

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081120\
 Data File : P0070462.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Aug 2020 13:56
 Operator : DD\AJ
 Sample : L3624-07MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 14:54:17 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...	4.376	3.559	1585524	894487	23.977	20.302
2)	SA Decachlor...	10.007	8.753	2012990	1261812	23.510	22.732
Target Compounds							
3)	L1 AR-1016-1	5.680	4.788	702994	420182	243.469	208.675
4)	L1 AR-1016-2	5.703	4.807	989198	577438	239.202	203.207
5)	L1 AR-1016-3	5.766	4.992	595015	306003	240.812	200.418
6)	L1 AR-1016-4	5.871	5.049	501236	260145	239.247	199.973
7)	L1 AR-1016-5	6.181	5.270	492387	319346	235.849	197.768
8)	L2 AR-1221-1	4.625	3.811	59832	36054	71.362	59.430
9)	L2 AR-1221-2	4.726	3.906	76619	52966	121.788	119.709
10)	L2 AR-1221-3	4.813	3.993	301321	191577	151.111	139.597
11)	L3 AR-1232-1	4.813	3.993	301321	191577	200.248	176.606
12)	L3 AR-1232-2	5.387	4.807	446800	577438	543.107	465.109
13)	L3 AR-1232-3	5.703	4.992	989198	306003	554.746	458.651
14)	L3 AR-1232-4	5.871	5.091	501236	279113	549.381	507.247
15)	L3 AR-1232-5	5.970	5.270	386076	319346	631.349	485.657
16)	L4 AR-1242-1	5.680	4.788	702994	420182	298.443	256.688
17)	L4 AR-1242-2	5.703	4.807	989198	577438	293.199	250.549
18)	L4 AR-1242-3	5.766	4.992	595015	306003	290.710	245.906
19)	L4 AR-1242-4	5.871	5.091	501236	279113	289.236	246.065
20)	L4 AR-1242-5	6.642	5.644	93156	271928	45.226	163.023 #
21)	L5 AR-1248-1	5.680	4.788	702994	420182	395.471	353.002
22)	L5 AR-1248-2	5.970	5.049	386076	260145	170.233	152.632
23)	L5 AR-1248-3	6.181	5.091	492387	279113	179.753	177.917
24)	L5 AR-1248-4	6.606	5.270	109378	319346	32.147	157.073 #
25)	L5 AR-1248-5	6.642	5.687	93156	38367	29.287	18.615 #
26)	L6 AR-1254-1	6.572	5.644	440179	271928	123.699	77.649 #
27)	L6 AR-1254-2	6.800	5.805	471699	270053	84.717	86.713
28)	L6 AR-1254-3	7.176	6.216	257869	139278	44.777	28.252 #
29)	L6 AR-1254-4	7.468	6.455	188402	68649	36.117	19.074 #
30)	L6 AR-1254-5	7.891	6.878	1737464	1091502	328.883	237.309 #
31)	L7 AR-1260-1	7.339	6.353	1102520	718890	265.088	222.632
32)	L7 AR-1260-2	7.605	6.552	1565435	981424	260.712	228.086
33)	L7 AR-1260-3	7.963	6.700	1098314	836984	213.398	228.599
34)	L7 AR-1260-4	8.189	7.177	1103064	646592	226.844	207.411
35)	L7 AR-1260-5	8.504	7.429	2361584	1705828	211.876	211.125
36)	L8 AR-1262-1	7.963	6.878	1098314	1091502	143.396	431.775 #
37)	L8 AR-1262-2	8.504	7.429	2361584	1705828	187.454	186.218
38)	L8 AR-1262-3	8.773	7.709	442011	338113	77.203	92.396
39)	L8 AR-1262-4	8.838	7.769	785190	1149116	248.461	182.228 #
40)	L8 AR-1262-5	9.409	8.269	508643	354958	123.093	123.678
41)	L9 AR-1268-1	8.773	7.709	442011	338113	27.886	30.103

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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

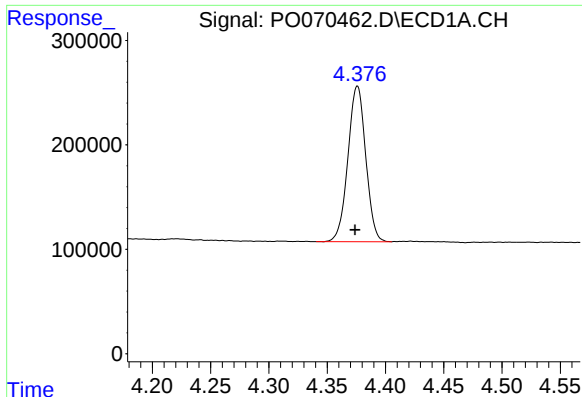
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 14:54:17 2020
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Volume Inj. : 2 µl
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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	8.838	7.769	785190	1149116	57.721	119.123 #
43) L9	AR-1268-3	9.037	7.974	53441	34593	4.592	4.302
44) L9	AR-1268-4	9.409	8.269	508643	354958	105.424	107.965
45) L9	AR-1268-5	9.742	8.536	168625	120596	5.368	5.509

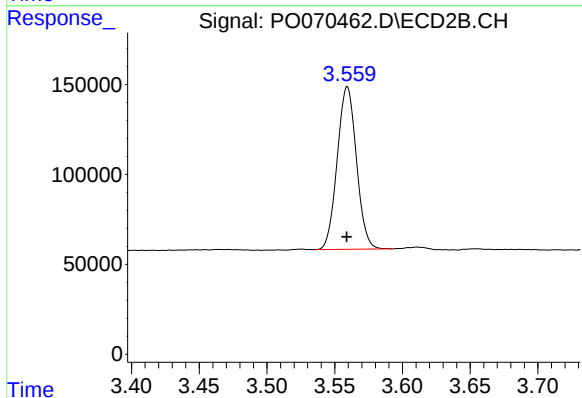
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

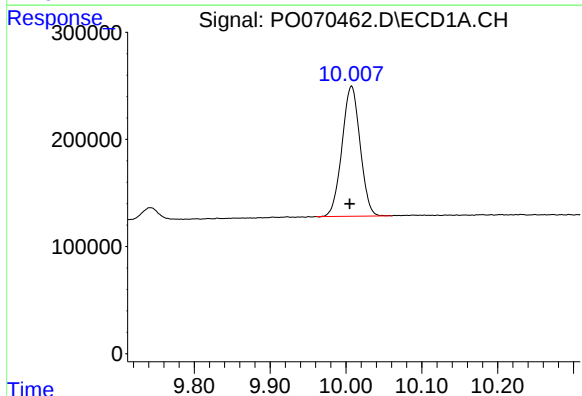
R.T.: 4.376 min
Delta R.T.: 0.002 min
Response: 1585524
Conc: 23.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



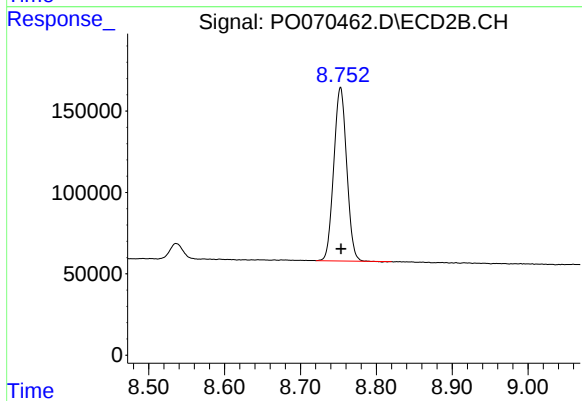
#1 Tetrachloro-m-xylene

R.T.: 3.559 min
Delta R.T.: 0.000 min
Response: 894487
Conc: 20.30 ng/ml



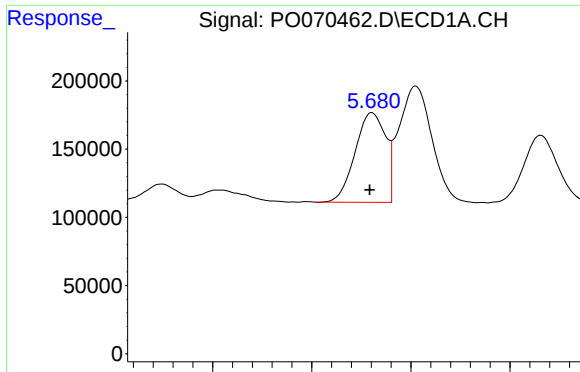
#2 Decachlorobiphenyl

R.T.: 10.007 min
Delta R.T.: 0.002 min
Response: 2012990
Conc: 23.51 ng/ml



#2 Decachlorobiphenyl

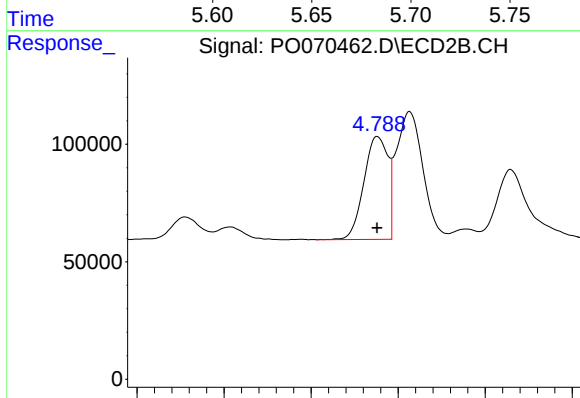
R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 1261812
Conc: 22.73 ng/ml



#3 AR-1016-1

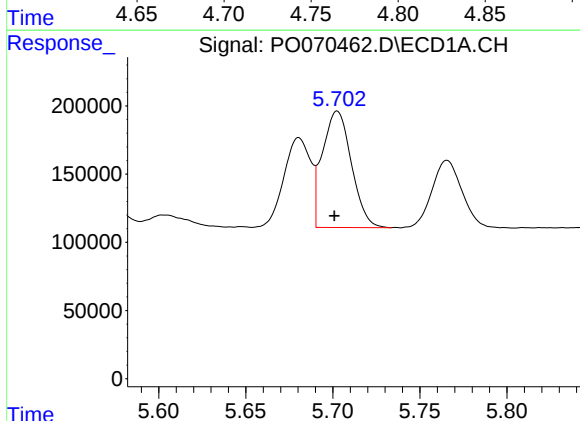
R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 702994
Conc: 243.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



