

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111119\
 Data File : P0063605.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Nov 2019 11:05
 Operator : SM/AJ
 Sample : K5746-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-1A-COMPMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 13:32:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 04:54:26 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...	4.319	3.575	752067	536889	22.728	25.463
2)	SA Decachlor...	9.945	8.549	869376	538641	15.844	18.172
Target Compounds							
3)	L1 AR-1016-1	5.480	4.654	350376	254461	252.531	302.101
4)	L1 AR-1016-2	5.502	4.673	497987	338267	246.666	296.824
5)	L1 AR-1016-3	5.563	4.847	305938	177686	241.072	280.964
6)	L1 AR-1016-4	5.661	4.888	250279	151861	241.574	285.866
7)	L1 AR-1016-5	5.954	5.100	262959	189855	234.947	279.963
9)	L2 AR-1221-2	4.614	0.000	43099	0	155.149	N.D. #
10)	L2 AR-1221-3	4.690	3.949	172103	114284	197.704	212.657
11)	L3 AR-1232-1	4.690	3.949	172103	114284	146.128	153.857
12)	L3 AR-1232-2	5.214	4.673	241471	338267	369.919	410.944
13)	L3 AR-1232-3	5.502	4.847	497987	177686	352.194	408.753
14)	L3 AR-1232-4	5.661	4.930	250279	185492	349.079	472.124 #
15)	L3 AR-1232-5	5.751	5.100	237398	189855	424.880	433.196
16)	L4 AR-1242-1	5.480	4.654	350376	254461	354.627	421.937
17)	L4 AR-1242-2	5.502	4.673	497987	338267	346.026	407.924
18)	L4 AR-1242-3	5.563	4.847	305938	177686	335.330	400.048
19)	L4 AR-1242-4	5.661	4.930	250279	185492	337.676	411.808
20)	L4 AR-1242-5	6.328	5.450	120941	139404	125.499	229.008 #
21)	L5 AR-1248-1	5.480	4.654	350376	254461	433.282	516.534
22)	L5 AR-1248-2	5.751	4.888	237398	151861	195.764	222.182
23)	L5 AR-1248-3	5.954	4.930	262959	185492	188.660	264.397 #
24)	L5 AR-1248-4	6.328	5.100	120941	189855	70.946	217.758 #
25)	L5 AR-1248-5	6.328	5.450	120941	139404	73.526	152.560 #
26)	L6 AR-1254-1	6.328	5.450	120941	139404	71.179	99.492 #
27)	L6 AR-1254-2	6.546	5.596	206310	129617	74.640	102.693 #
28)	L6 AR-1254-3	6.911	6.014	131139	309183	41.237	143.379 #
29)	L6 AR-1254-4	7.195	6.226	88664	50018	36.065	36.208
30)	L6 AR-1254-5	7.611	6.642	730830	492241	261.899	253.273
31)	L7 AR-1260-1	7.073	6.129	504103	357336	209.758	252.630
32)	L7 AR-1260-2	7.329	6.314	653440	436933	216.335	247.021
33)	L7 AR-1260-3	7.687	6.469	475824	403293	205.617	248.225
34)	L7 AR-1260-4	7.911	6.940	553312	344393	199.378	244.114
35)	L7 AR-1260-5	8.222	7.179	1061887	791951	191.394	235.084
36)	L8 AR-1262-1	7.687	6.733	475824	183535	148.887	233.522 #
37)	L8 AR-1262-2	8.222	7.179	1061887	791951	177.231	223.711 #
38)	L8 AR-1262-3	8.534	7.462	721607	205592	178.883	148.048
39)	L8 AR-1262-4	8.590	7.525	448529	577273	148.178	220.458 #
40)	L8 AR-1262-5	9.236	8.018	371820	189556	183.833	165.613
41)	L9 AR-1268-1	8.534	7.462	721607	205592	103.918	50.591 #
42)	L9 AR-1268-2	8.590	7.525	448529	577273	70.650	156.678 #

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 ALS Vial : 5 Sample Multiplier: 1

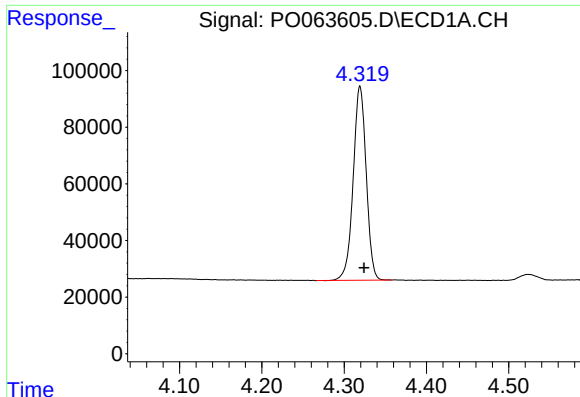
Instrument :
 ECD_O
 ClientSampleId :
 TP-1A-COMPMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.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
44) L9	AR-1268-4	9.236	8.018	371820	189556	166.208	147.871
45) L9	AR-1268-5	9.627	8.300	75485	58148	4.592	6.386 #

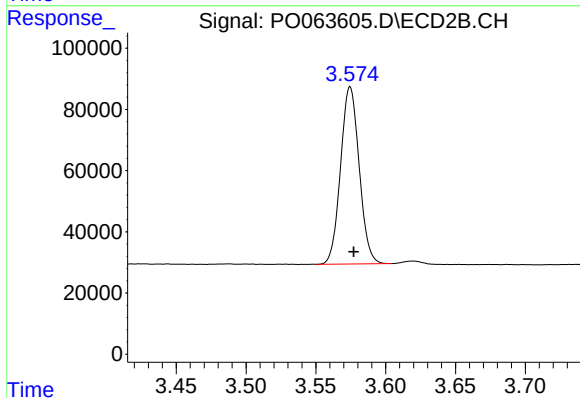
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

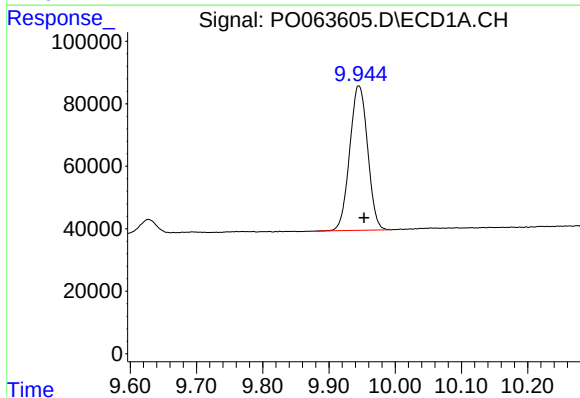
R.T.: 4.319 min
Delta R.T.: -0.005 min
Response: 752067
Conc: 22.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



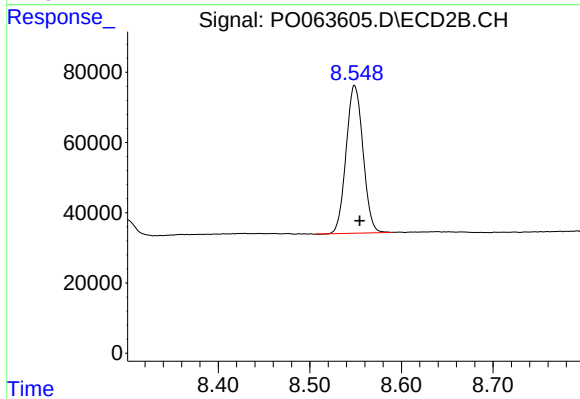
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.002 min
Response: 536889
Conc: 25.46 ng/ml



