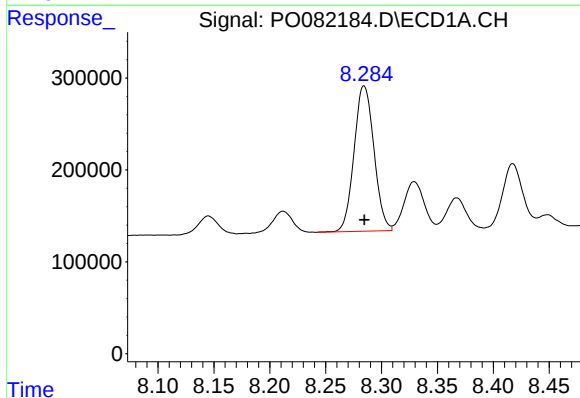
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 1713587
Conc: 607.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



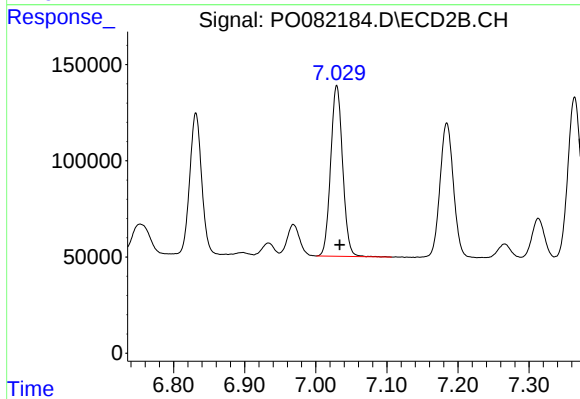
#31 AR-1260-1

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 853081
Conc: 515.35 ng/ml



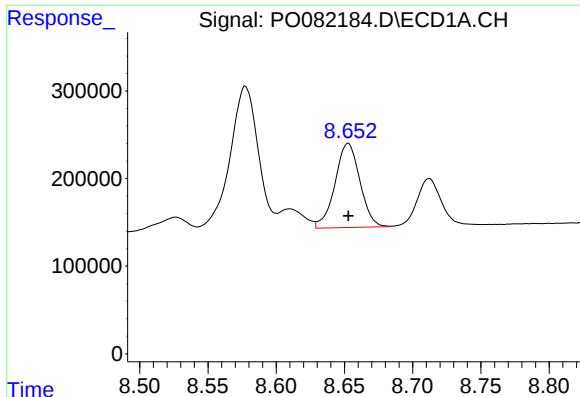
#32 AR-1260-2

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 1959553
Conc: 589.03 ng/ml



#32 AR-1260-2

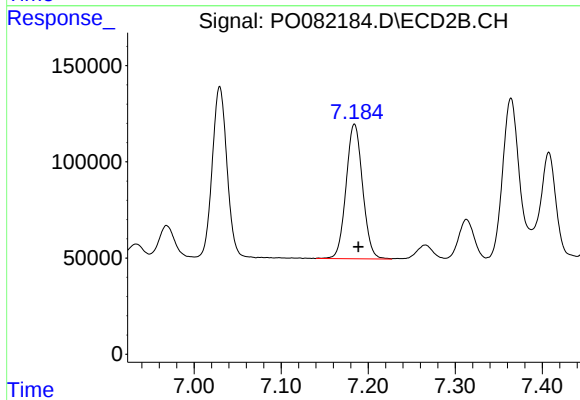
R.T.: 7.029 min
Delta R.T.: -0.004 min
Response: 1038035
Conc: 517.51 ng/ml



#33 AR-1260-3

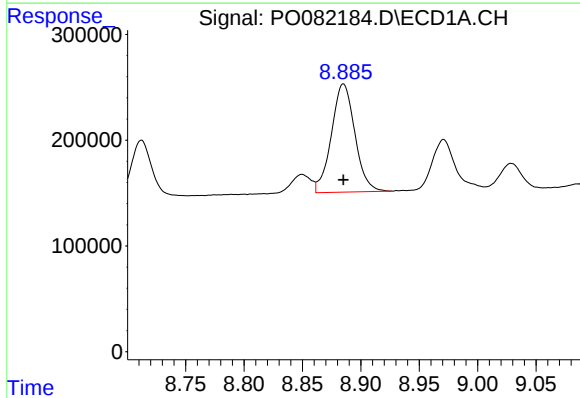
R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 1222632
Conc: 542.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



