

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110821\
 Data File : PO082598.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Nov 2021 13:27
 Operator : AJ\MA
 Sample : M4529-02DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 08:25:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 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...	4.965	3.963	839619	324928	9.592	10.500
2)	SA Decachlor...	11.069	9.277	691844	218793	10.955	7.599 #
Target Compounds							
3)	L1 AR-1016-1	6.298	5.221	453772	189035	156.441	140.898
4)	L1 AR-1016-2	6.322	5.242	741959	286954	179.772	155.835
5)	L1 AR-1016-3	6.387	5.432	573131	190802	223.807	191.396
6)	L1 AR-1016-4	6.511	5.485	4410032	392827	2136.382	481.592 #
7)	L1 AR-1016-5	6.814	5.714	976724	459430	478.973	450.676
8)	L2 AR-1221-1	5.218	4.252f	90690	10975	96.165	28.735 #
9)	L2 AR-1221-2	5.326	0.000	125650	0	193.848	N.D. #
10)	L2 AR-1221-3	5.410	4.417	73143	45261	35.456	48.914 #
11)	L3 AR-1232-1	5.410	4.417	73143	45261	42.223	57.334 #
12)	L3 AR-1232-2	5.995	5.242	414394	286954	468.625	382.283
13)	L3 AR-1232-3	6.322	5.432	741959	190802	469.851	481.152
14)	L3 AR-1232-4	6.511	5.530	4410032	346730	5742.755	1004.027 #
15)	L3 AR-1232-5	6.595	5.714	937830	459430	1696.585	1225.453 #
16)	L4 AR-1242-1	6.298	5.221	453772	189035	218.314	193.706
17)	L4 AR-1242-2	6.322	5.242	741959	286954	254.352	213.170
18)	L4 AR-1242-3	6.387	5.432	573131	190802	310.704	261.754
19)	L4 AR-1242-4	6.511	5.530	4410032	346730	2950.781	485.677 #
20)	L4 AR-1242-5	7.286	6.095	794065	988805	530.803	1071.069 #
21)	L5 AR-1248-1	6.298	5.221	453772	189035	297.309	256.329
22)	L5 AR-1248-2	6.595	5.485	937830	392827	445.887	385.767
23)	L5 AR-1248-3	6.814	5.530	976724	346730	402.548	333.214
24)	L5 AR-1248-4	7.245	5.714	894581	459430	348.289	374.785
25)	L5 AR-1248-5	7.286	6.138	794065	240161	314.823	194.357 #
26)	L6 AR-1254-1	7.214	6.095	1646228	988805	604.247	509.073
27)	L6 AR-1254-2	7.446	6.256	2932827	1048437	704.060	612.633
28)	L6 AR-1254-3	7.830	6.676	3242670	1858214	758.168	722.783
29)	L6 AR-1254-4	8.128	6.917	2678212	1293967	873.332	711.854
30)	L6 AR-1254-5	8.560	7.348	4529680	3131870	1408.523	1347.435
31)	L7 AR-1260-1	7.997	6.814	1915646	1243782	603.261	685.646
32)	L7 AR-1260-2	8.265	7.014	2304710	1526838	613.126	638.003
33)	L7 AR-1260-3	8.628	7.165	699858	1027718	247.118	483.268 #
34)	L7 AR-1260-4	8.858	7.654	4089841	722285	1226.920	433.038 #
35)	L7 AR-1260-5	9.199	7.900	2169306	763912	345.716	183.459 #
36)	L8 AR-1262-1	8.628	7.348	699858	3131870	188.618	2620.525 #
37)	L8 AR-1262-2	9.199	7.900	2169306	763912	339.643	187.185 #
38)	L8 AR-1262-3	9.539f	8.189	2032221	901330	708.689	552.719
39)	L8 AR-1262-4	9.627	8.250	333958	1963520	197.882	674.287 #
40)	L8 AR-1262-5	10.298	8.778f	92941	137105	38.268	100.071 #
41)	L9 AR-1268-1	9.539f	8.189	2032221	901330	248.953	172.338 #

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 ALS Vial : 8 Sample Multiplier: 1

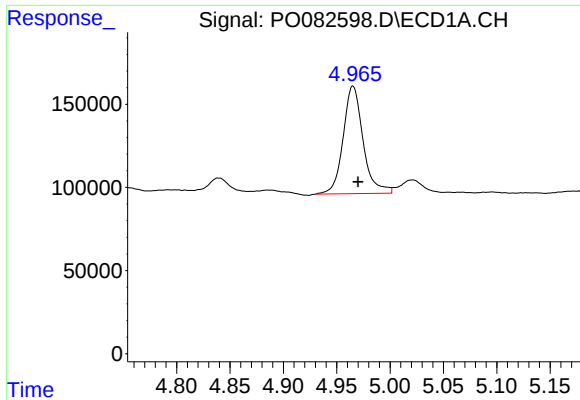
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 08:25:08 2021
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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	9.627	8.250	333958	1963520	44.169	432.712 #
43) L9	AR-1268-3	9.866	8.470	31513	74233	4.803	19.099 #
44) L9	AR-1268-4	10.298	8.778f	92941	137105	33.042	86.295 #
45) L9	AR-1268-5	10.710f	9.030	197014	51597	8.905	4.719 #

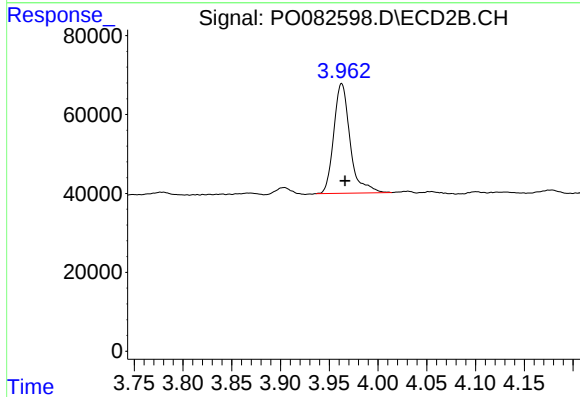
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

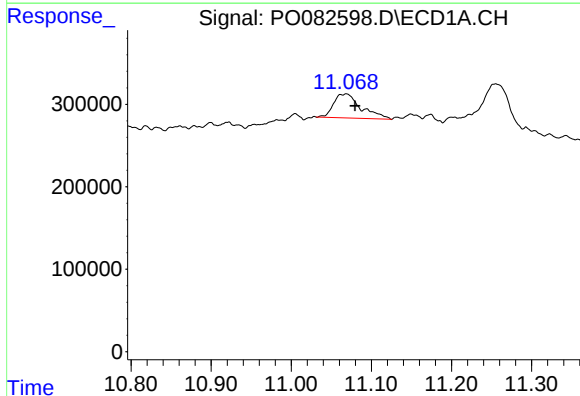
R.T.: 4.965 min
Delta R.T.: -0.005 min
Response: 839619
Conc: 9.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



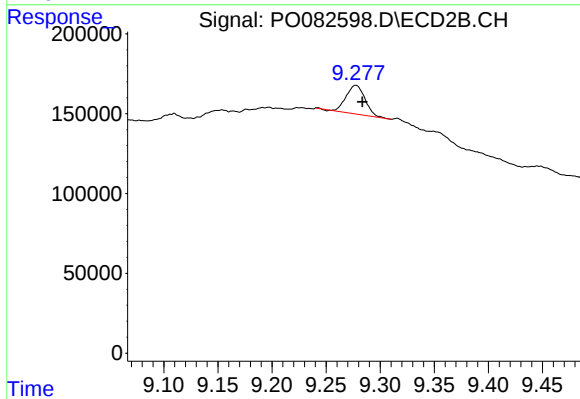
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 324928
Conc: 10.50 ng/ml



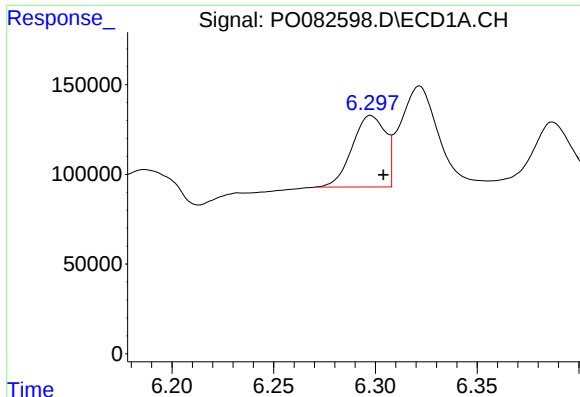
#2 Decachlorobiphenyl

R.T.: 11.069 min
Delta R.T.: -0.011 min
Response: 691844
Conc: 10.96 ng/ml



#2 Decachlorobiphenyl

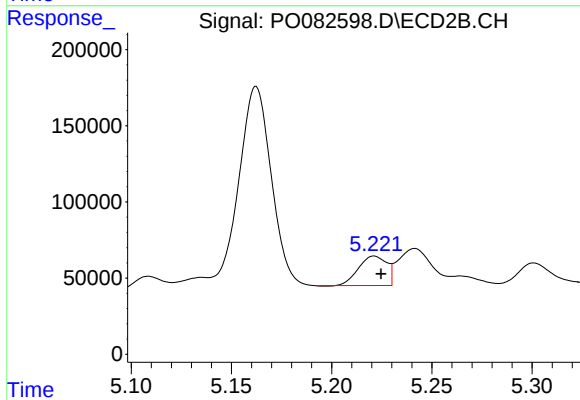
R.T.: 9.277 min
Delta R.T.: -0.006 min
Response: 218793
Conc: 7.60 ng/ml



#3 AR-1016-1

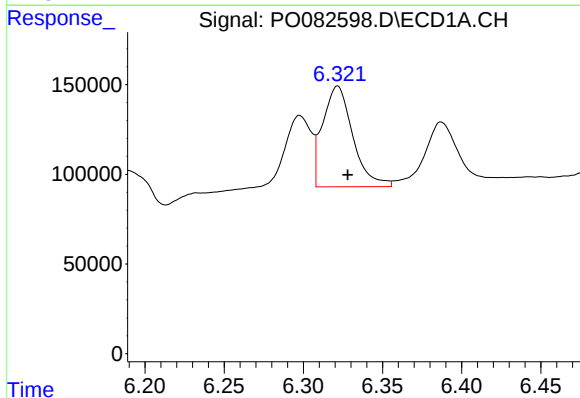
R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 453772
Conc: 156.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