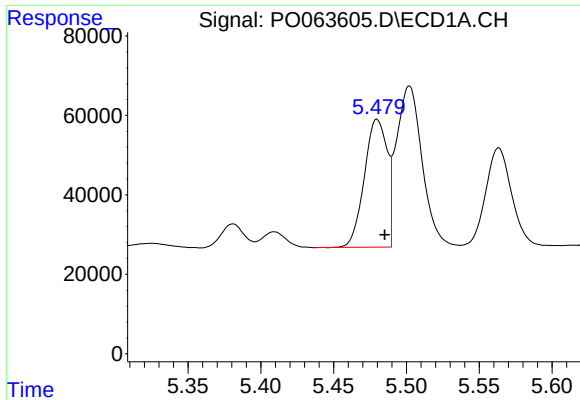
#2 Decachlorobiphenyl

R.T.: 9.945 min
Delta R.T.: -0.008 min
Response: 869376
Conc: 15.84 ng/ml



#2 Decachlorobiphenyl

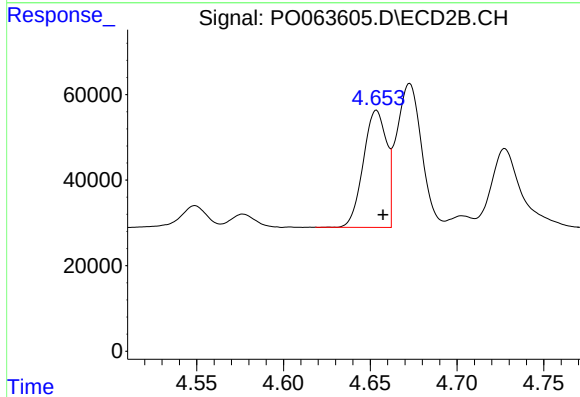
R.T.: 8.549 min
Delta R.T.: -0.006 min
Response: 538641
Conc: 18.17 ng/ml



#3 AR-1016-1

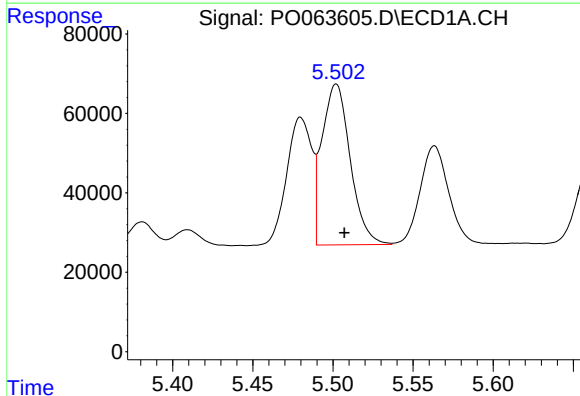
R.T.: 5.480 min
Delta R.T.: -0.005 min
Response: 350376
Conc: 252.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



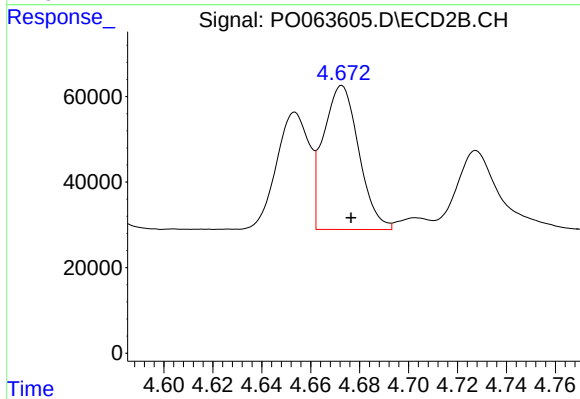
#3 AR-1016-1

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 254461
Conc: 302.10 ng/ml



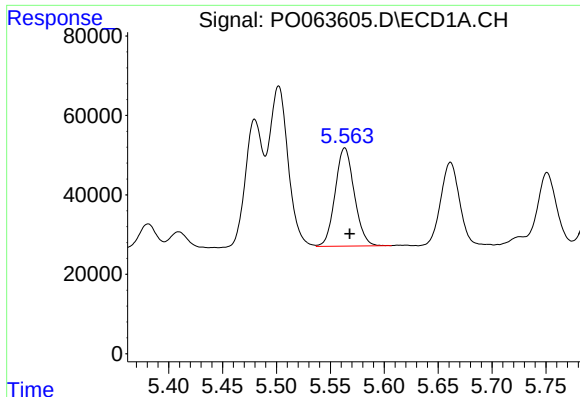
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 497987
Conc: 246.67 ng/ml



#4 AR-1016-2

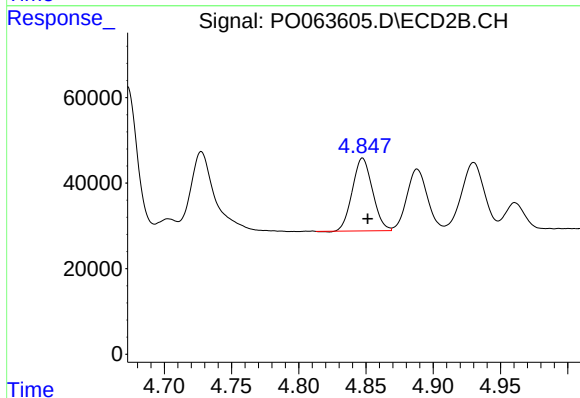
R.T.: 4.673 min
Delta R.T.: -0.004 min
Response: 338267
Conc: 296.82 ng/ml



#5 AR-1016-3

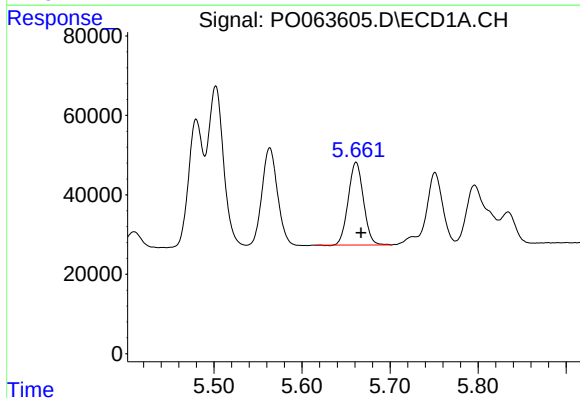
R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 305938
Conc: 241.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



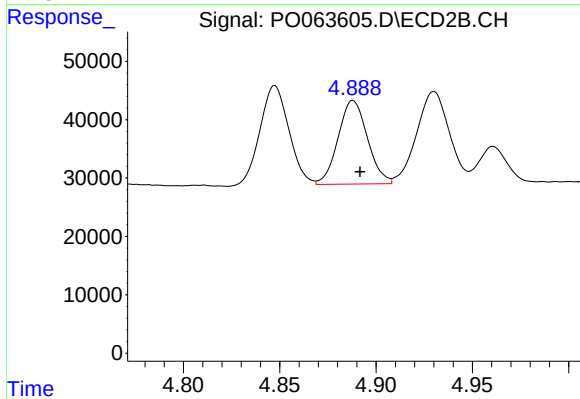
#5 AR-1016-3

R.T.: 4.847 min
Delta R.T.: -0.004 min
Response: 177686
Conc: 280.96 ng/ml



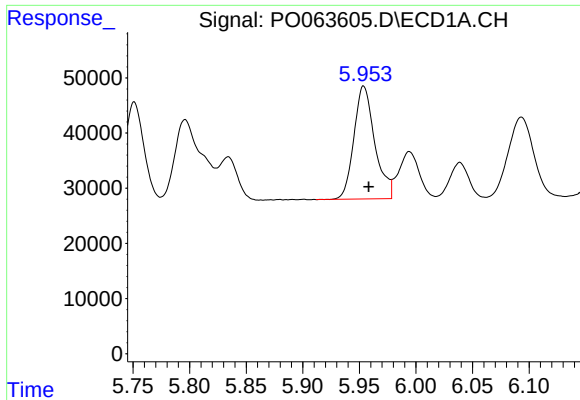
#6 AR-1016-4

R.T.: 5.661 min
Delta R.T.: -0.006 min
Response: 250279
Conc: 241.57 ng/ml



#6 AR-1016-4

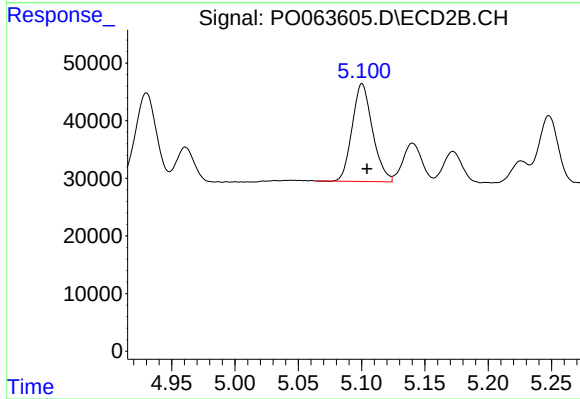
R.T.: 4.888 min
Delta R.T.: -0.004 min
Response: 151861
Conc: 285.87 ng/ml



