

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080720\
 Data File : P0070378.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Aug 2020 11:14
 Operator : DD\AJ
 Sample : L3551-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 04:36:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 06 13:04:06 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...	4.373	3.558	1297497	785198	19.622	17.821
2)	SA Decachlor...	10.004	8.752	1632424	1053589	19.065	18.981
Target Compounds							
3)	L1 AR-1016-1	5.678	4.787	583276	373958	202.007	185.718
4)	L1 AR-1016-2	5.700	4.805	842151	521923	203.644	183.671
5)	L1 AR-1016-3	5.763	4.990	514869	285672	208.376	187.101
6)	L1 AR-1016-4	5.869	5.048	428781	233022	204.663	179.123
7)	L1 AR-1016-5	6.178	5.269	423923	343045	203.055	212.444
8)	L2 AR-1221-1	4.627	3.809	41957	27303	50.042	45.005
9)	L2 AR-1221-2	4.724	3.906	73277	44474	116.477	100.515
10)	L2 AR-1221-3	4.810	3.992	267661	171461	134.230	124.939
11)	L3 AR-1232-1	4.810	3.992	267661	171461	177.879	158.062
12)	L3 AR-1232-2	5.384	4.805	399699	521923	485.854	420.393
13)	L3 AR-1232-3	5.700	4.990	842151	285672	472.282	428.177
14)	L3 AR-1232-4	5.869	5.090	428781	250531	469.966	455.305
15)	L3 AR-1232-5	5.967	5.269	331078	343045	541.411	521.699
16)	L4 AR-1242-1	5.678	4.787	583276	373958	247.619	228.449
17)	L4 AR-1242-2	5.700	4.805	842151	521923	249.614	226.461
18)	L4 AR-1242-3	5.763	4.990	514869	285672	251.553	229.568
19)	L4 AR-1242-4	5.869	5.090	428781	250531	247.427	220.868
20)	L4 AR-1242-5	6.640	5.643	427551	230680	207.568	138.295 #
21)	L5 AR-1248-1	5.678	4.787	583276	373958	328.123	314.168
22)	L5 AR-1248-2	5.967	5.048	331078	233022	145.982	136.718
23)	L5 AR-1248-3	6.178	5.090	423923	250531	154.759	159.698
24)	L5 AR-1248-4	6.580f	5.269	1326869	343045	389.975	168.730 #
25)	L5 AR-1248-5	6.640	5.666f	427551	371068	134.416	180.033 #
26)	L6 AR-1254-1	6.580	5.643	1326869	230680	372.876	65.871 #
27)	L6 AR-1254-2	6.797	5.805	758092	239245	136.153	76.821 #
28)	L6 AR-1254-3	7.173	6.216	347890	163589	60.409	33.184 #
29)	L6 AR-1254-4	7.465	6.455	112205	63908	21.510	17.757
30)	L6 AR-1254-5	7.890	6.877	1327495	952083	251.280	206.998
31)	L7 AR-1260-1	7.336	6.351	978708	654026	235.319	202.544
32)	L7 AR-1260-2	7.603	6.551	1204959	848135	200.677	197.109
33)	L7 AR-1260-3	7.961	6.700	840073	693745	163.223	189.477
34)	L7 AR-1260-4	8.188	7.176	907323	562590	186.590	180.466
35)	L7 AR-1260-5	8.502	7.427	2025545	1413301	181.727	174.920
36)	L8 AR-1262-1	7.961	6.877	840073	952083	109.680	376.624 #
37)	L8 AR-1262-2	8.502	7.427	2025545	1413301	160.781	154.284
38)	L8 AR-1262-3	8.772	7.708	339841	714045	59.358	195.127 #
39)	L8 AR-1262-4	8.834f	7.769	626426	1083336	198.223	171.797
40)	L8 AR-1262-5	9.407	8.267	425759	291388	103.035	101.528
41)	L9 AR-1268-1	8.772	7.708	339841	714045	21.440	63.574 #

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 ALS Vial : 9 Sample Multiplier: 1

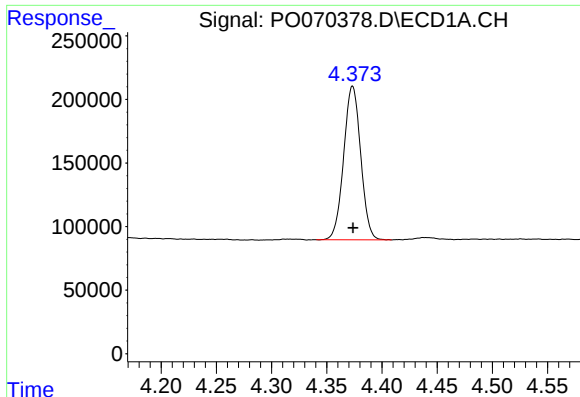
Instrument :
 ECD_O
 ClientSampleId :

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	8.834f	7.769	626426	1083336	46.050	112.304 #
43) L9	AR-1268-3	9.034	7.973	35058	28763	3.012	3.577
44) L9	AR-1268-4	9.407	8.267	425759	291388	88.245	88.629
45) L9	AR-1268-5	9.740	8.536	138607	110090	4.412	5.029

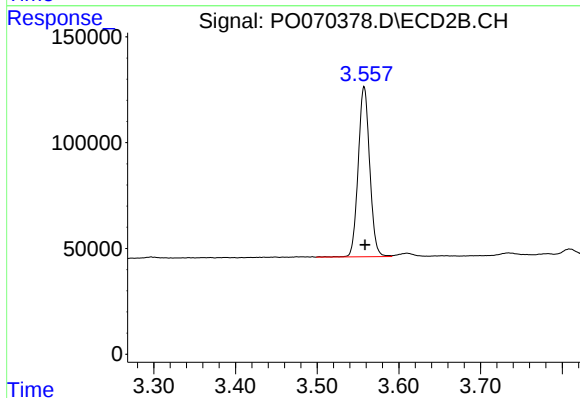
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

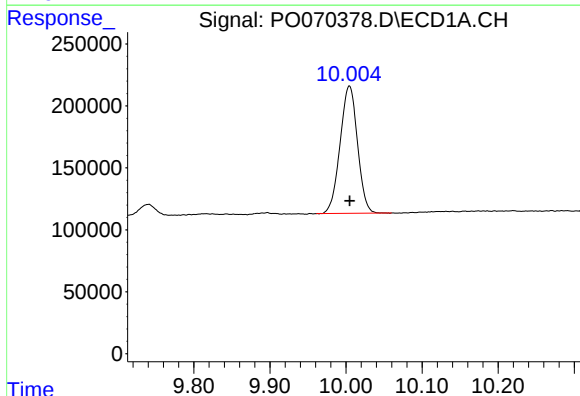
R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 1297497
Conc: 19.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



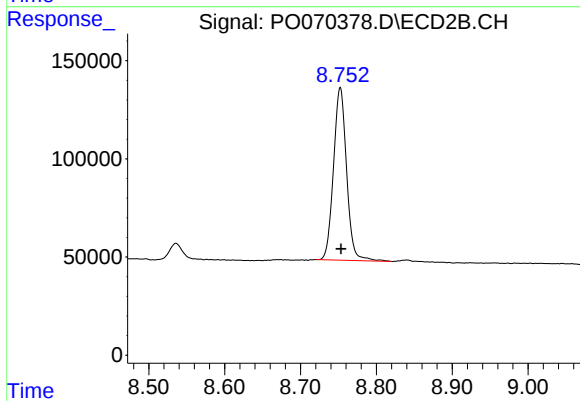
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: -0.001 min
Response: 785198
Conc: 17.82 ng/ml



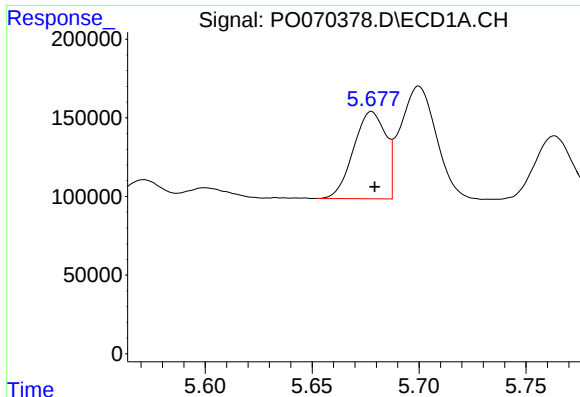
#2 Decachlorobiphenyl

R.T.: 10.004 min
Delta R.T.: 0.000 min
Response: 1632424
Conc: 19.06 ng/ml



#2 Decachlorobiphenyl

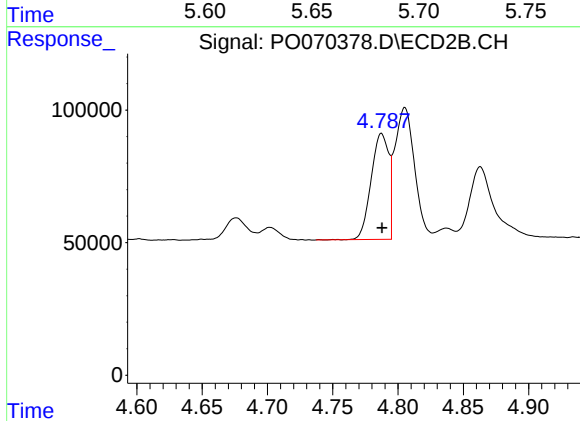
R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 1053589
Conc: 18.98 ng/ml



#3 AR-1016-1

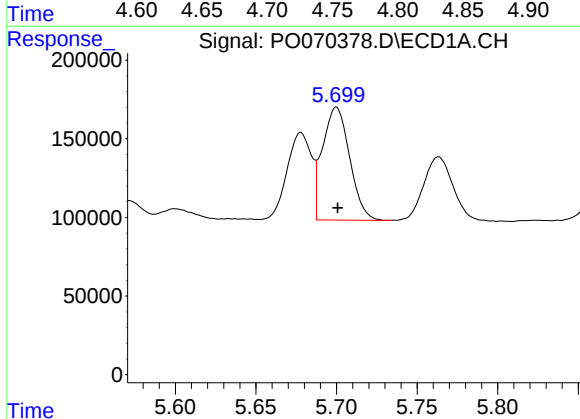
R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 583276
Conc: 202.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



