

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032719\
 Data File : P0054686.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Mar 2019 22:24
 Operator : SM/SJ
 Sample : PB118304BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB118304BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 00:59:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 2019
 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...	4.303	3.619	513319	456589	14.791	14.308
2)	SA Decachlor...	9.918	8.596	821518	581711	16.664	18.265
Target Compounds							
3)	L1 AR-1016-1	5.464	4.698	294071	259562	163.425	164.135
4)	L1 AR-1016-2	5.486	4.718	404614	345043	162.909	161.029
5)	L1 AR-1016-3	5.547	4.893	267340	198096	169.929	163.956
6)	L1 AR-1016-4	5.645	4.933	220244	162946	169.018	161.248
7)	L1 AR-1016-5	5.938	5.146	236835	220978	177.503	169.540
8)	L2 AR-1221-1	0.000	3.832	0	18027	N.D.	46.367 #
9)	L2 AR-1221-2	4.598	3.918	32945	27363	97.150	91.273
10)	L2 AR-1221-3	4.673	3.993	128943	106050	124.130	115.049
11)	L3 AR-1232-1	4.673	3.993	128943	106050	149.766	141.420
12)	L3 AR-1232-2	5.198	4.718	194830	345043	398.313	400.698
13)	L3 AR-1232-3	5.486	4.893	404614	198096	414.011	408.812
14)	L3 AR-1232-4	5.645	4.975	220244	203304	430.288	462.684
15)	L3 AR-1232-5	5.735	5.146	208184	220978	500.445	454.351
16)	L4 AR-1242-1	5.464	4.698	294071	259562	211.670	211.420
17)	L4 AR-1242-2	5.486	4.718	404614	345043	211.456	208.206
18)	L4 AR-1242-3	5.547	4.893	267340	198096	215.692	209.109
19)	L4 AR-1242-4	5.645	4.975	220244	203304	216.021	212.715
20)	L4 AR-1242-5	6.377	5.496	36784	186857	30.472	151.930 #
21)	L5 AR-1248-1	5.464	4.698	294071	259562	294.167	295.704
22)	L5 AR-1248-2	5.735	4.933	208184	162946	143.347	134.828
23)	L5 AR-1248-3	5.938	4.975	236835	203304	148.285	162.931
24)	L5 AR-1248-4	6.338	5.146	38984	220978	20.752	145.096 #
25)	L5 AR-1248-5	6.377	5.537	36784	31029	20.518	20.813
26)	L6 AR-1254-1	6.312	5.496	194006	186857	106.998	85.500
27)	L6 AR-1254-2	6.529	5.642	219899	187789	77.029	96.850 #
28)	L6 AR-1254-3	6.895	6.059	133571	345280	42.475	107.708 #
29)	L6 AR-1254-4	7.179	6.271	85010	40053	34.750	20.457 #
30)	L6 AR-1254-5	7.595	6.686	752436	659572	280.728	229.440
31)	L7 AR-1260-1	7.057	6.173	525002	474693	208.944	206.562
32)	L7 AR-1260-2	7.313	6.359	631615	580065	203.515	210.722
33)	L7 AR-1260-3	7.671	6.513	408313	539700	166.362	209.356 #
34)	L7 AR-1260-4	7.894	6.983	497440	390783	179.840	183.624
35)	L7 AR-1260-5	8.205	7.222	881030	852242	158.784	177.947
36)	L8 AR-1262-1	7.671	6.724	408313	425375	122.540	142.985
37)	L8 AR-1262-2	8.205	7.222	881030	852242	148.712	173.886
38)	L8 AR-1262-3	8.517	7.505	581002	170967	140.244	83.258 #
39)	L8 AR-1262-4	8.568	7.568	314289	604416	97.546	166.868 #
40)	L8 AR-1262-5	9.212	8.060	203049	173350	92.874	107.412
41)	L9 AR-1268-1	8.517	7.505	581002	170967	81.630	30.237 #

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 ALS Vial : 26 Sample Multiplier: 1

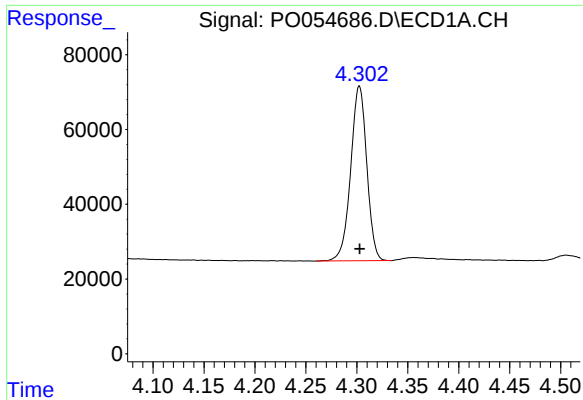
Instrument :
 ECD_O
 ClientSampleId :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 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	8.568	7.568	314289	604416	47.968	116.873 #
43) L9	AR-1268-3	0.000	7.776	0	16098	N.D.	3.741 #
44) L9	AR-1268-4	9.212	8.060	203049	173350	85.108	93.508
45) L9	AR-1268-5	9.601	8.346	73507	56929	4.462	5.001

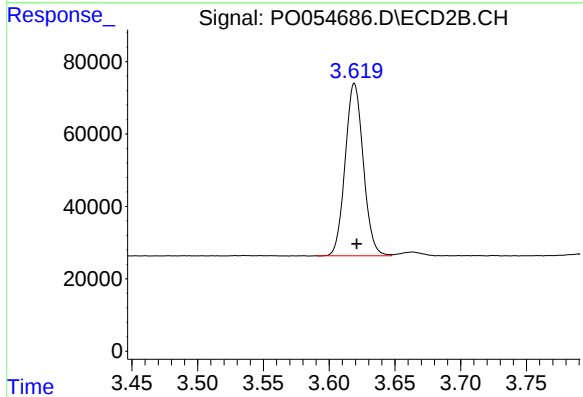
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

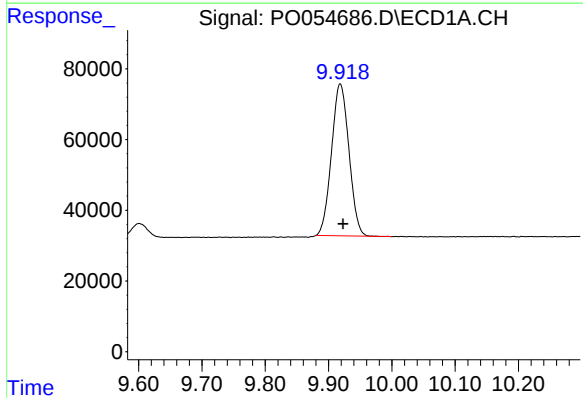
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 513319
Conc: 14.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



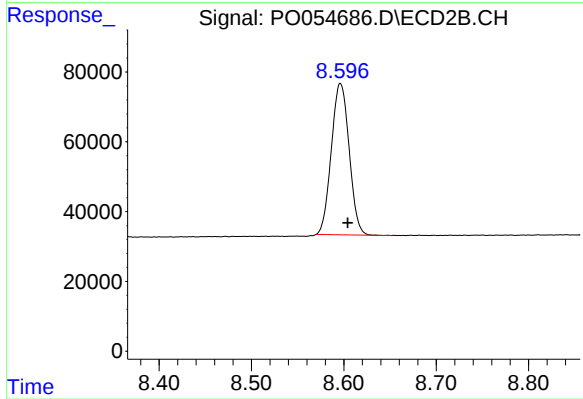
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 456589
Conc: 14.31 ng/ml



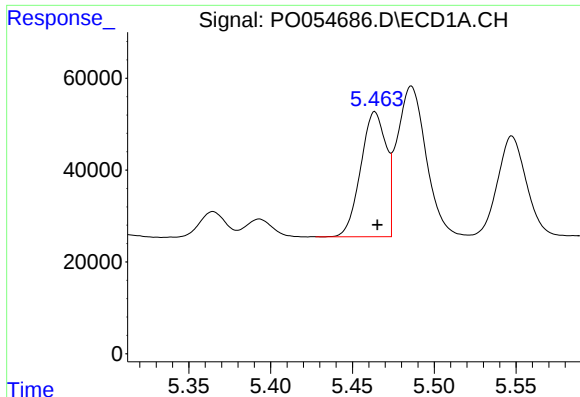
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.005 min
Response: 821518
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

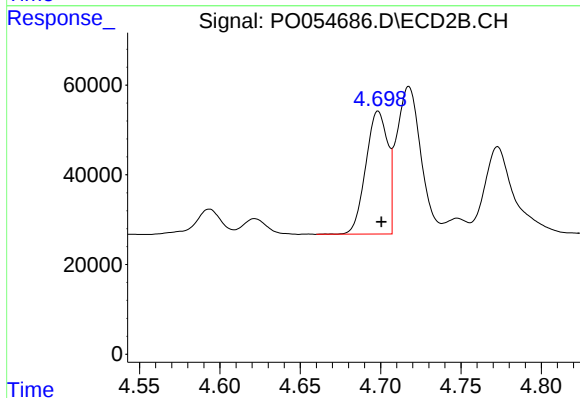
R.T.: 8.596 min
Delta R.T.: -0.008 min
Response: 581711
Conc: 18.27 ng/ml



#3 AR-1016-1

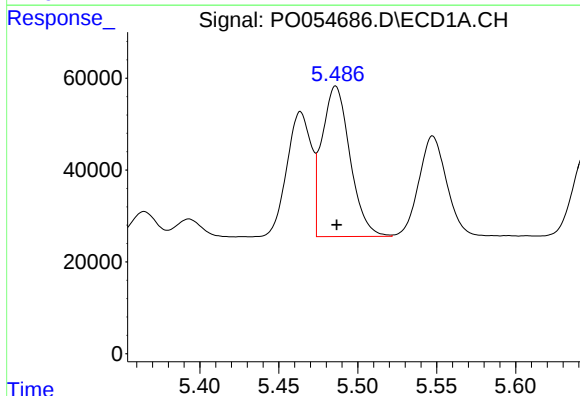
R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 294071
Conc: 163.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