#7 AR-1016-5

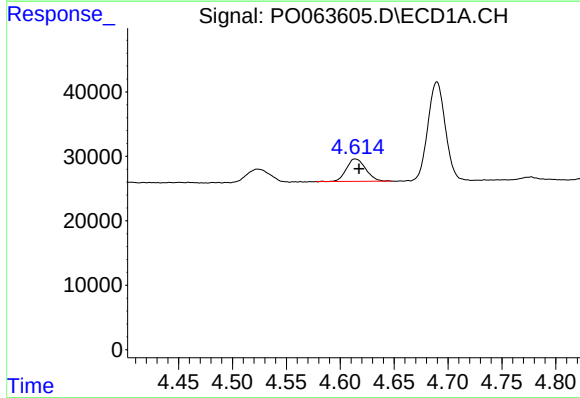
R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 262959
Conc: 234.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



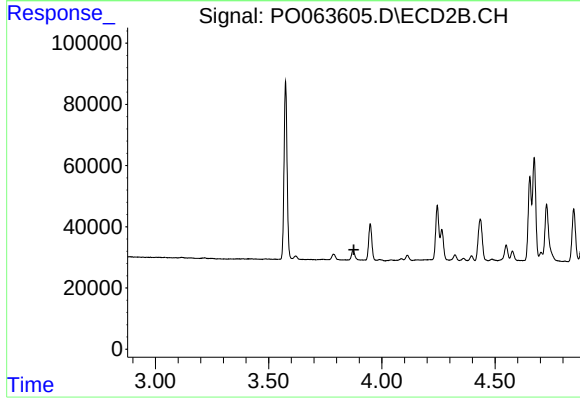
#7 AR-1016-5

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 189855
Conc: 279.96 ng/ml



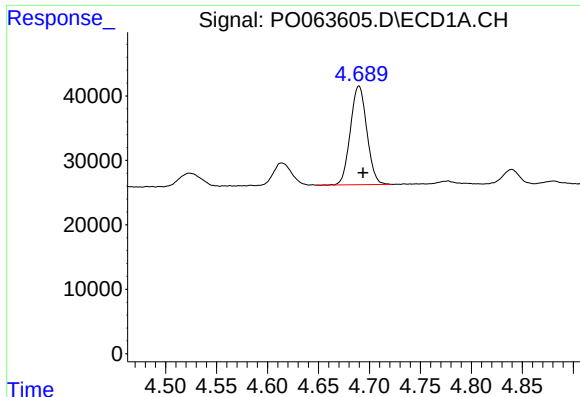
#9 AR-1221-2

R.T.: 4.614 min
Delta R.T.: -0.003 min
Response: 43099
Conc: 155.15 ng/ml



#9 AR-1221-2

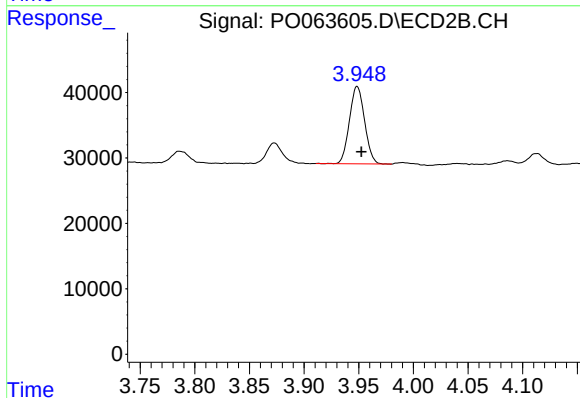
R.T.: 0.000 min
Exp R.T.: 3.877 min
Response: 0
Conc: N.D.



#10 AR-1221-3

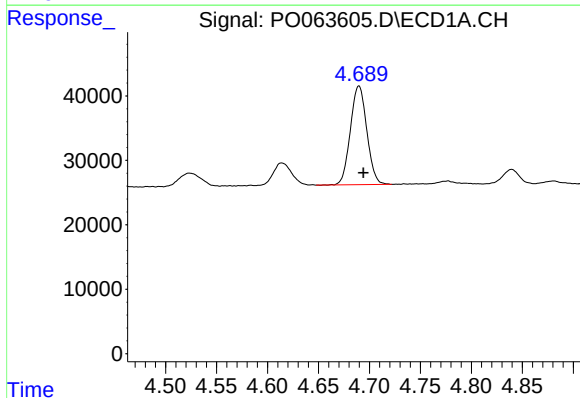
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 172103
Conc: 197.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



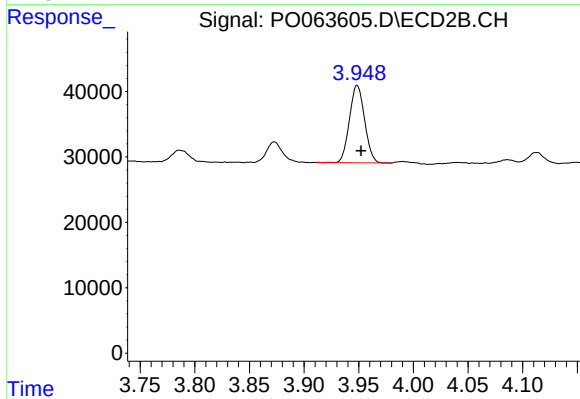
#10 AR-1221-3

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 114284
Conc: 212.66 ng/ml



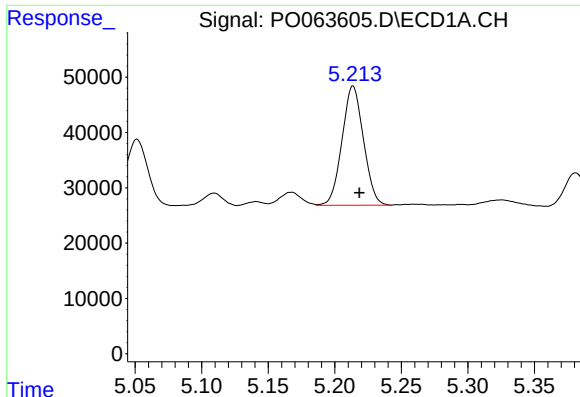
#11 AR-1232-1

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 172103
Conc: 146.13 ng/ml



#11 AR-1232-1

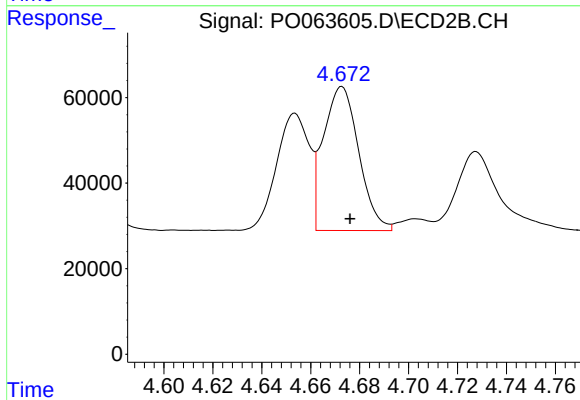
R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 114284
Conc: 153.86 ng/ml



#12 AR-1232-2

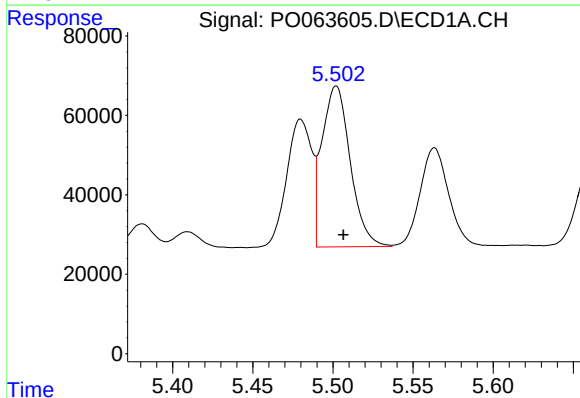
R.T.: 5.214 min
Delta R.T.: -0.005 min
Response: 241471
Conc: 369.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