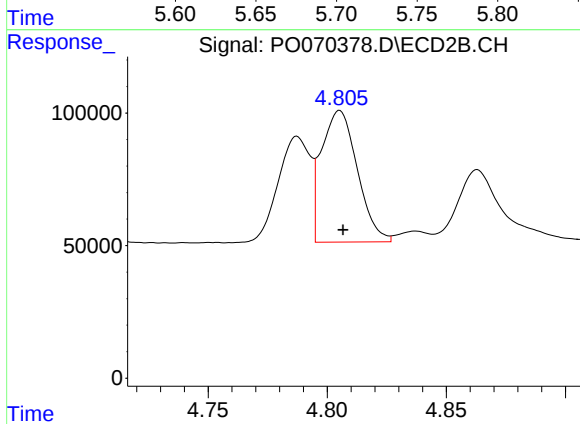
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 373958
Conc: 185.72 ng/ml



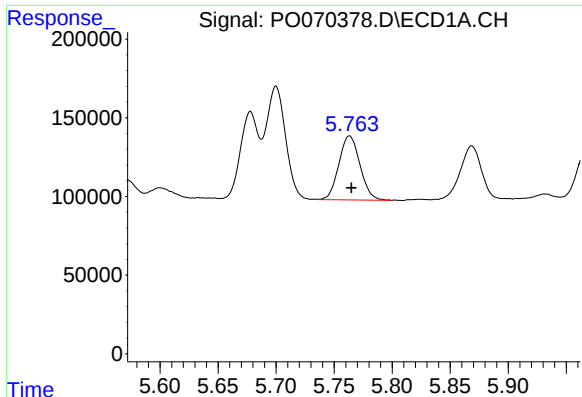
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 842151
Conc: 203.64 ng/ml



#4 AR-1016-2

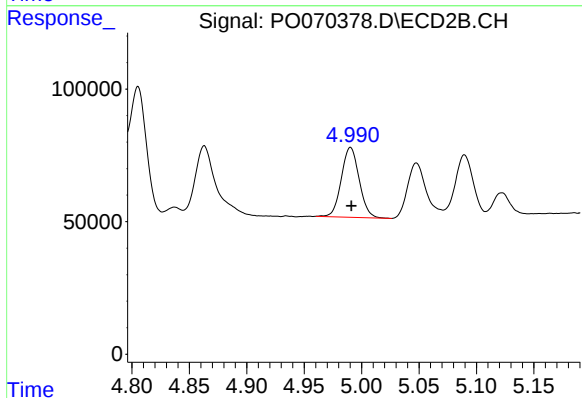
R.T.: 4.805 min
Delta R.T.: -0.001 min
Response: 521923
Conc: 183.67 ng/ml



#5 AR-1016-3

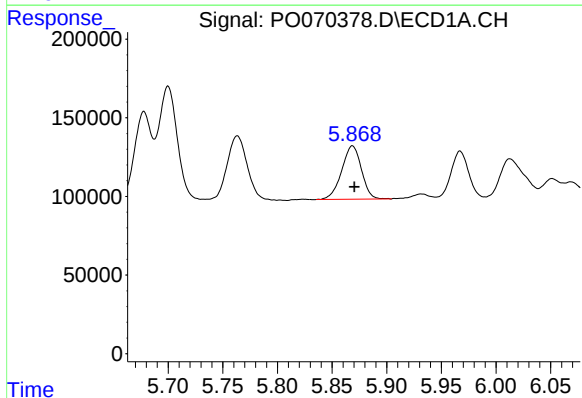
R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 514869
Conc: 208.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



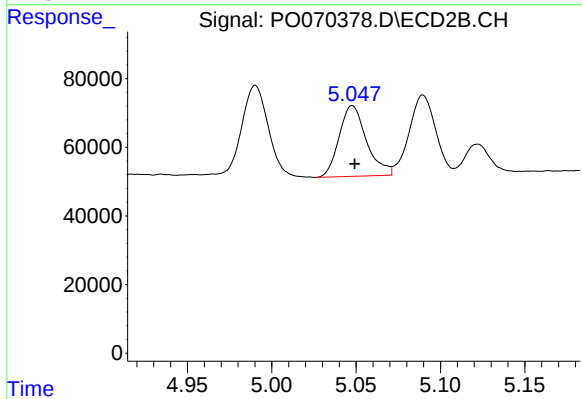
#5 AR-1016-3

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 285672
Conc: 187.10 ng/ml



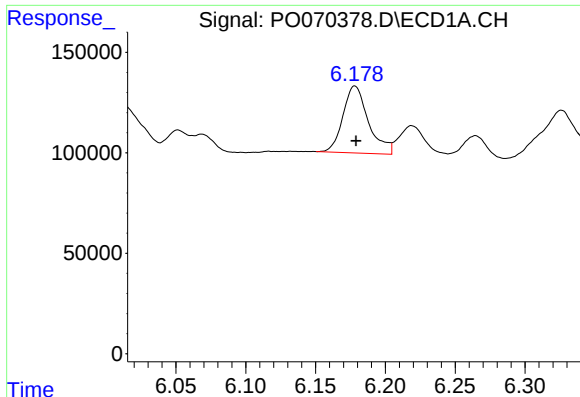
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 428781
Conc: 204.66 ng/ml



#6 AR-1016-4

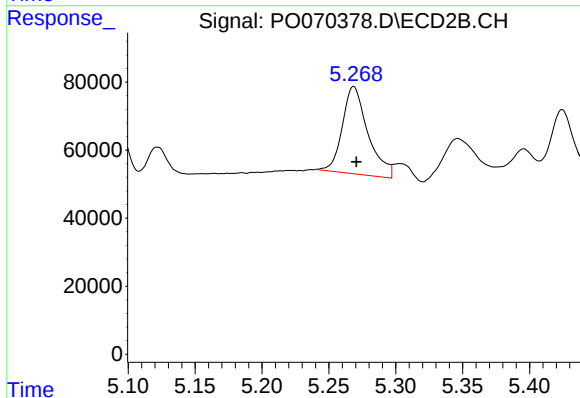
R.T.: 5.048 min
Delta R.T.: -0.001 min
Response: 233022
Conc: 179.12 ng/ml



#7 AR-1016-5

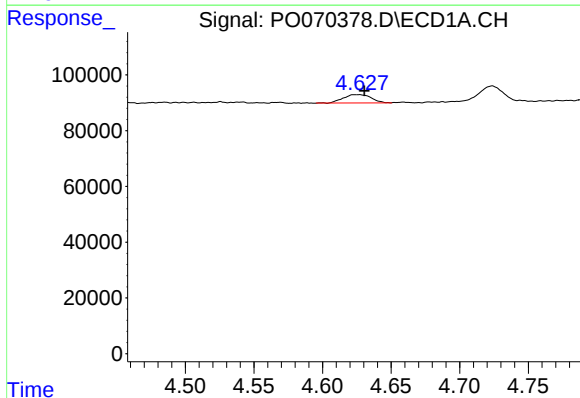
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 423923
Conc: 203.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



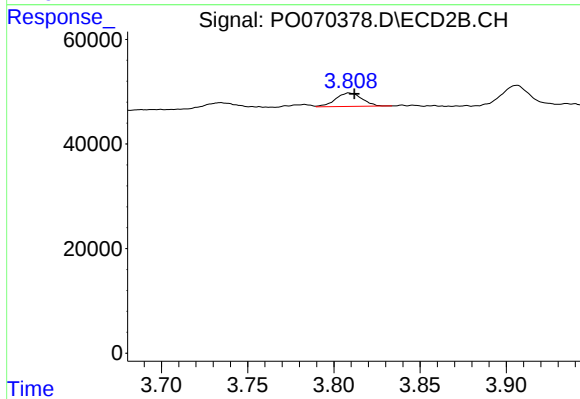
#7 AR-1016-5

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 343045
Conc: 212.44 ng/ml



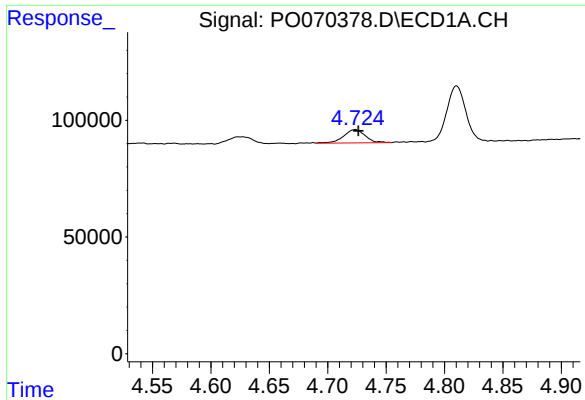
#8 AR-1221-1

R.T.: 4.627 min
Delta R.T.: -0.003 min
Response: 41957
Conc: 50.04 ng/ml



#8 AR-1221-1

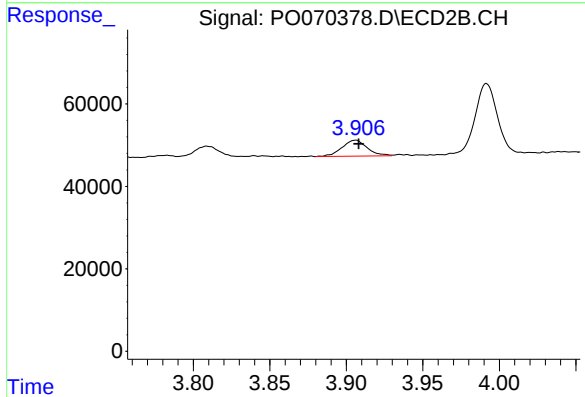
R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 27303
Conc: 45.01 ng/ml



#9 AR-1221-2

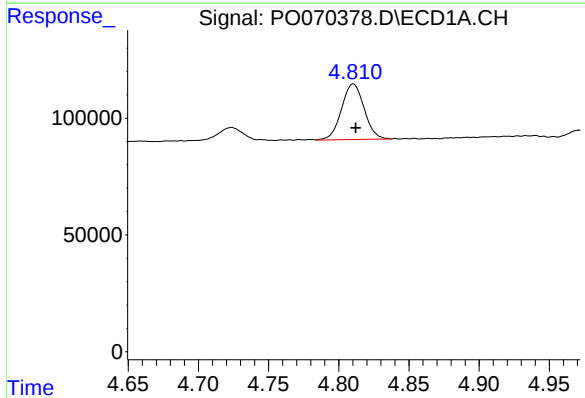
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 73277
Conc: 116.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