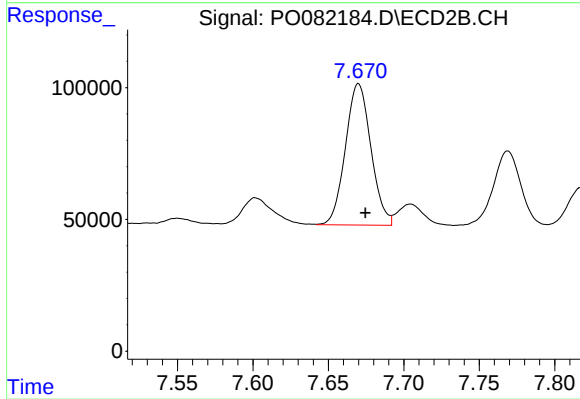
#33 AR-1260-3

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 922544
Conc: 486.98 ng/ml



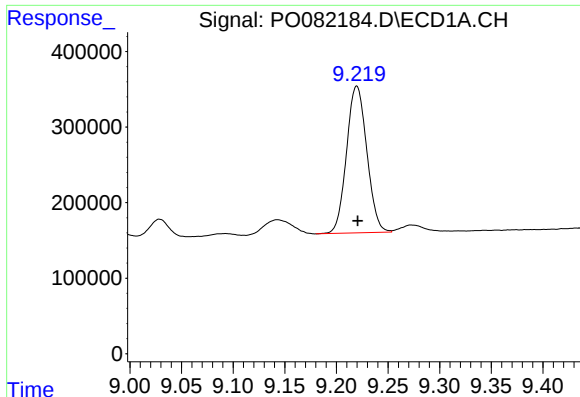
#34 AR-1260-4

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 1431799
Conc: 540.84 ng/ml



#34 AR-1260-4

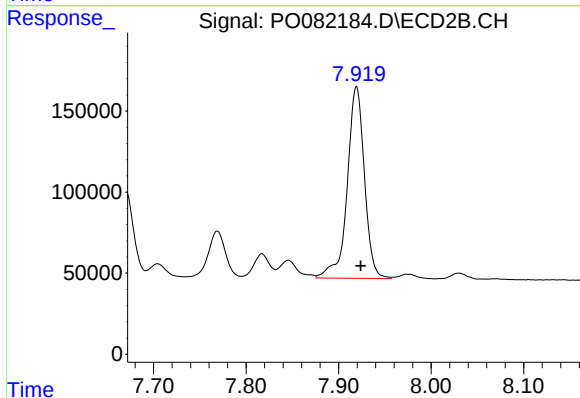
R.T.: 7.670 min
Delta R.T.: -0.005 min
Response: 631420
Conc: 460.67 ng/ml



#35 AR-1260-5

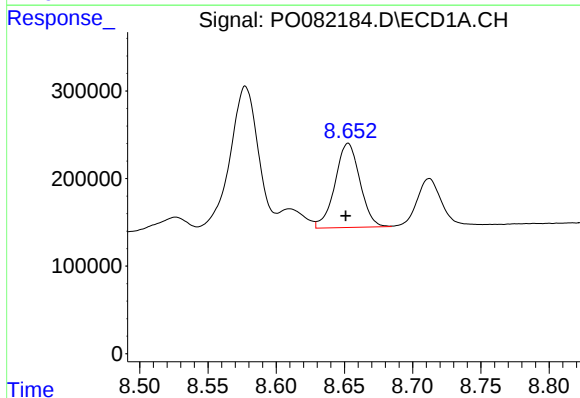
R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 2664237
Conc: 486.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