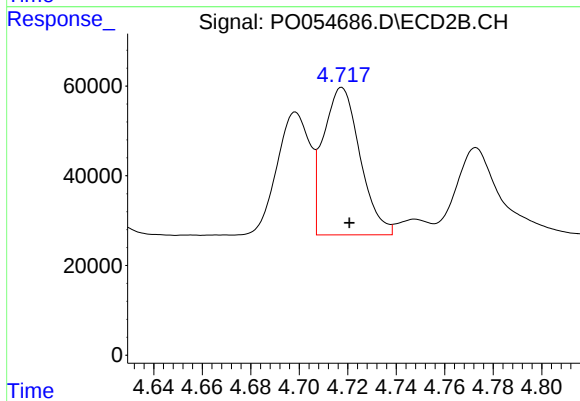
#3 AR-1016-1

R.T.: 4.698 min
Delta R.T.: -0.002 min
Response: 259562
Conc: 164.13 ng/ml



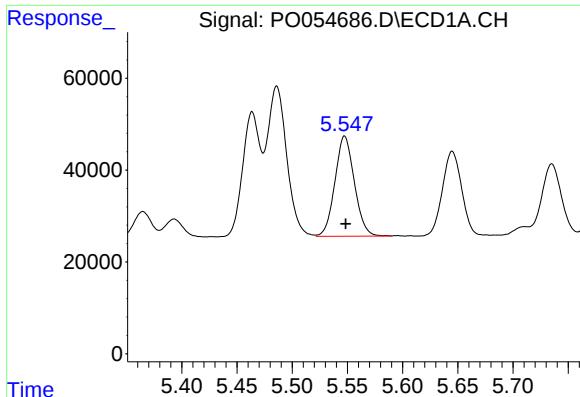
#4 AR-1016-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 404614
Conc: 162.91 ng/ml



#4 AR-1016-2

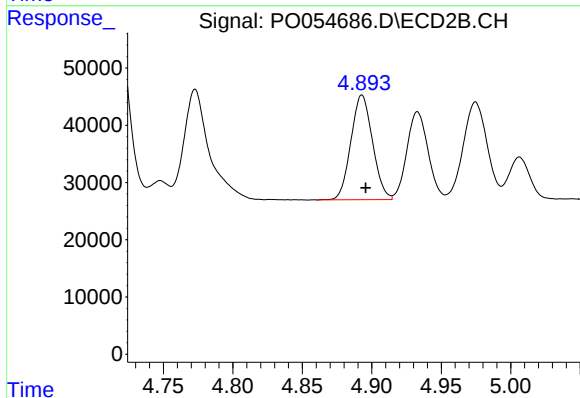
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 345043
Conc: 161.03 ng/ml



#5 AR-1016-3

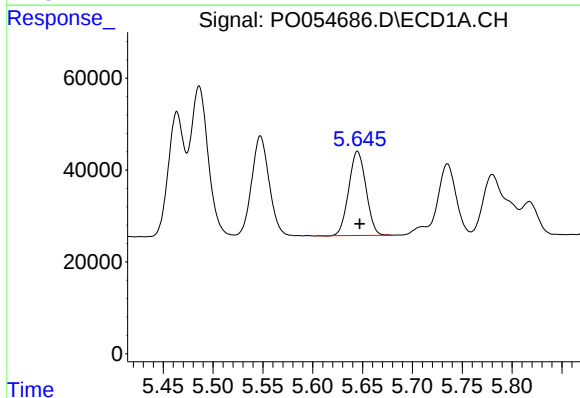
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 267340
Conc: 169.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



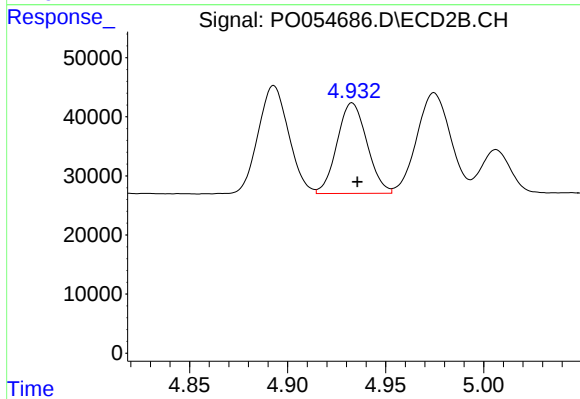
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 198096
Conc: 163.96 ng/ml



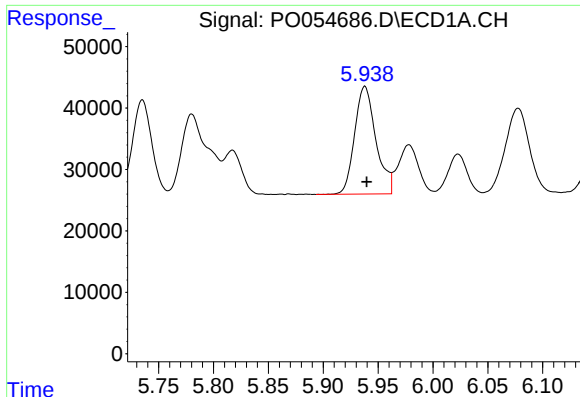
#6 AR-1016-4

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 220244
Conc: 169.02 ng/ml



#6 AR-1016-4

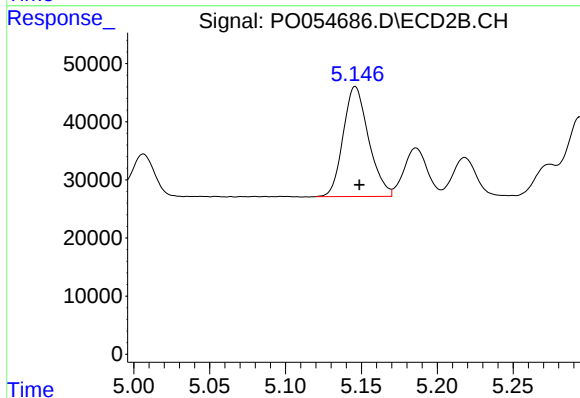
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 162946
Conc: 161.25 ng/ml



#7 AR-1016-5

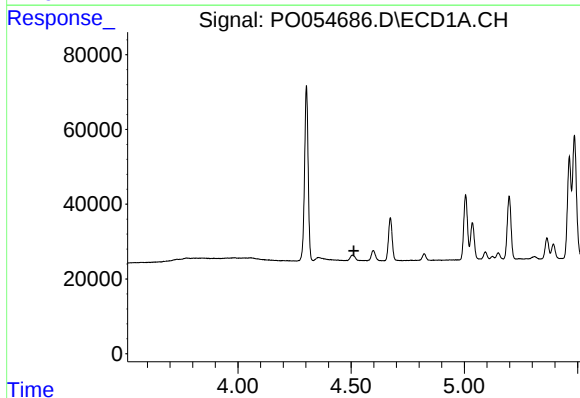
R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 236835
Conc: 177.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



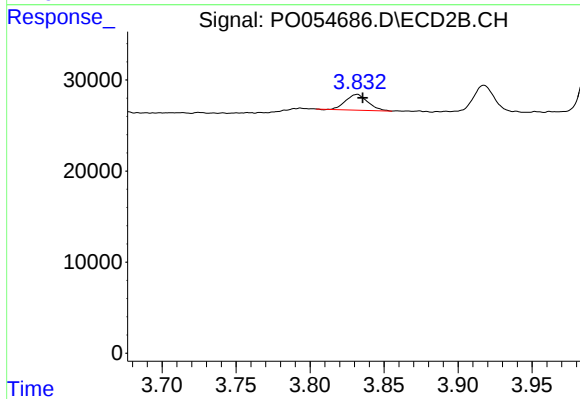
#7 AR-1016-5

R.T.: 5.146 min
Delta R.T.: -0.003 min
Response: 220978
Conc: 169.54 ng/ml



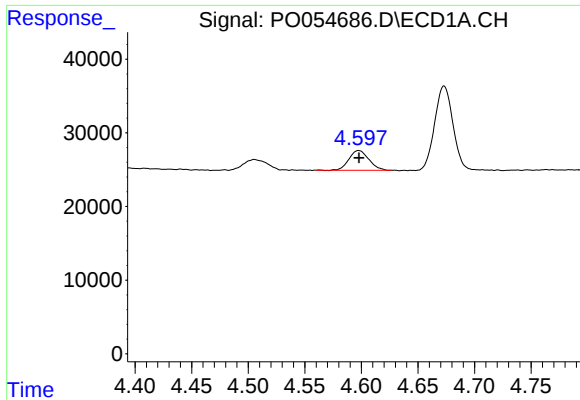
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.512 min
Response: 0
Conc: N.D.



#8 AR-1221-1

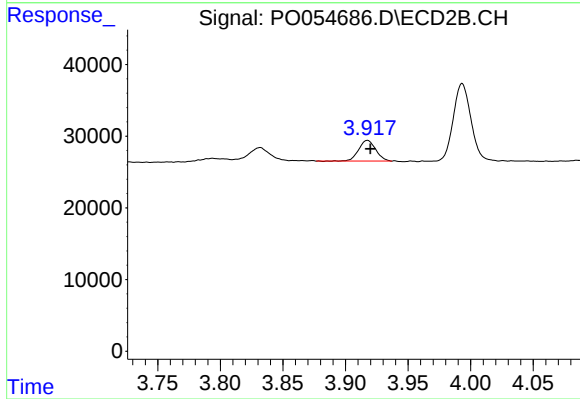
R.T.: 3.832 min
Delta R.T.: -0.003 min
Response: 18027
Conc: 46.37 ng/ml



#9 AR-1221-2

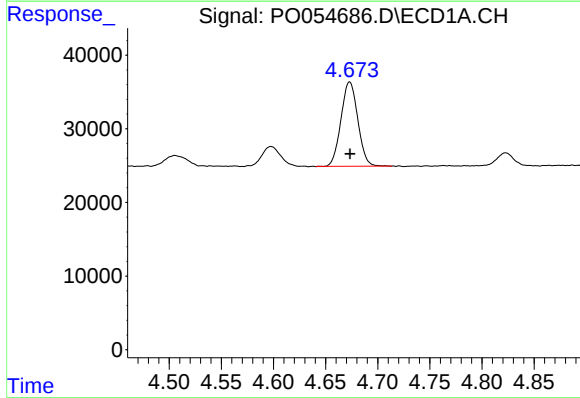
R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 32945
Conc: 97.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