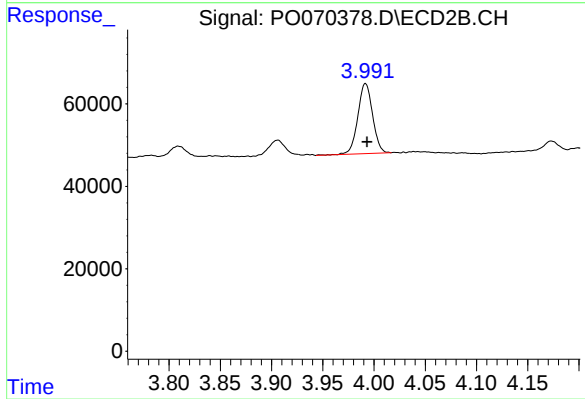
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 44474
Conc: 100.52 ng/ml



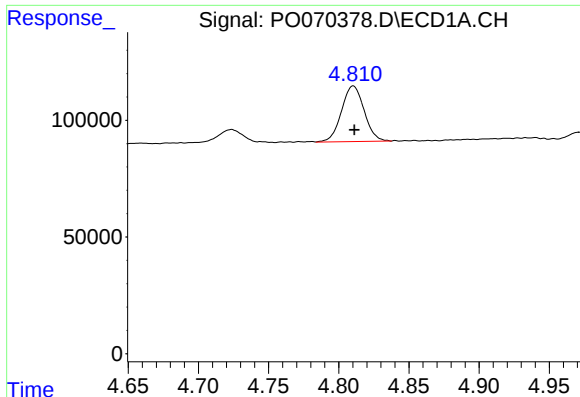
#10 AR-1221-3

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 267661
Conc: 134.23 ng/ml



#10 AR-1221-3

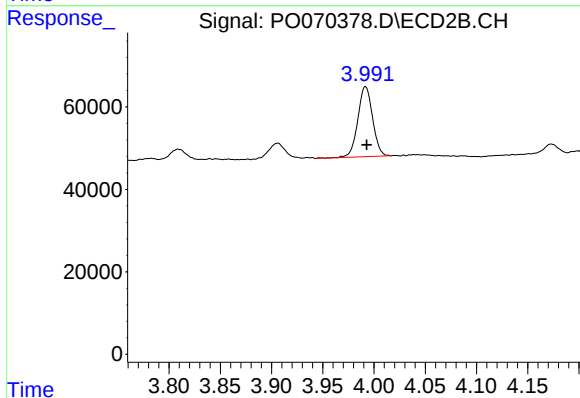
R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 171461
Conc: 124.94 ng/ml



#11 AR-1232-1

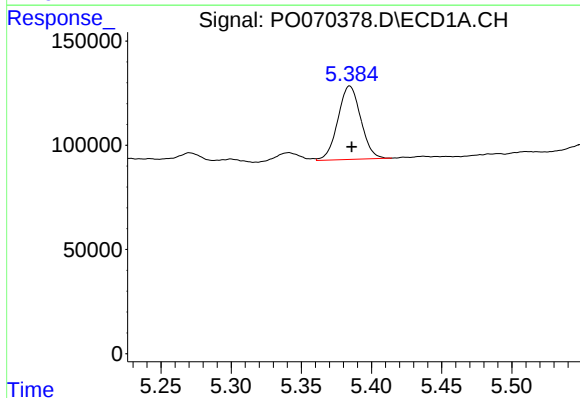
R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 267661
Conc: 177.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



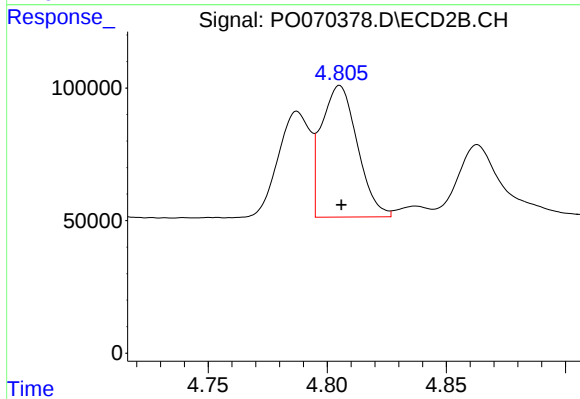
#11 AR-1232-1

R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 171461
Conc: 158.06 ng/ml



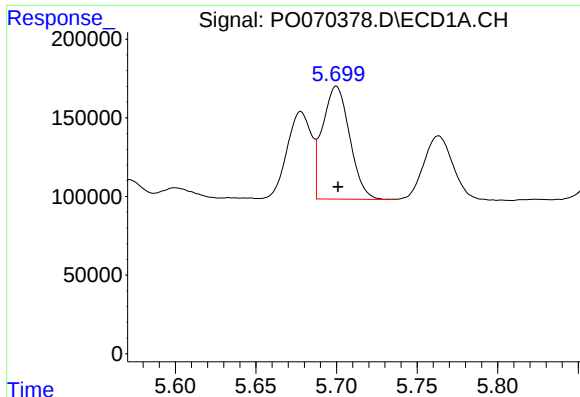
#12 AR-1232-2

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 399699
Conc: 485.85 ng/ml



#12 AR-1232-2

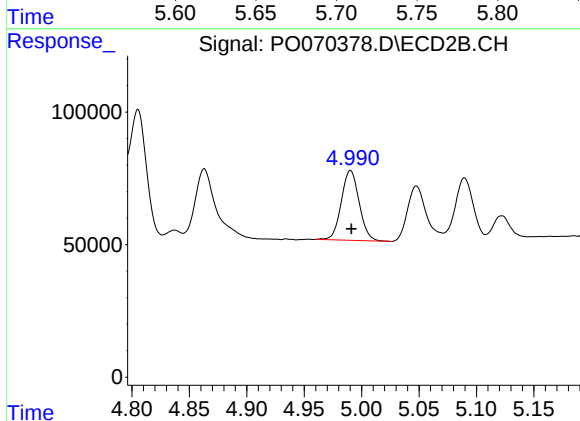
R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 521923
Conc: 420.39 ng/ml



#13 AR-1232-3

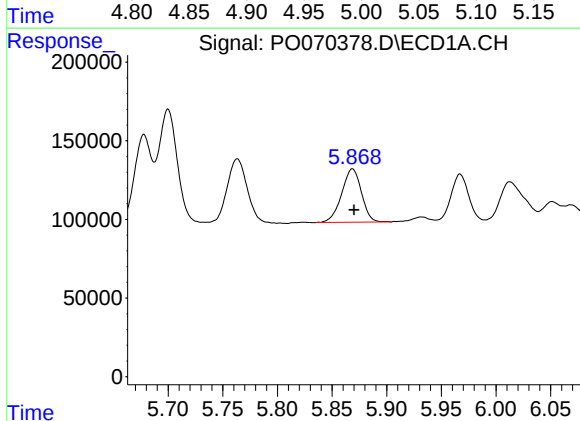
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 842151
Conc: 472.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



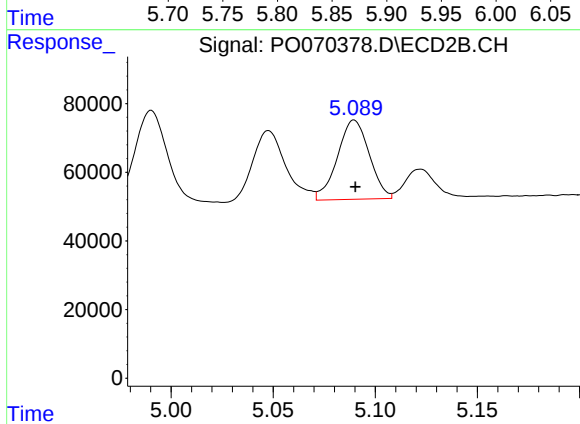
#13 AR-1232-3

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 285672
Conc: 428.18 ng/ml



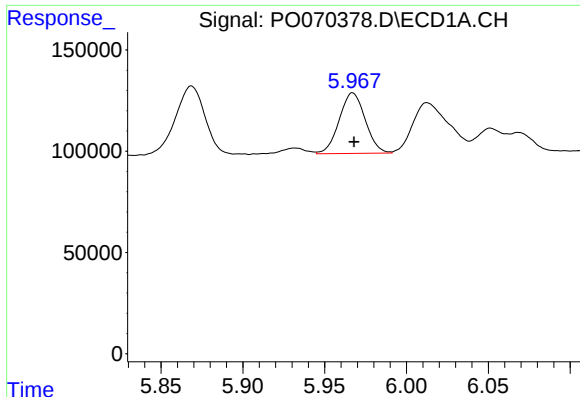
#14 AR-1232-4

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 428781
Conc: 469.97 ng/ml



#14 AR-1232-4

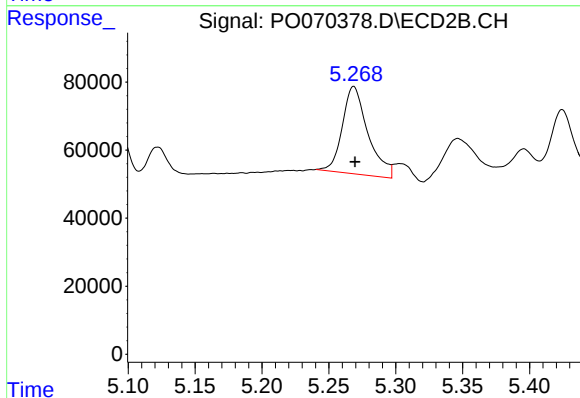
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 250531
Conc: 455.30 ng/ml



#15 AR-1232-5

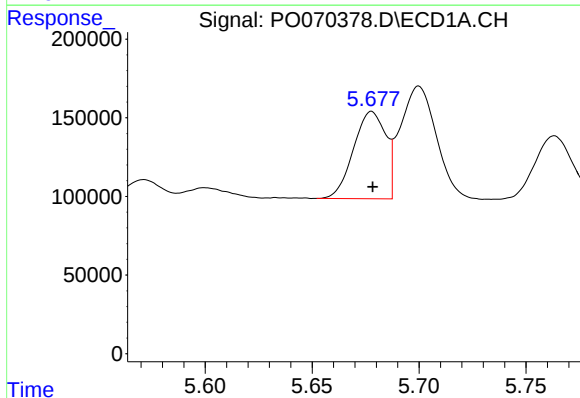
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 331078
Conc: 541.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