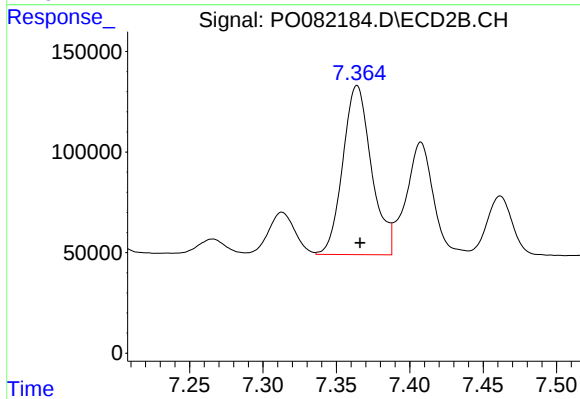
#35 AR-1260-5

R.T.: 7.919 min
Delta R.T.: -0.004 min
Response: 1528593
Conc: 462.62 ng/ml



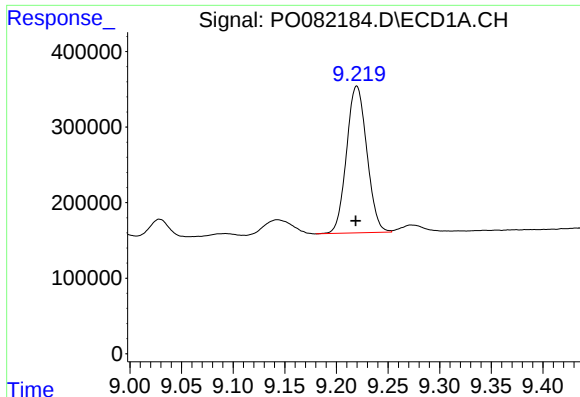
#36 AR-1262-1

R.T.: 8.653 min
Delta R.T.: 0.002 min
Response: 1222632
Conc: 357.42 ng/ml



#36 AR-1262-1

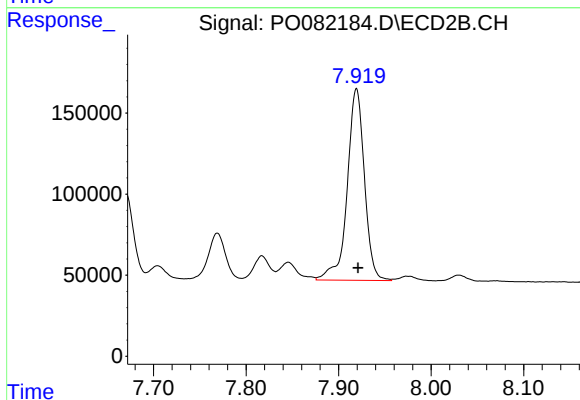
R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 1142370
Conc: 1035.60 ng/ml



#37 AR-1262-2

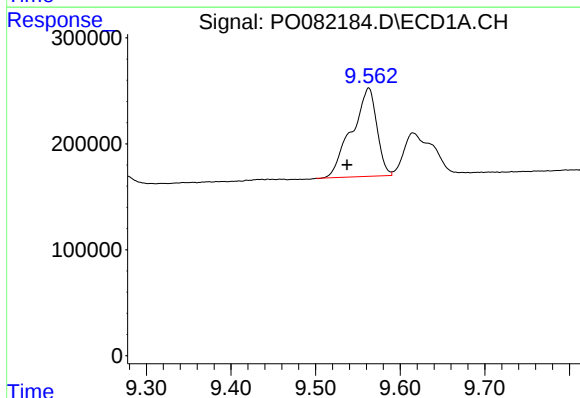
R.T.: 9.220 min
Delta R.T.: 0.001 min
Response: 2664237
Conc: 424.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



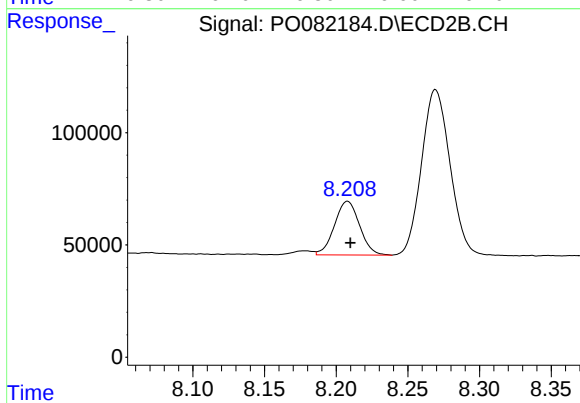
#37 AR-1262-2

R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 1528593
Conc: 427.87 ng/ml