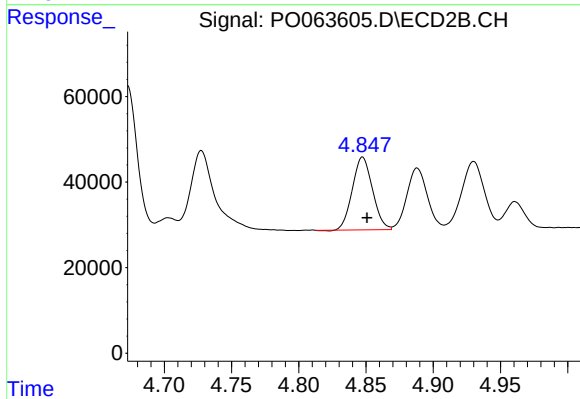
#12 AR-1232-2

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 338267
Conc: 410.94 ng/ml



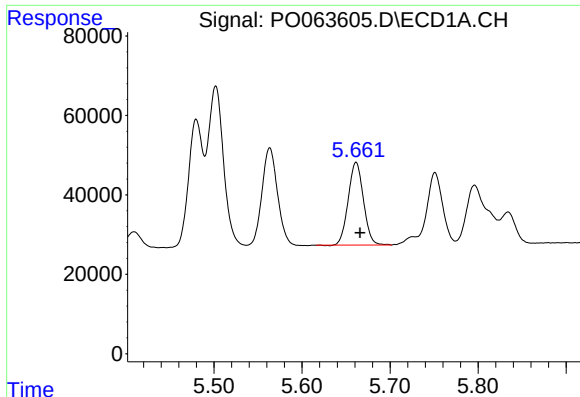
#13 AR-1232-3

R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 497987
Conc: 352.19 ng/ml



#13 AR-1232-3

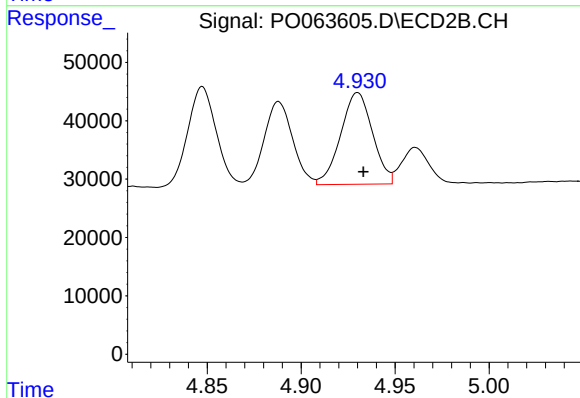
R.T.: 4.847 min
Delta R.T.: -0.003 min
Response: 177686
Conc: 408.75 ng/ml



#14 AR-1232-4

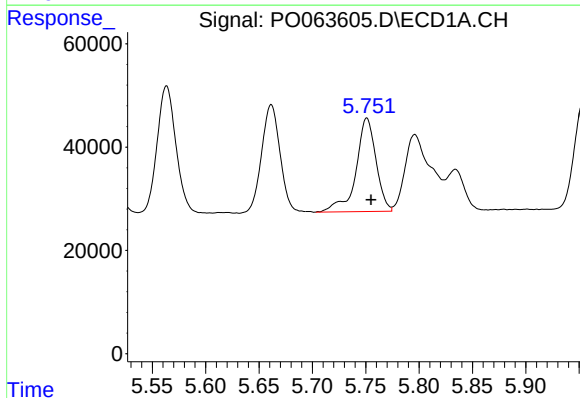
R.T.: 5.661 min
Delta R.T.: -0.005 min
Response: 250279
Conc: 349.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



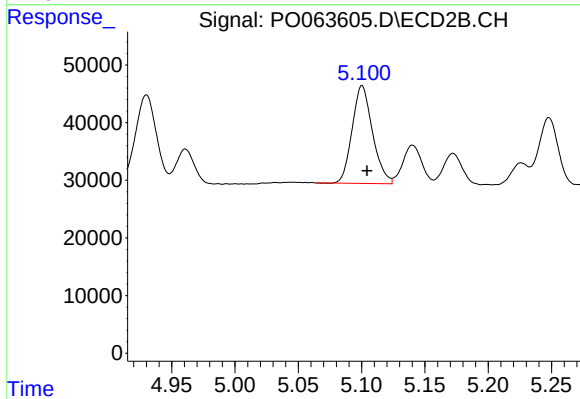
#14 AR-1232-4

R.T.: 4.930 min
Delta R.T.: -0.003 min
Response: 185492
Conc: 472.12 ng/ml



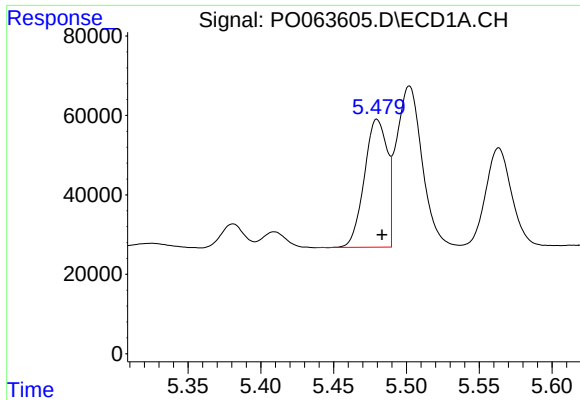
#15 AR-1232-5

R.T.: 5.751 min
Delta R.T.: -0.004 min
Response: 237398
Conc: 424.88 ng/ml



#15 AR-1232-5

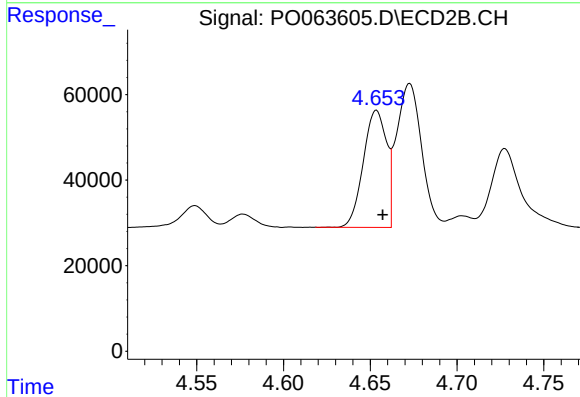
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 189855
Conc: 433.20 ng/ml



#16 AR-1242-1

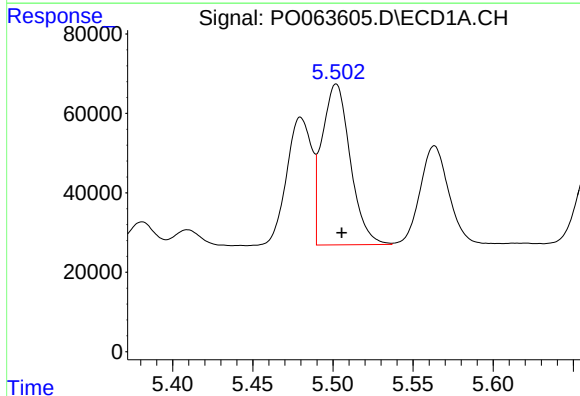
R.T.: 5.480 min
Delta R.T.: -0.003 min
Response: 350376
Conc: 354.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
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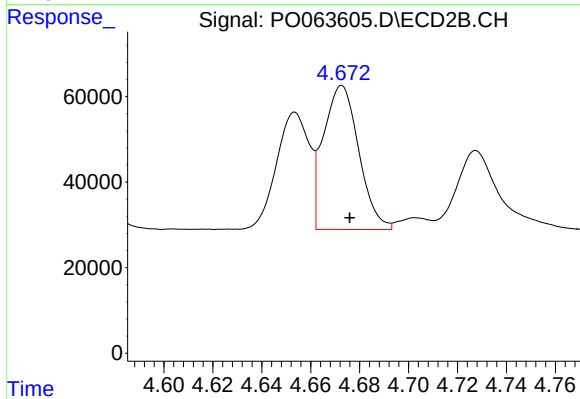
#16 AR-1242-1