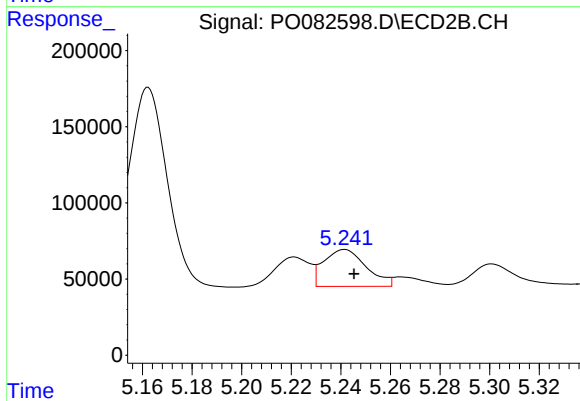
#3 AR-1016-1

R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 189035
Conc: 140.90 ng/ml



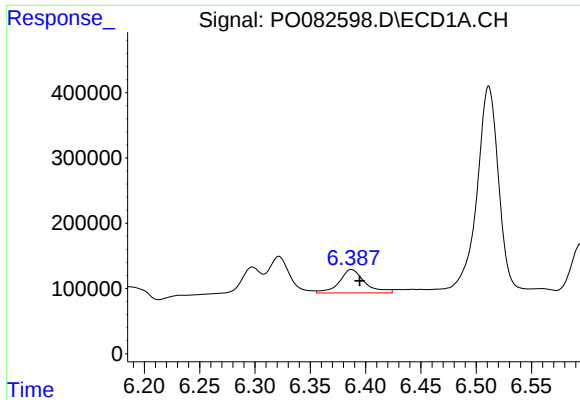
#4 AR-1016-2

R.T.: 6.322 min
Delta R.T.: -0.006 min
Response: 741959
Conc: 179.77 ng/ml



#4 AR-1016-2

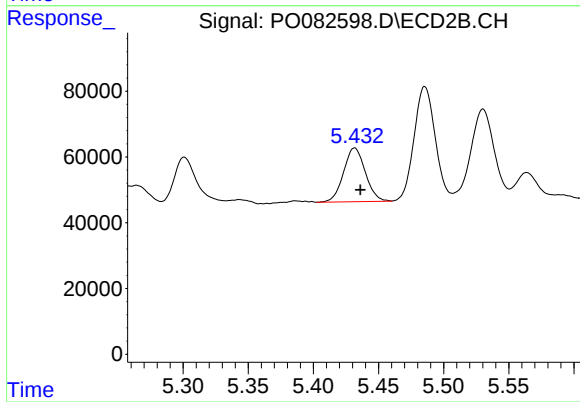
R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 286954
Conc: 155.84 ng/ml



#5 AR-1016-3

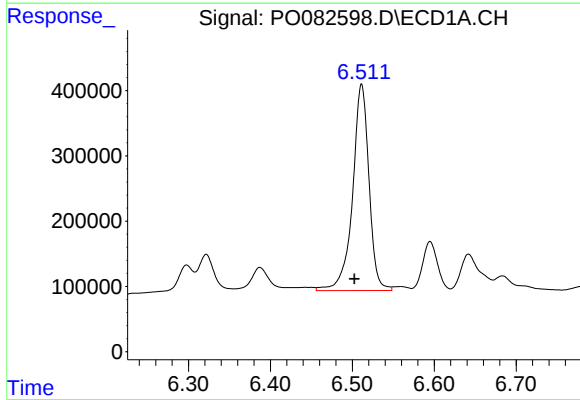
R.T.: 6.387 min
Delta R.T.: -0.008 min
Response: 573131
Conc: 223.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



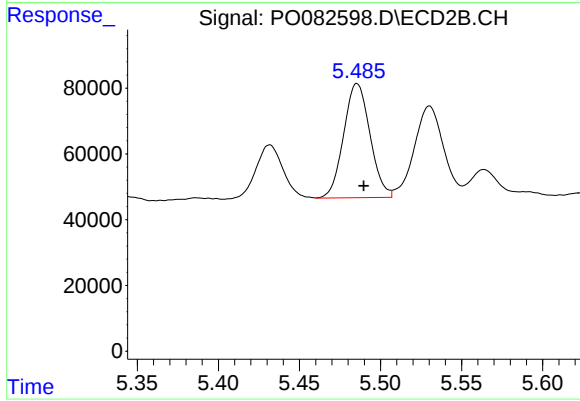
#5 AR-1016-3

R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 190802
Conc: 191.40 ng/ml



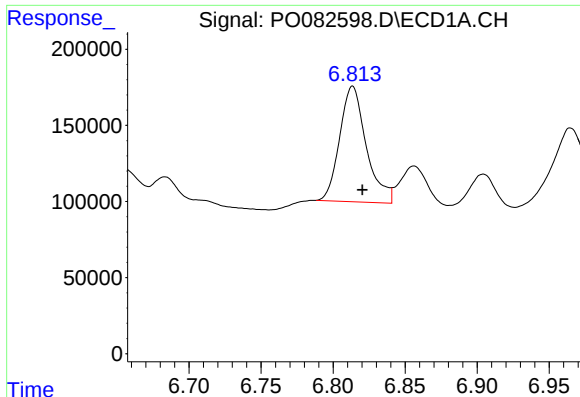
#6 AR-1016-4

R.T.: 6.511 min
Delta R.T.: 0.009 min
Response: 4410032
Conc: 2136.38 ng/ml



#6 AR-1016-4

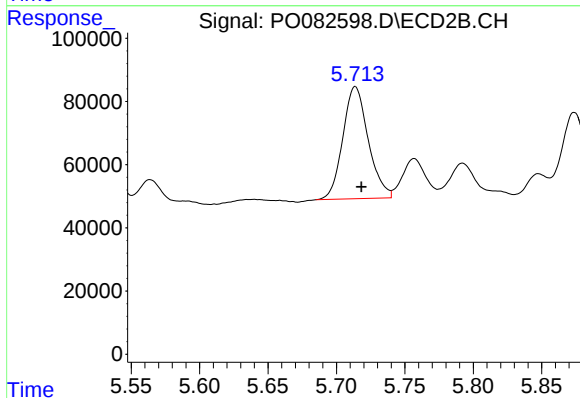
R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 392827
Conc: 481.59 ng/ml



#7 AR-1016-5

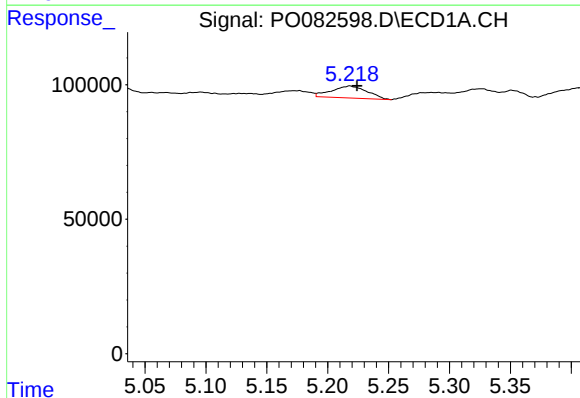
R.T.: 6.814 min
Delta R.T.: -0.007 min
Response: 976724
Conc: 478.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



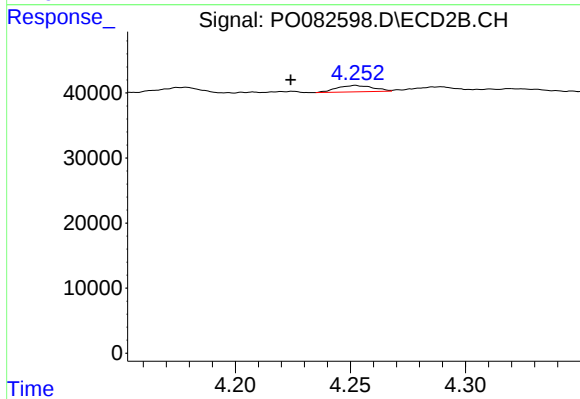
#7 AR-1016-5

R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 459430
Conc: 450.68 ng/ml



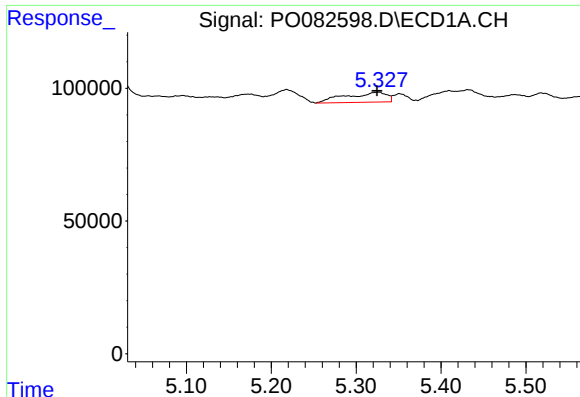
#8 AR-1221-1

R.T.: 5.218 min
Delta R.T.: -0.006 min
Response: 90690
Conc: 96.17 ng/ml



#8 AR-1221-1

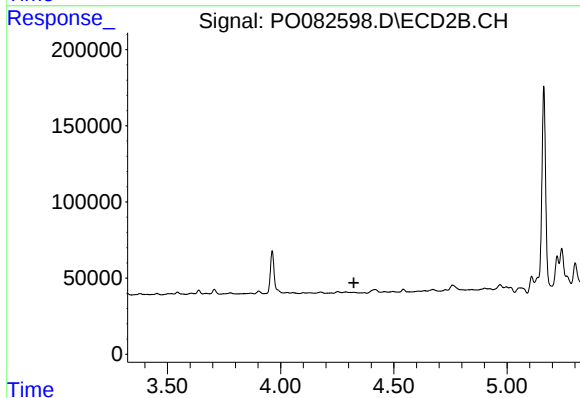
R.T.: 4.252 min
Delta R.T.: 0.028 min
Response: 10975
Conc: 28.74 ng/ml



#9 AR-1221-2

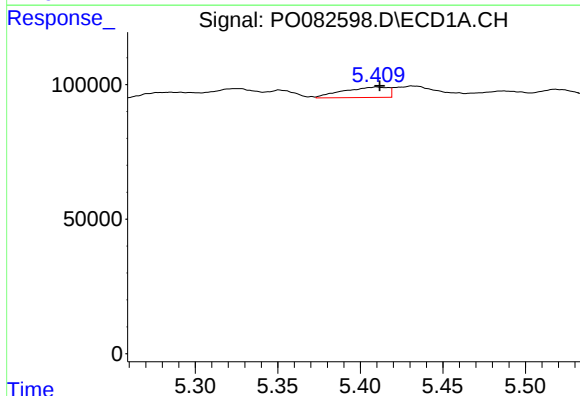
R.T.: 5.326 min
Delta R.T.: 0.002 min
Response: 125650
Conc: 193.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



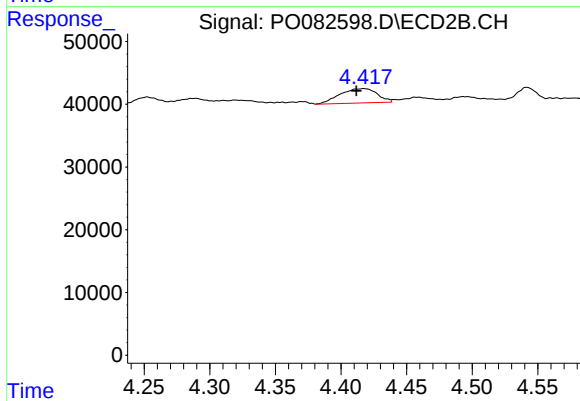
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.323 min
Response: 0
Conc: N.D.