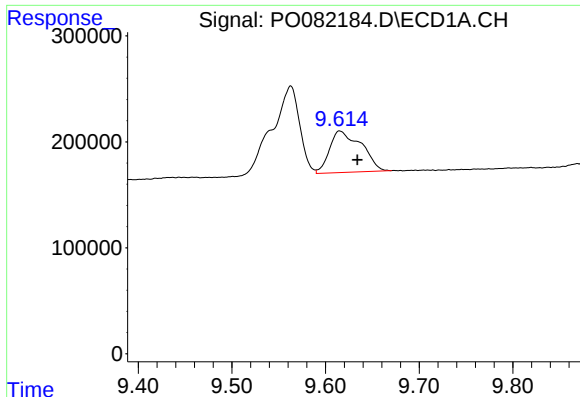
#38 AR-1262-3

R.T.: 9.563 min
Delta R.T.: 0.026 min
Response: 1712325
Conc: 622.61 ng/ml



#38 AR-1262-3

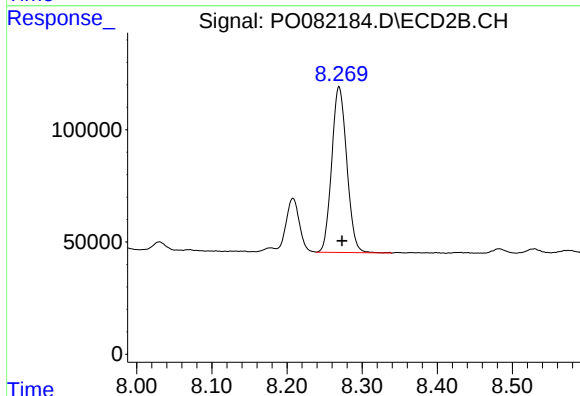
R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 292189
Conc: 194.12 ng/ml



#39 AR-1262-4

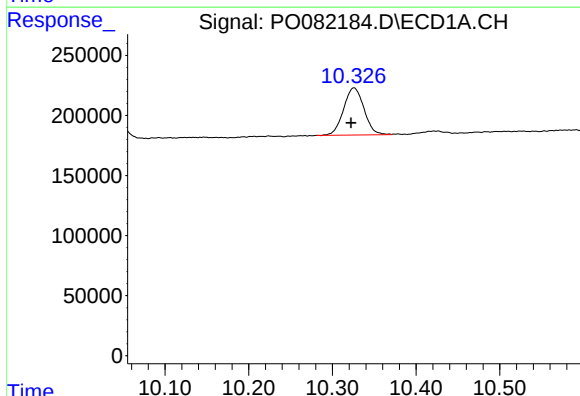
R.T.: 9.615 min
Delta R.T.: -0.019 min
Response: 924470
Conc: 552.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



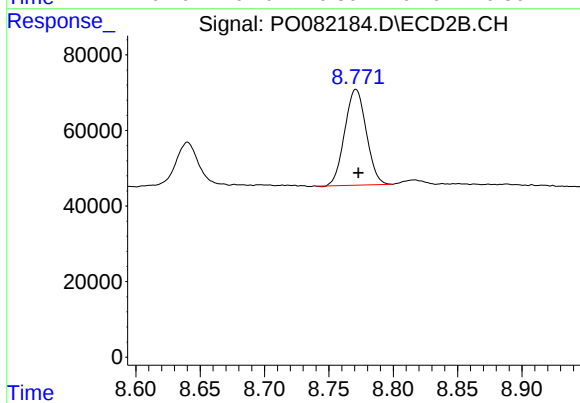
#39 AR-1262-4

R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 1028221
Conc: 386.33 ng/ml