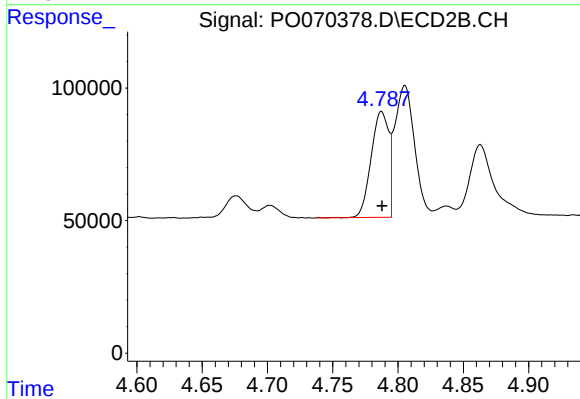
#15 AR-1232-5

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 343045
Conc: 521.70 ng/ml



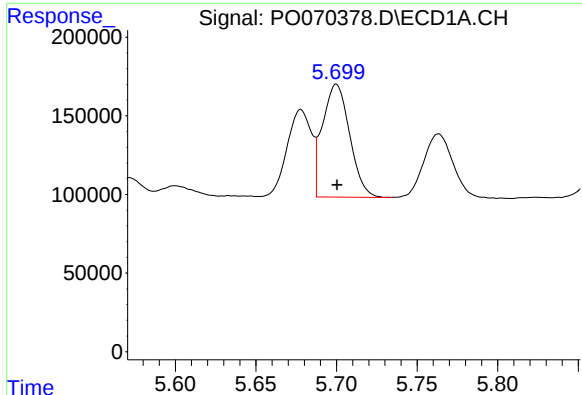
#16 AR-1242-1

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 583276
Conc: 247.62 ng/ml



#16 AR-1242-1

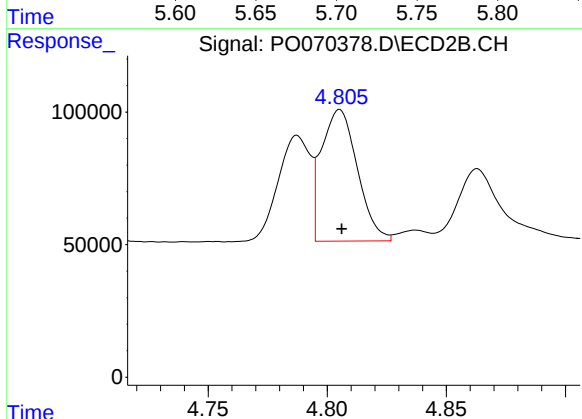
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 373958
Conc: 228.45 ng/ml



#17 AR-1242-2

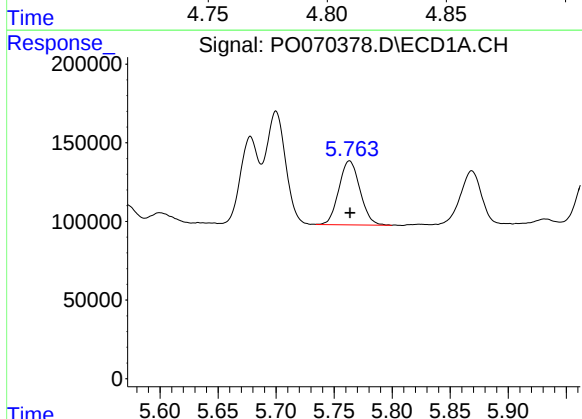
R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 842151
Conc: 249.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



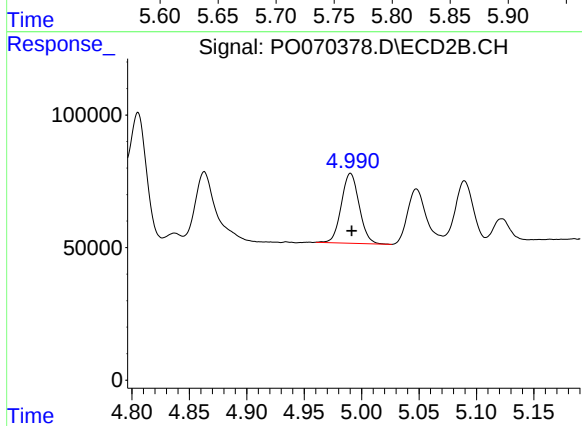
#17 AR-1242-2

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 521923
Conc: 226.46 ng/ml



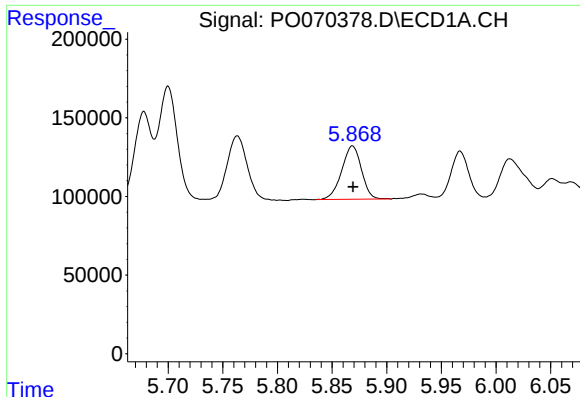
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 514869
Conc: 251.55 ng/ml



#18 AR-1242-3

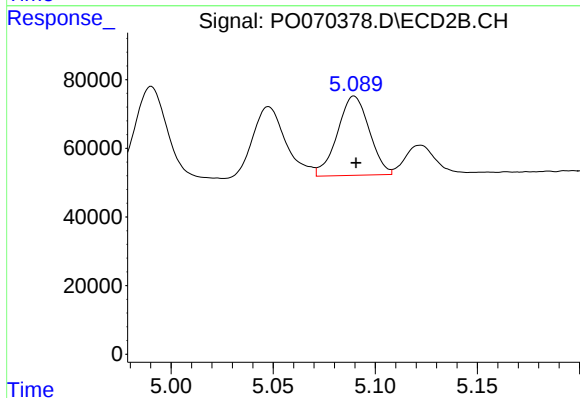
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 285672
Conc: 229.57 ng/ml



#19 AR-1242-4

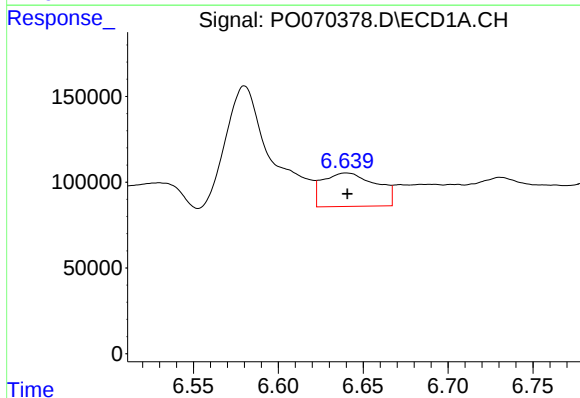
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 428781
Conc: 247.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



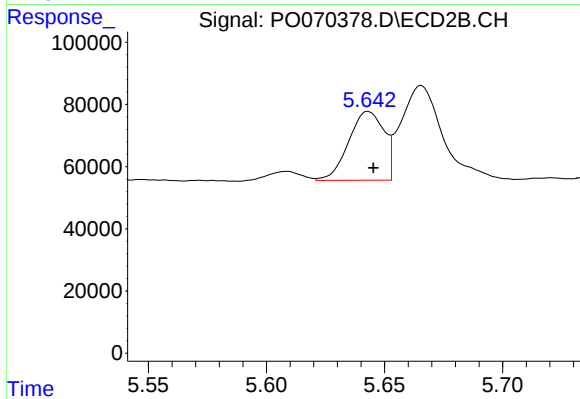
#19 AR-1242-4

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 250531
Conc: 220.87 ng/ml



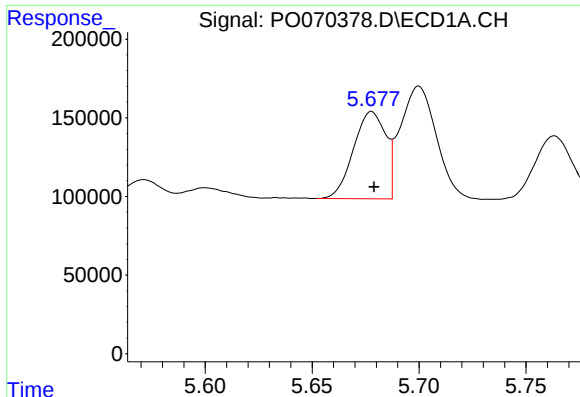
#20 AR-1242-5

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 427551
Conc: 207.57 ng/ml



#20 AR-1242-5

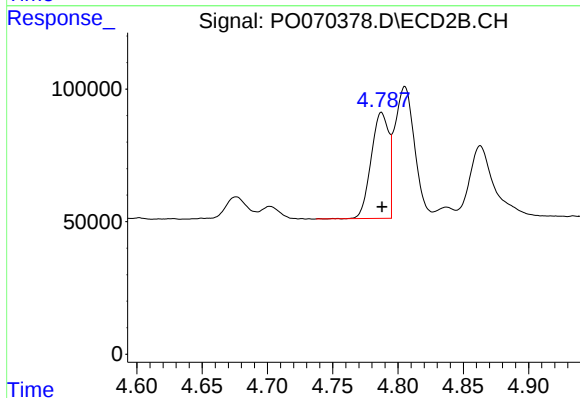
R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 230680
Conc: 138.29 ng/ml



#21 AR-1248-1

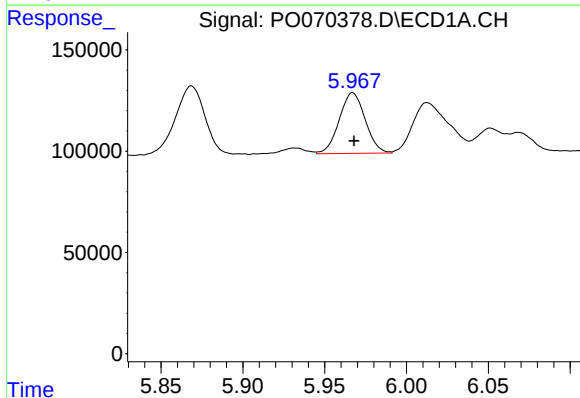
R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 583276
Conc: 328.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