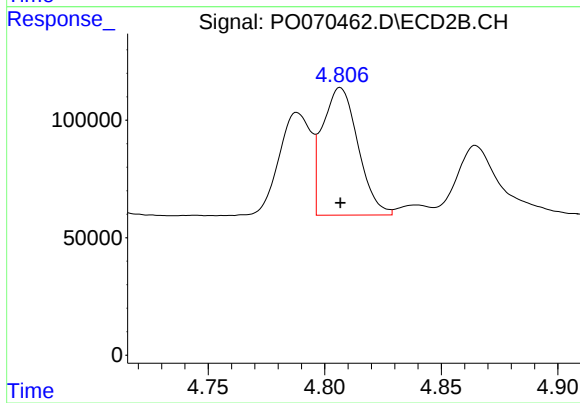
#3 AR-1016-1

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 420182
Conc: 208.67 ng/ml



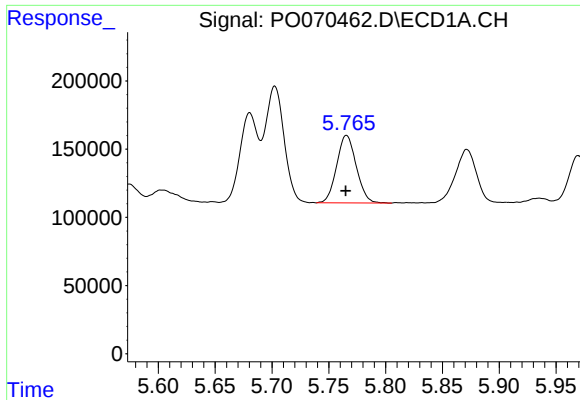
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: 0.002 min
Response: 989198
Conc: 239.20 ng/ml



#4 AR-1016-2

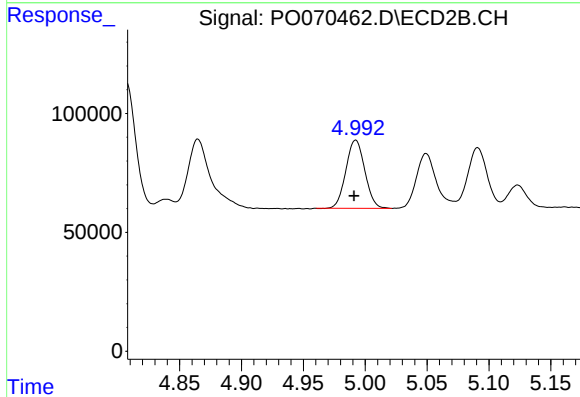
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 577438
Conc: 203.21 ng/ml



#5 AR-1016-3

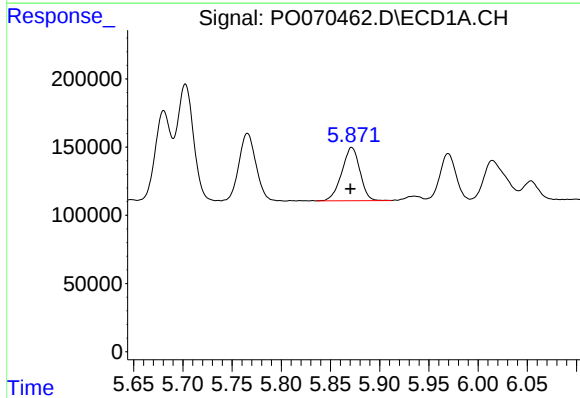
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 595015
Conc: 240.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



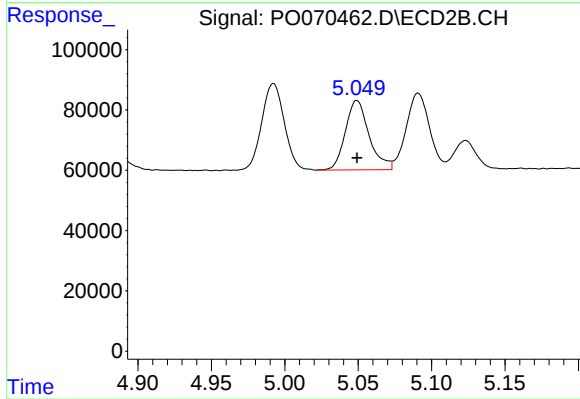
#5 AR-1016-3

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 306003
Conc: 200.42 ng/ml



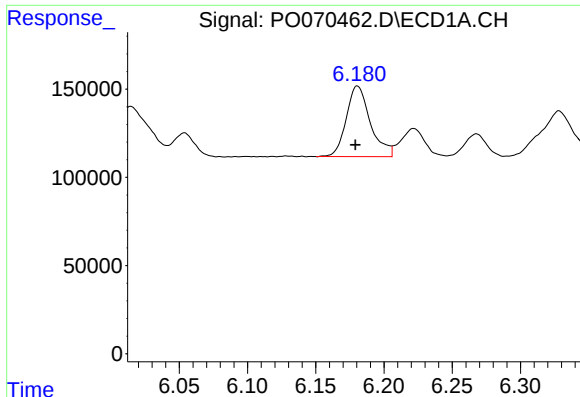
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: 0.001 min
Response: 501236
Conc: 239.25 ng/ml



#6 AR-1016-4

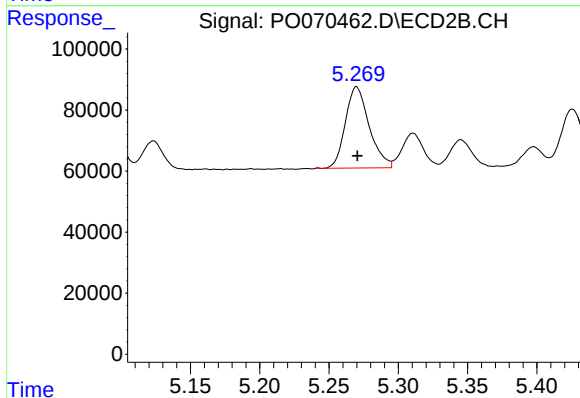
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 260145
Conc: 199.97 ng/ml



#7 AR-1016-5

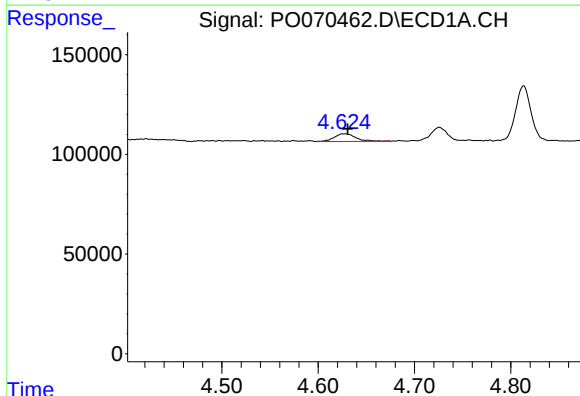
R.T.: 6.181 min
Delta R.T.: 0.002 min
Response: 492387
Conc: 235.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



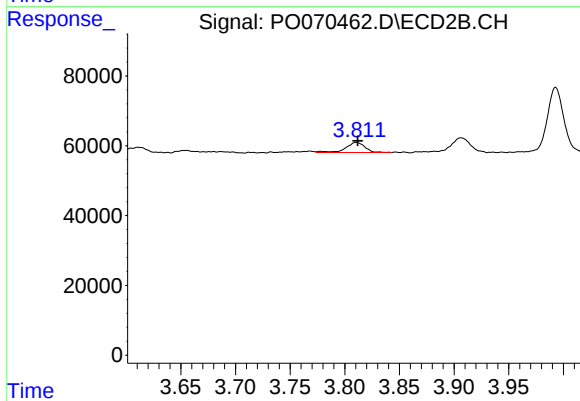
#7 AR-1016-5

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 319346
Conc: 197.77 ng/ml



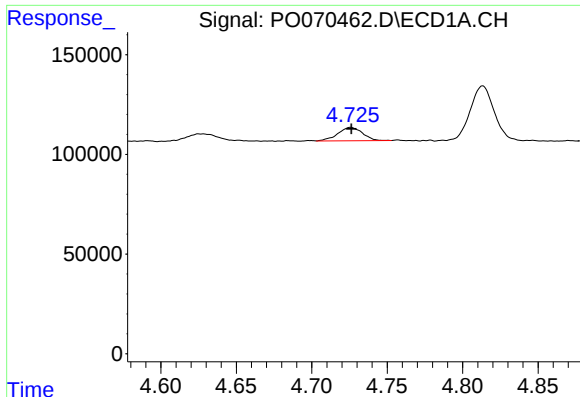
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.006 min
Response: 59832
Conc: 71.36 ng/ml



#8 AR-1221-1

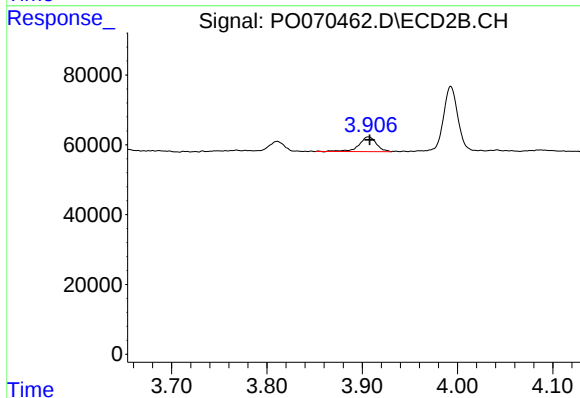
R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 36054
Conc: 59.43 ng/ml



#9 AR-1221-2

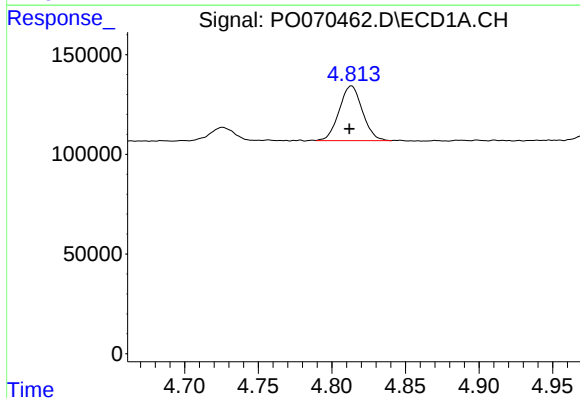
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 76619
Conc: 121.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