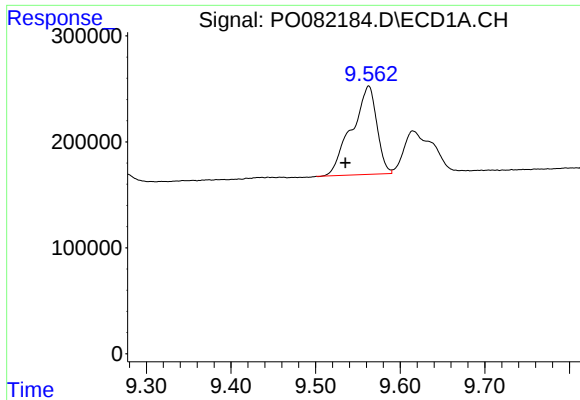
#40 AR-1262-5

R.T.: 10.326 min
Delta R.T.: 0.004 min
Response: 663424
Conc: 291.12 ng/ml



#40 AR-1262-5

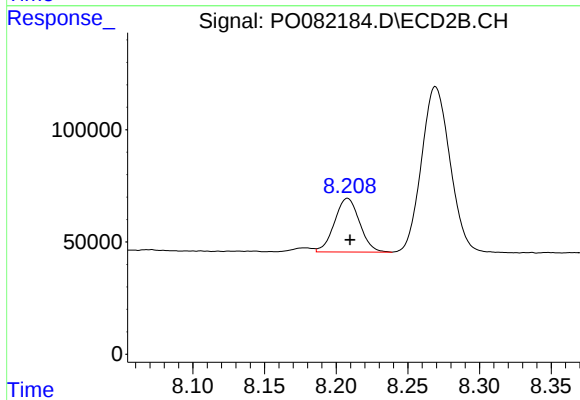
R.T.: 8.771 min
Delta R.T.: -0.002 min
Response: 294864
Conc: 233.44 ng/ml



#41 AR-1268-1

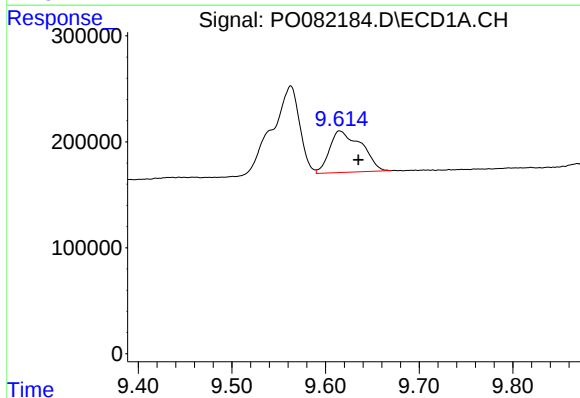
R.T.: 9.563 min
Delta R.T.: 0.027 min
Response: 1712325
Conc: 229.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



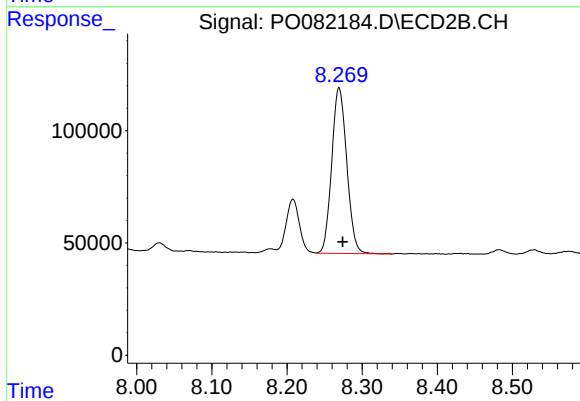
#41 AR-1268-1

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 292189
Conc: 69.34 ng/ml



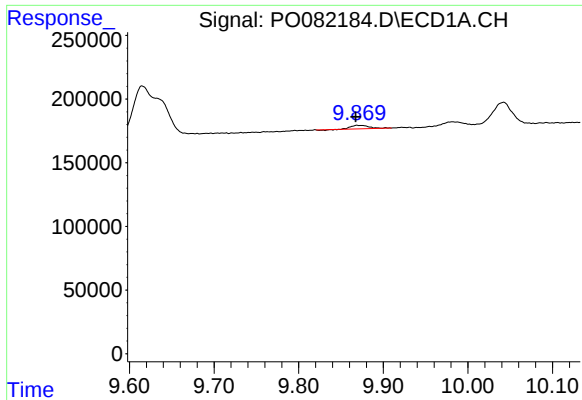
#42 AR-1268-2

R.T.: 9.615 min
Delta R.T.: -0.020 min
Response: 924470
Conc: 136.65 ng/ml



#42 AR-1268-2

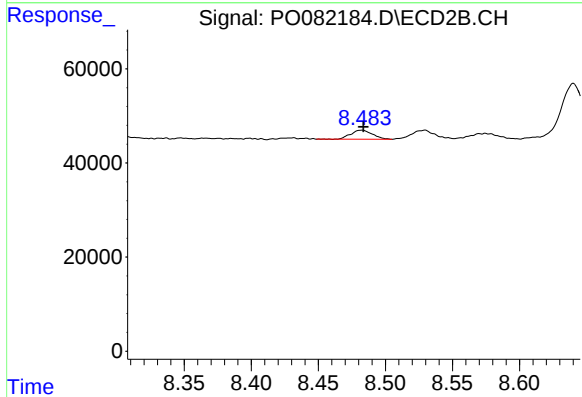
R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 1028221
Conc: 270.68 ng/ml