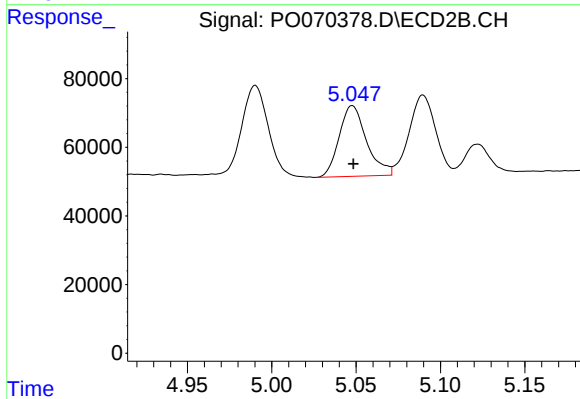
#21 AR-1248-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 373958
Conc: 314.17 ng/ml



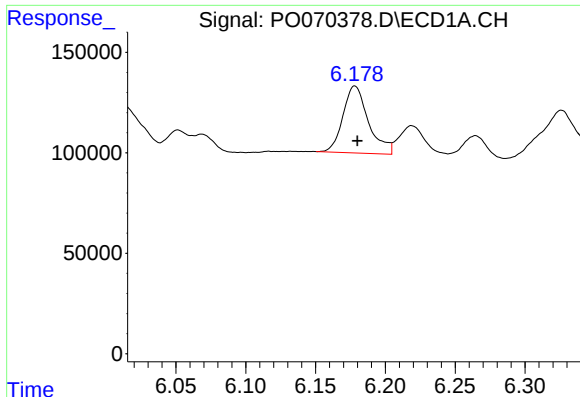
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 331078
Conc: 145.98 ng/ml



#22 AR-1248-2

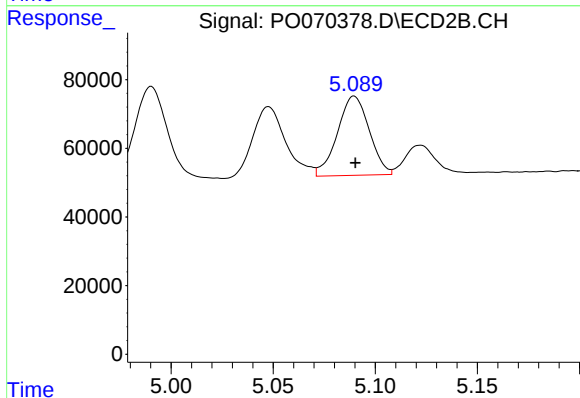
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 233022
Conc: 136.72 ng/ml



#23 AR-1248-3

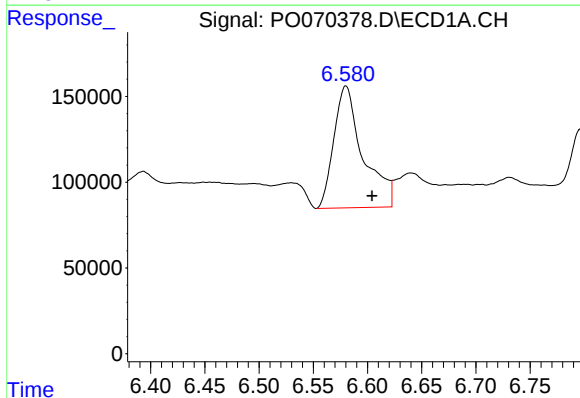
R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 423923
Conc: 154.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



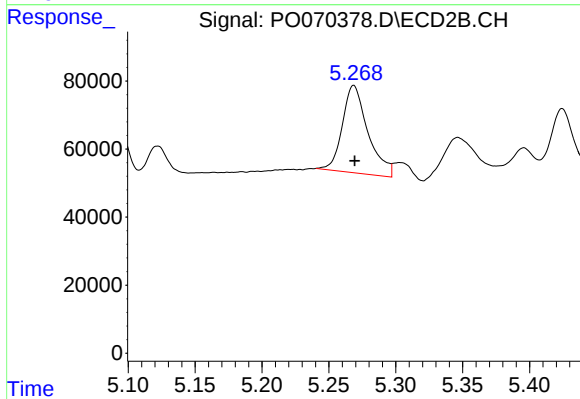
#23 AR-1248-3

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 250531
Conc: 159.70 ng/ml



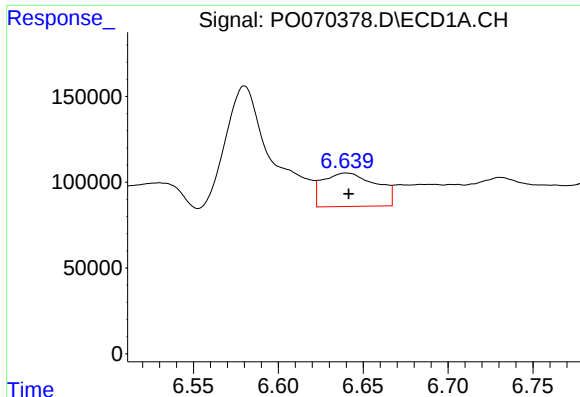
#24 AR-1248-4

R.T.: 6.580 min
Delta R.T.: -0.024 min
Response: 1326869
Conc: 389.98 ng/ml



#24 AR-1248-4

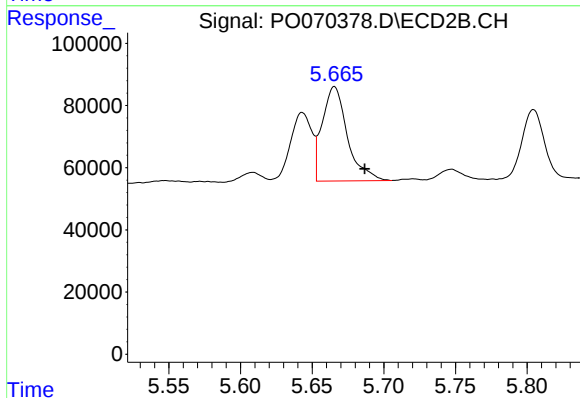
R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 343045
Conc: 168.73 ng/ml



#25 AR-1248-5

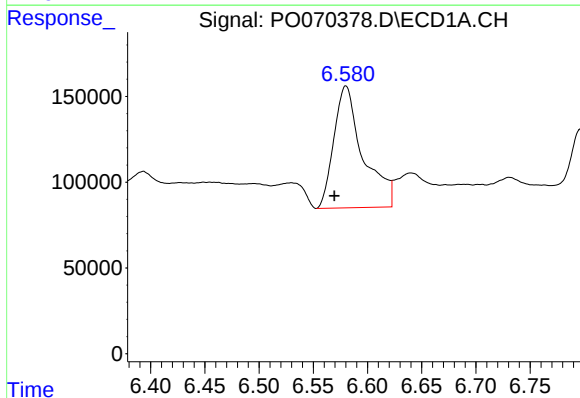
R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 427551
Conc: 134.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



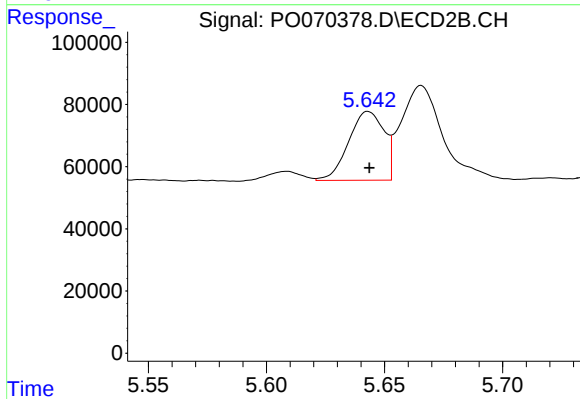
#25 AR-1248-5

R.T.: 5.666 min
Delta R.T.: -0.021 min
Response: 371068
Conc: 180.03 ng/ml



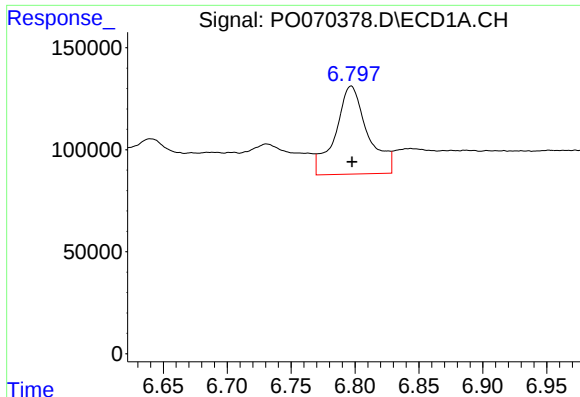
#26 AR-1254-1

R.T.: 6.580 min
Delta R.T.: 0.011 min
Response: 1326869
Conc: 372.88 ng/ml



#26 AR-1254-1

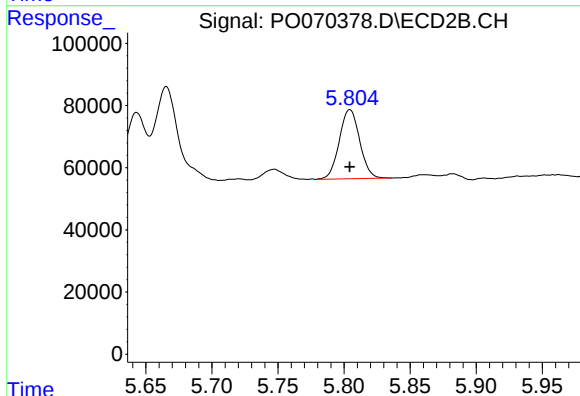
R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 230680
Conc: 65.87 ng/ml



#27 AR-1254-2

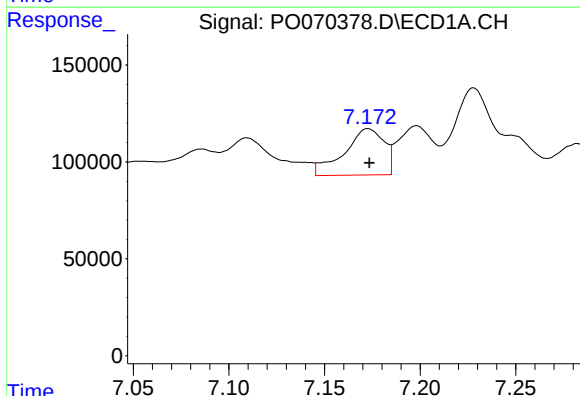
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 758092
Conc: 136.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