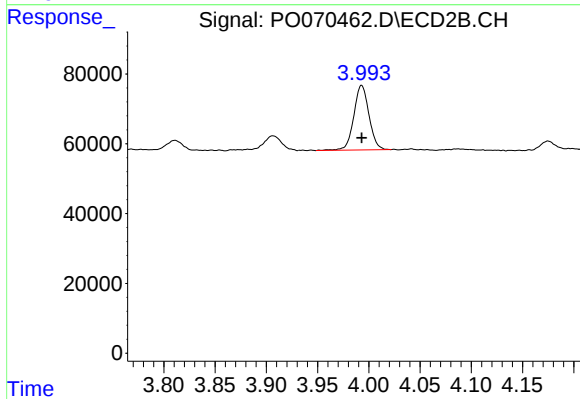
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 52966
Conc: 119.71 ng/ml



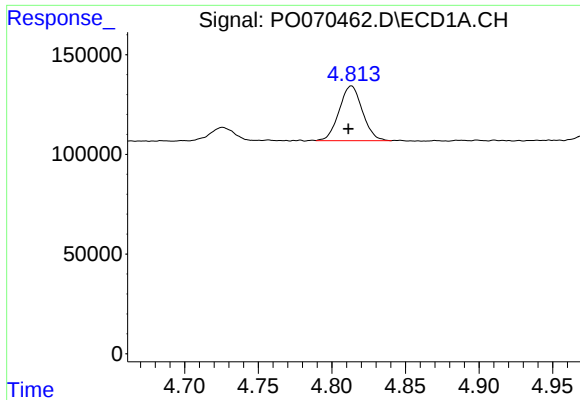
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.001 min
Response: 301321
Conc: 151.11 ng/ml



#10 AR-1221-3

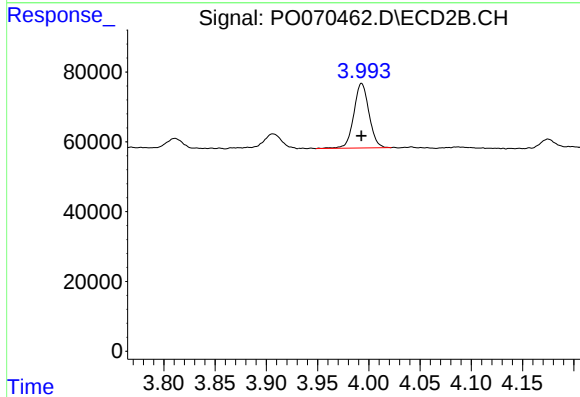
R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 191577
Conc: 139.60 ng/ml



#11 AR-1232-1

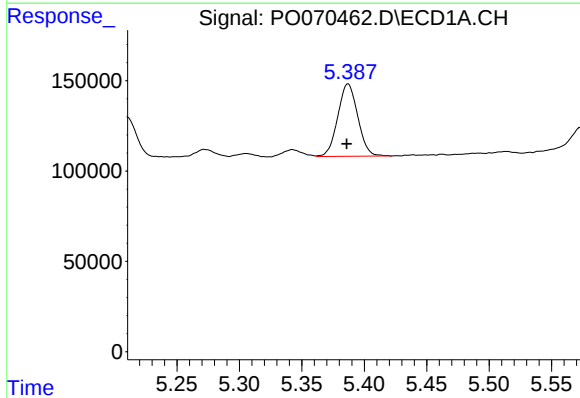
R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 301321
Conc: 200.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



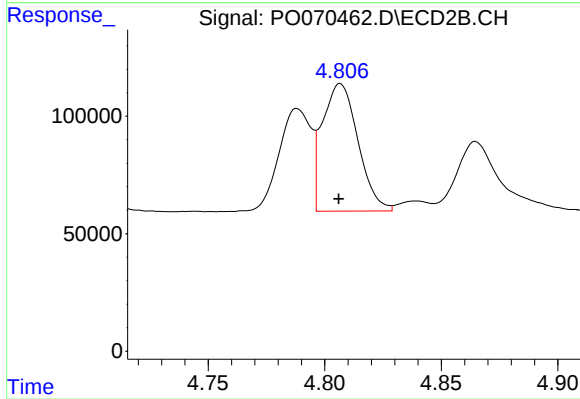
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 191577
Conc: 176.61 ng/ml



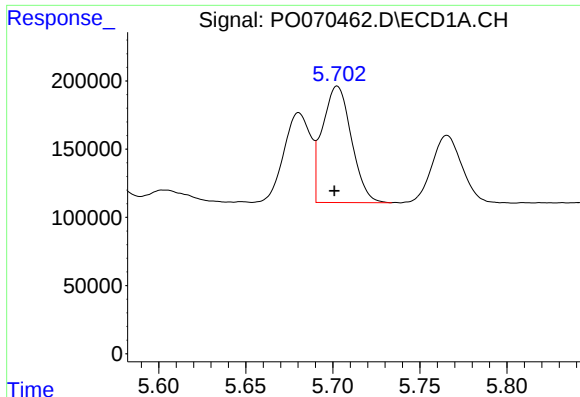
#12 AR-1232-2

R.T.: 5.387 min
Delta R.T.: 0.001 min
Response: 446800
Conc: 543.11 ng/ml



#12 AR-1232-2

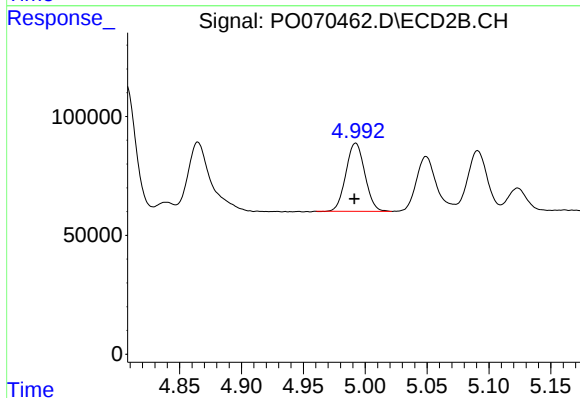
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 577438
Conc: 465.11 ng/ml



#13 AR-1232-3

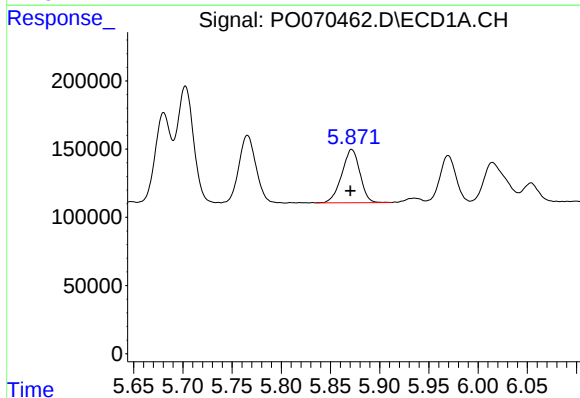
R.T.: 5.703 min
Delta R.T.: 0.002 min
Response: 989198
Conc: 554.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



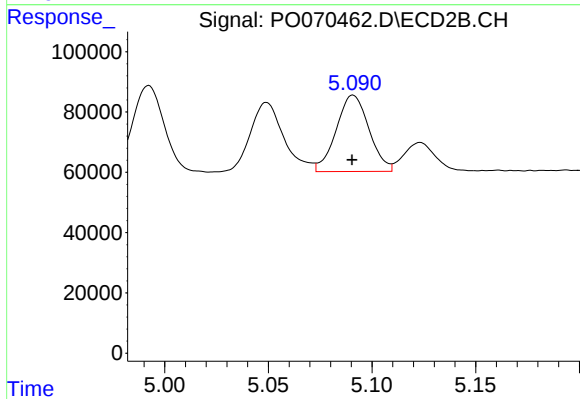
#13 AR-1232-3

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 306003
Conc: 458.65 ng/ml



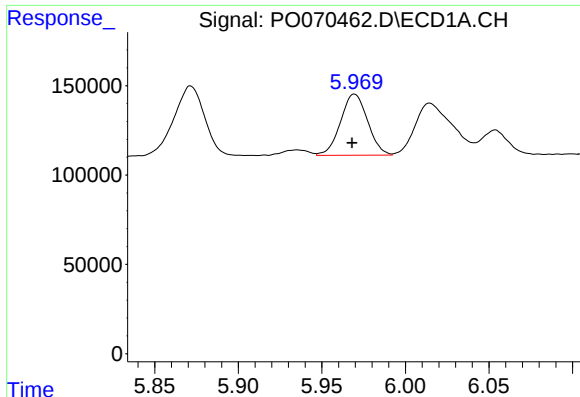
#14 AR-1232-4

R.T.: 5.871 min
Delta R.T.: 0.001 min
Response: 501236
Conc: 549.38 ng/ml



#14 AR-1232-4

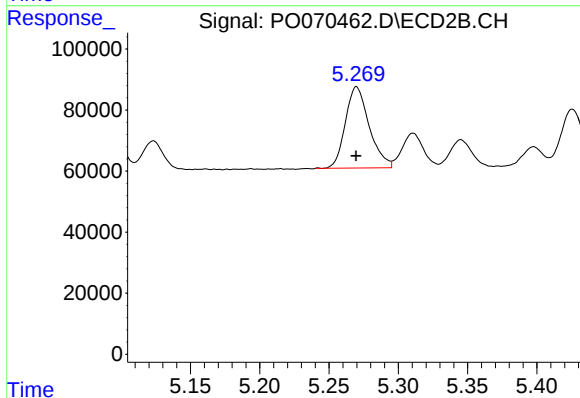
R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 279113
Conc: 507.25 ng/ml



#15 AR-1232-5

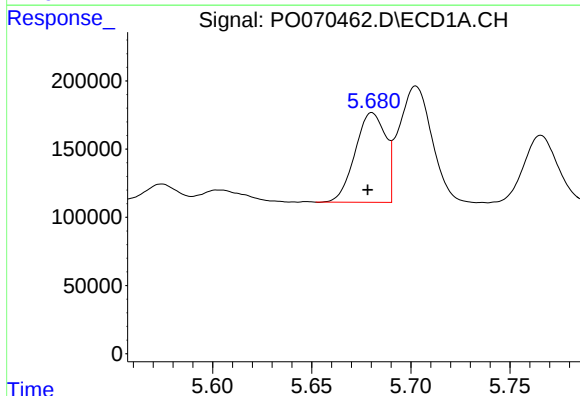
R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 386076
Conc: 631.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