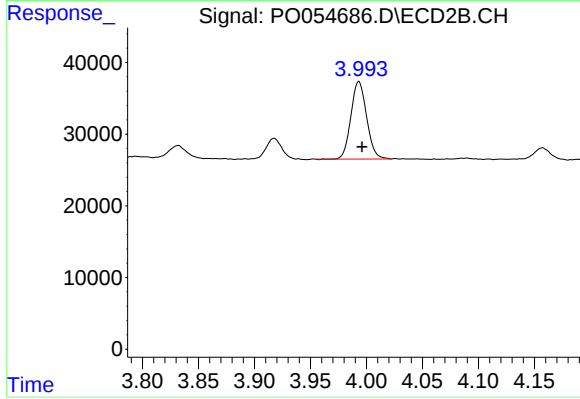
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.002 min
Response: 27363
Conc: 91.27 ng/ml



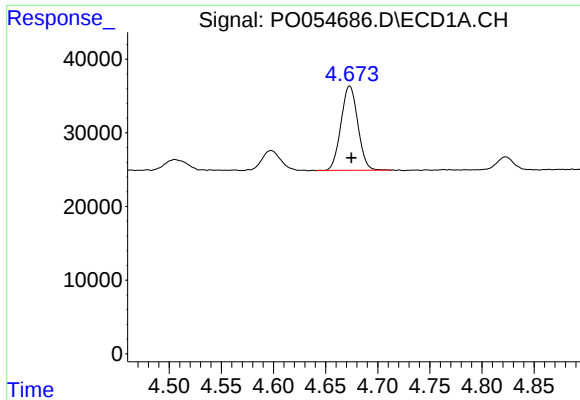
#10 AR-1221-3

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 128943
Conc: 124.13 ng/ml



#10 AR-1221-3

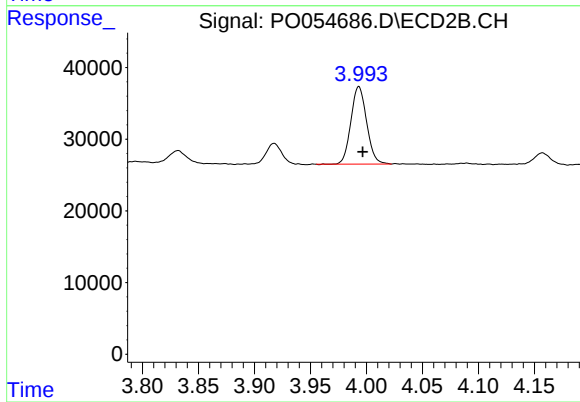
R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 106050
Conc: 115.05 ng/ml



#11 AR-1232-1

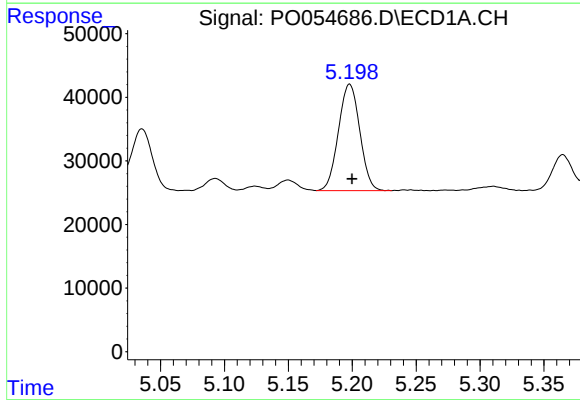
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 128943
Conc: 149.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



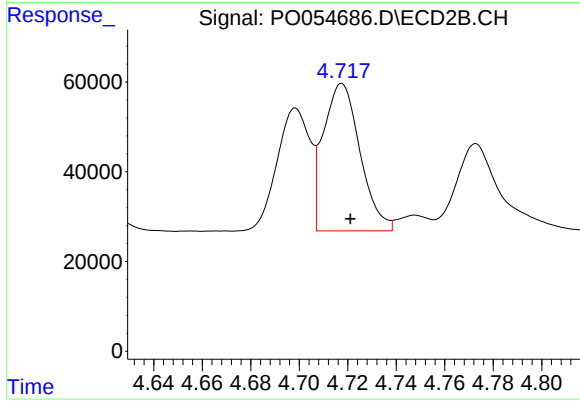
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 106050
Conc: 141.42 ng/ml



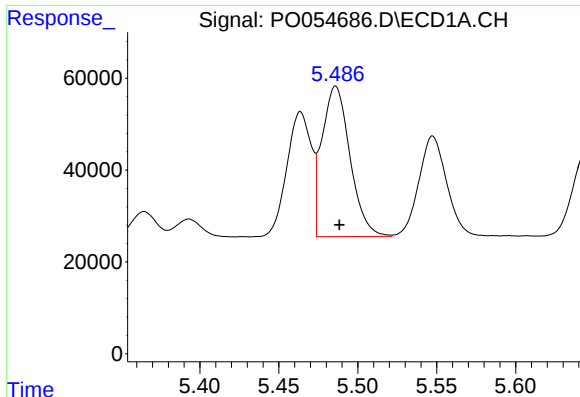
#12 AR-1232-2

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 194830
Conc: 398.31 ng/ml



#12 AR-1232-2

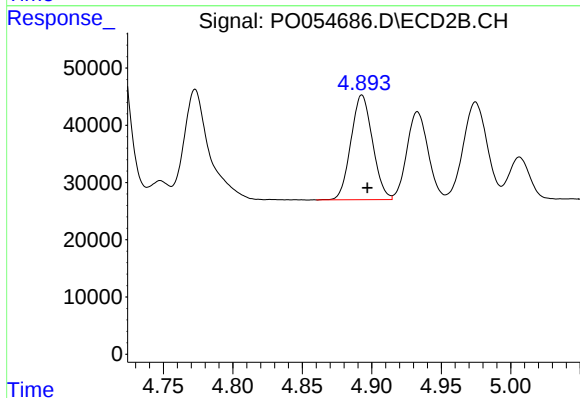
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 345043
Conc: 400.70 ng/ml



#13 AR-1232-3

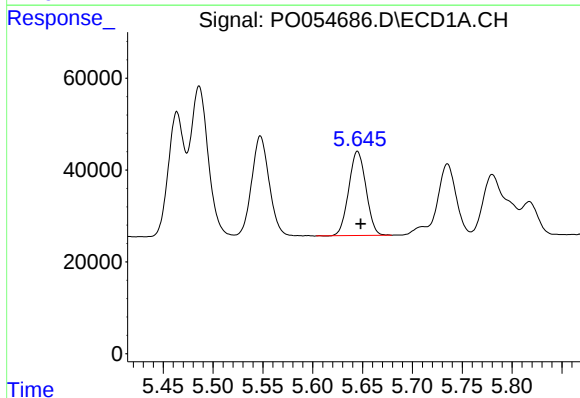
R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 404614
Conc: 414.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



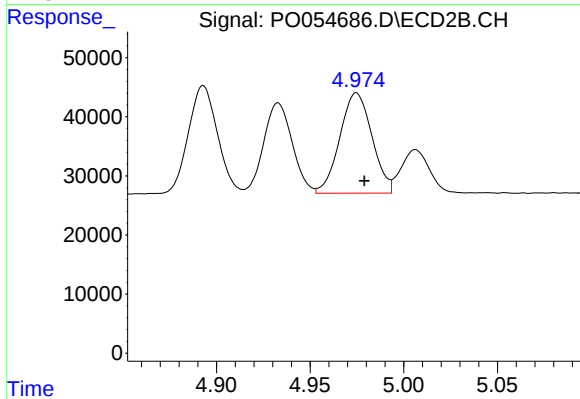
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 198096
Conc: 408.81 ng/ml



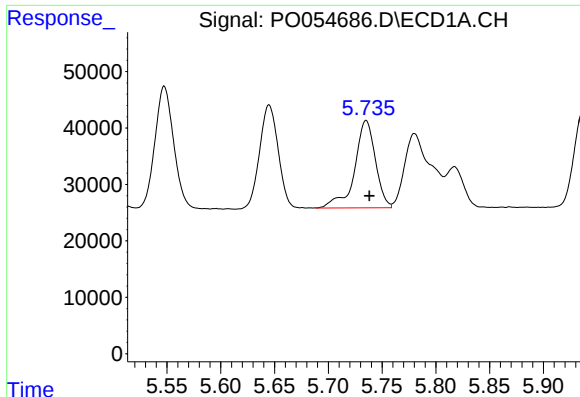
#14 AR-1232-4

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 220244
Conc: 430.29 ng/ml



#14 AR-1232-4

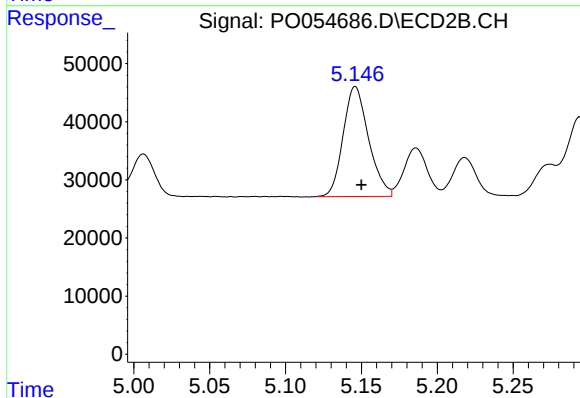
R.T.: 4.975 min
Delta R.T.: -0.004 min
Response: 203304
Conc: 462.68 ng/ml



#15 AR-1232-5

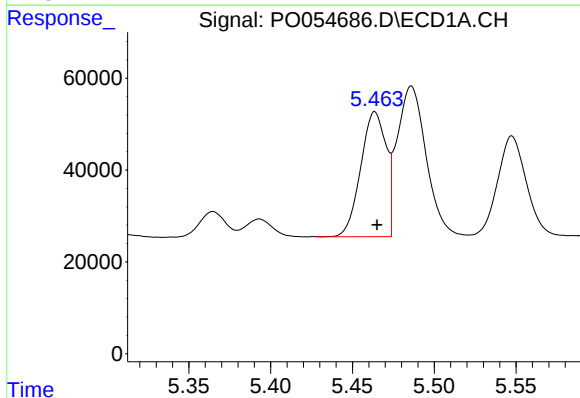
R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 208184
Conc: 500.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
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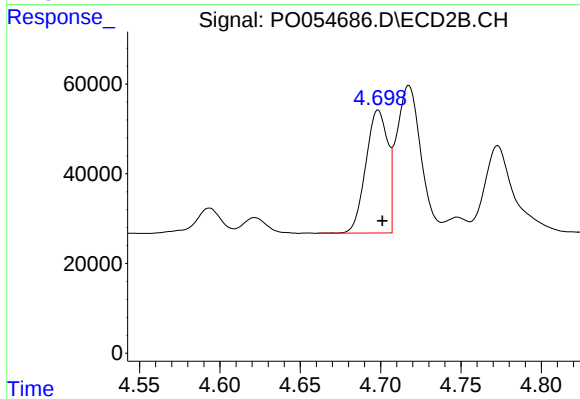
#15 AR-1232-5