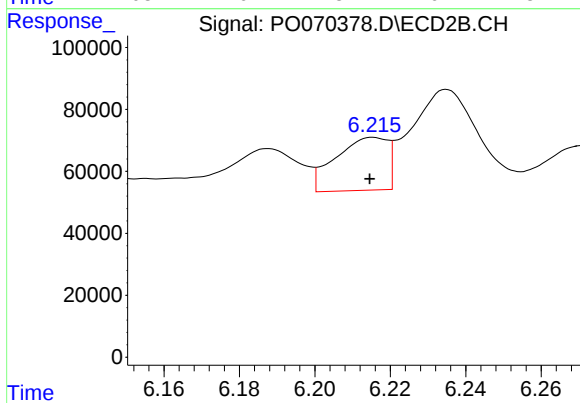
#27 AR-1254-2

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 239245
Conc: 76.82 ng/ml



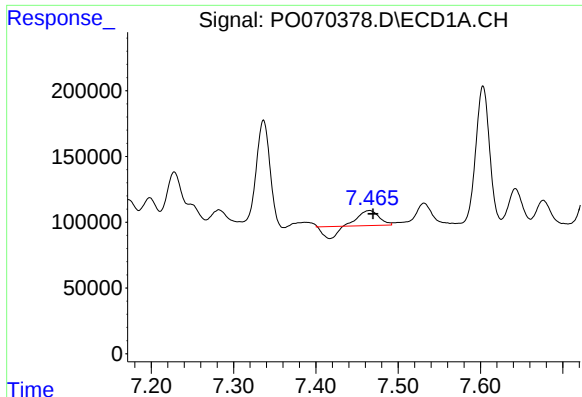
#28 AR-1254-3

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 347890
Conc: 60.41 ng/ml



#28 AR-1254-3

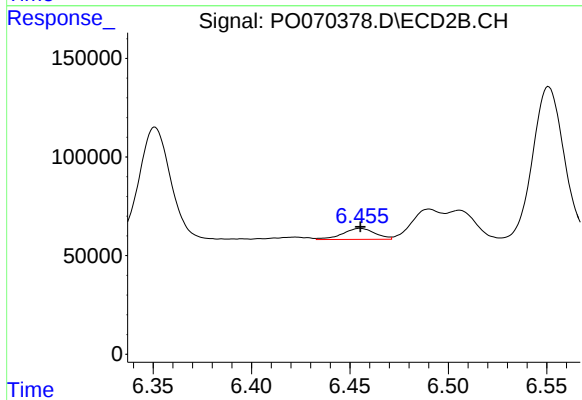
R.T.: 6.216 min
Delta R.T.: 0.001 min
Response: 163589
Conc: 33.18 ng/ml



#29 AR-1254-4

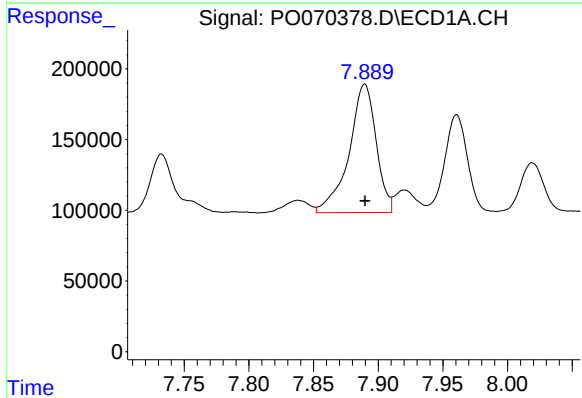
R.T.: 7.465 min
Delta R.T.: -0.004 min
Response: 112205
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



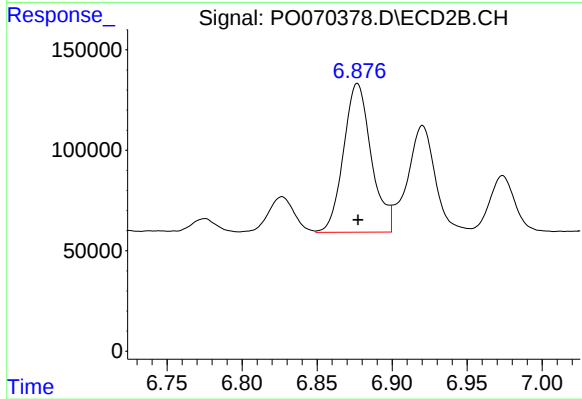
#29 AR-1254-4

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 63908
Conc: 17.76 ng/ml



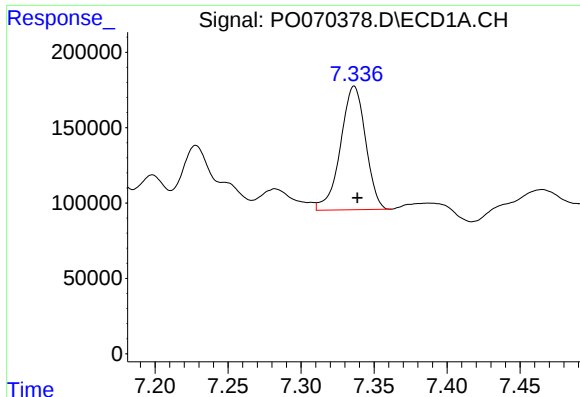
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 1327495
Conc: 251.28 ng/ml



#30 AR-1254-5

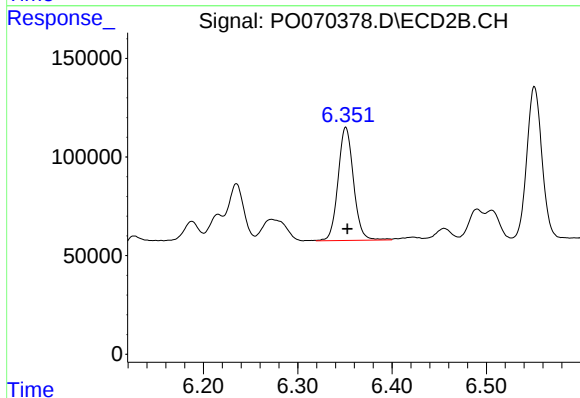
R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 952083
Conc: 207.00 ng/ml



#31 AR-1260-1

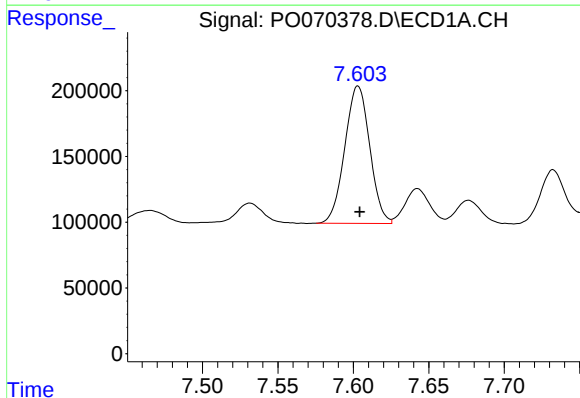
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 978708
Conc: 235.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



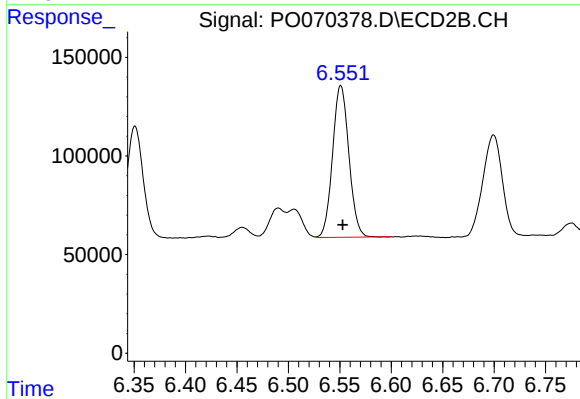
#31 AR-1260-1

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 654026
Conc: 202.54 ng/ml



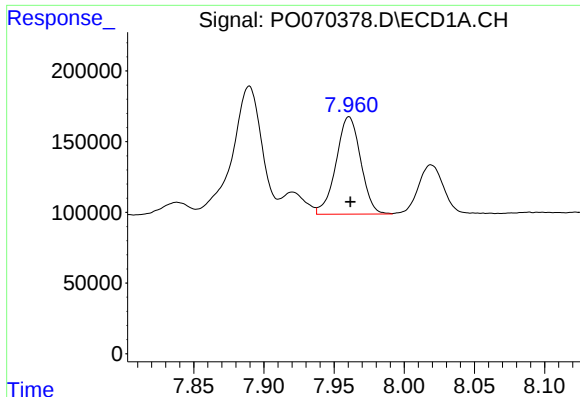
#32 AR-1260-2

R.T.: 7.603 min
Delta R.T.: -0.001 min
Response: 1204959
Conc: 200.68 ng/ml



#32 AR-1260-2

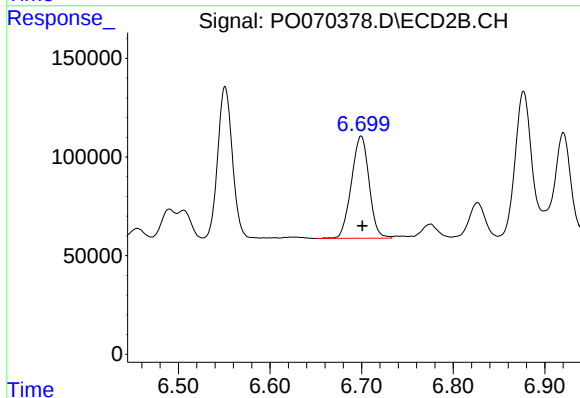
R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 848135
Conc: 197.11 ng/ml



#33 AR-1260-3

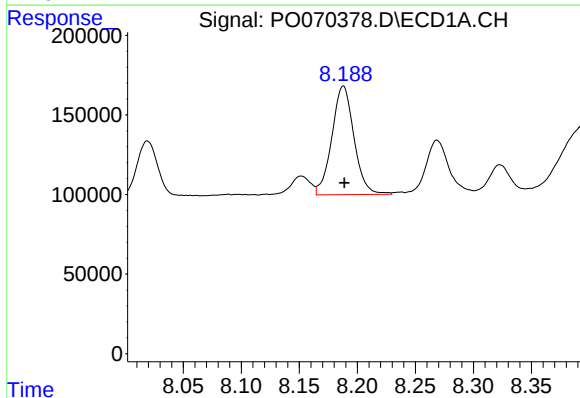
R.T.: 7.961 min
Delta R.T.: -0.001 min
Response: 840073
Conc: 163.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