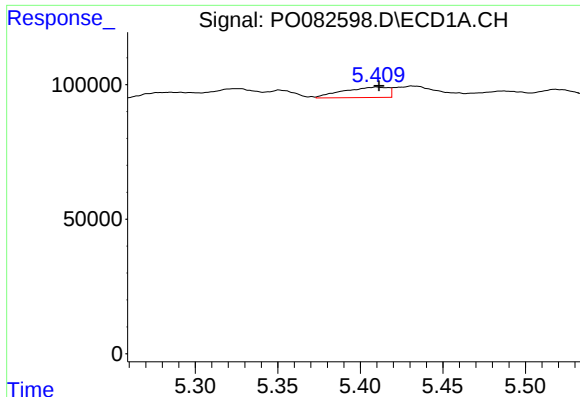
#10 AR-1221-3

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 73143
Conc: 35.46 ng/ml



#10 AR-1221-3

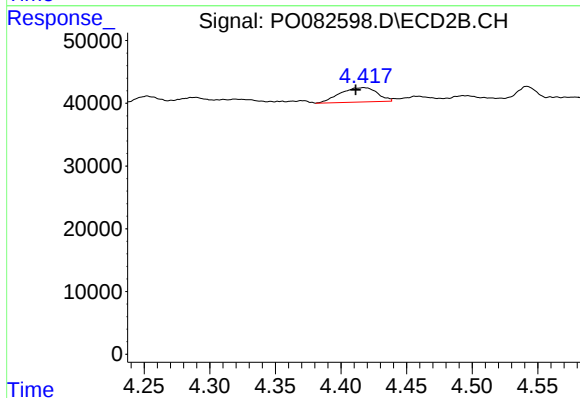
R.T.: 4.417 min
Delta R.T.: 0.006 min
Response: 45261
Conc: 48.91 ng/ml



#11 AR-1232-1

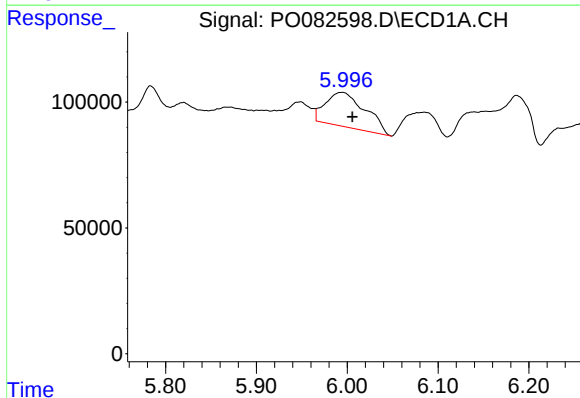
R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 73143
Conc: 42.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



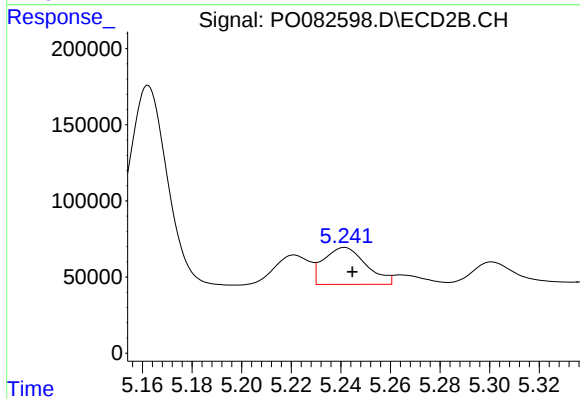
#11 AR-1232-1

R.T.: 4.417 min
Delta R.T.: 0.006 min
Response: 45261
Conc: 57.33 ng/ml



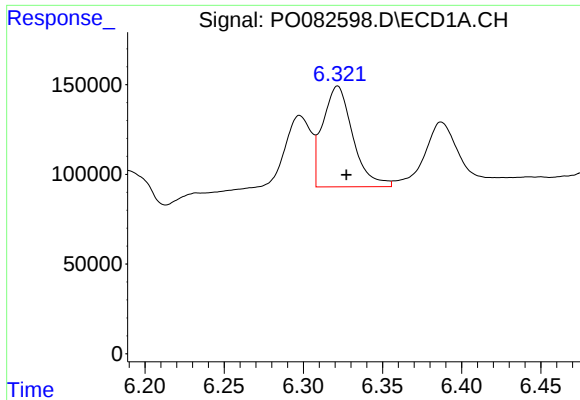
#12 AR-1232-2

R.T.: 5.995 min
Delta R.T.: -0.011 min
Response: 414394
Conc: 468.62 ng/ml



#12 AR-1232-2

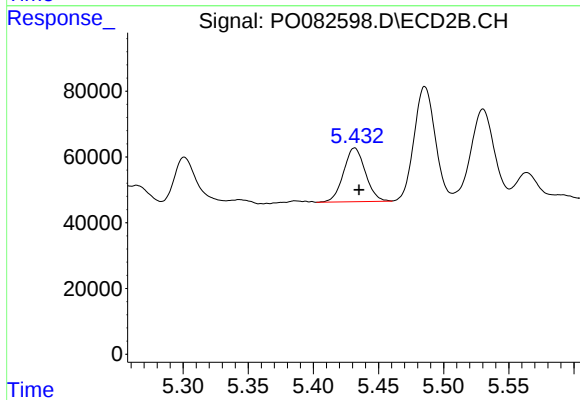
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 286954
Conc: 382.28 ng/ml



#13 AR-1232-3

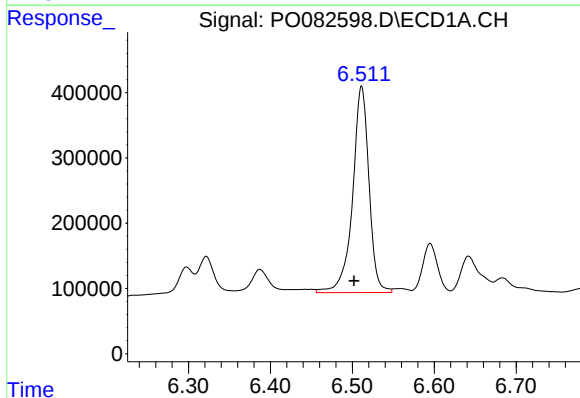
R.T.: 6.322 min
Delta R.T.: -0.006 min
Response: 741959
Conc: 469.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



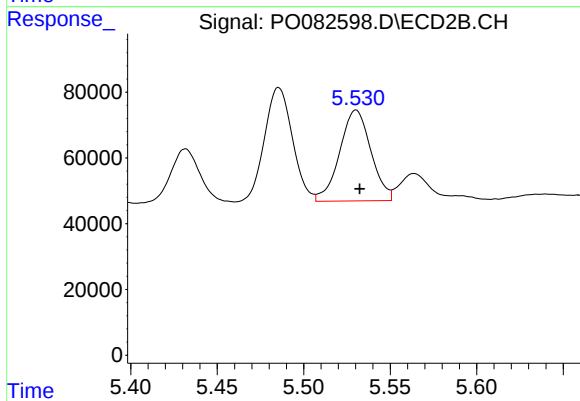
#13 AR-1232-3

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 190802
Conc: 481.15 ng/ml



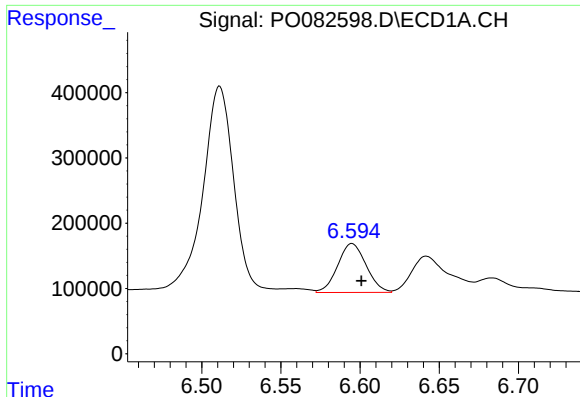
#14 AR-1232-4

R.T.: 6.511 min
Delta R.T.: 0.009 min
Response: 4410032
Conc: 5742.75 ng/ml



#14 AR-1232-4

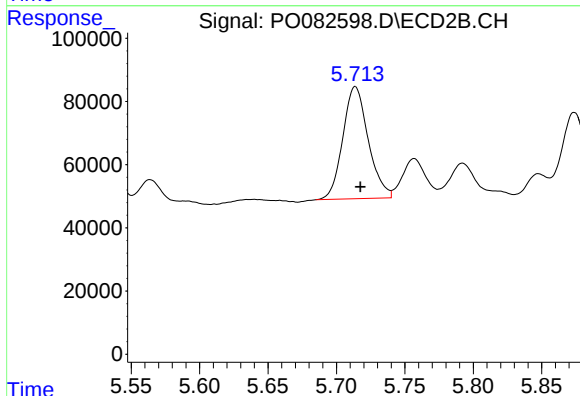
R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 346730
Conc: 1004.03 ng/ml



#15 AR-1232-5

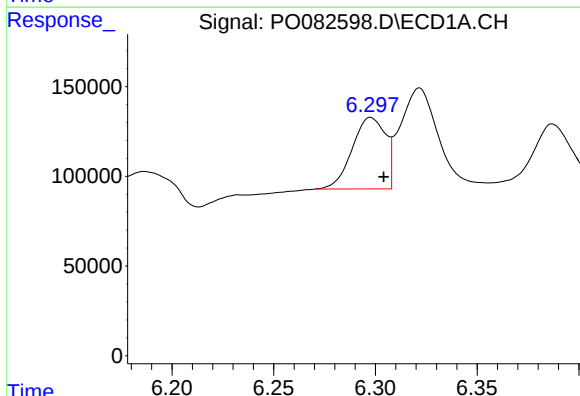
R.T.: 6.595 min
Delta R.T.: -0.006 min
Response: 937830
Conc: 1696.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