R.T.: 5.146 min
Delta R.T.: -0.004 min
Response: 220978
Conc: 454.35 ng/ml



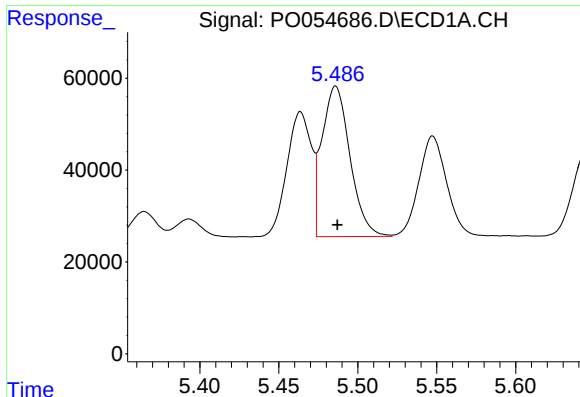
#16 AR-1242-1

R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 294071
Conc: 211.67 ng/ml



#16 AR-1242-1

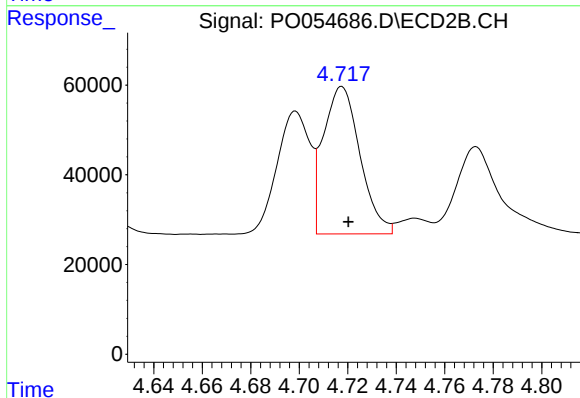
R.T.: 4.698 min
Delta R.T.: -0.003 min
Response: 259562
Conc: 211.42 ng/ml



#17 AR-1242-2

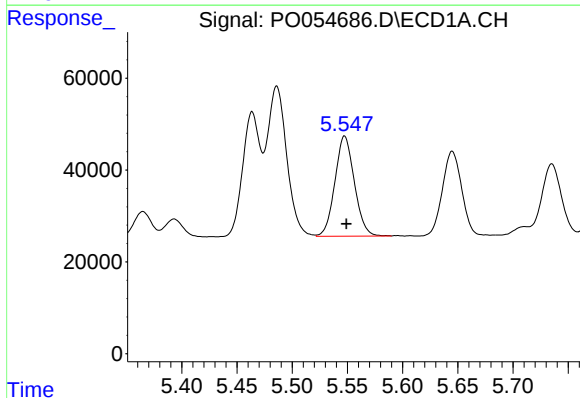
R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 404614
Conc: 211.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



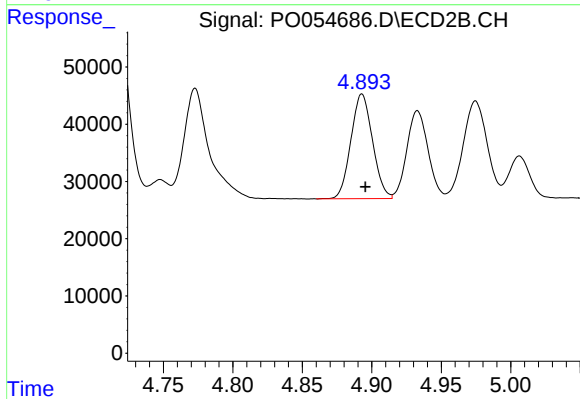
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 345043
Conc: 208.21 ng/ml



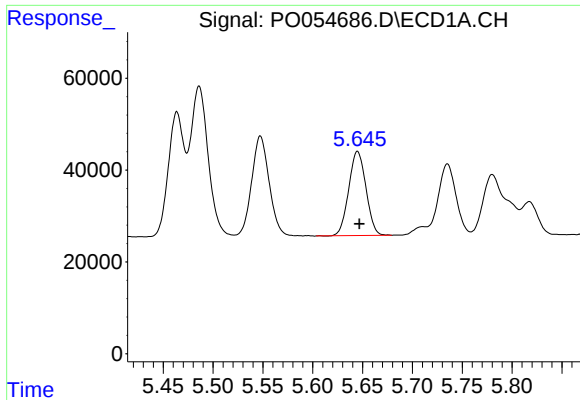
#18 AR-1242-3

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 267340
Conc: 215.69 ng/ml



#18 AR-1242-3

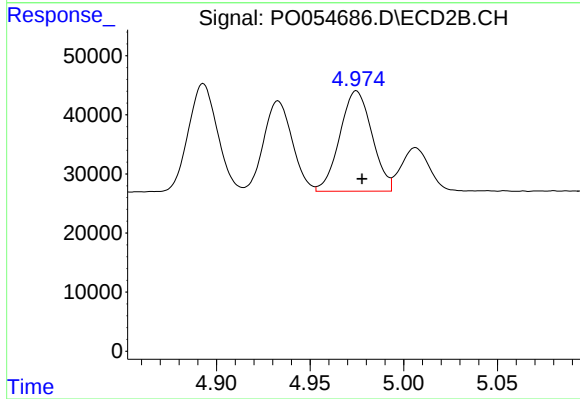
R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 198096
Conc: 209.11 ng/ml



#19 AR-1242-4

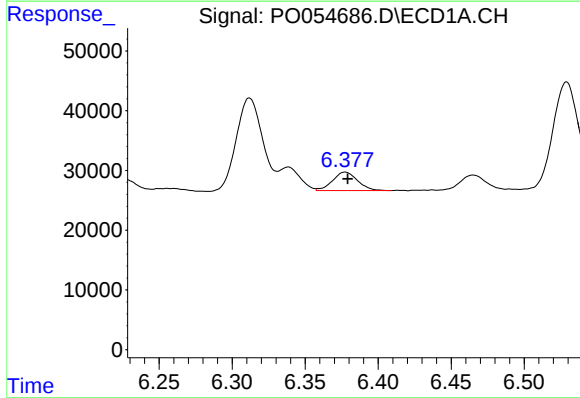
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 220244
Conc: 216.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



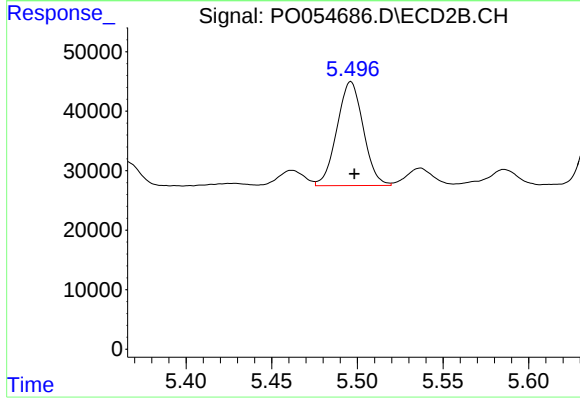
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.003 min
Response: 203304
Conc: 212.72 ng/ml



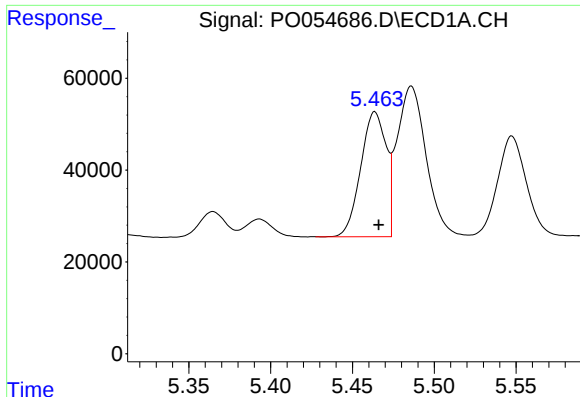
#20 AR-1242-5

R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 36784
Conc: 30.47 ng/ml



#20 AR-1242-5

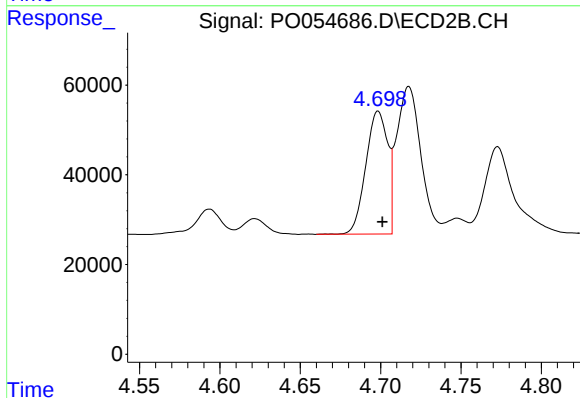
R.T.: 5.496 min
Delta R.T.: -0.002 min
Response: 186857
Conc: 151.93 ng/ml



#21 AR-1248-1

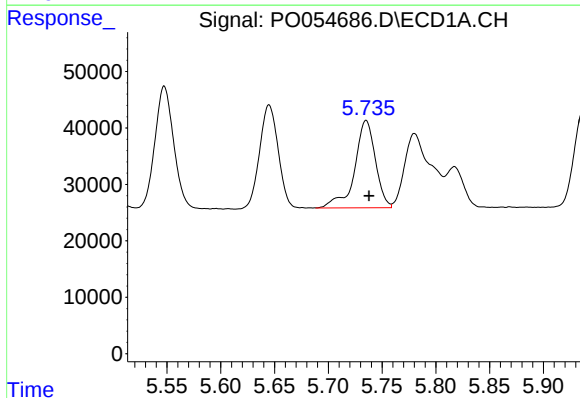
R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 294071
Conc: 294.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