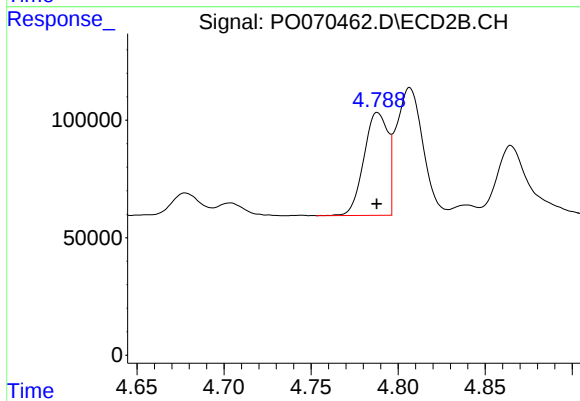
#15 AR-1232-5

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 319346
Conc: 485.66 ng/ml



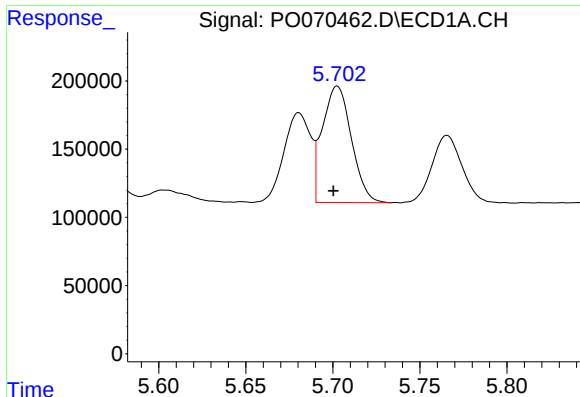
#16 AR-1242-1

R.T.: 5.680 min
Delta R.T.: 0.002 min
Response: 702994
Conc: 298.44 ng/ml



#16 AR-1242-1

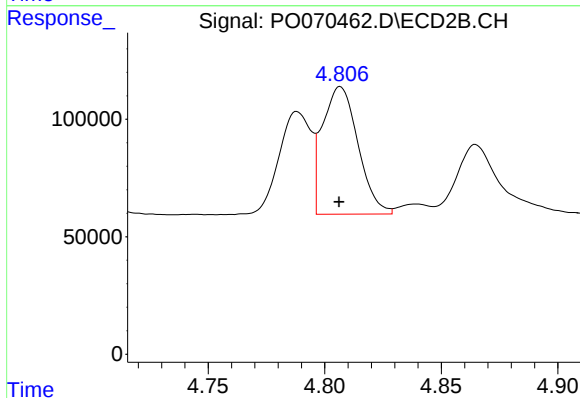
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 420182
Conc: 256.69 ng/ml



#17 AR-1242-2

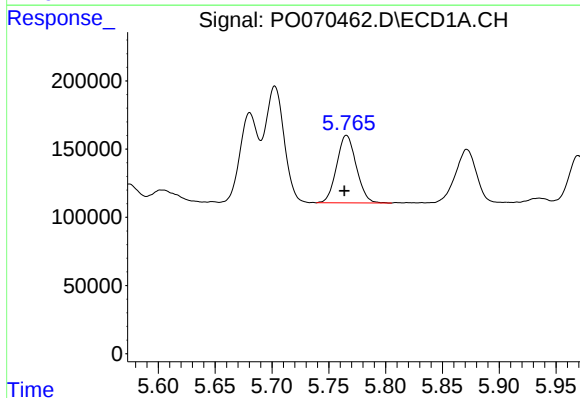
R.T.: 5.703 min
Delta R.T.: 0.002 min
Response: 989198
Conc: 293.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



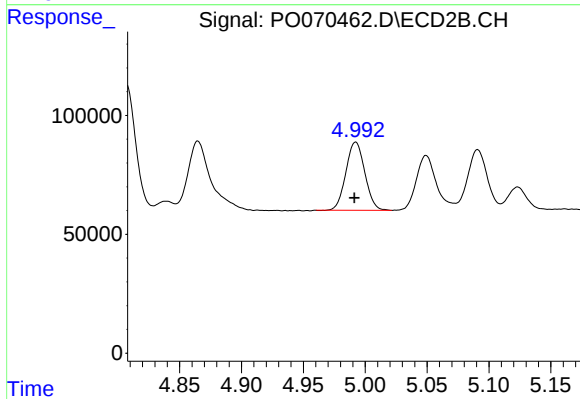
#17 AR-1242-2

R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 577438
Conc: 250.55 ng/ml



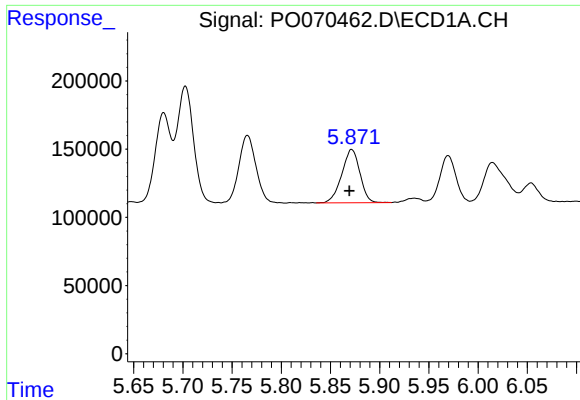
#18 AR-1242-3

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 595015
Conc: 290.71 ng/ml



#18 AR-1242-3

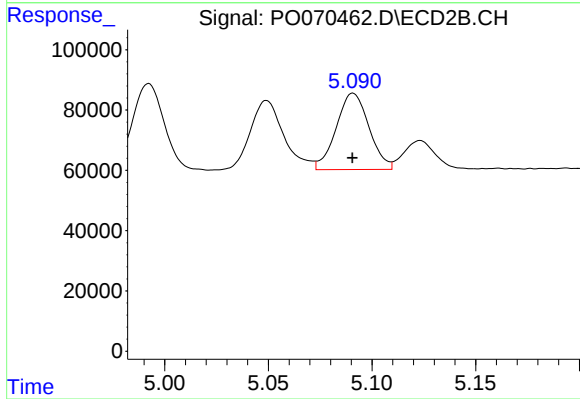
R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 306003
Conc: 245.91 ng/ml



#19 AR-1242-4

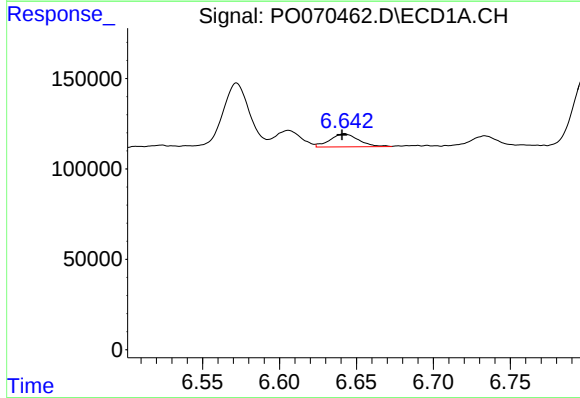
R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 501236
Conc: 289.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



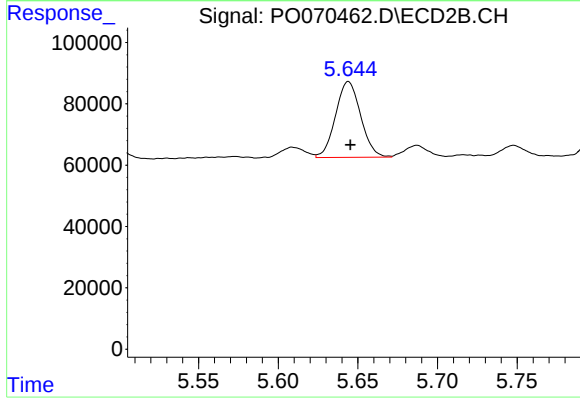
#19 AR-1242-4

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 279113
Conc: 246.07 ng/ml



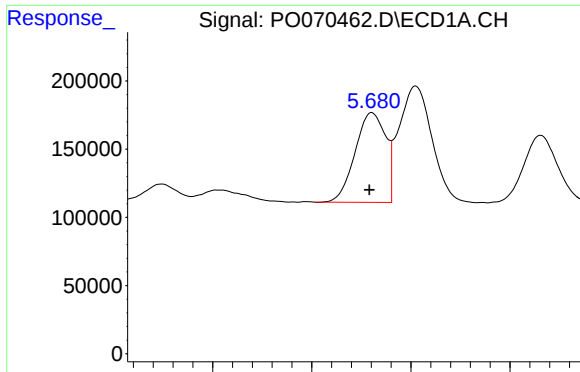
#20 AR-1242-5

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 93156
Conc: 45.23 ng/ml



#20 AR-1242-5

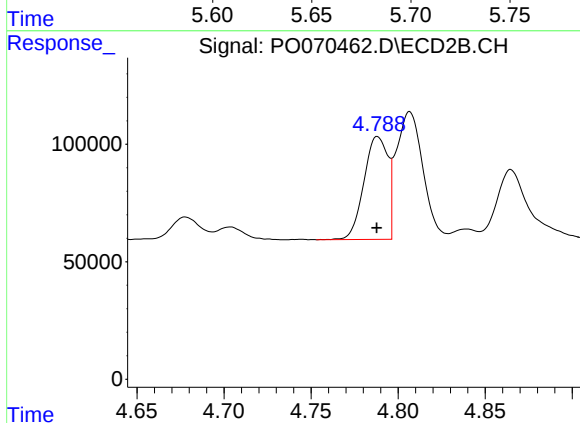
R.T.: 5.644 min
Delta R.T.: -0.001 min
Response: 271928
Conc: 163.02 ng/ml



#21 AR-1248-1

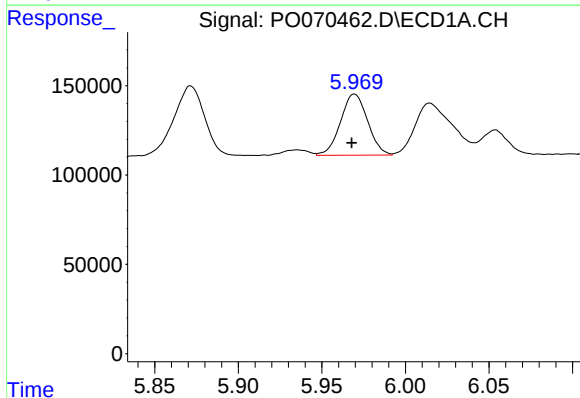
R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 702994
Conc: 395.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