#43 AR-1268-3

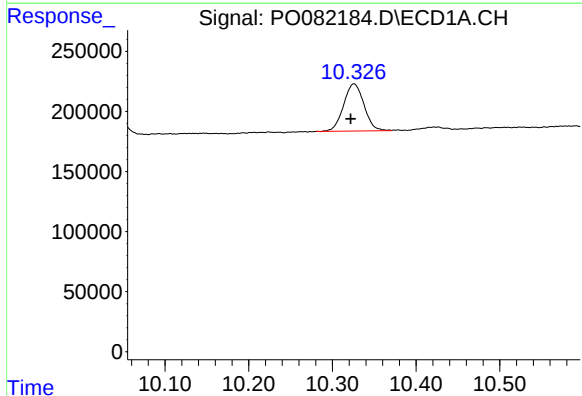
R.T.: 9.869 min
Delta R.T.: 0.002 min
Response: 39242
Conc: 6.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



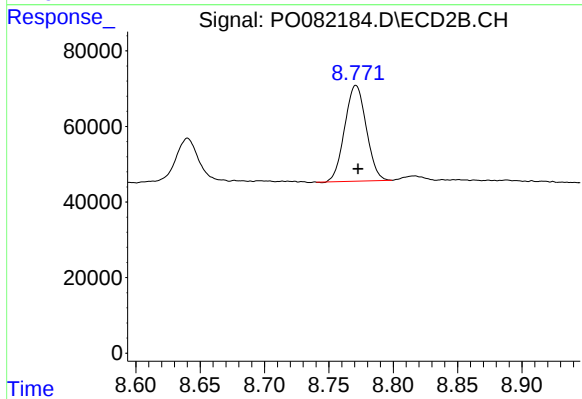
#43 AR-1268-3

R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 21396
Conc: 6.60 ng/ml



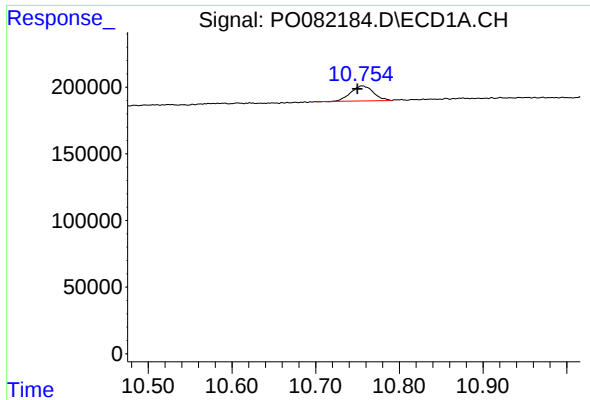
#44 AR-1268-4

R.T.: 10.326 min
Delta R.T.: 0.004 min
Response: 663424
Conc: 262.17 ng/ml



#44 AR-1268-4

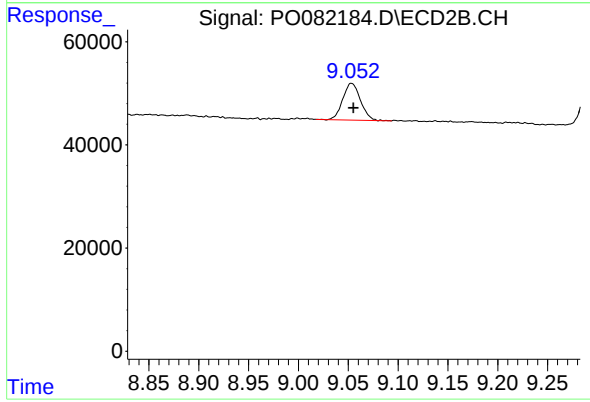
R.T.: 8.771 min
Delta R.T.: -0.002 min
Response: 294864
Conc: 212.27 ng/ml



#45 AR-1268-5

R.T.: 10.756 min
Delta R.T.: 0.005 min
Response: 211795
Conc: 10.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 88456
Conc: 9.14 ng/ml