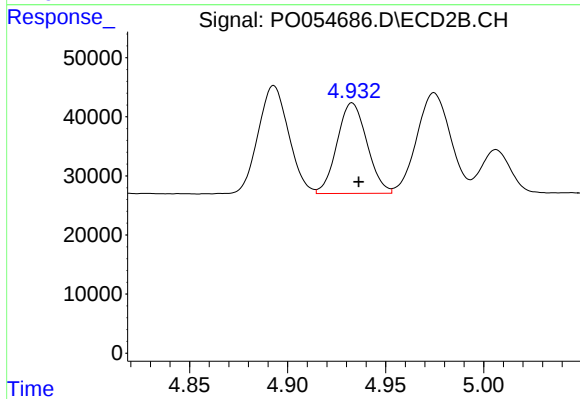
#21 AR-1248-1

R.T.: 4.698 min
Delta R.T.: -0.003 min
Response: 259562
Conc: 295.70 ng/ml



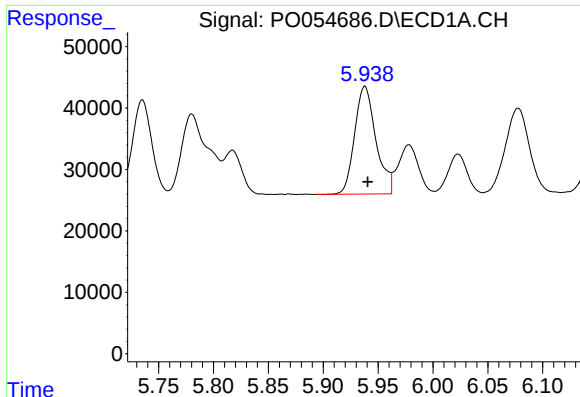
#22 AR-1248-2

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 208184
Conc: 143.35 ng/ml



#22 AR-1248-2

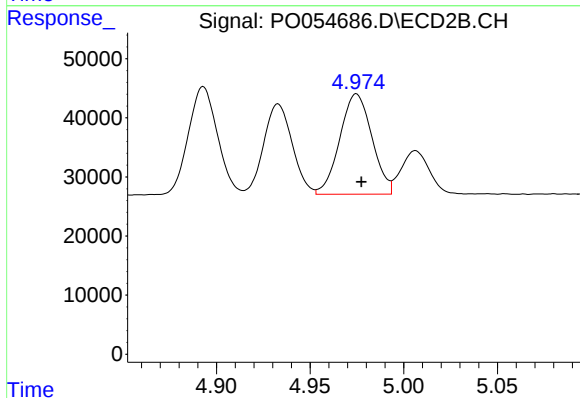
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 162946
Conc: 134.83 ng/ml



#23 AR-1248-3

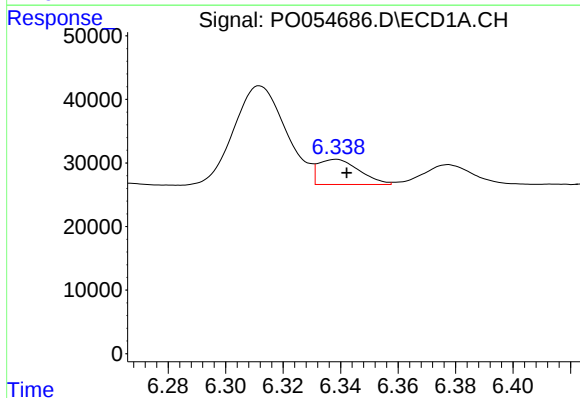
R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 236835
Conc: 148.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



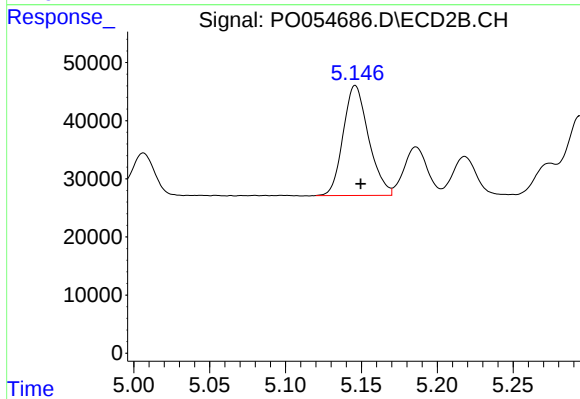
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.003 min
Response: 203304
Conc: 162.93 ng/ml



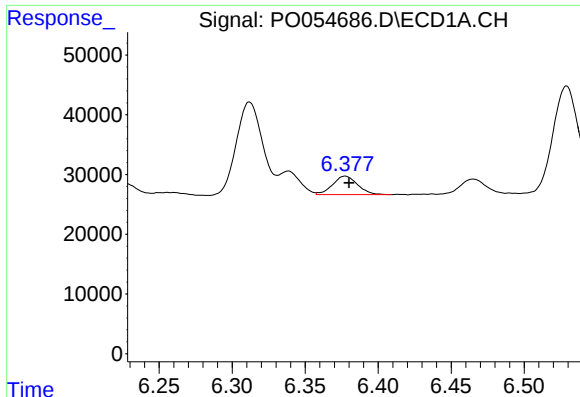
#24 AR-1248-4

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 38984
Conc: 20.75 ng/ml



#24 AR-1248-4

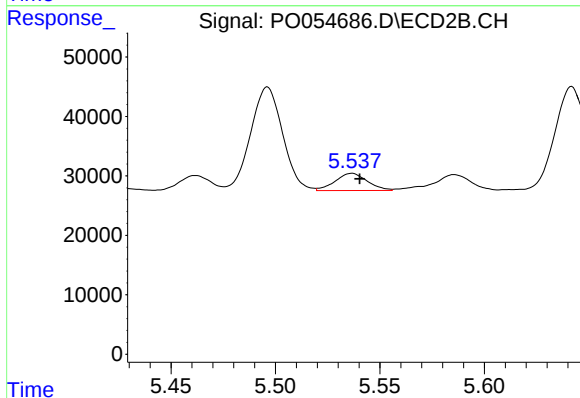
R.T.: 5.146 min
Delta R.T.: -0.003 min
Response: 220978
Conc: 145.10 ng/ml



#25 AR-1248-5

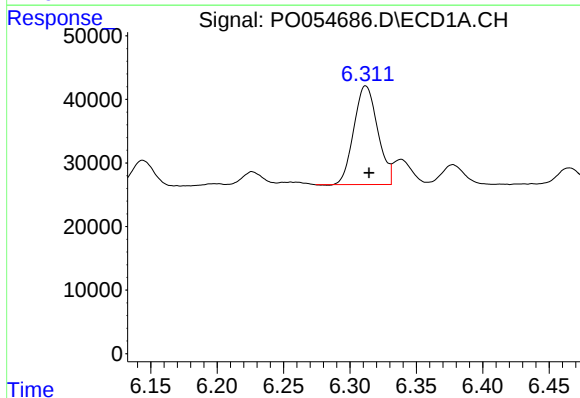
R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 36784
Conc: 20.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



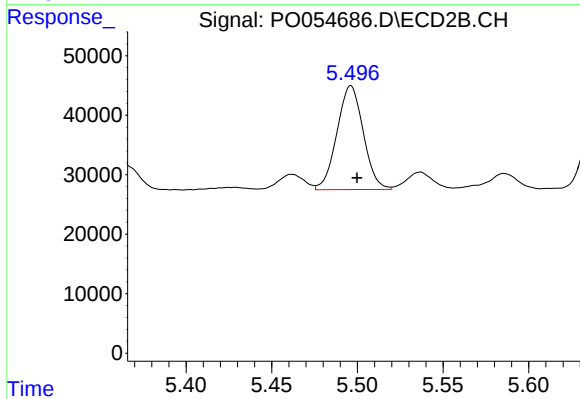
#25 AR-1248-5

R.T.: 5.537 min
Delta R.T.: -0.004 min
Response: 31029
Conc: 20.81 ng/ml



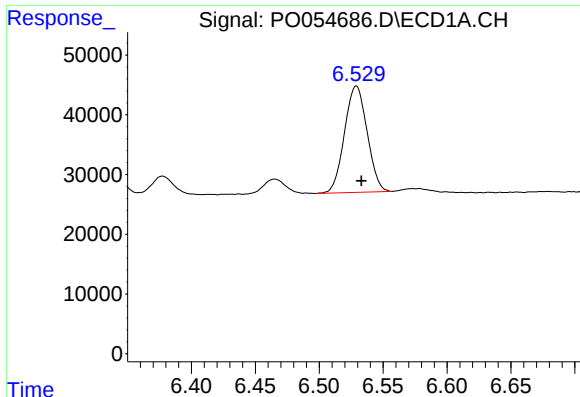
#26 AR-1254-1

R.T.: 6.312 min
Delta R.T.: -0.003 min
Response: 194006
Conc: 107.00 ng/ml



#26 AR-1254-1

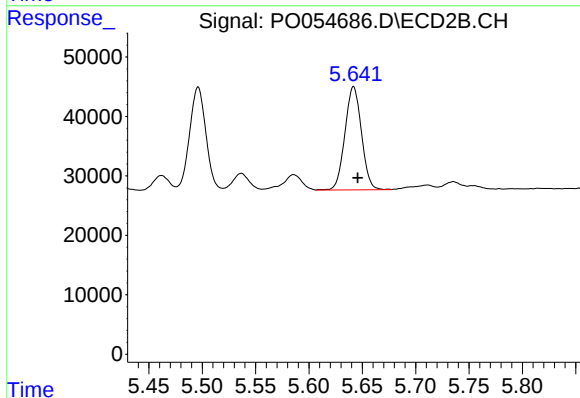
R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 186857
Conc: 85.50 ng/ml



#27 AR-1254-2

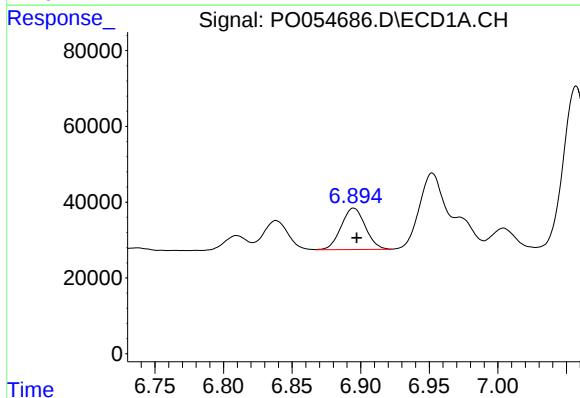
R.T.: 6.529 min
Delta R.T.: -0.004 min
Response: 219899
Conc: 77.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