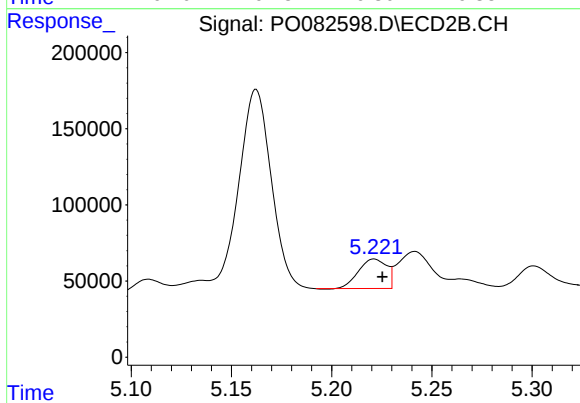
#15 AR-1232-5

R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 459430
Conc: 1225.45 ng/ml



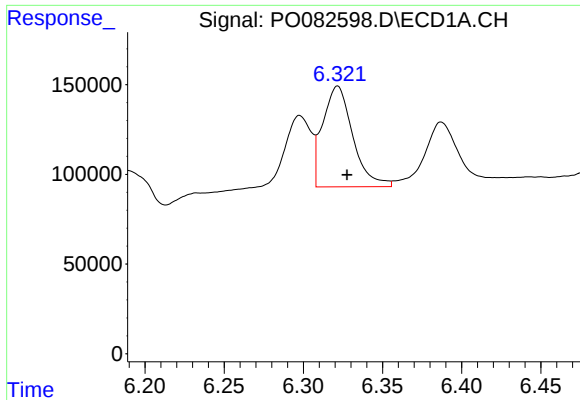
#16 AR-1242-1

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 453772
Conc: 218.31 ng/ml



#16 AR-1242-1

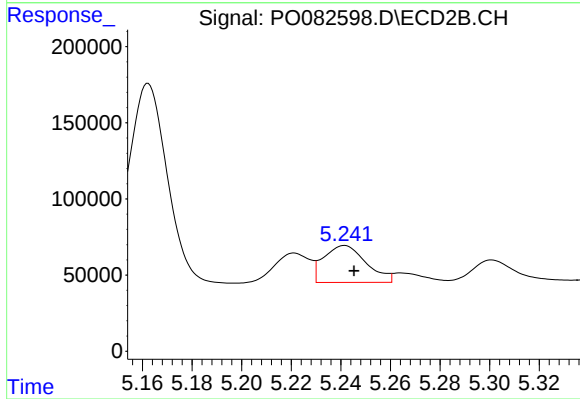
R.T.: 5.221 min
Delta R.T.: -0.004 min
Response: 189035
Conc: 193.71 ng/ml



#17 AR-1242-2

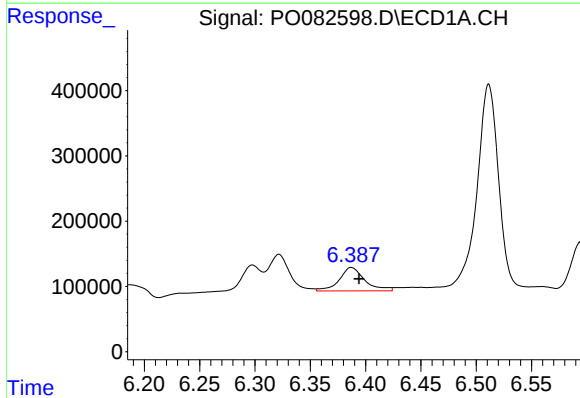
R.T.: 6.322 min
Delta R.T.: -0.006 min
Response: 741959
Conc: 254.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



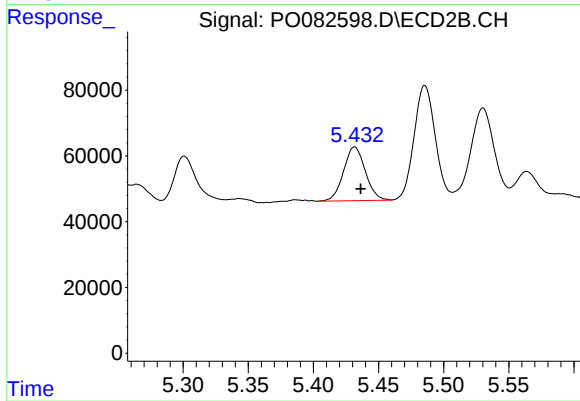
#17 AR-1242-2

R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 286954
Conc: 213.17 ng/ml



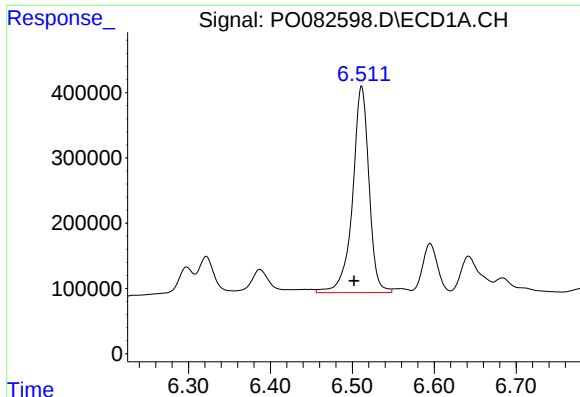
#18 AR-1242-3

R.T.: 6.387 min
Delta R.T.: -0.007 min
Response: 573131
Conc: 310.70 ng/ml



#18 AR-1242-3

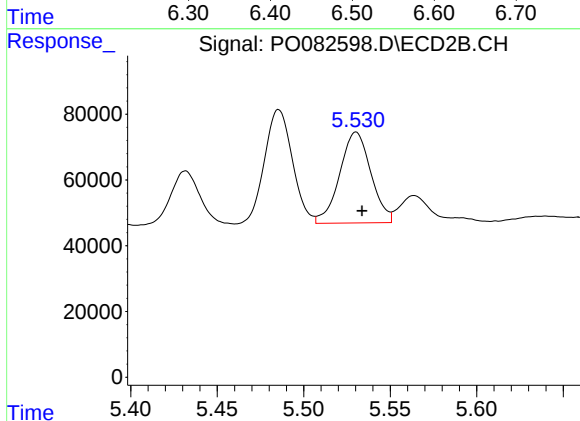
R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 190802
Conc: 261.75 ng/ml



#19 AR-1242-4

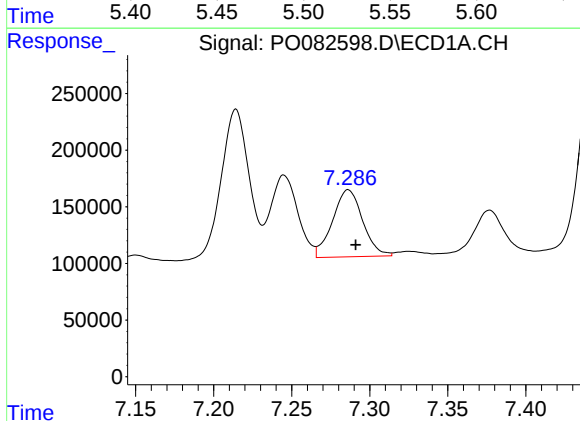
R.T.: 6.511 min
Delta R.T.: 0.009 min
Response: 4410032
Conc: 2950.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



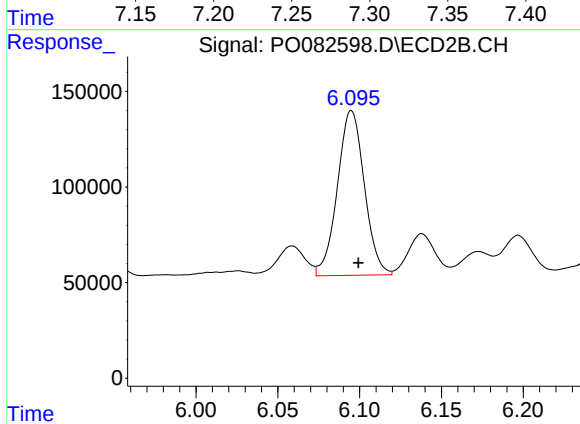
#19 AR-1242-4

R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 346730
Conc: 485.68 ng/ml



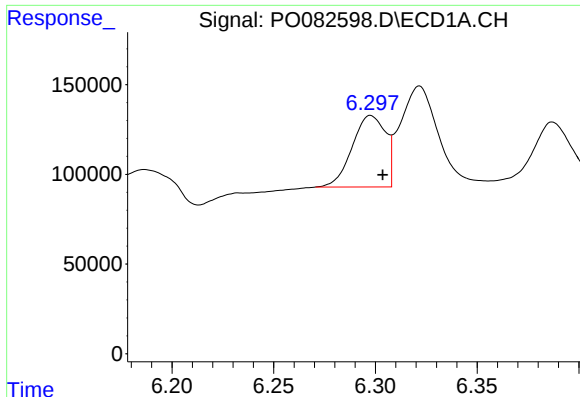
#20 AR-1242-5

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 794065
Conc: 530.80 ng/ml



#20 AR-1242-5

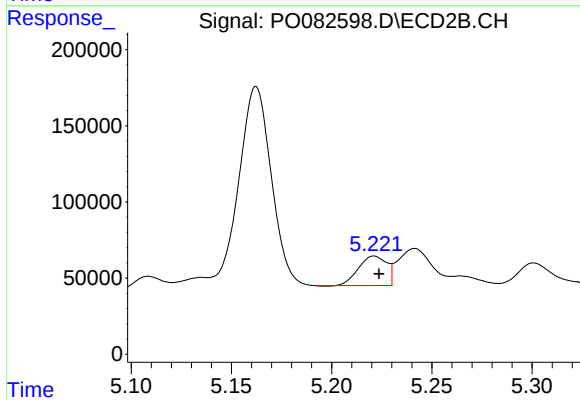
R.T.: 6.095 min
Delta R.T.: -0.004 min
Response: 988805
Conc: 1071.07 ng/ml



#21 AR-1248-1

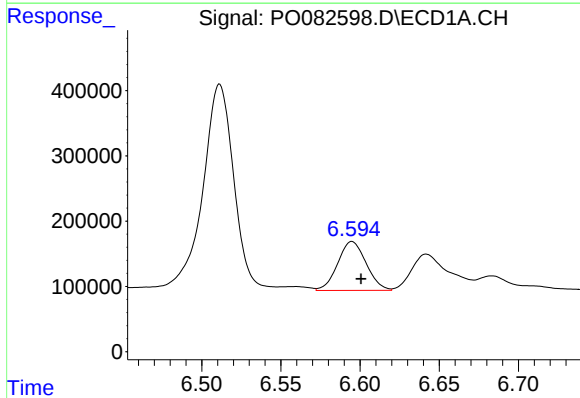
R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 453772
Conc: 297.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