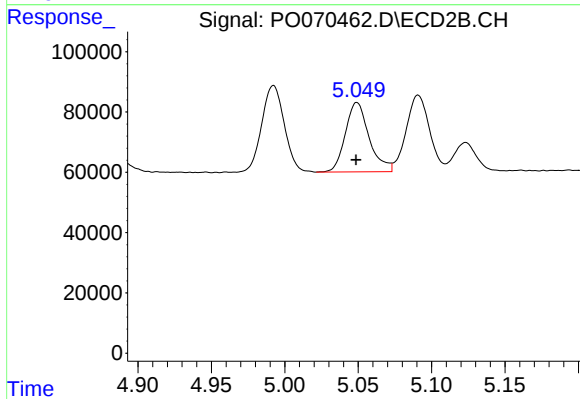
#21 AR-1248-1

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 420182
Conc: 353.00 ng/ml



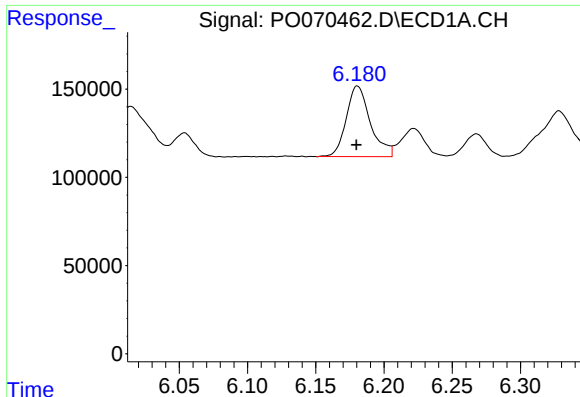
#22 AR-1248-2

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 386076
Conc: 170.23 ng/ml



#22 AR-1248-2

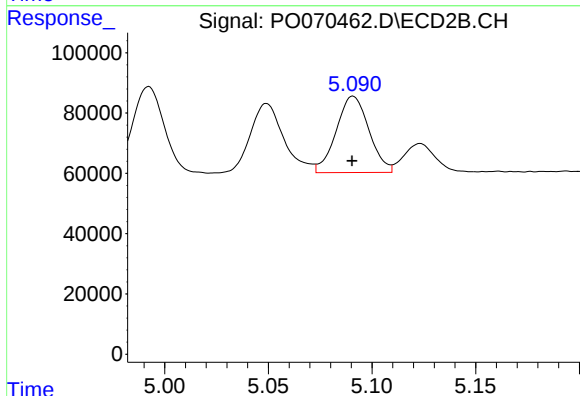
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 260145
Conc: 152.63 ng/ml



#23 AR-1248-3

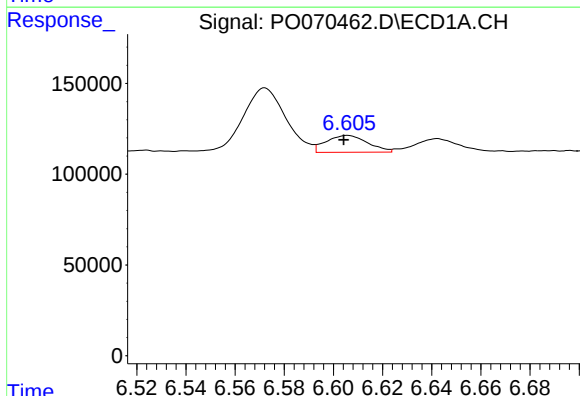
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 492387
Conc: 179.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



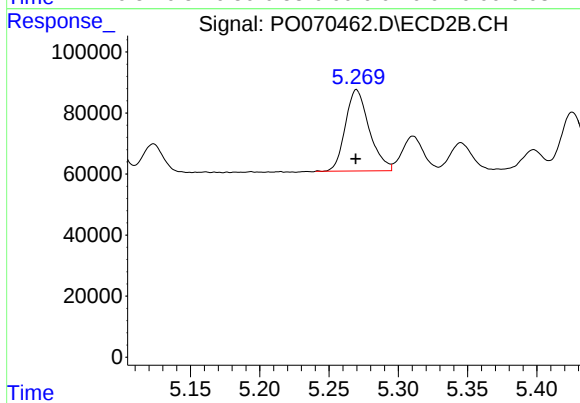
#23 AR-1248-3

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 279113
Conc: 177.92 ng/ml



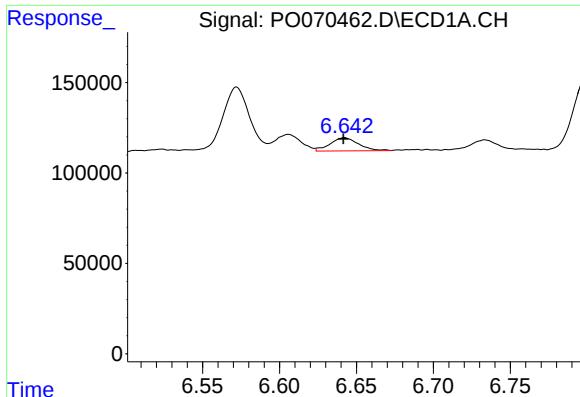
#24 AR-1248-4

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 109378
Conc: 32.15 ng/ml



#24 AR-1248-4

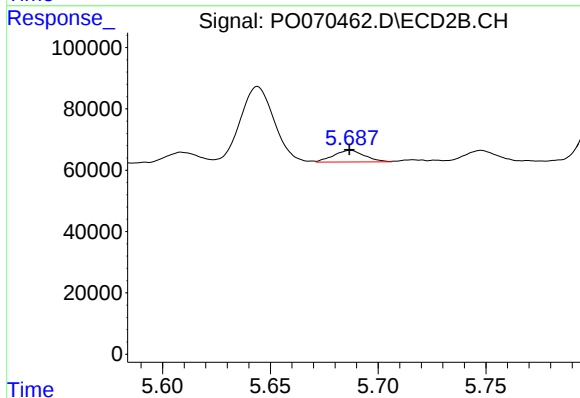
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 319346
Conc: 157.07 ng/ml



#25 AR-1248-5

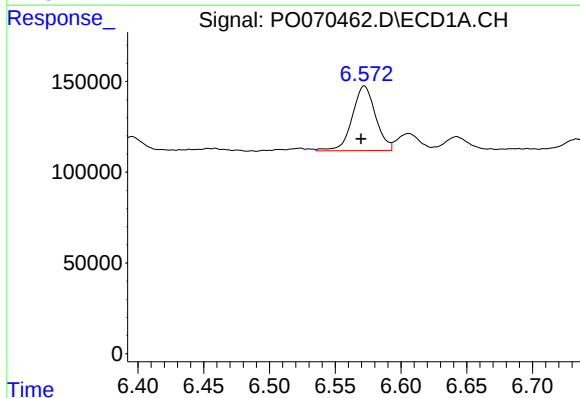
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 93156
Conc: 29.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



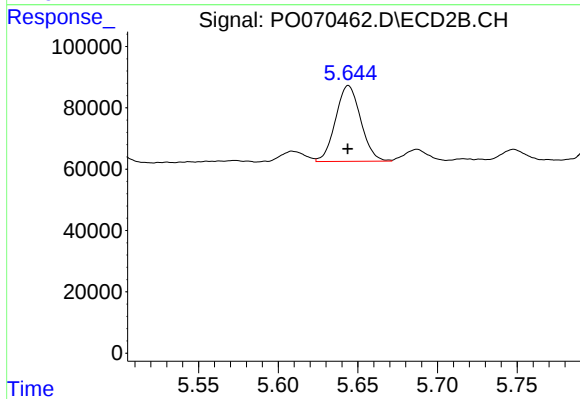
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38367
Conc: 18.61 ng/ml



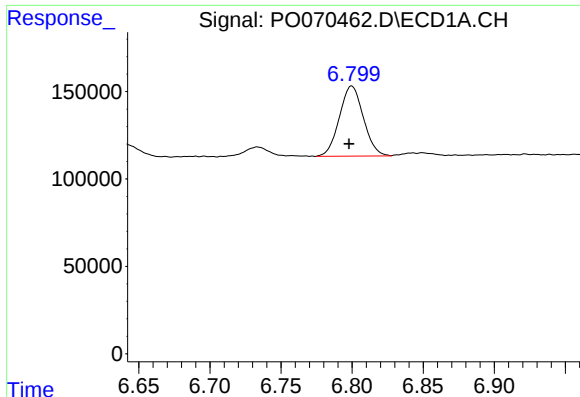
#26 AR-1254-1

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 440179
Conc: 123.70 ng/ml



#26 AR-1254-1

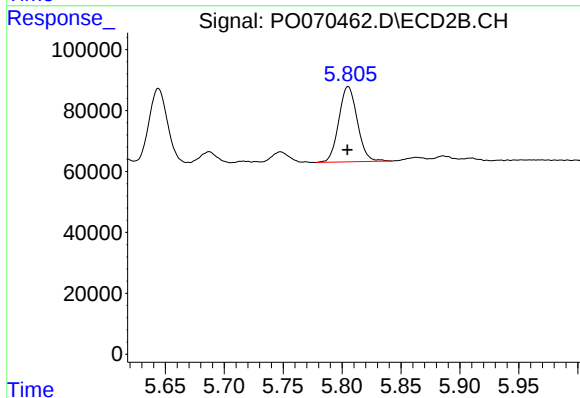
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 271928
Conc: 77.65 ng/ml



#27 AR-1254-2

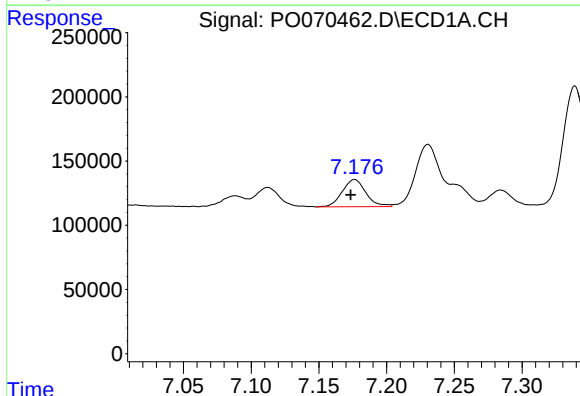
R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 471699
Conc: 84.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