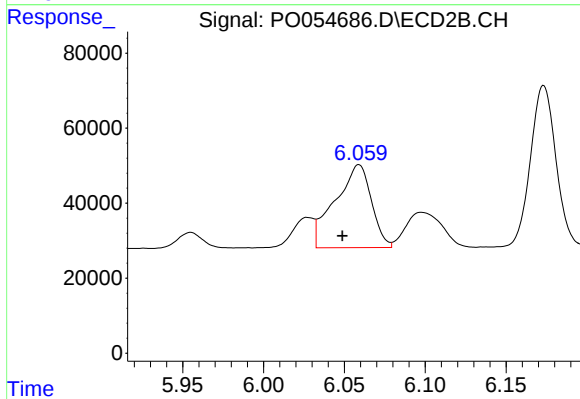
#27 AR-1254-2

R.T.: 5.642 min
Delta R.T.: -0.004 min
Response: 187789
Conc: 96.85 ng/ml



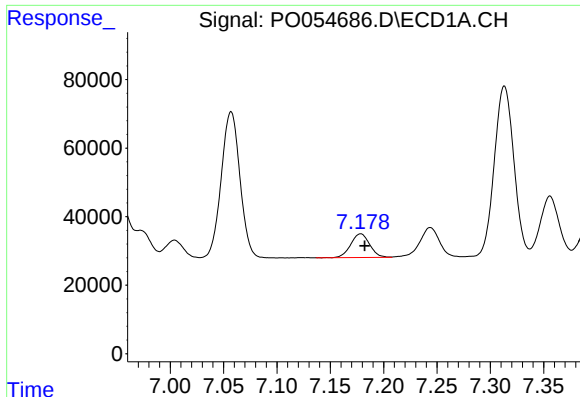
#28 AR-1254-3

R.T.: 6.895 min
Delta R.T.: -0.002 min
Response: 133571
Conc: 42.47 ng/ml



#28 AR-1254-3

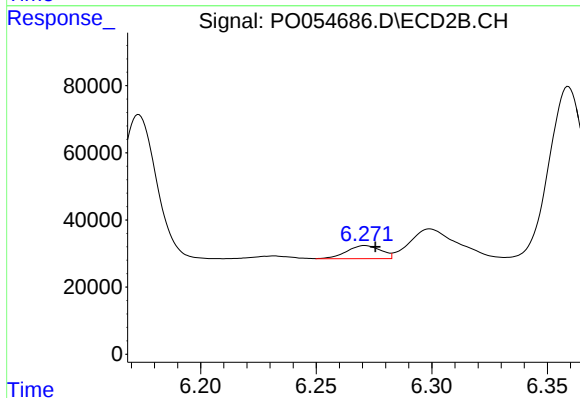
R.T.: 6.059 min
Delta R.T.: 0.010 min
Response: 345280
Conc: 107.71 ng/ml



#29 AR-1254-4

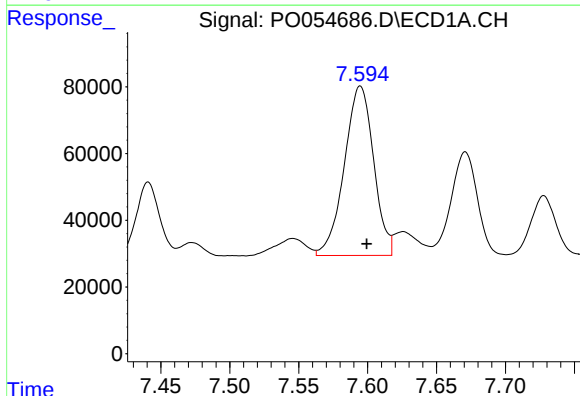
R.T.: 7.179 min
Delta R.T.: -0.004 min
Response: 85010
Conc: 34.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



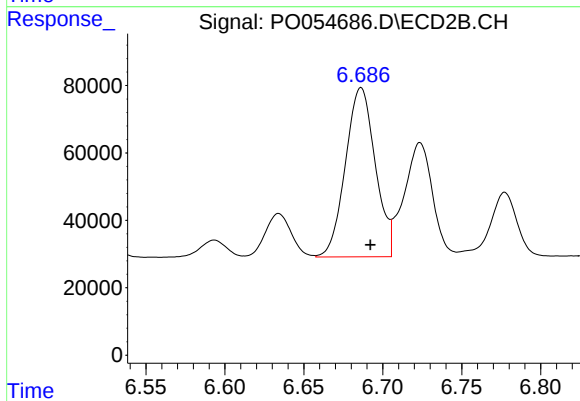
#29 AR-1254-4

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 40053
Conc: 20.46 ng/ml



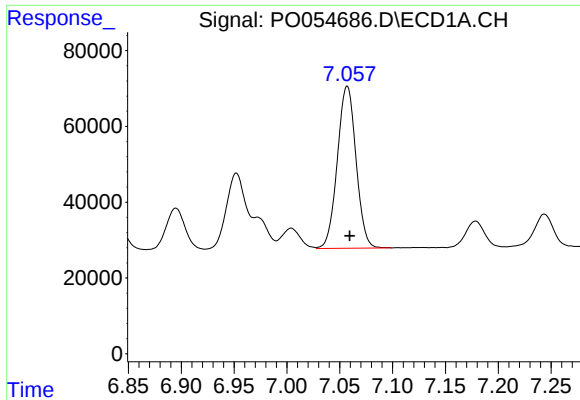
#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: -0.005 min
Response: 752436
Conc: 280.73 ng/ml



#30 AR-1254-5

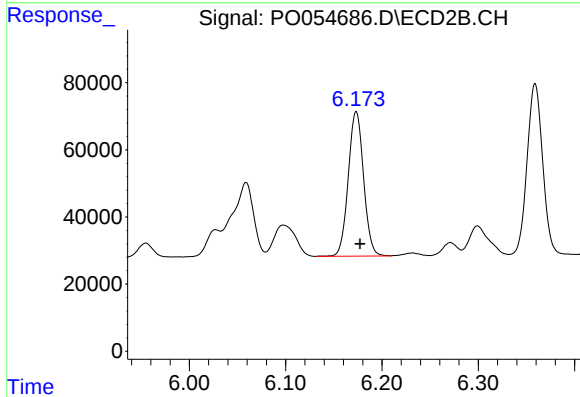
R.T.: 6.686 min
Delta R.T.: -0.006 min
Response: 659572
Conc: 229.44 ng/ml



#31 AR-1260-1

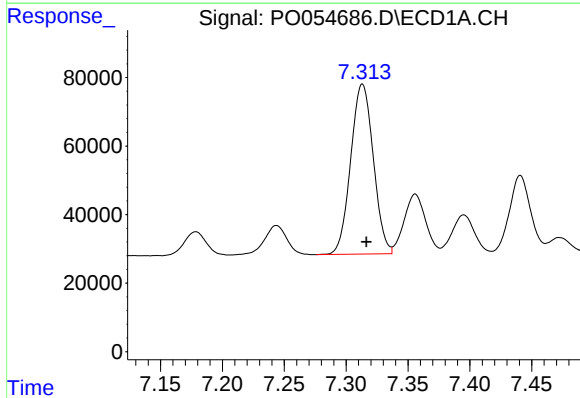
R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 525002
Conc: 208.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



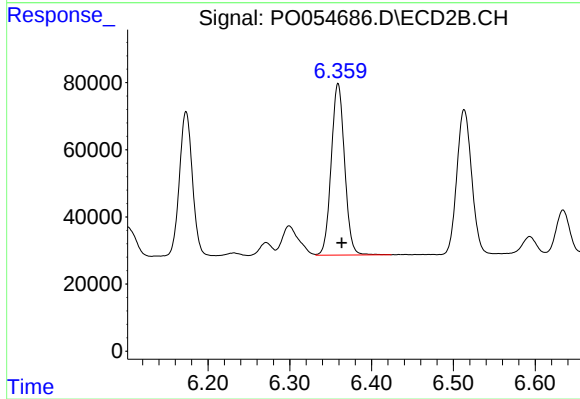
#31 AR-1260-1

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 474693
Conc: 206.56 ng/ml



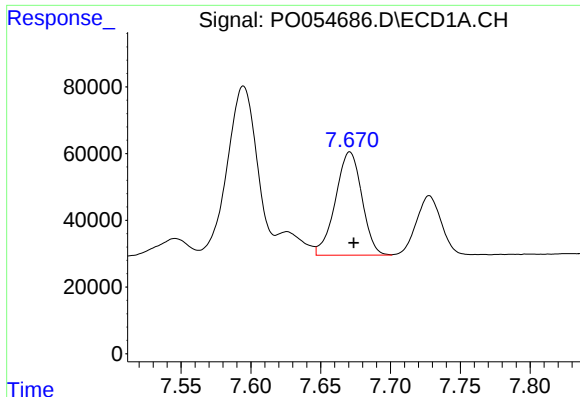
#32 AR-1260-2

R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 631615
Conc: 203.52 ng/ml



#32 AR-1260-2

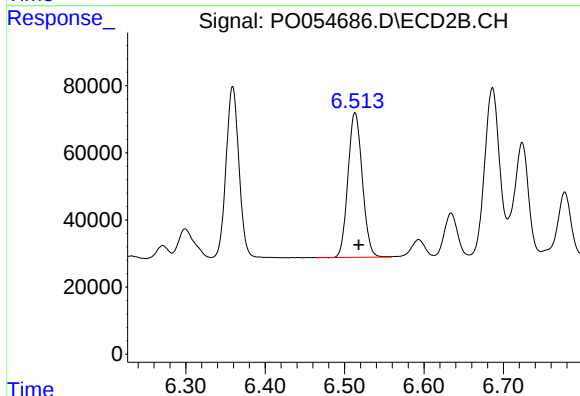
R.T.: 6.359 min
Delta R.T.: -0.004 min
Response: 580065
Conc: 210.72 ng/ml



#33 AR-1260-3

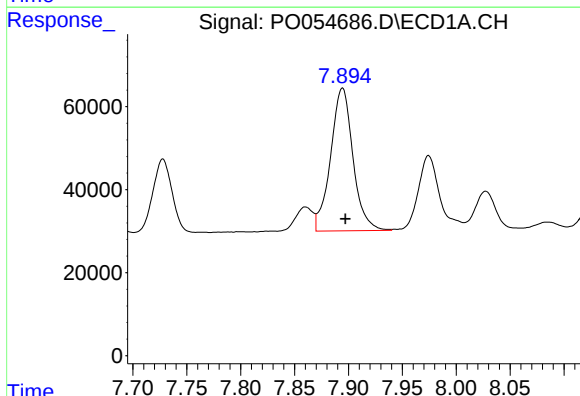
R.T.: 7.671 min
Delta R.T.: -0.003 min
Response: 408313
Conc: 166.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