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 254461
Conc: 421.94 ng/ml



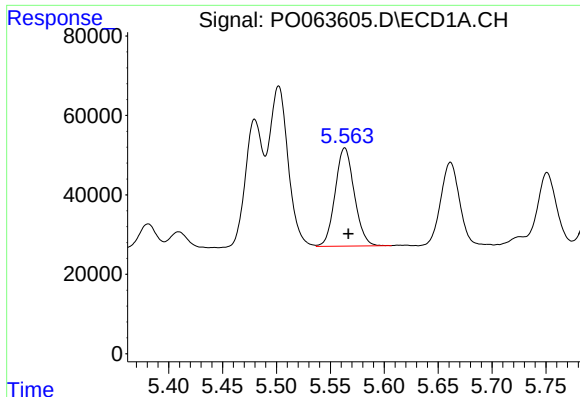
#17 AR-1242-2

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 497987
Conc: 346.03 ng/ml



#17 AR-1242-2

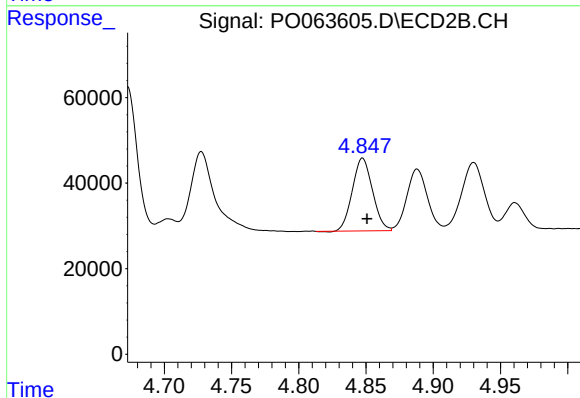
R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 338267
Conc: 407.92 ng/ml



#18 AR-1242-3

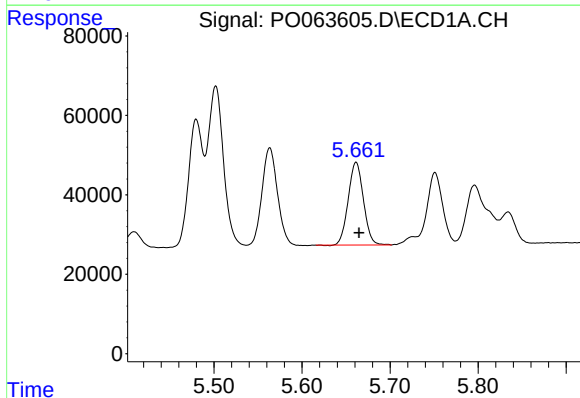
R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 305938
Conc: 335.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



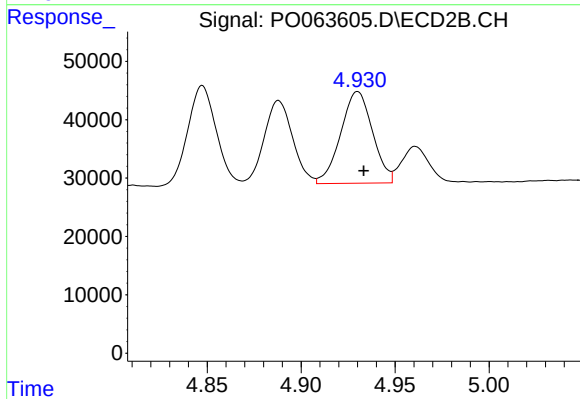
#18 AR-1242-3

R.T.: 4.847 min
Delta R.T.: -0.003 min
Response: 177686
Conc: 400.05 ng/ml



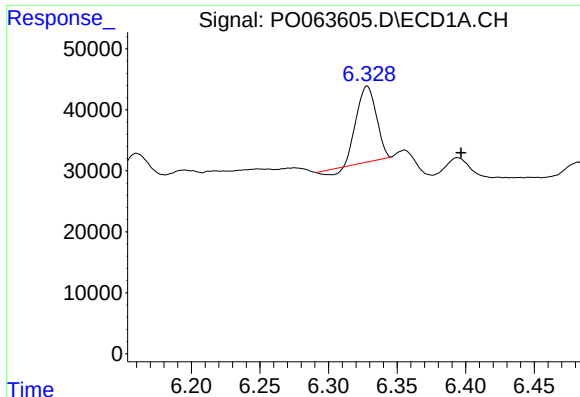
#19 AR-1242-4

R.T.: 5.661 min
Delta R.T.: -0.003 min
Response: 250279
Conc: 337.68 ng/ml



#19 AR-1242-4

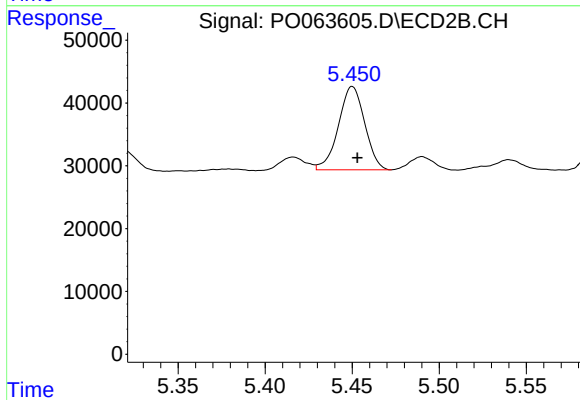
R.T.: 4.930 min
Delta R.T.: -0.003 min
Response: 185492
Conc: 411.81 ng/ml



#20 AR-1242-5

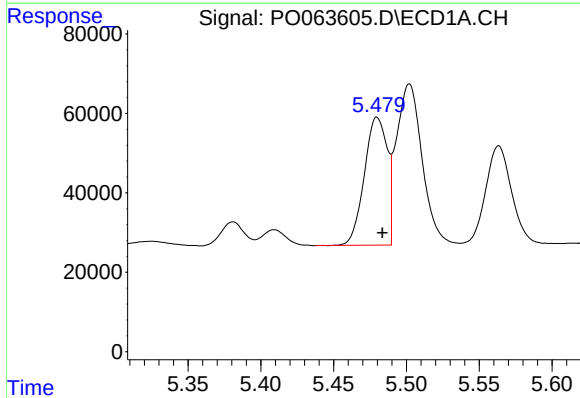
R.T.: 6.328 min
Delta R.T.: -0.068 min
Response: 120941
Conc: 125.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



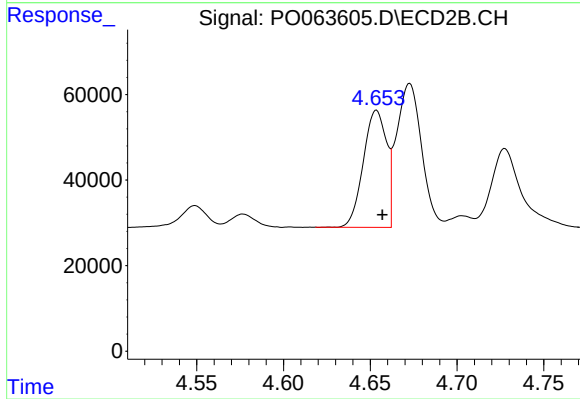
#20 AR-1242-5

R.T.: 5.450 min
Delta R.T.: -0.003 min
Response: 139404
Conc: 229.01 ng/ml



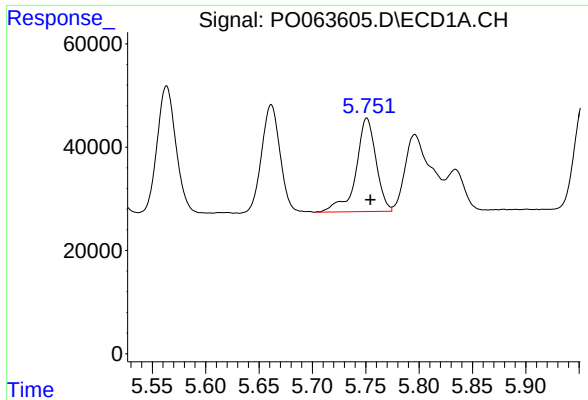
#21 AR-1248-1

R.T.: 5.480 min
Delta R.T.: -0.004 min
Response: 350376
Conc: 433.28 ng/ml



#21 AR-1248-1

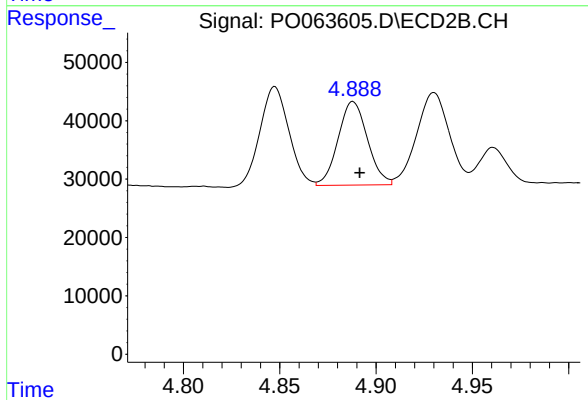
R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 254461
Conc: 516.53 ng/ml