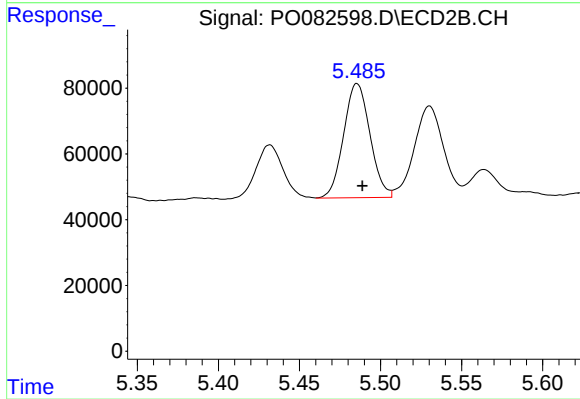
#21 AR-1248-1

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 189035
Conc: 256.33 ng/ml



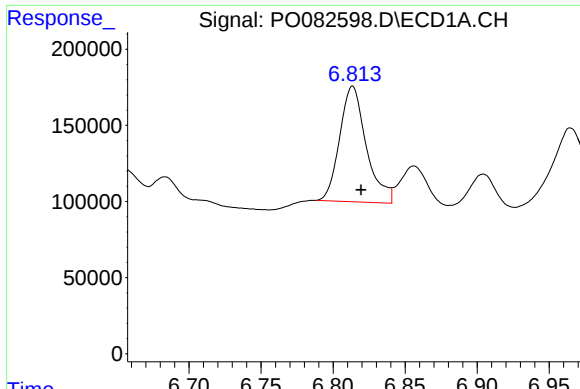
#22 AR-1248-2

R.T.: 6.595 min
Delta R.T.: -0.006 min
Response: 937830
Conc: 445.89 ng/ml



#22 AR-1248-2

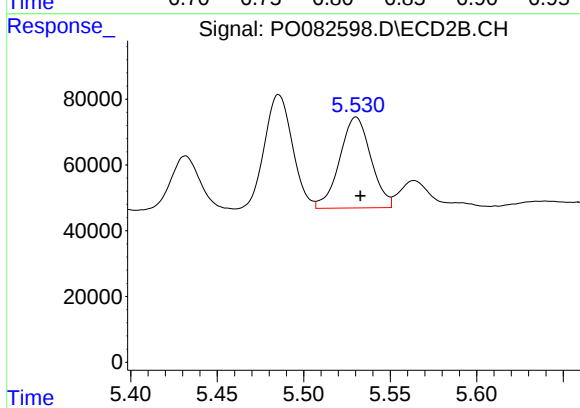
R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 392827
Conc: 385.77 ng/ml



#23 AR-1248-3

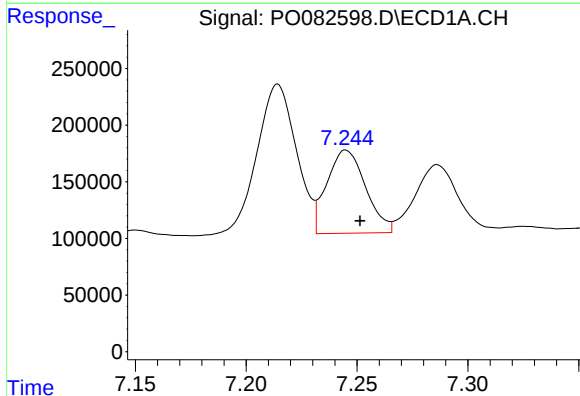
R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 976724
Conc: 402.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



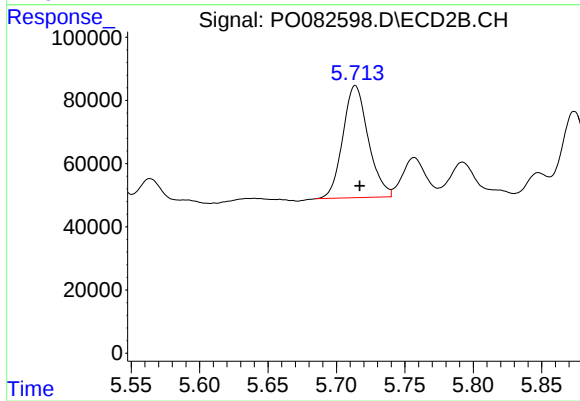
#23 AR-1248-3

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 346730
Conc: 333.21 ng/ml



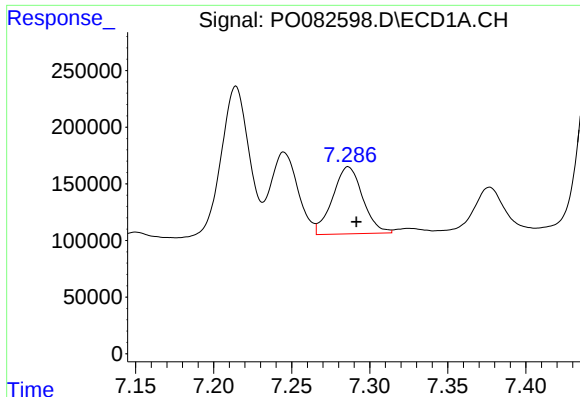
#24 AR-1248-4

R.T.: 7.245 min
Delta R.T.: -0.006 min
Response: 894581
Conc: 348.29 ng/ml



#24 AR-1248-4

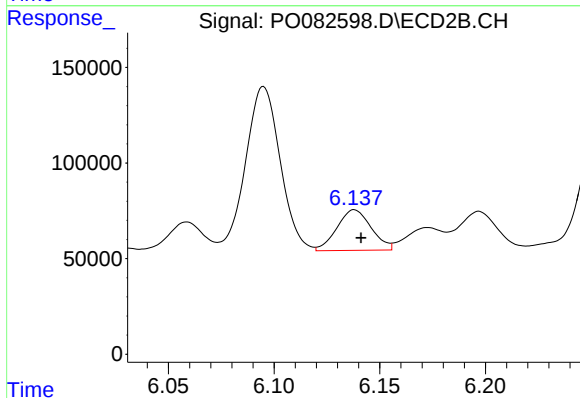
R.T.: 5.714 min
Delta R.T.: -0.003 min
Response: 459430
Conc: 374.78 ng/ml



#25 AR-1248-5

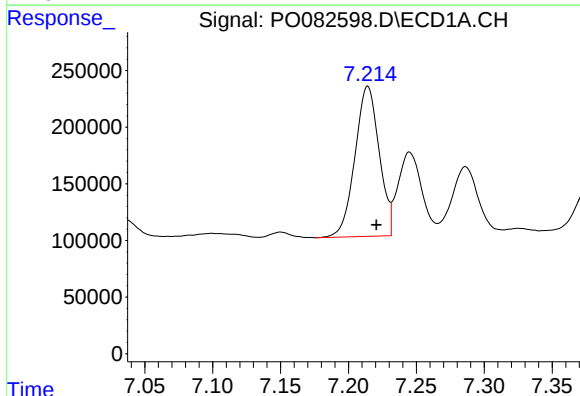
R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 794065
Conc: 314.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



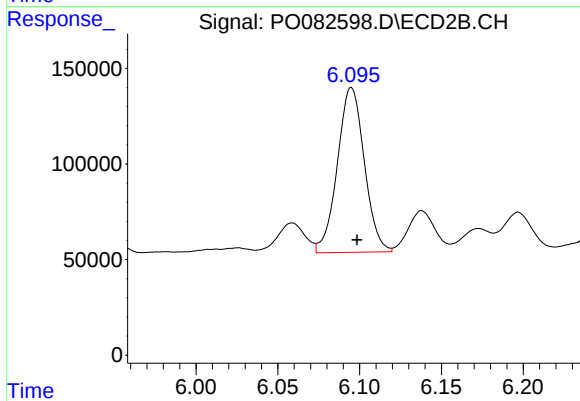
#25 AR-1248-5

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 240161
Conc: 194.36 ng/ml



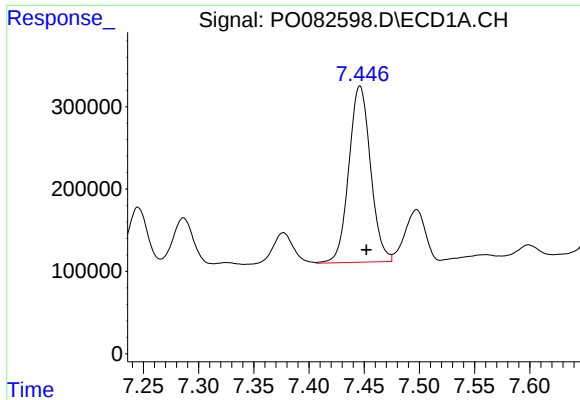
#26 AR-1254-1

R.T.: 7.214 min
Delta R.T.: -0.006 min
Response: 1646228
Conc: 604.25 ng/ml



#26 AR-1254-1

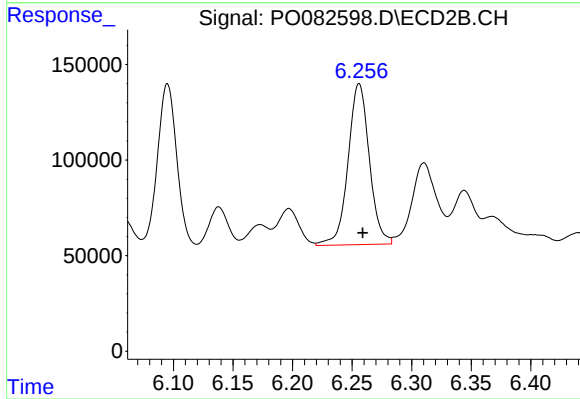
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 988805
Conc: 509.07 ng/ml



#27 AR-1254-2

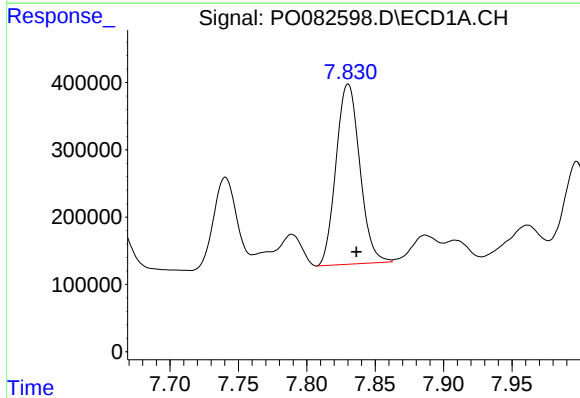
R.T.: 7.446 min
Delta R.T.: -0.006 min
Response: 2932827
Conc: 704.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