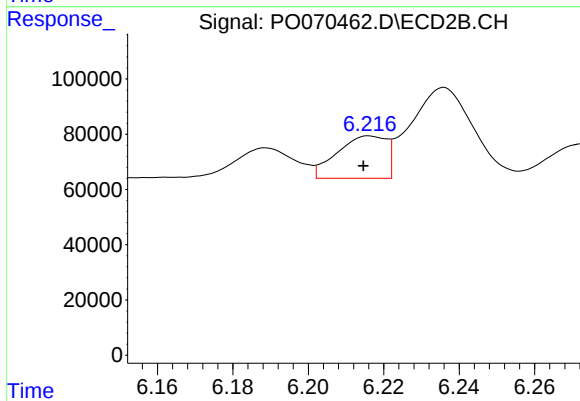
#27 AR-1254-2

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 270053
Conc: 86.71 ng/ml



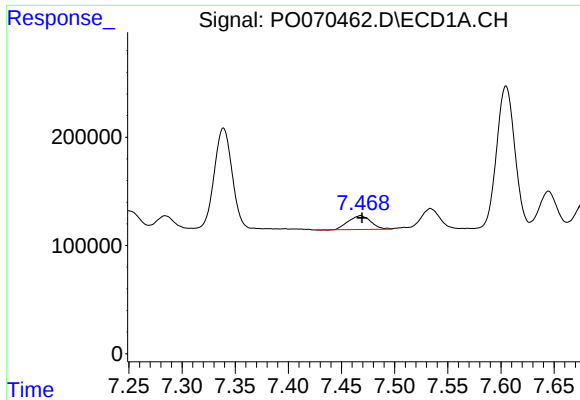
#28 AR-1254-3

R.T.: 7.176 min
Delta R.T.: 0.003 min
Response: 257869
Conc: 44.78 ng/ml



#28 AR-1254-3

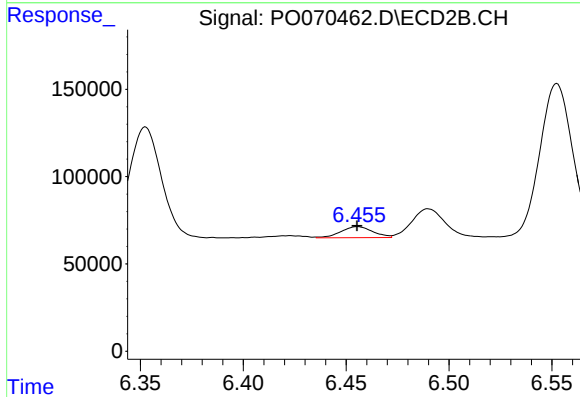
R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 139278
Conc: 28.25 ng/ml



#29 AR-1254-4

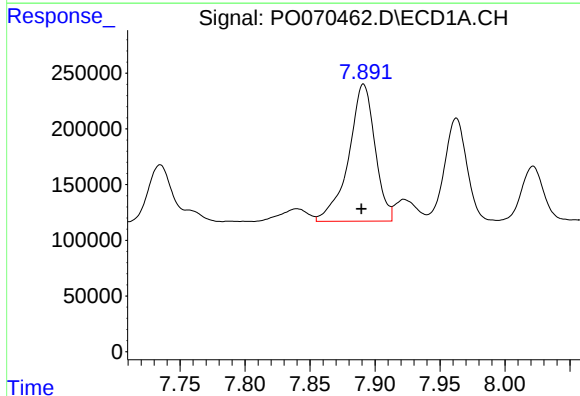
R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 188402
Conc: 36.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



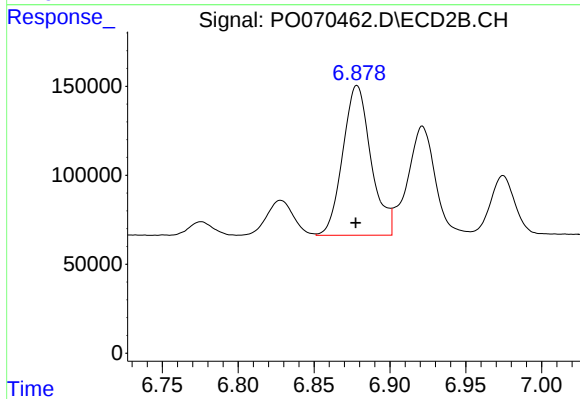
#29 AR-1254-4

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 68649
Conc: 19.07 ng/ml



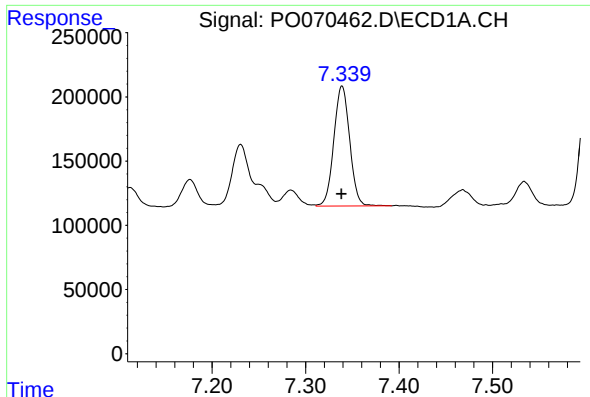
#30 AR-1254-5

R.T.: 7.891 min
Delta R.T.: 0.001 min
Response: 1737464
Conc: 328.88 ng/ml



#30 AR-1254-5

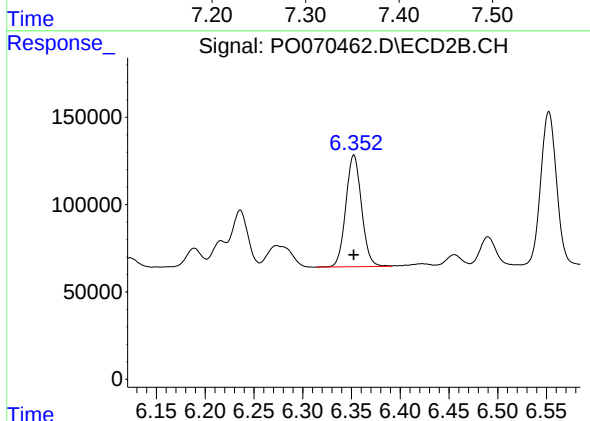
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 1091502
Conc: 237.31 ng/ml



#31 AR-1260-1

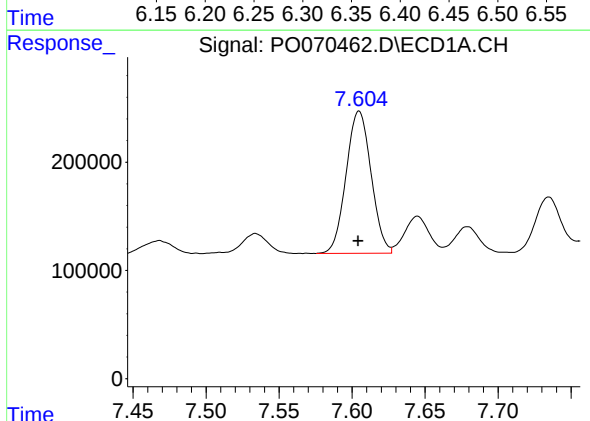
R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 1102520
Conc: 265.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



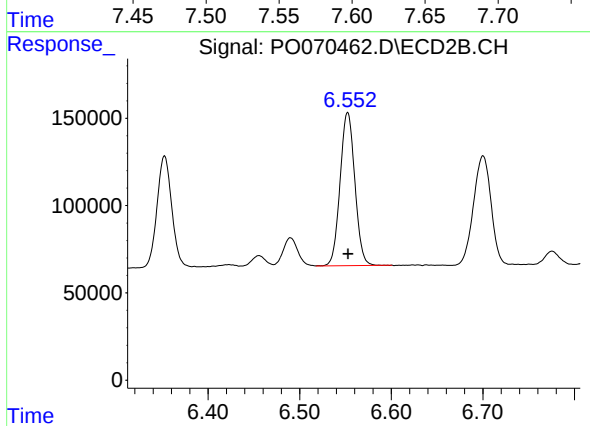
#31 AR-1260-1

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 718890
Conc: 222.63 ng/ml



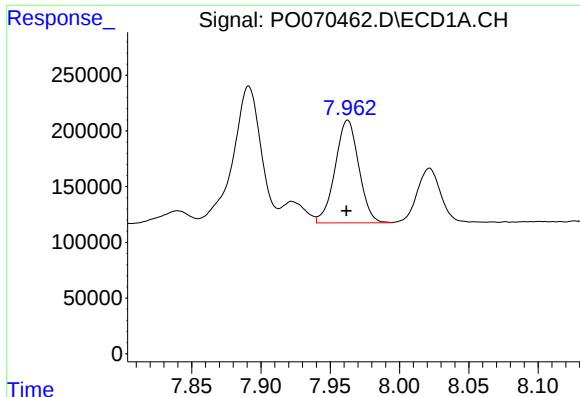
#32 AR-1260-2

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 1565435
Conc: 260.71 ng/ml



#32 AR-1260-2

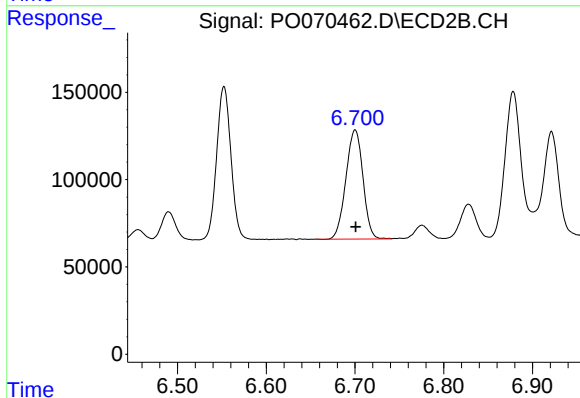
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 981424
Conc: 228.09 ng/ml



#33 AR-1260-3

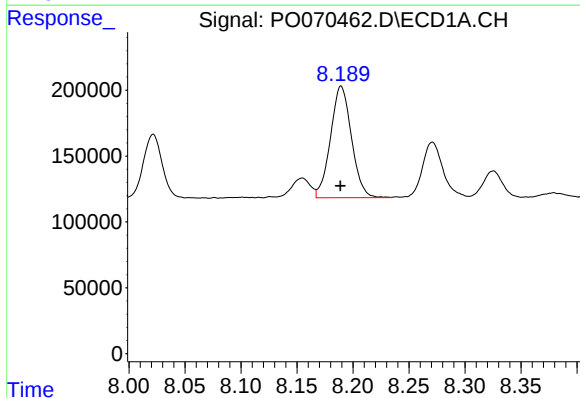
R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 1098314
Conc: 213.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