#22 AR-1248-2

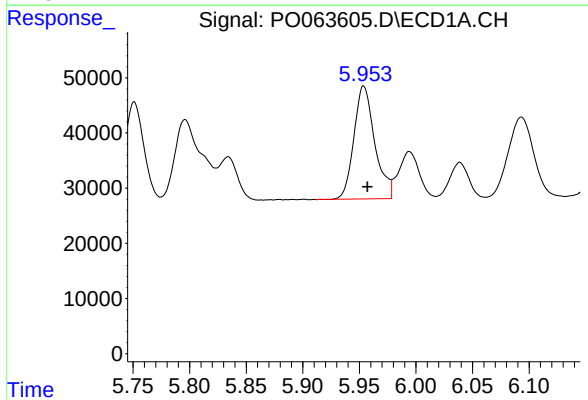
R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 237398
Conc: 195.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



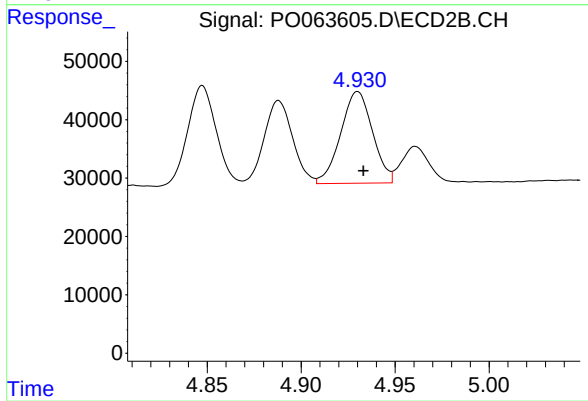
#22 AR-1248-2

R.T.: 4.888 min
Delta R.T.: -0.004 min
Response: 151861
Conc: 222.18 ng/ml



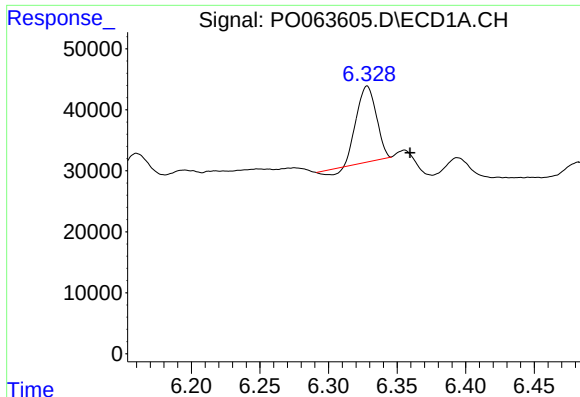
#23 AR-1248-3

R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 262959
Conc: 188.66 ng/ml



#23 AR-1248-3

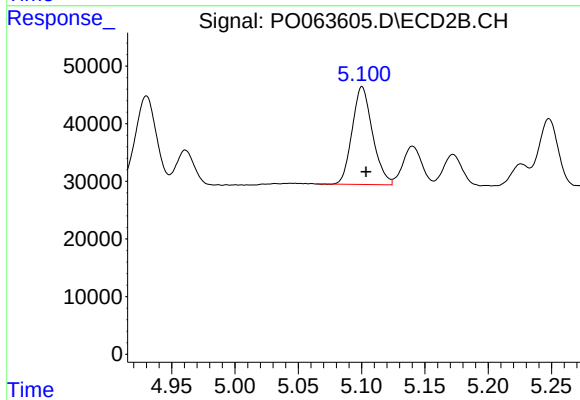
R.T.: 4.930 min
Delta R.T.: -0.003 min
Response: 185492
Conc: 264.40 ng/ml



#24 AR-1248-4

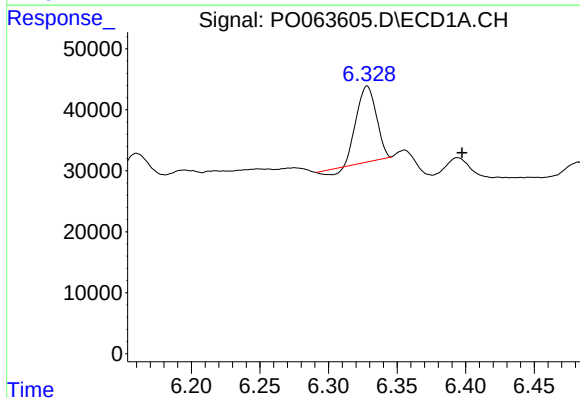
R.T.: 6.328 min
Delta R.T.: -0.031 min
Response: 120941
Conc: 70.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



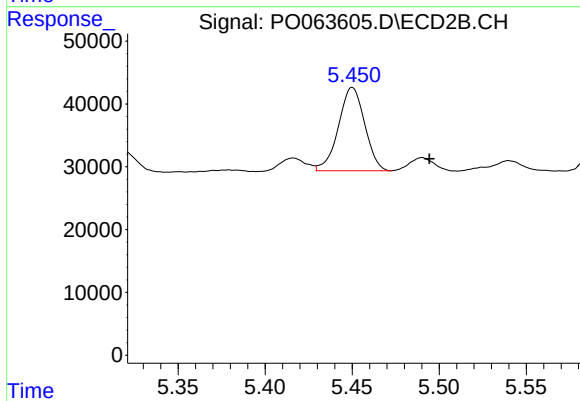
#24 AR-1248-4

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 189855
Conc: 217.76 ng/ml



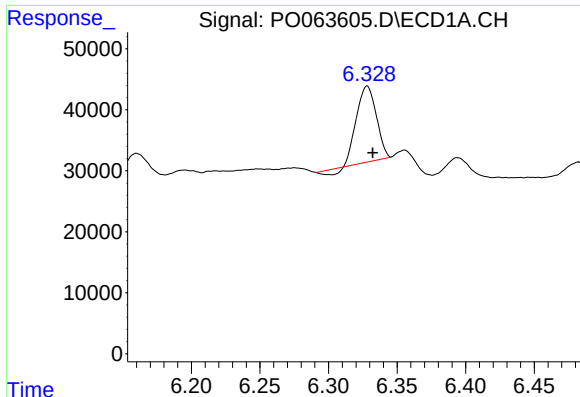
#25 AR-1248-5

R.T.: 6.328 min
Delta R.T.: -0.069 min
Response: 120941
Conc: 73.53 ng/ml



#25 AR-1248-5

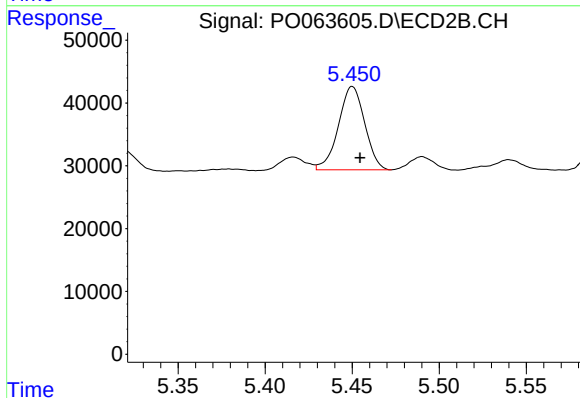
R.T.: 5.450 min
Delta R.T.: -0.044 min
Response: 139404
Conc: 152.56 ng/ml



#26 AR-1254-1

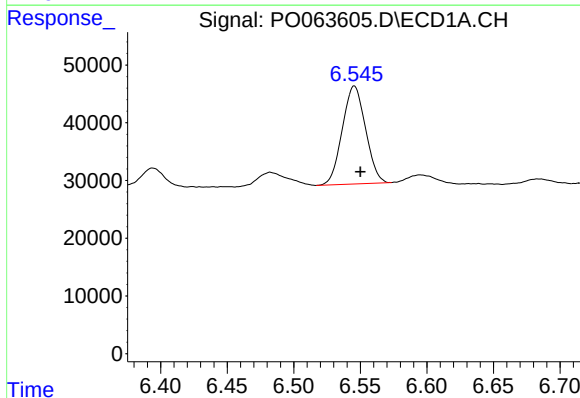
R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 120941
Conc: 71.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