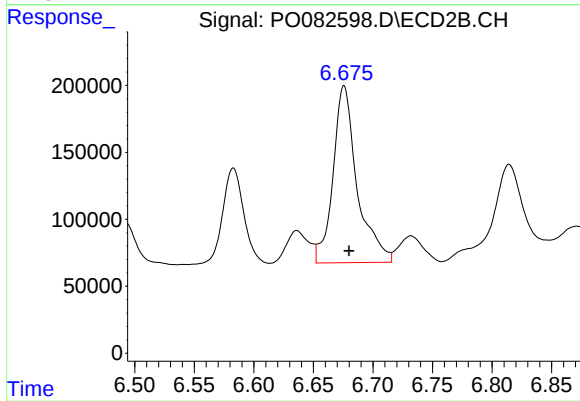
#27 AR-1254-2

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 1048437
Conc: 612.63 ng/ml



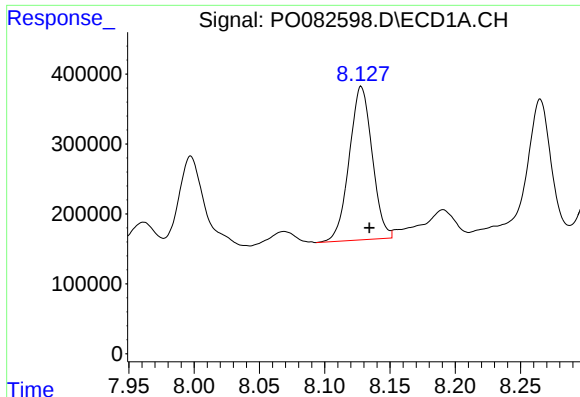
#28 AR-1254-3

R.T.: 7.830 min
Delta R.T.: -0.006 min
Response: 3242670
Conc: 758.17 ng/ml



#28 AR-1254-3

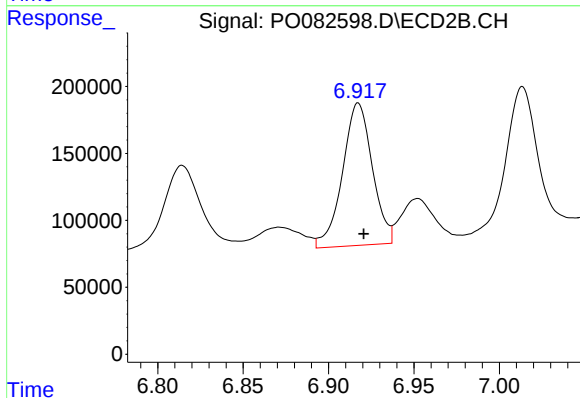
R.T.: 6.676 min
Delta R.T.: -0.004 min
Response: 1858214
Conc: 722.78 ng/ml



#29 AR-1254-4

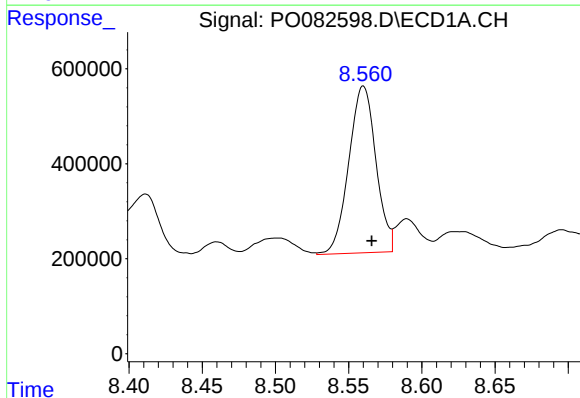
R.T.: 8.128 min
Delta R.T.: -0.006 min
Response: 2678212
Conc: 873.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



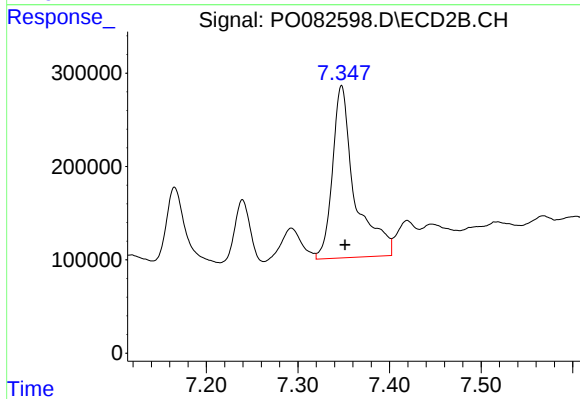
#29 AR-1254-4

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 1293967
Conc: 711.85 ng/ml



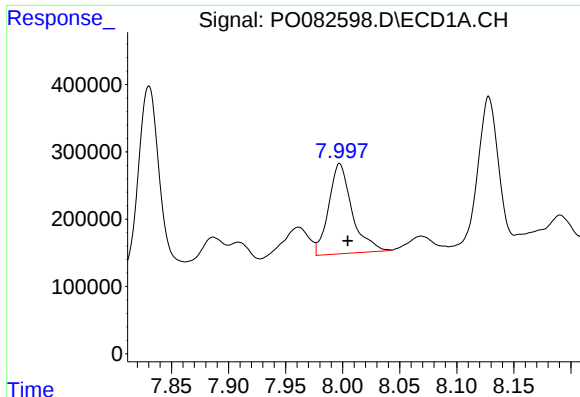
#30 AR-1254-5

R.T.: 8.560 min
Delta R.T.: -0.006 min
Response: 4529680
Conc: 1408.52 ng/ml



#30 AR-1254-5

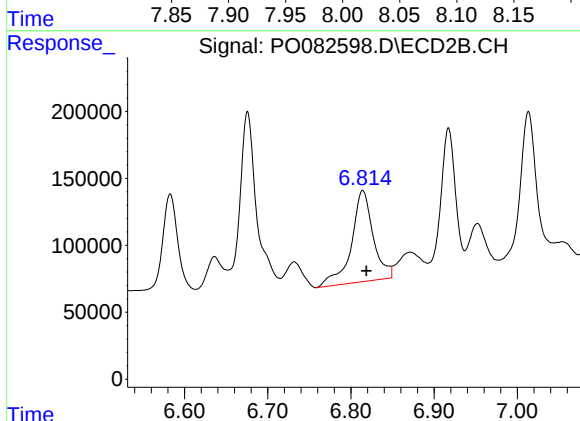
R.T.: 7.348 min
Delta R.T.: -0.004 min
Response: 3131870
Conc: 1347.43 ng/ml



#31 AR-1260-1

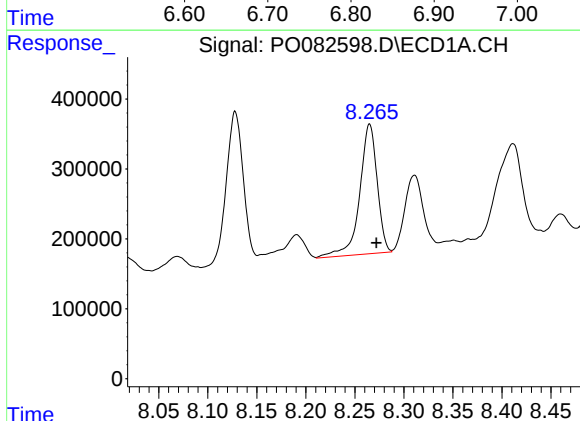
R.T.: 7.997 min
Delta R.T.: -0.007 min
Response: 1915646
Conc: 603.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



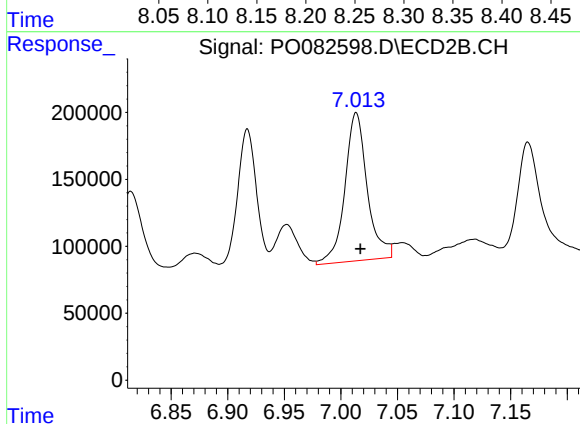
#31 AR-1260-1

R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 1243782
Conc: 685.65 ng/ml



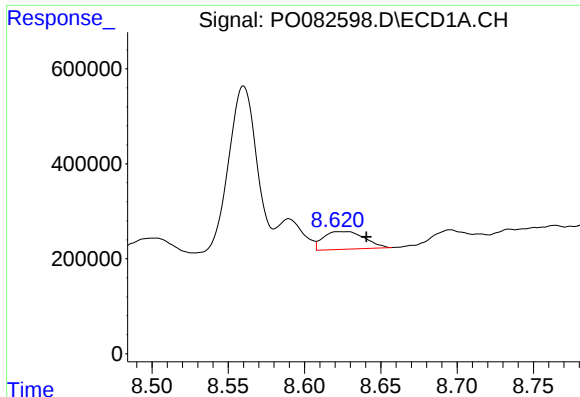
#32 AR-1260-2

R.T.: 8.265 min
Delta R.T.: -0.007 min
Response: 2304710
Conc: 613.13 ng/ml



#32 AR-1260-2

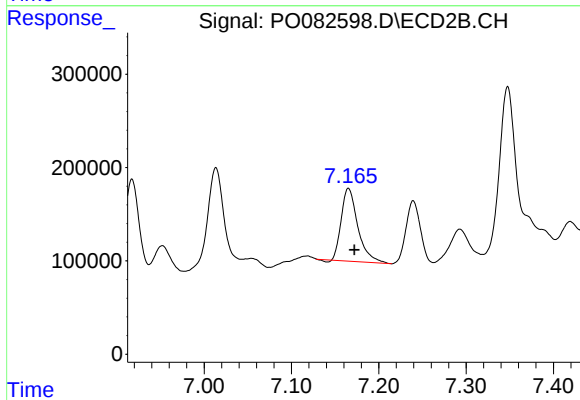
R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 1526838
Conc: 638.00 ng/ml



#33 AR-1260-3

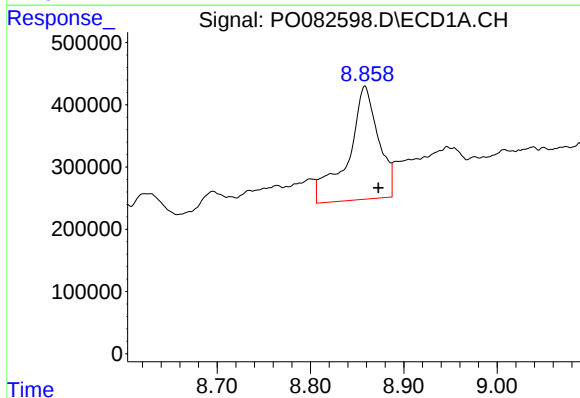
R.T.: 8.628 min
Delta R.T.: -0.012 min
Response: 699858
Conc: 247.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