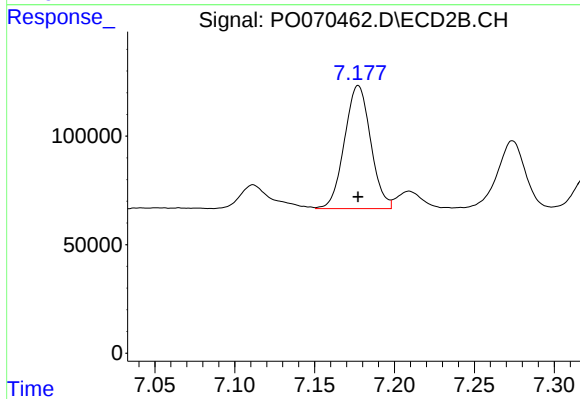
#33 AR-1260-3

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 836984
Conc: 228.60 ng/ml



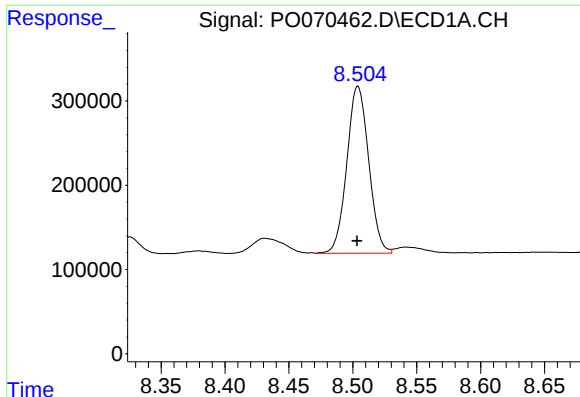
#34 AR-1260-4

R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 1103064
Conc: 226.84 ng/ml



#34 AR-1260-4

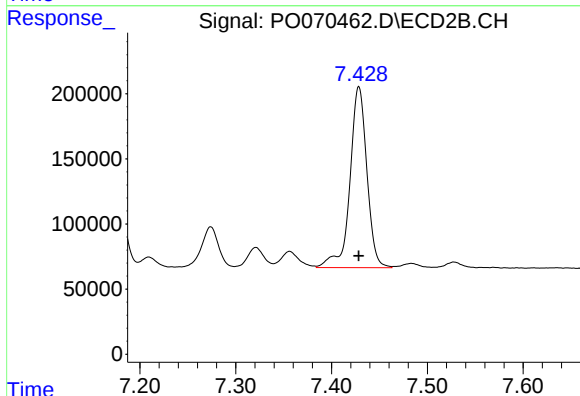
R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 646592
Conc: 207.41 ng/ml



#35 AR-1260-5

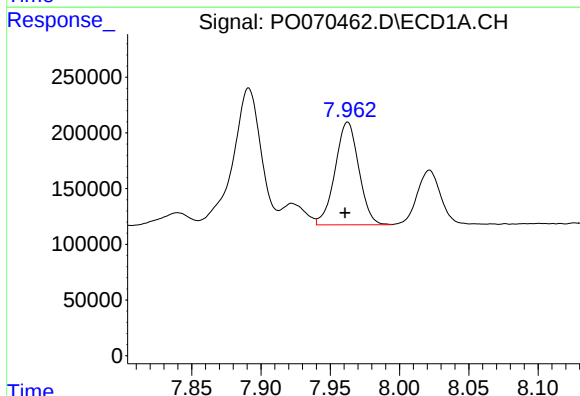
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 2361584
Conc: 211.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



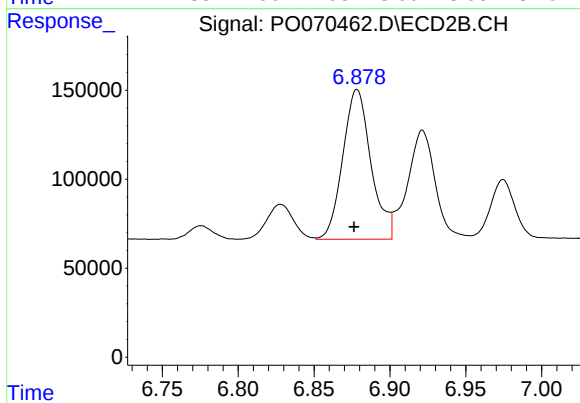
#35 AR-1260-5

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 1705828
Conc: 211.12 ng/ml



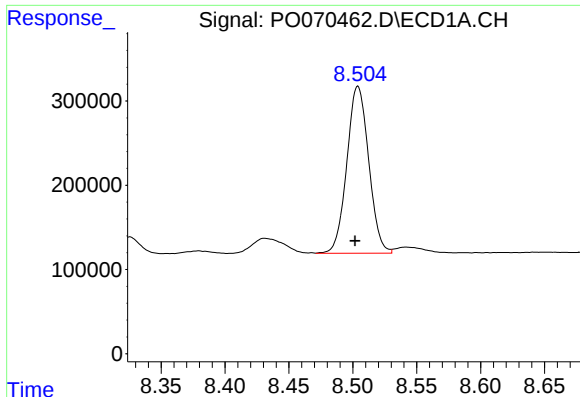
#36 AR-1262-1

R.T.: 7.963 min
Delta R.T.: 0.002 min
Response: 1098314
Conc: 143.40 ng/ml



#36 AR-1262-1

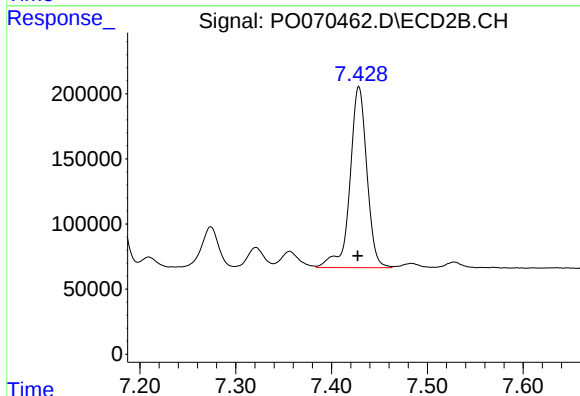
R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 1091502
Conc: 431.78 ng/ml



#37 AR-1262-2

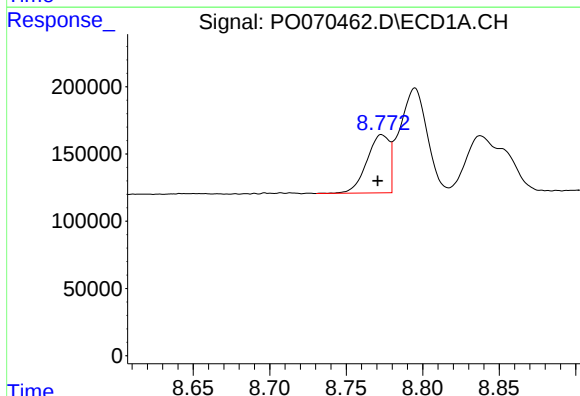
R.T.: 8.504 min
Delta R.T.: 0.002 min
Response: 2361584
Conc: 187.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



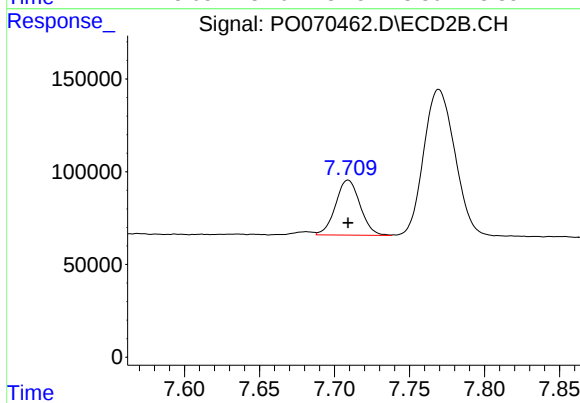
#37 AR-1262-2

R.T.: 7.429 min
Delta R.T.: 0.001 min
Response: 1705828
Conc: 186.22 ng/ml



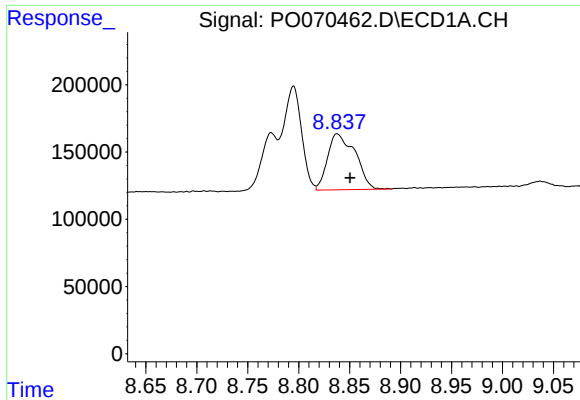
#38 AR-1262-3

R.T.: 8.773 min
Delta R.T.: 0.003 min
Response: 442011
Conc: 77.20 ng/ml



#38 AR-1262-3

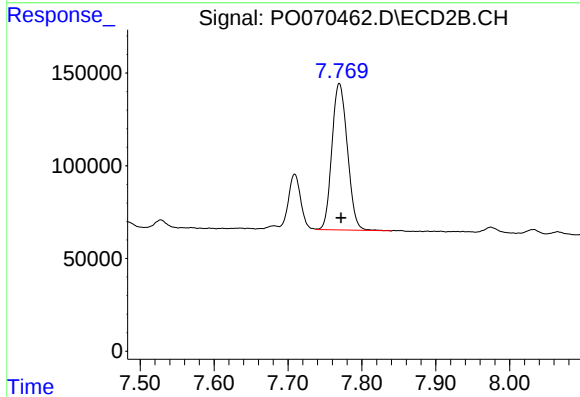
R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 338113
Conc: 92.40 ng/ml



#39 AR-1262-4

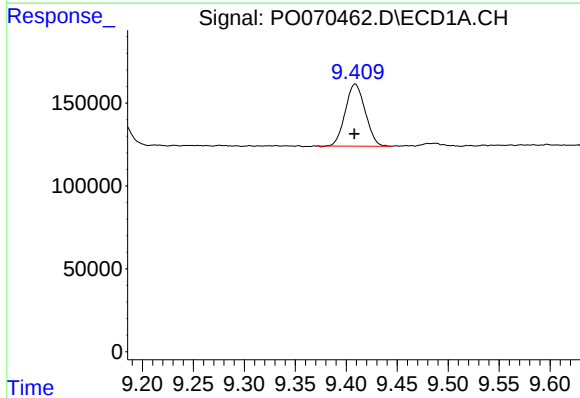
R.T.: 8.838 min
Delta R.T.: -0.013 min
Response: 785190
Conc: 248.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