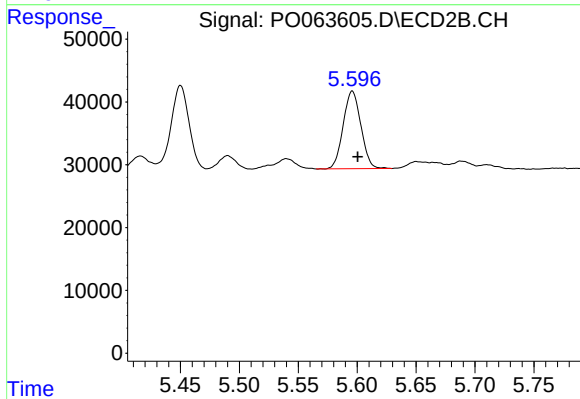
#26 AR-1254-1

R.T.: 5.450 min
Delta R.T.: -0.004 min
Response: 139404
Conc: 99.49 ng/ml



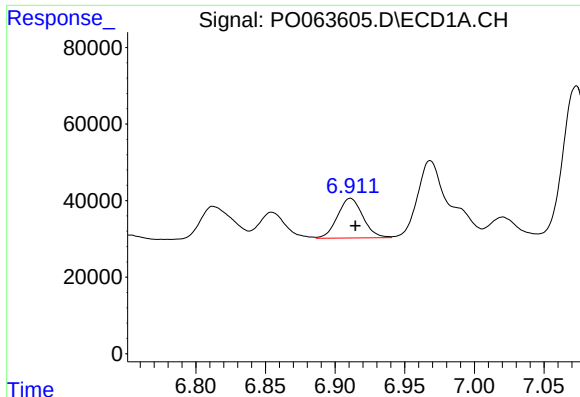
#27 AR-1254-2

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 206310
Conc: 74.64 ng/ml



#27 AR-1254-2

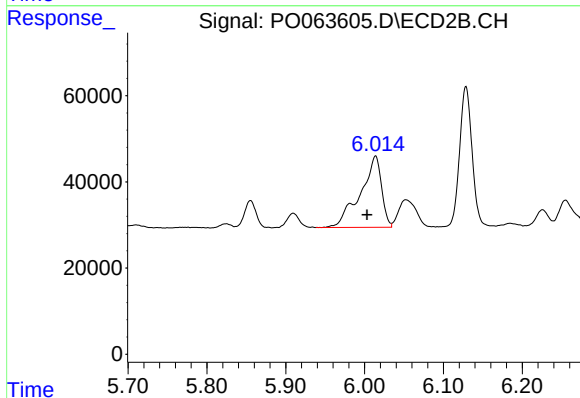
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 129617
Conc: 102.69 ng/ml



#28 AR-1254-3

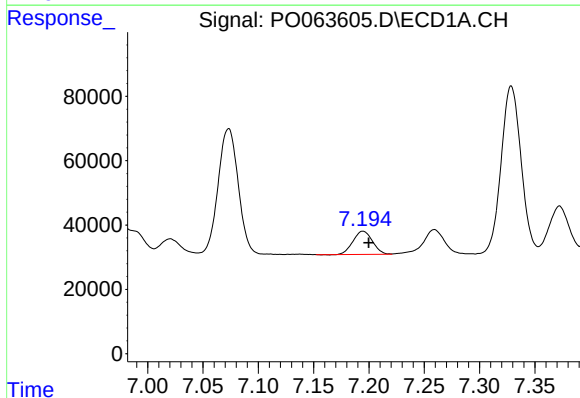
R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 131139
Conc: 41.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



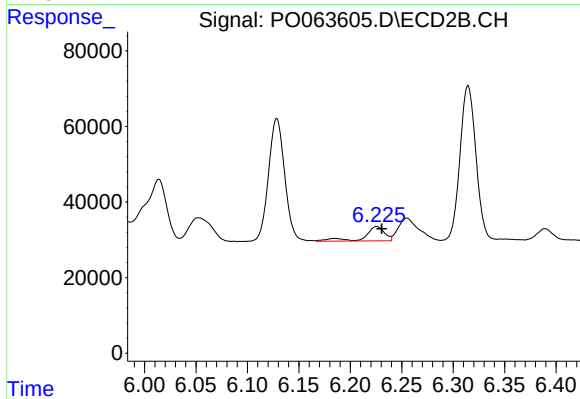
#28 AR-1254-3

R.T.: 6.014 min
Delta R.T.: 0.011 min
Response: 309183
Conc: 143.38 ng/ml



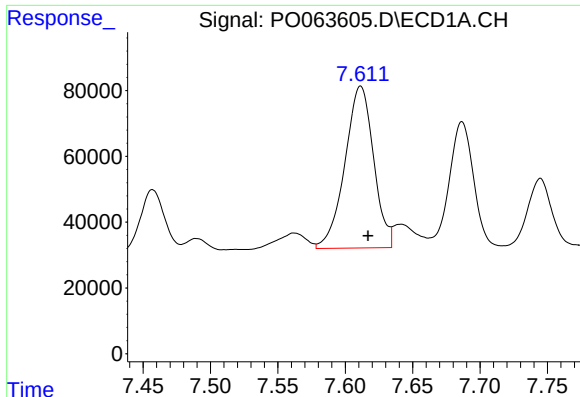
#29 AR-1254-4

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 88664
Conc: 36.06 ng/ml



#29 AR-1254-4

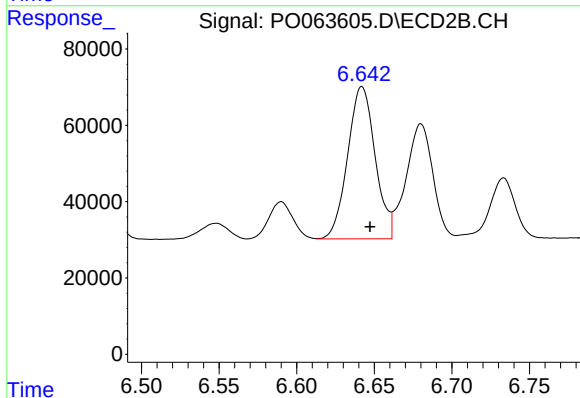
R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 50018
Conc: 36.21 ng/ml



#30 AR-1254-5

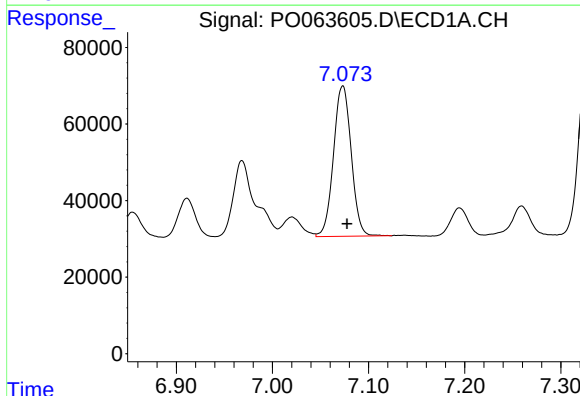
R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 730830
Conc: 261.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



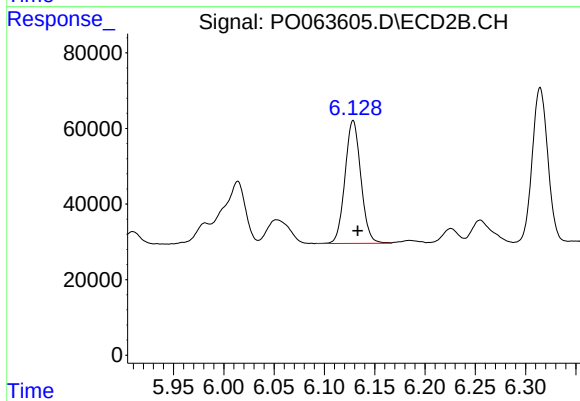
#30 AR-1254-5

R.T.: 6.642 min
Delta R.T.: -0.005 min
Response: 492241
Conc: 253.27 ng/ml



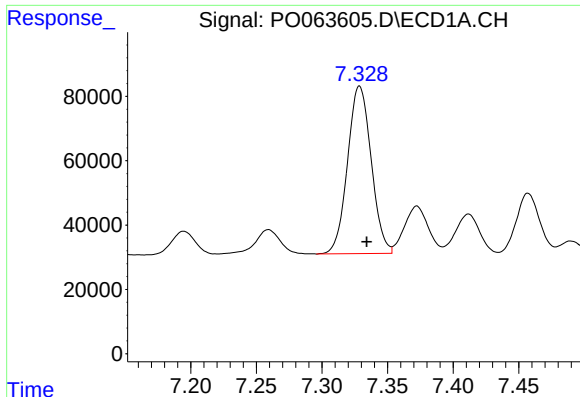
#31 AR-1260-1

R.T.: 7.073 min
Delta R.T.: -0.005 min
Response: 504103
Conc: 209.76 ng/ml



#31 AR-1260-1

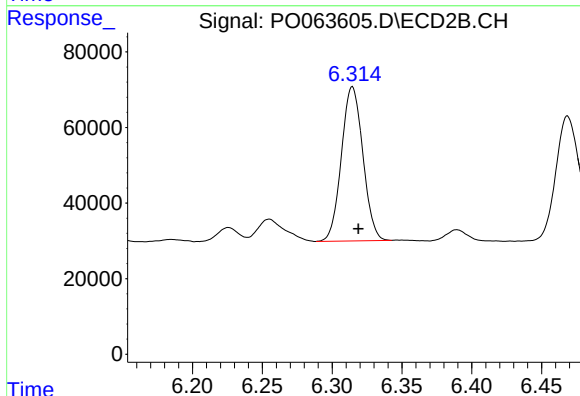
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 357336
Conc: 252.63 ng/ml