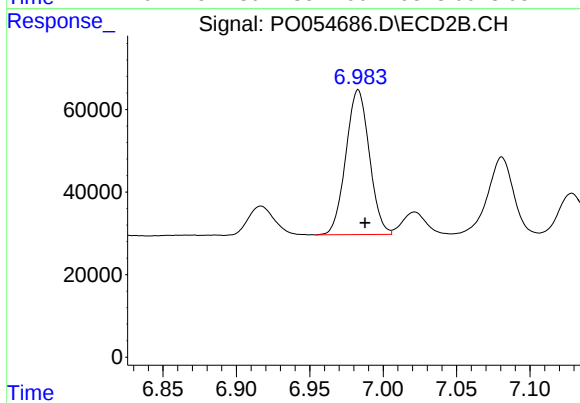
#33 AR-1260-3

R.T.: 6.513 min
Delta R.T.: -0.005 min
Response: 539700
Conc: 209.36 ng/ml



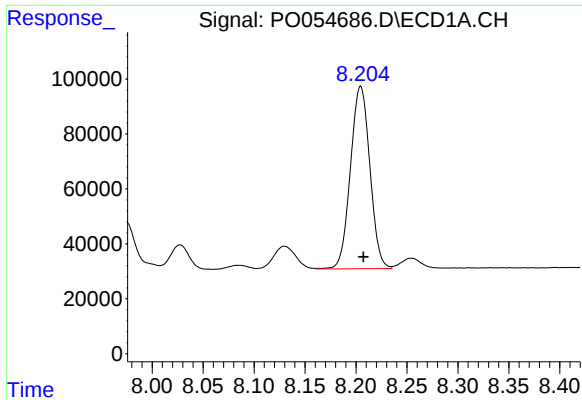
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 497440
Conc: 179.84 ng/ml



#34 AR-1260-4

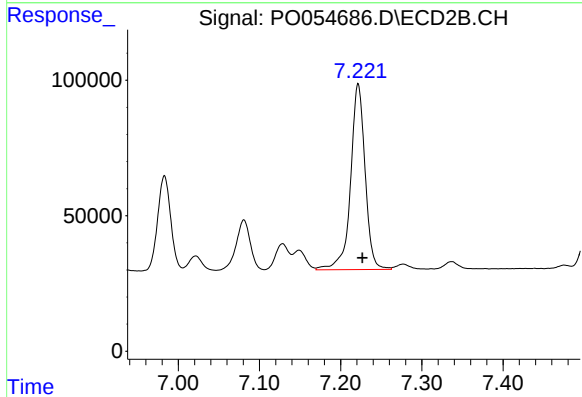
R.T.: 6.983 min
Delta R.T.: -0.005 min
Response: 390783
Conc: 183.62 ng/ml



#35 AR-1260-5

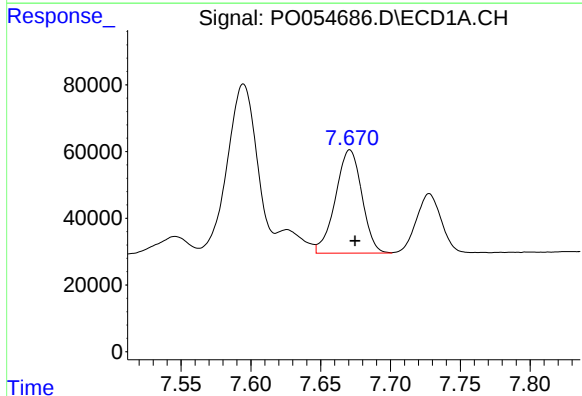
R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 881030
Conc: 158.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



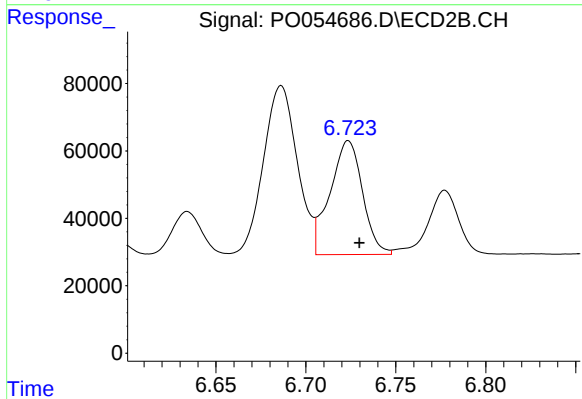
#35 AR-1260-5

R.T.: 7.222 min
Delta R.T.: -0.005 min
Response: 852242
Conc: 177.95 ng/ml



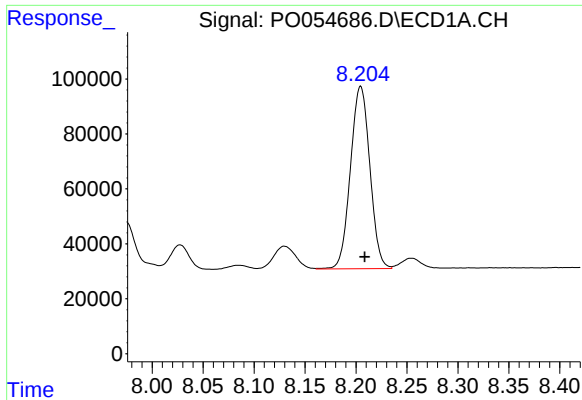
#36 AR-1262-1

R.T.: 7.671 min
Delta R.T.: -0.004 min
Response: 408313
Conc: 122.54 ng/ml



#36 AR-1262-1

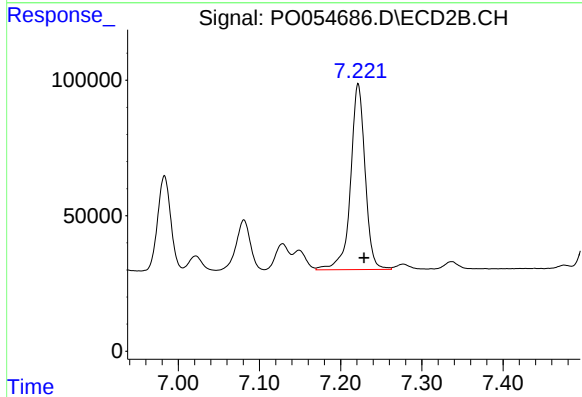
R.T.: 6.724 min
Delta R.T.: -0.006 min
Response: 425375
Conc: 142.99 ng/ml



#37 AR-1262-2

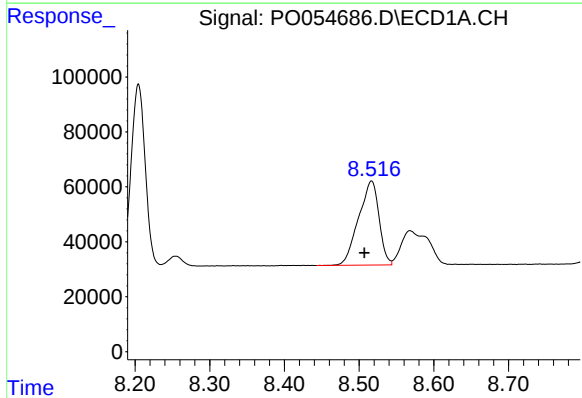
R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 881030
Conc: 148.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



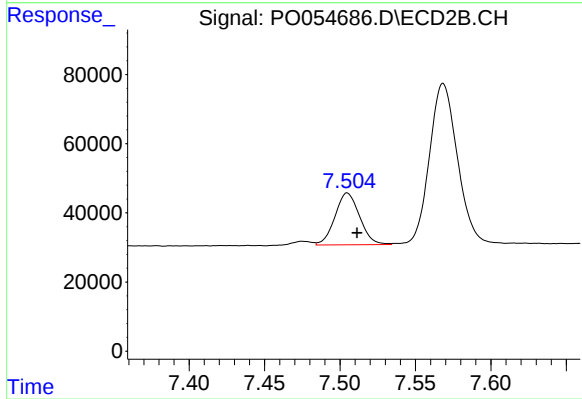
#37 AR-1262-2

R.T.: 7.222 min
Delta R.T.: -0.007 min
Response: 852242
Conc: 173.89 ng/ml



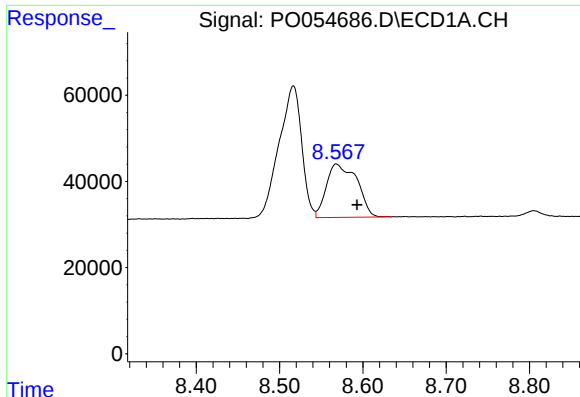
#38 AR-1262-3

R.T.: 8.517 min
Delta R.T.: 0.010 min
Response: 581002
Conc: 140.24 ng/ml



#38 AR-1262-3

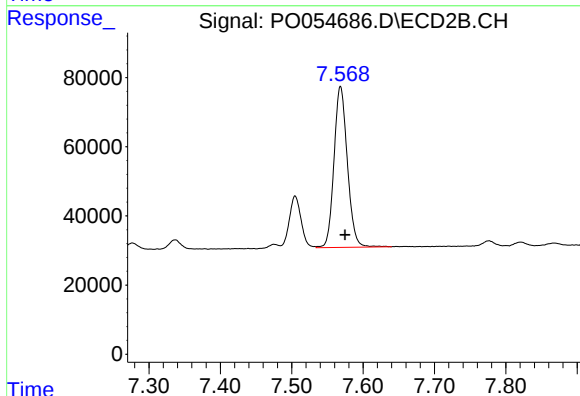
R.T.: 7.505 min
Delta R.T.: -0.006 min
Response: 170967
Conc: 83.26 ng/ml



#39 AR-1262-4

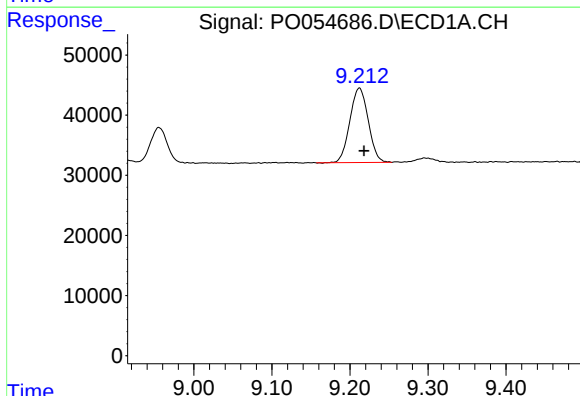
R.T.: 8.568 min
Delta R.T.: -0.025 min
Response: 314289
Conc: 97.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