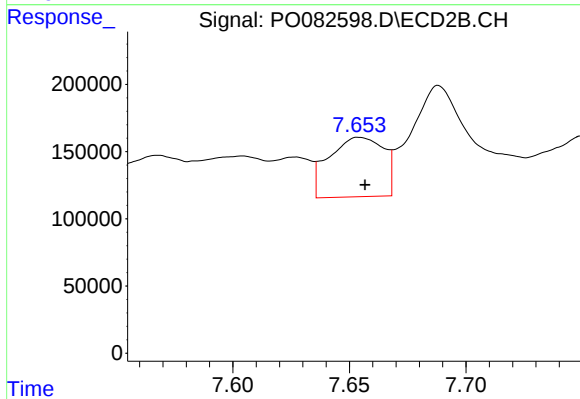
#33 AR-1260-3

R.T.: 7.165 min
Delta R.T.: -0.007 min
Response: 1027718
Conc: 483.27 ng/ml



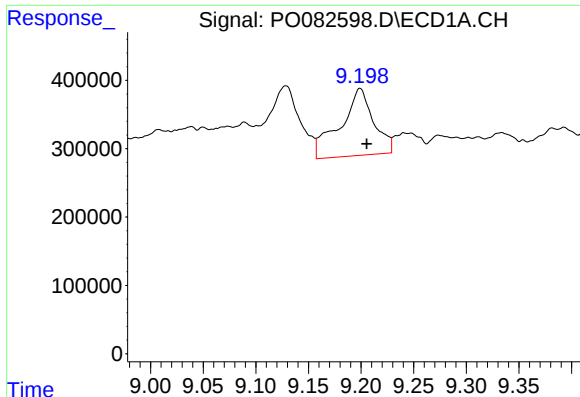
#34 AR-1260-4

R.T.: 8.858 min
Delta R.T.: -0.014 min
Response: 4089841
Conc: 1226.92 ng/ml



#34 AR-1260-4

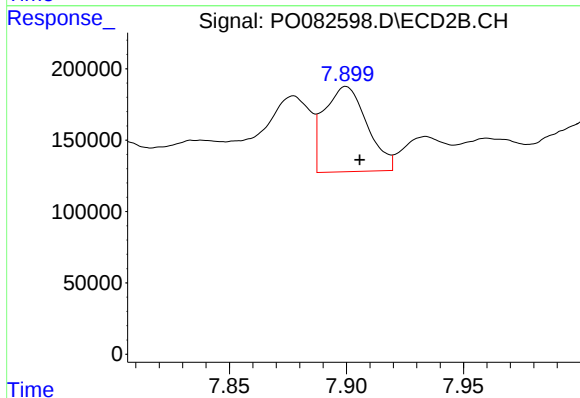
R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 722285
Conc: 433.04 ng/ml



#35 AR-1260-5

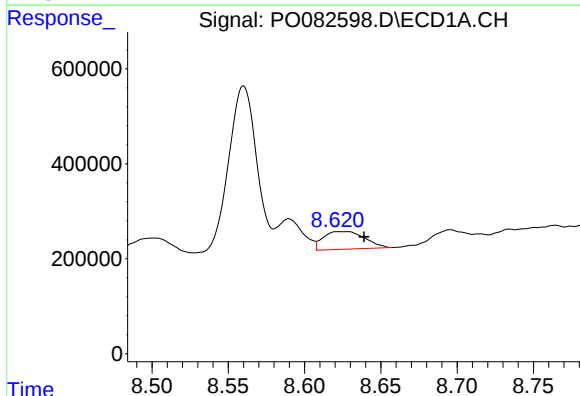
R.T.: 9.199 min
Delta R.T.: -0.006 min
Response: 2169306
Conc: 345.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



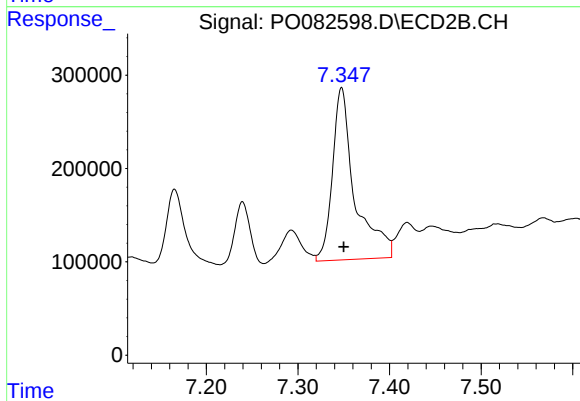
#35 AR-1260-5

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 763912
Conc: 183.46 ng/ml



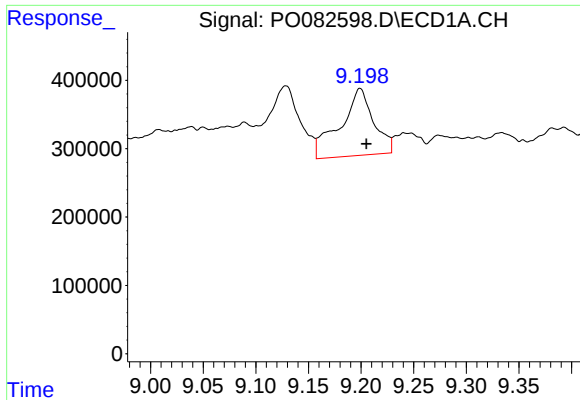
#36 AR-1262-1

R.T.: 8.628 min
Delta R.T.: -0.011 min
Response: 699858
Conc: 188.62 ng/ml



#36 AR-1262-1

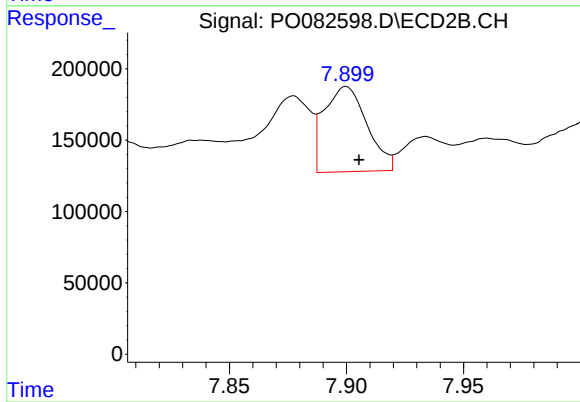
R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 3131870
Conc: 2620.52 ng/ml



#37 AR-1262-2

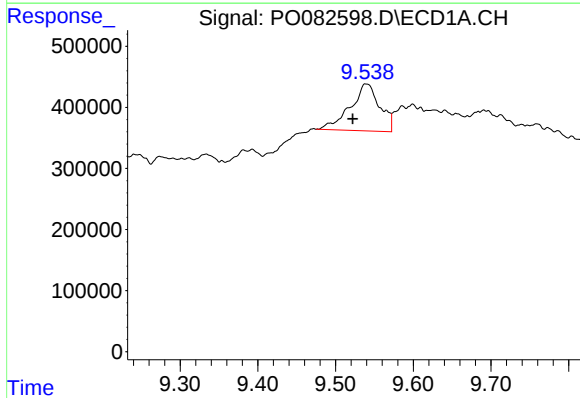
R.T.: 9.199 min
Delta R.T.: -0.006 min
Response: 2169306
Conc: 339.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



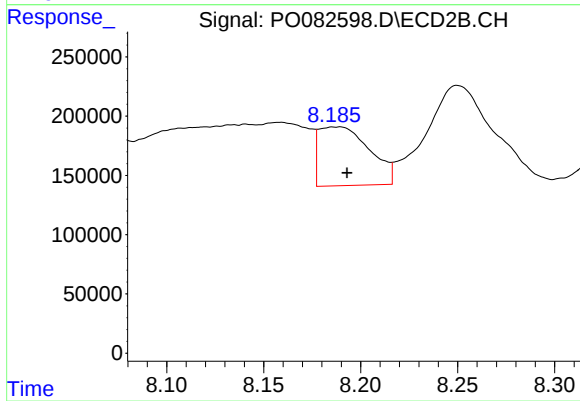
#37 AR-1262-2

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 763912
Conc: 187.19 ng/ml



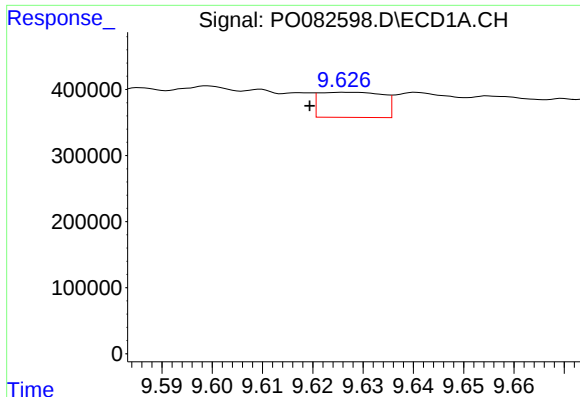
#38 AR-1262-3

R.T.: 9.539 min
Delta R.T.: 0.017 min
Response: 2032221
Conc: 708.69 ng/ml



#38 AR-1262-3

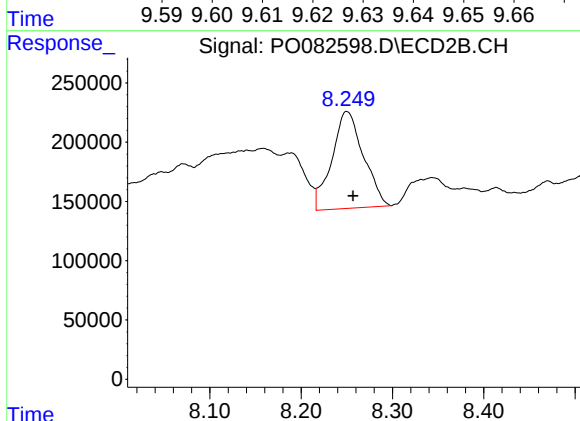
R.T.: 8.189 min
Delta R.T.: -0.004 min
Response: 901330
Conc: 552.72 ng/ml



#39 AR-1262-4

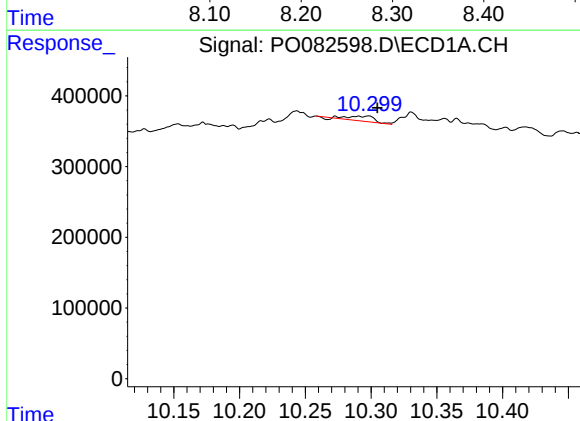
R.T.: 9.627 min
Delta R.T.: 0.008 min
Response: 333958
Conc: 197.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