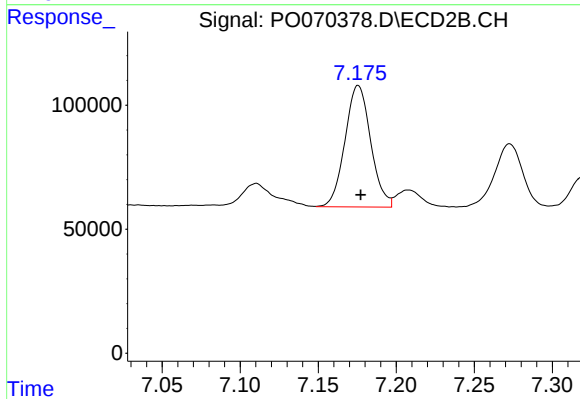
#33 AR-1260-3

R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 693745
Conc: 189.48 ng/ml



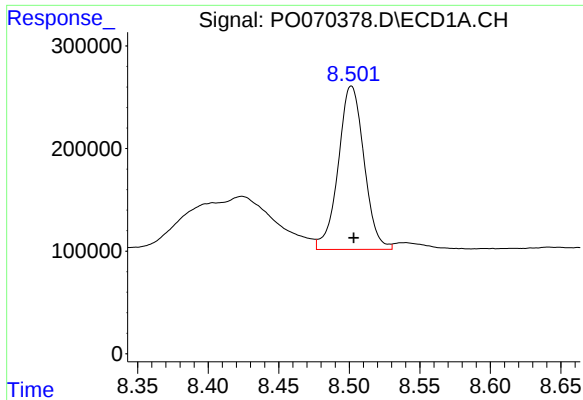
#34 AR-1260-4

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 907323
Conc: 186.59 ng/ml



#34 AR-1260-4

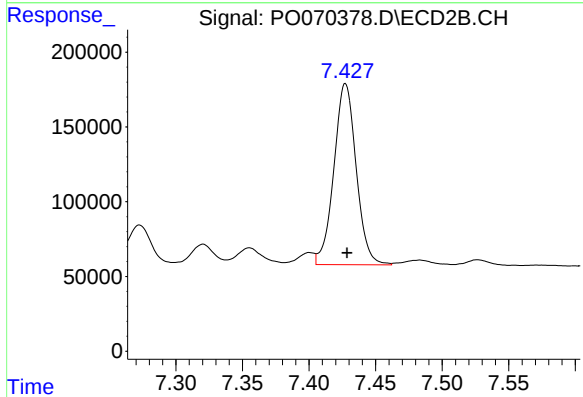
R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 562590
Conc: 180.47 ng/ml



#35 AR-1260-5

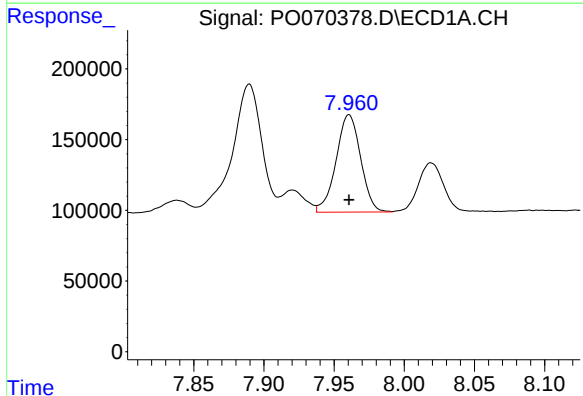
R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 2025545
Conc: 181.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



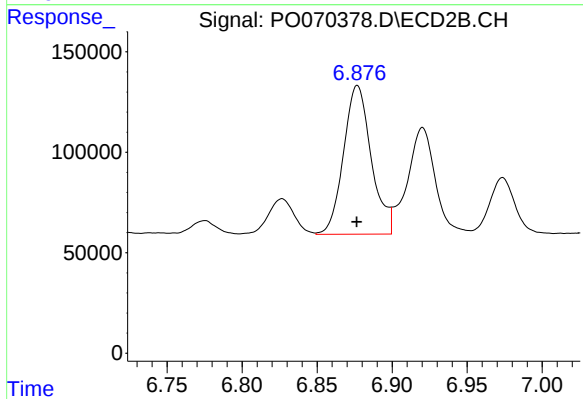
#35 AR-1260-5

R.T.: 7.427 min
Delta R.T.: -0.001 min
Response: 1413301
Conc: 174.92 ng/ml



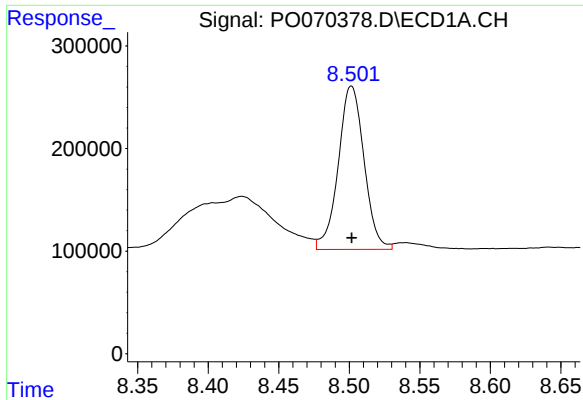
#36 AR-1262-1

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 840073
Conc: 109.68 ng/ml



#36 AR-1262-1

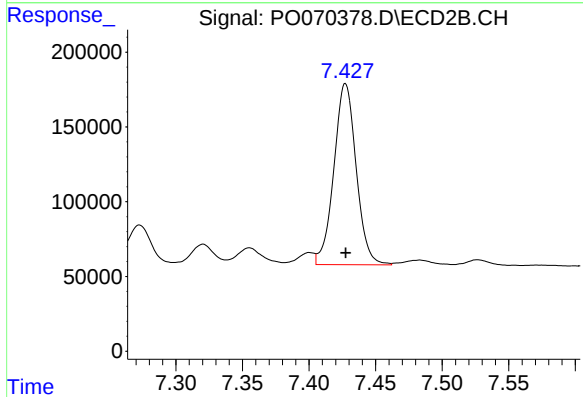
R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 952083
Conc: 376.62 ng/ml



#37 AR-1262-2

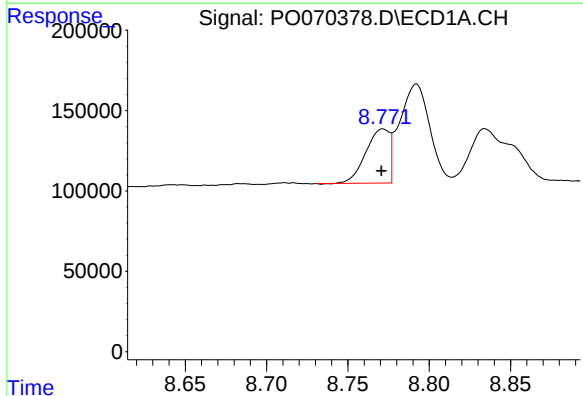
R.T.: 8.502 min
Delta R.T.: 0.000 min
Response: 2025545
Conc: 160.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



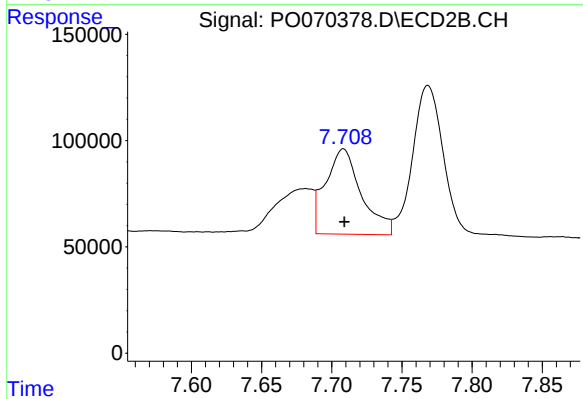
#37 AR-1262-2

R.T.: 7.427 min
Delta R.T.: 0.000 min
Response: 1413301
Conc: 154.28 ng/ml



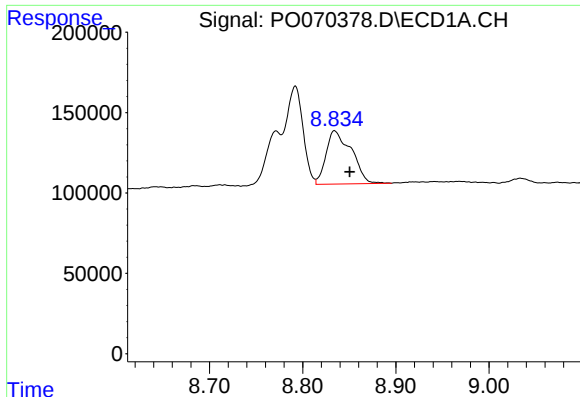
#38 AR-1262-3

R.T.: 8.772 min
Delta R.T.: 0.001 min
Response: 339841
Conc: 59.36 ng/ml



#38 AR-1262-3

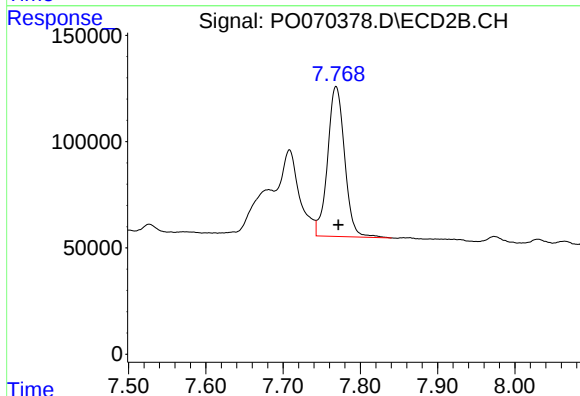
R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 714045
Conc: 195.13 ng/ml



#39 AR-1262-4

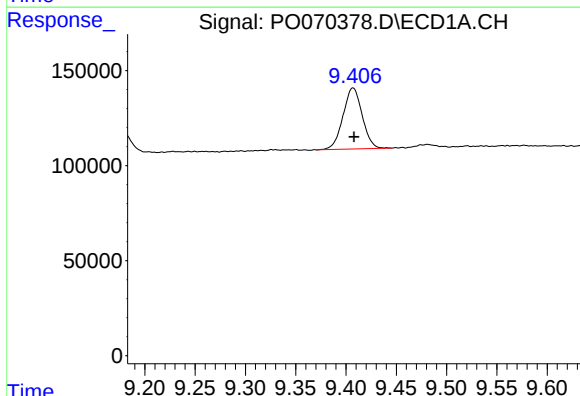
R.T.: 8.834 min
Delta R.T.: -0.016 min
Response: 626426
Conc: 198.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