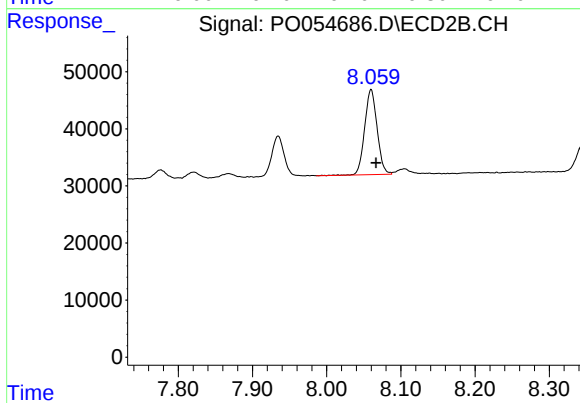
#39 AR-1262-4

R.T.: 7.568 min
Delta R.T.: -0.007 min
Response: 604416
Conc: 166.87 ng/ml



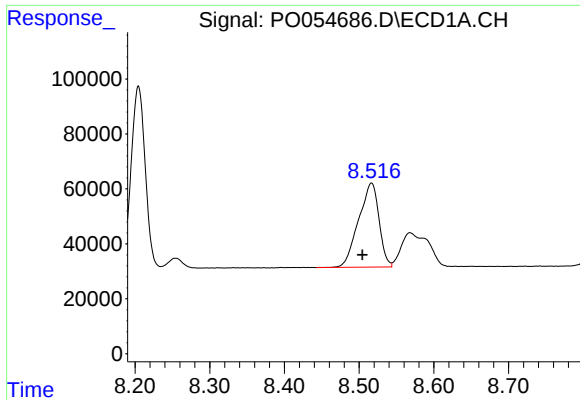
#40 AR-1262-5

R.T.: 9.212 min
Delta R.T.: -0.006 min
Response: 203049
Conc: 92.87 ng/ml



#40 AR-1262-5

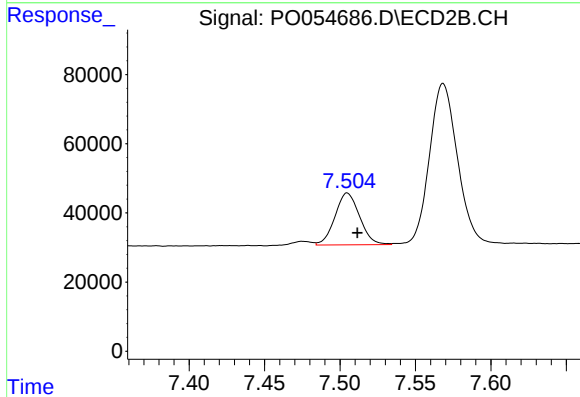
R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 173350
Conc: 107.41 ng/ml



#41 AR-1268-1

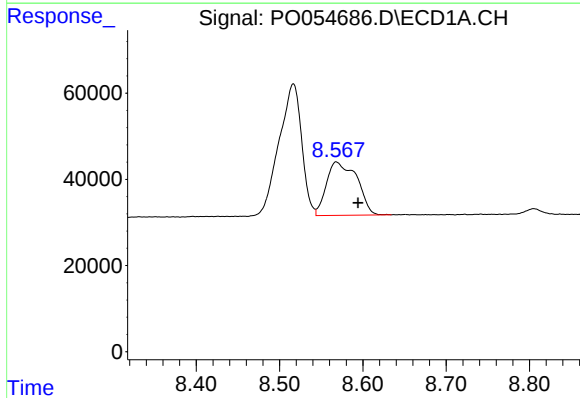
R.T.: 8.517 min
Delta R.T.: 0.012 min
Response: 581002
Conc: 81.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



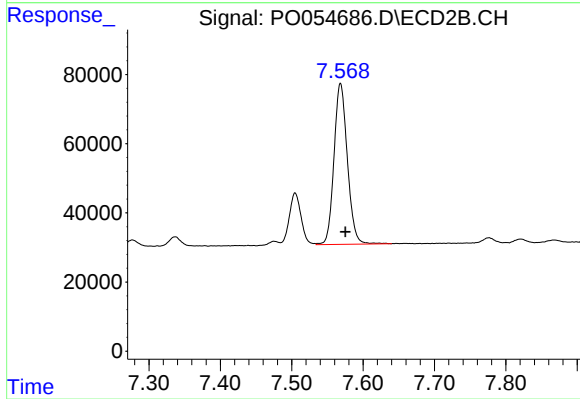
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: -0.007 min
Response: 170967
Conc: 30.24 ng/ml



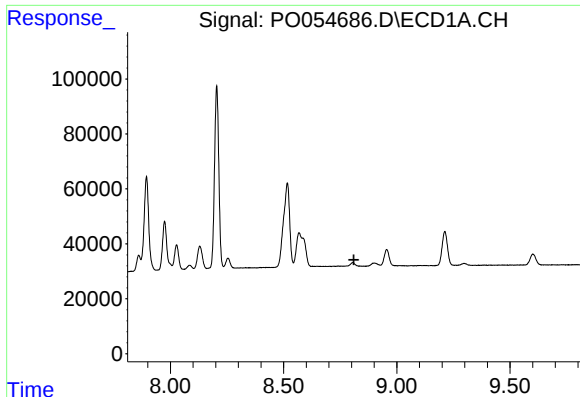
#42 AR-1268-2

R.T.: 8.568 min
Delta R.T.: -0.026 min
Response: 314289
Conc: 47.97 ng/ml



#42 AR-1268-2

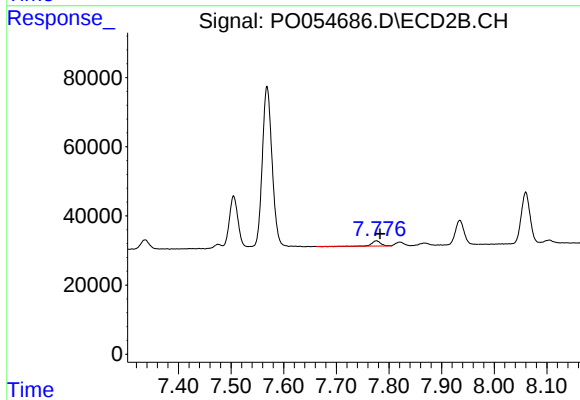
R.T.: 7.568 min
Delta R.T.: -0.007 min
Response: 604416
Conc: 116.87 ng/ml



#43 AR-1268-3

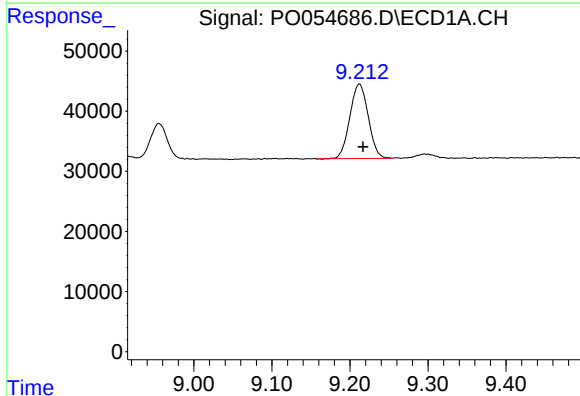
R.T.: 0.000 min
Exp R.T.: 8.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB118304BS



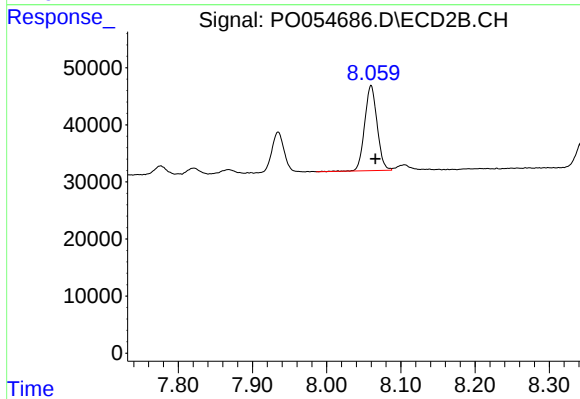
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: -0.007 min
Response: 16098
Conc: 3.74 ng/ml



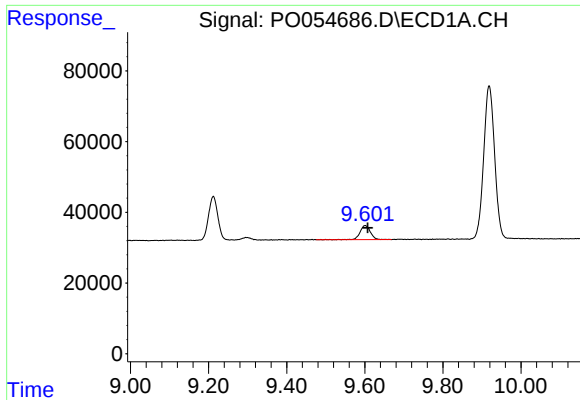
#44 AR-1268-4

R.T.: 9.212 min
Delta R.T.: -0.005 min
Response: 203049
Conc: 85.11 ng/ml



#44 AR-1268-4

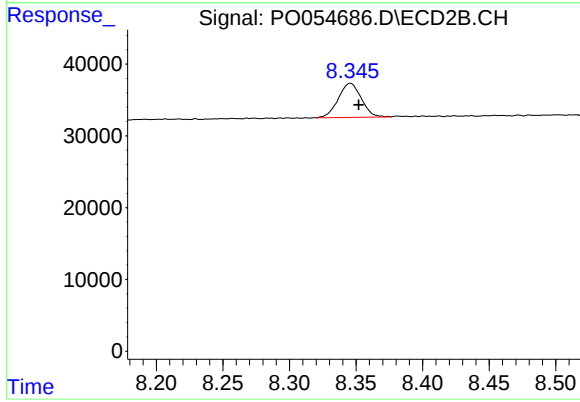
R.T.: 8.060 min
Delta R.T.: -0.006 min
Response: 173350
Conc: 93.51 ng/ml



#45 AR-1268-5

R.T.: 9.601 min
Delta R.T.: -0.007 min
Response: 73507
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB118304BS



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.006 min
Response: 56929
Conc: 5.00 ng/ml