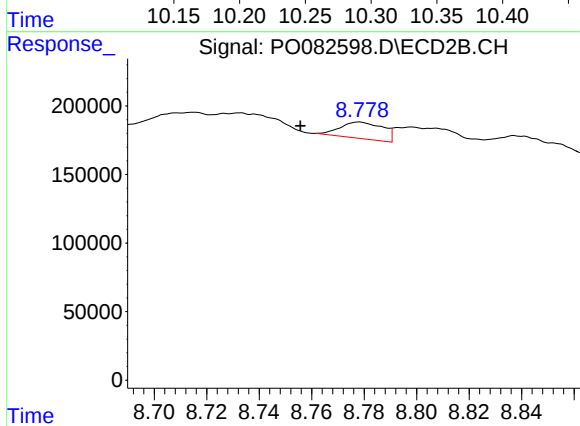
#39 AR-1262-4

R.T.: 8.250 min
Delta R.T.: -0.007 min
Response: 1963520
Conc: 674.29 ng/ml



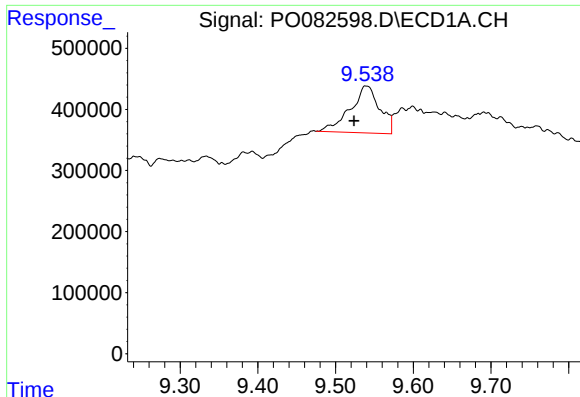
#40 AR-1262-5

R.T.: 10.298 min
Delta R.T.: -0.007 min
Response: 92941
Conc: 38.27 ng/ml



#40 AR-1262-5

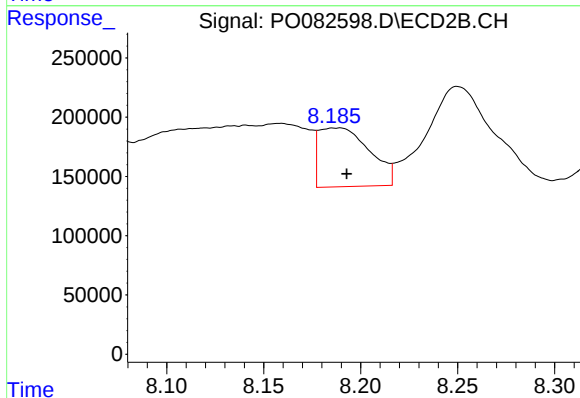
R.T.: 8.778 min
Delta R.T.: 0.022 min
Response: 137105
Conc: 100.07 ng/ml



#41 AR-1268-1

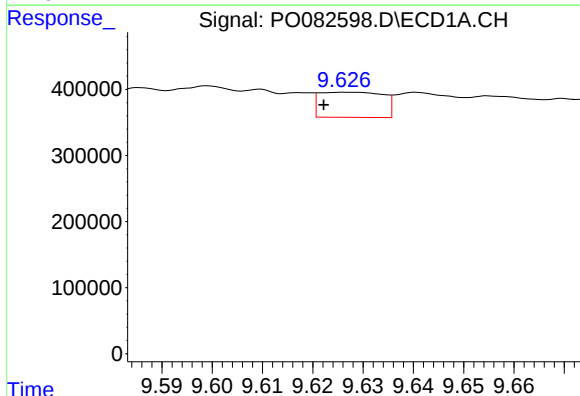
R.T.: 9.539 min
Delta R.T.: 0.015 min
Response: 2032221
Conc: 248.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



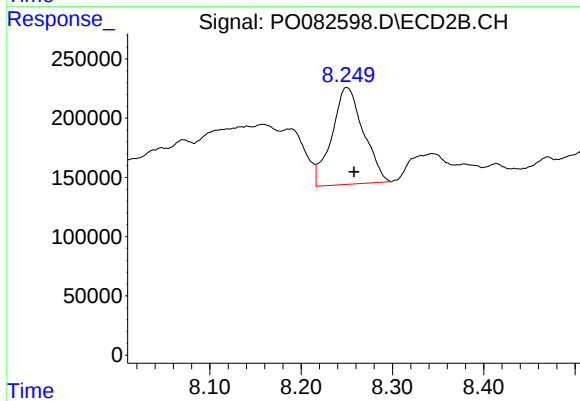
#41 AR-1268-1

R.T.: 8.189 min
Delta R.T.: -0.004 min
Response: 901330
Conc: 172.34 ng/ml



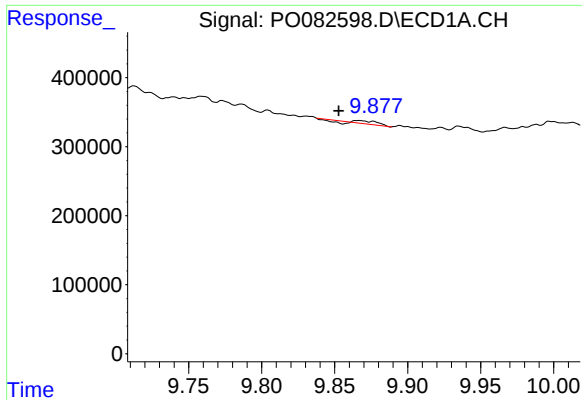
#42 AR-1268-2

R.T.: 9.627 min
Delta R.T.: 0.005 min
Response: 333958
Conc: 44.17 ng/ml



#42 AR-1268-2

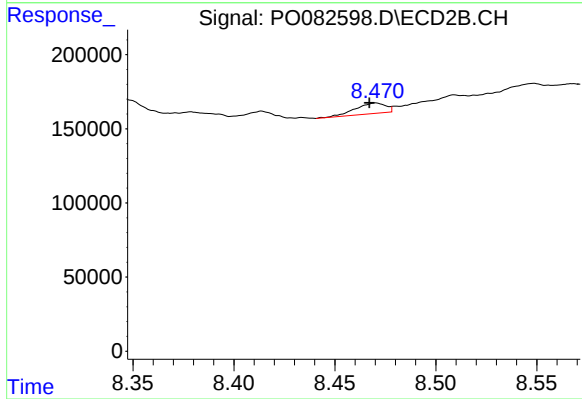
R.T.: 8.250 min
Delta R.T.: -0.008 min
Response: 1963520
Conc: 432.71 ng/ml



#43 AR-1268-3

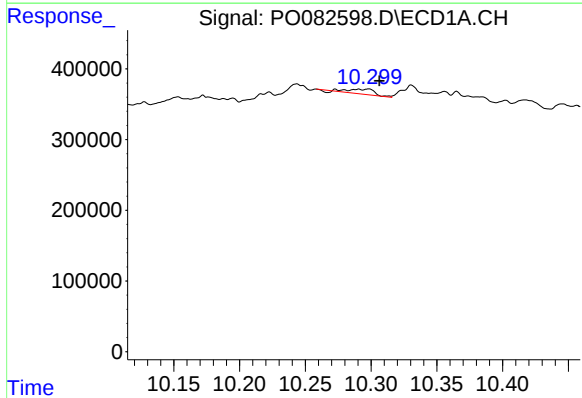
R.T.: 9.866 min
Delta R.T.: 0.013 min
Response: 31513
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



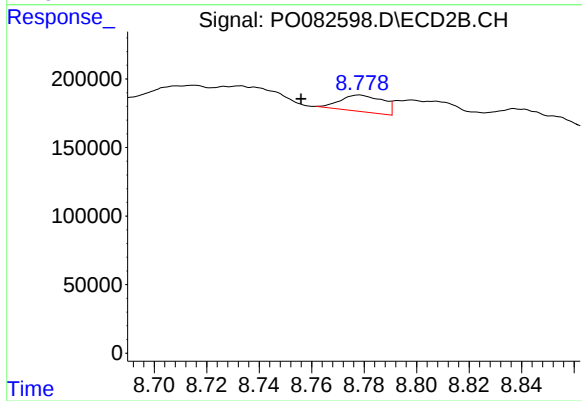
#43 AR-1268-3

R.T.: 8.470 min
Delta R.T.: 0.003 min
Response: 74233
Conc: 19.10 ng/ml



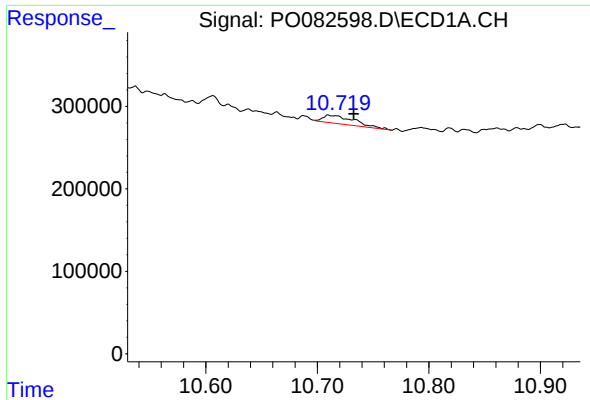
#44 AR-1268-4

R.T.: 10.298 min
Delta R.T.: -0.008 min
Response: 92941
Conc: 33.04 ng/ml



#44 AR-1268-4

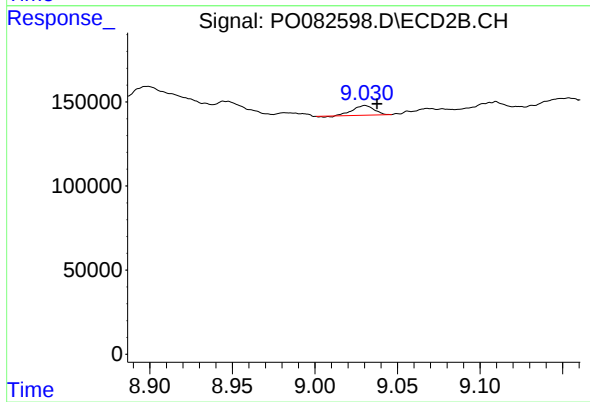
R.T.: 8.778 min
Delta R.T.: 0.022 min
Response: 137105
Conc: 86.30 ng/ml



#45 AR-1268-5

R.T.: 10.710 min
Delta R.T.: -0.022 min
Response: 197014
Conc: 8.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.030 min
Delta R.T.: -0.007 min
Response: 51597
Conc: 4.72 ng/ml