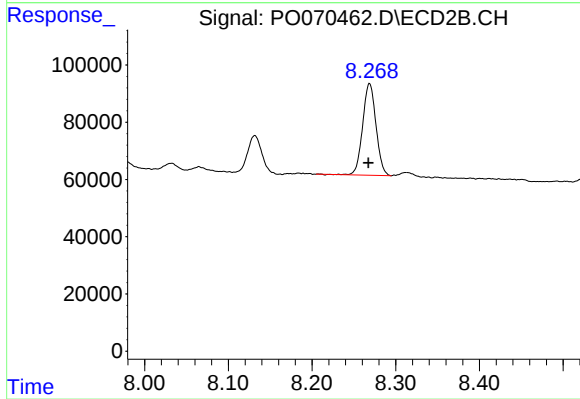
#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: -0.002 min
Response: 1149116
Conc: 182.23 ng/ml



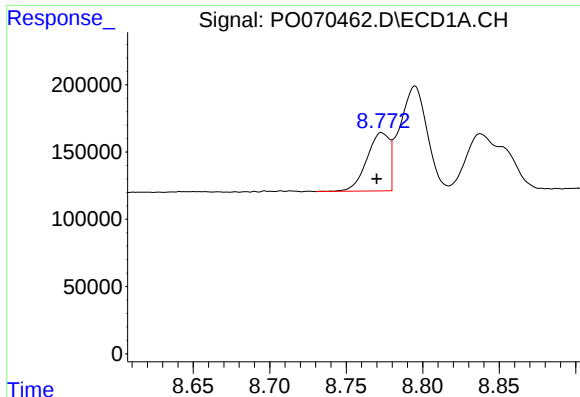
#40 AR-1262-5

R.T.: 9.409 min
Delta R.T.: 0.000 min
Response: 508643
Conc: 123.09 ng/ml



#40 AR-1262-5

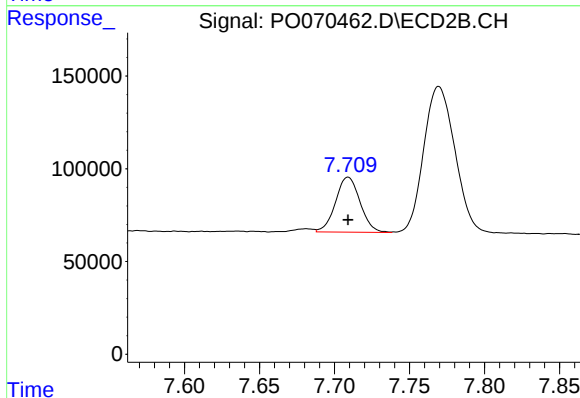
R.T.: 8.269 min
Delta R.T.: 0.001 min
Response: 354958
Conc: 123.68 ng/ml



#41 AR-1268-1

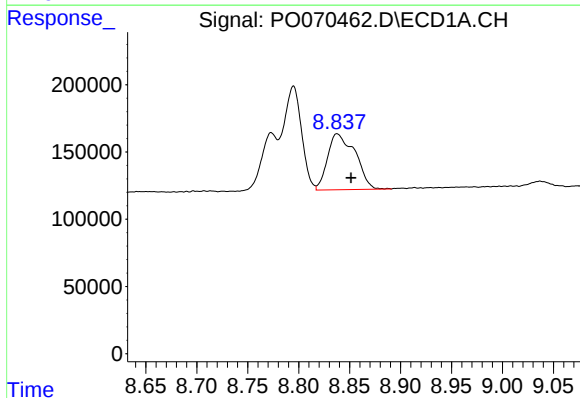
R.T.: 8.773 min
Delta R.T.: 0.003 min
Response: 442011
Conc: 27.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



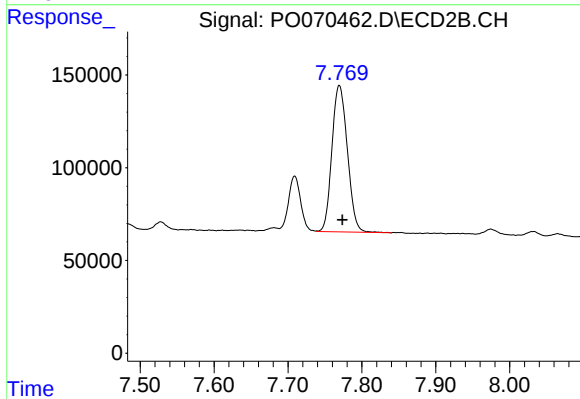
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 338113
Conc: 30.10 ng/ml



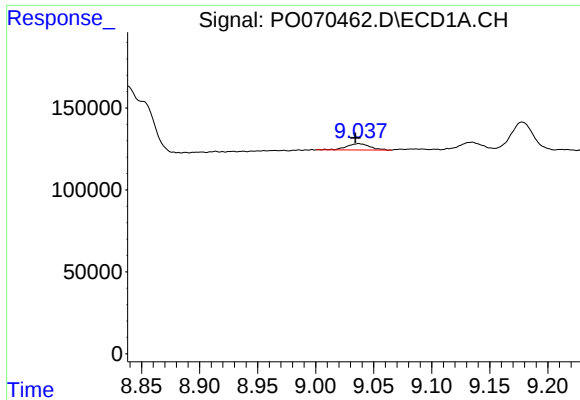
#42 AR-1268-2

R.T.: 8.838 min
Delta R.T.: -0.014 min
Response: 785190
Conc: 57.72 ng/ml



#42 AR-1268-2

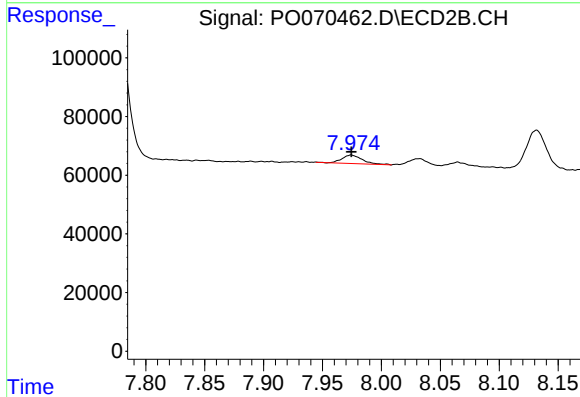
R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 1149116
Conc: 119.12 ng/ml



#43 AR-1268-3

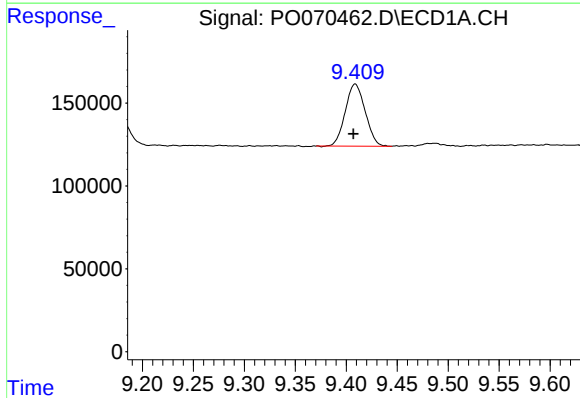
R.T.: 9.037 min
Delta R.T.: 0.003 min
Response: 53441
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



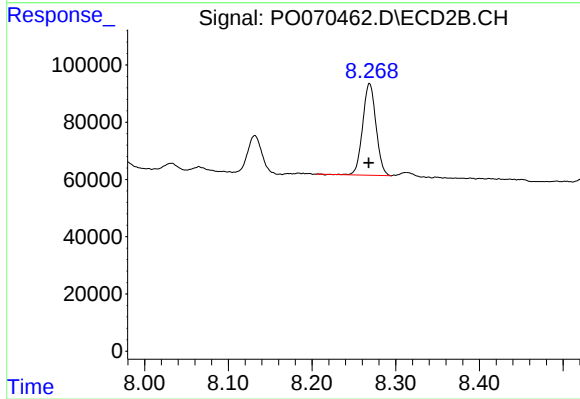
#43 AR-1268-3

R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 34593
Conc: 4.30 ng/ml



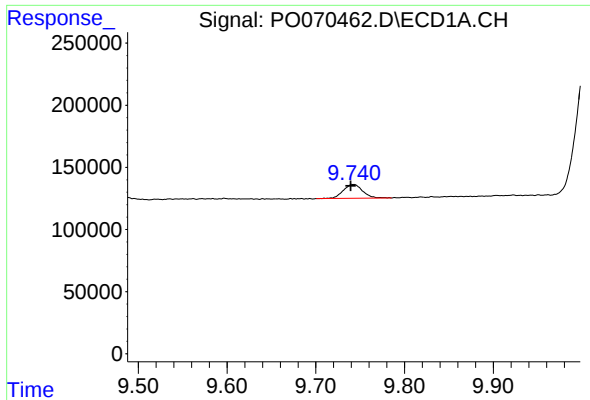
#44 AR-1268-4

R.T.: 9.409 min
Delta R.T.: 0.002 min
Response: 508643
Conc: 105.42 ng/ml



#44 AR-1268-4

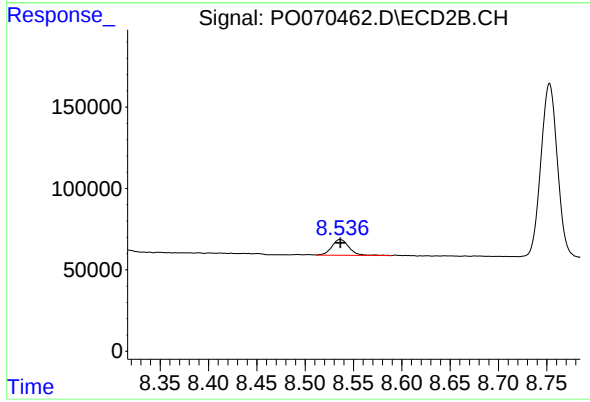
R.T.: 8.269 min
Delta R.T.: 0.001 min
Response: 354958
Conc: 107.96 ng/ml



#45 AR-1268-5

R.T.: 9.742 min
Delta R.T.: 0.003 min
Response: 168625
Conc: 5.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 120596
Conc: 5.51 ng/ml