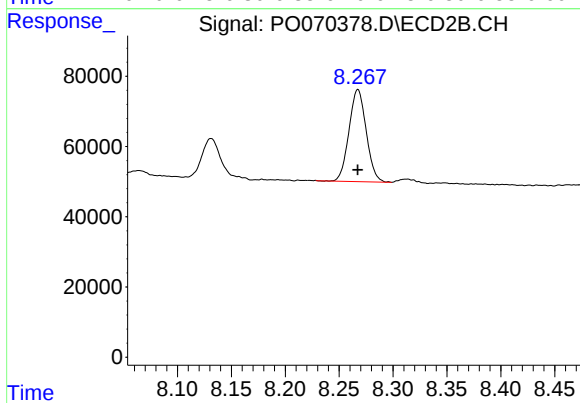
#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: -0.003 min
Response: 1083336
Conc: 171.80 ng/ml



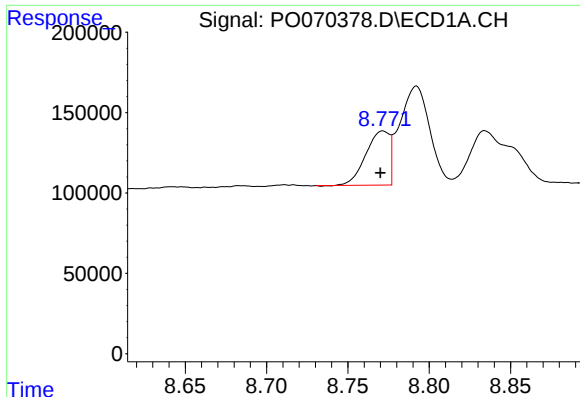
#40 AR-1262-5

R.T.: 9.407 min
Delta R.T.: -0.001 min
Response: 425759
Conc: 103.03 ng/ml



#40 AR-1262-5

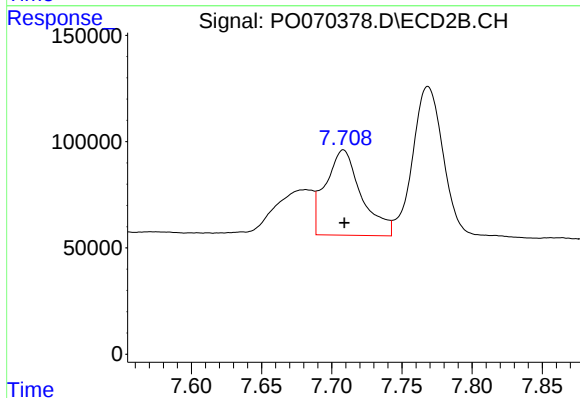
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 291388
Conc: 101.53 ng/ml



#41 AR-1268-1

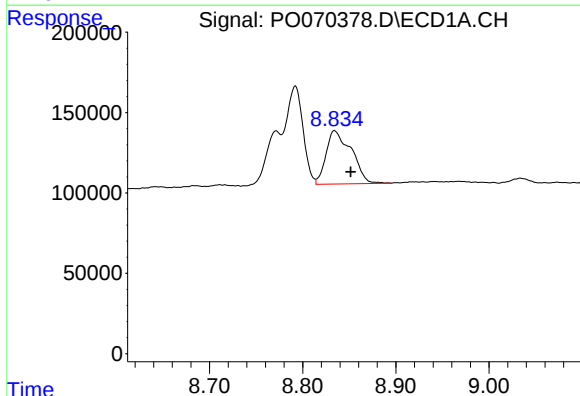
R.T.: 8.772 min
Delta R.T.: 0.002 min
Response: 339841
Conc: 21.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



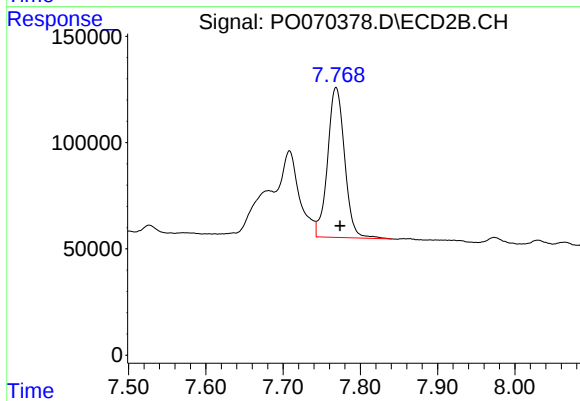
#41 AR-1268-1

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 714045
Conc: 63.57 ng/ml



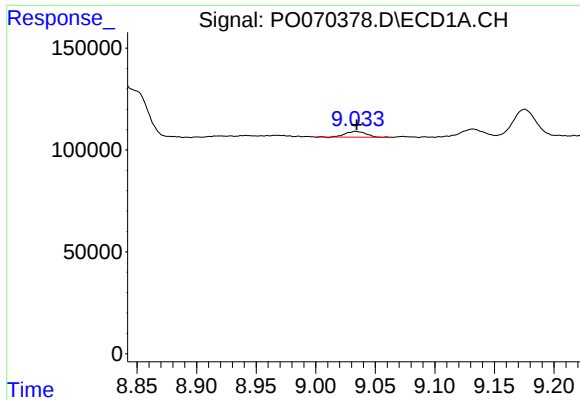
#42 AR-1268-2

R.T.: 8.834 min
Delta R.T.: -0.017 min
Response: 626426
Conc: 46.05 ng/ml



#42 AR-1268-2

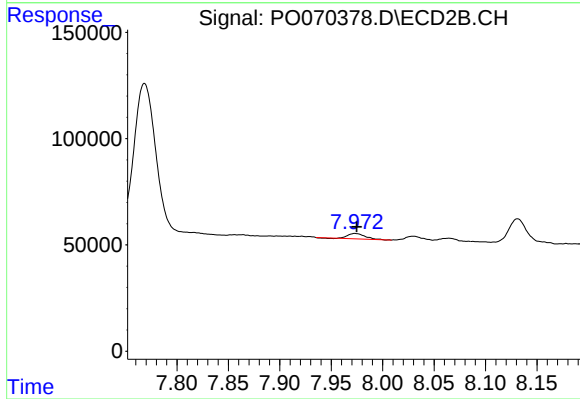
R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 1083336
Conc: 112.30 ng/ml



#43 AR-1268-3

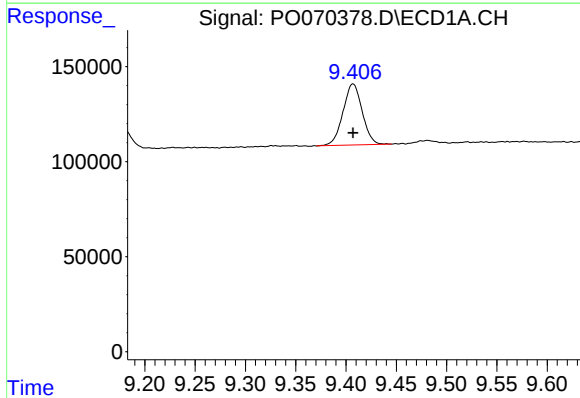
R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 35058
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



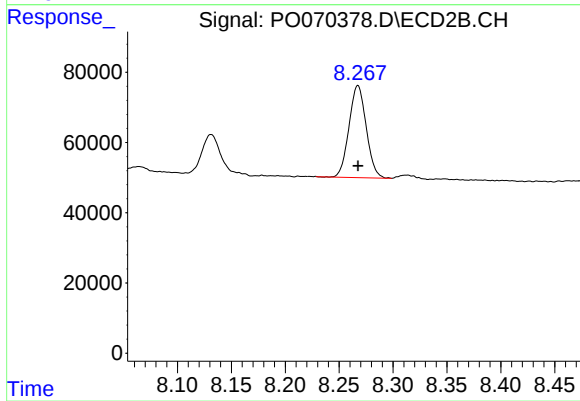
#43 AR-1268-3

R.T.: 7.973 min
Delta R.T.: -0.001 min
Response: 28763
Conc: 3.58 ng/ml



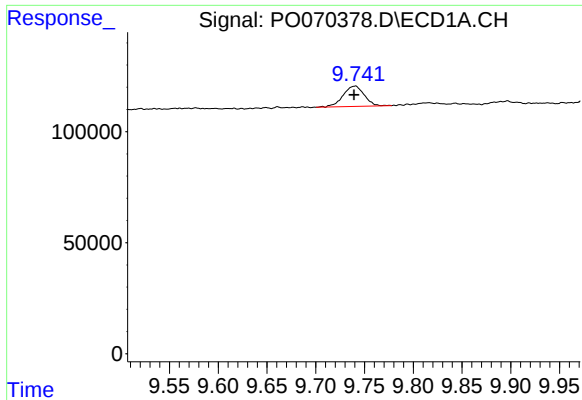
#44 AR-1268-4

R.T.: 9.407 min
Delta R.T.: 0.000 min
Response: 425759
Conc: 88.24 ng/ml



#44 AR-1268-4

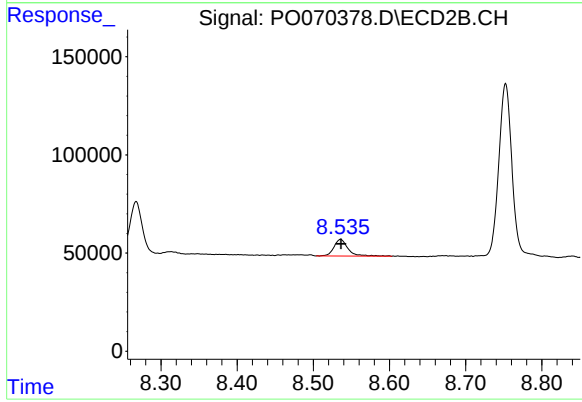
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 291388
Conc: 88.63 ng/ml



#45 AR-1268-5

R.T.: 9.740 min
Delta R.T.: 0.001 min
Response: 138607
Conc: 4.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 110090
Conc: 5.03 ng/ml