#32 AR-1260-2

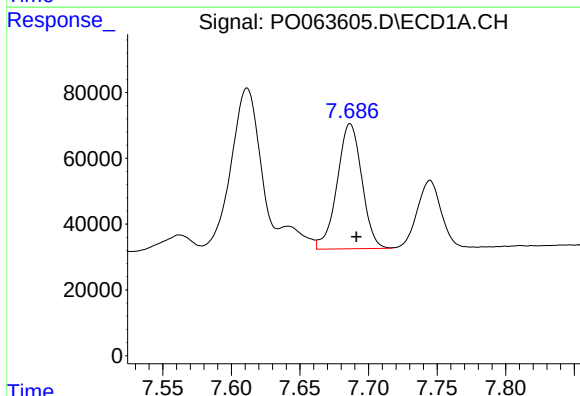
R.T.: 7.329 min
Delta R.T.: -0.005 min
Response: 653440
Conc: 216.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



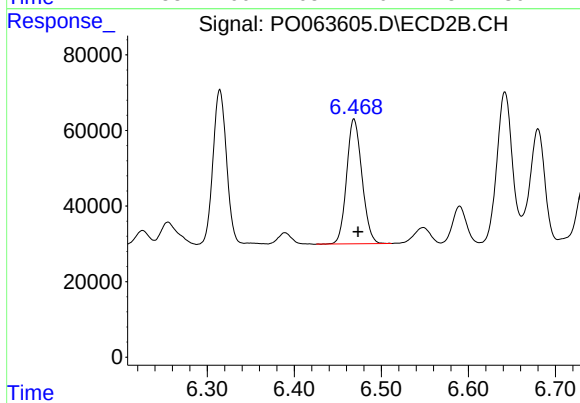
#32 AR-1260-2

R.T.: 6.314 min
Delta R.T.: -0.004 min
Response: 436933
Conc: 247.02 ng/ml



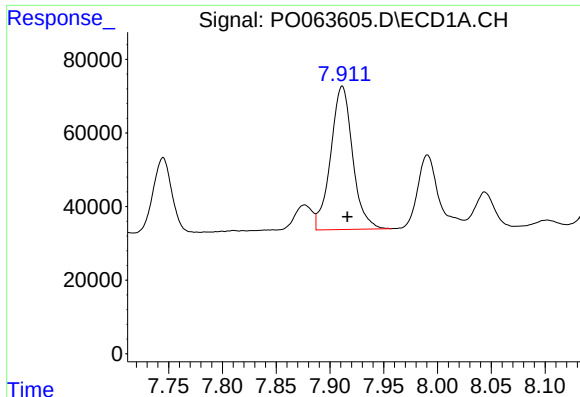
#33 AR-1260-3

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 475824
Conc: 205.62 ng/ml



#33 AR-1260-3

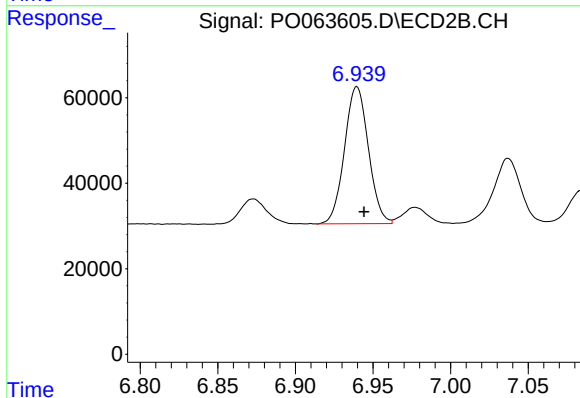
R.T.: 6.469 min
Delta R.T.: -0.005 min
Response: 403293
Conc: 248.23 ng/ml



#34 AR-1260-4

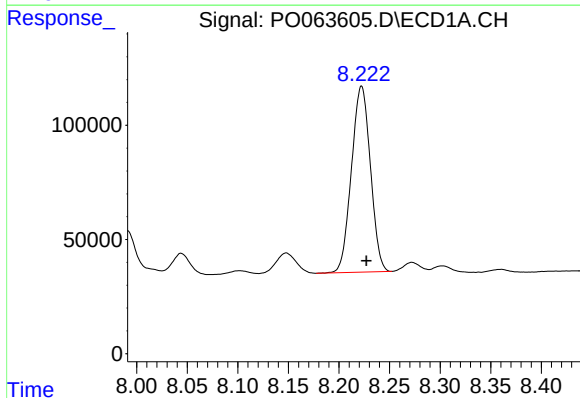
R.T.: 7.911 min
Delta R.T.: -0.005 min
Response: 553312
Conc: 199.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



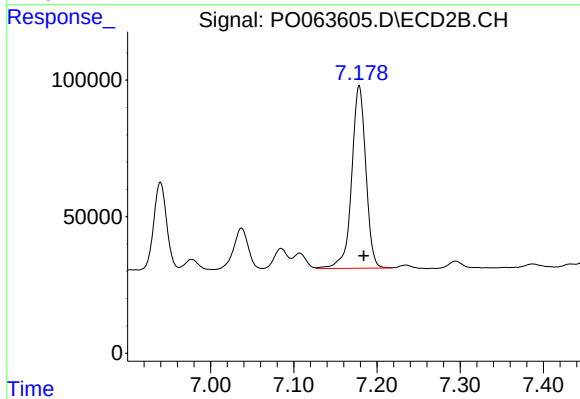
#34 AR-1260-4

R.T.: 6.940 min
Delta R.T.: -0.005 min
Response: 344393
Conc: 244.11 ng/ml



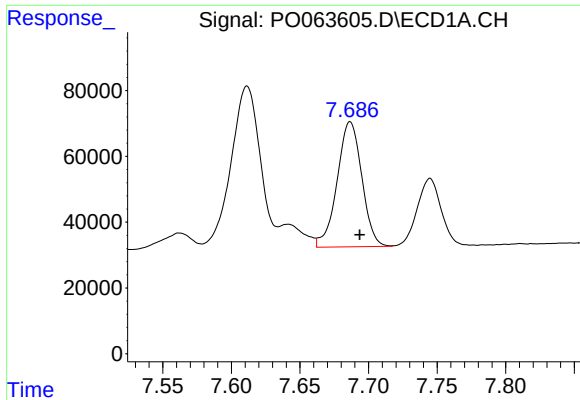
#35 AR-1260-5

R.T.: 8.222 min
Delta R.T.: -0.005 min
Response: 1061887
Conc: 191.39 ng/ml



#35 AR-1260-5

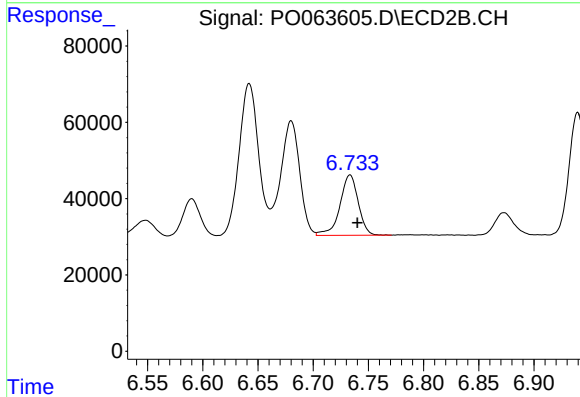
R.T.: 7.179 min
Delta R.T.: -0.005 min
Response: 791951
Conc: 235.08 ng/ml



#36 AR-1262-1

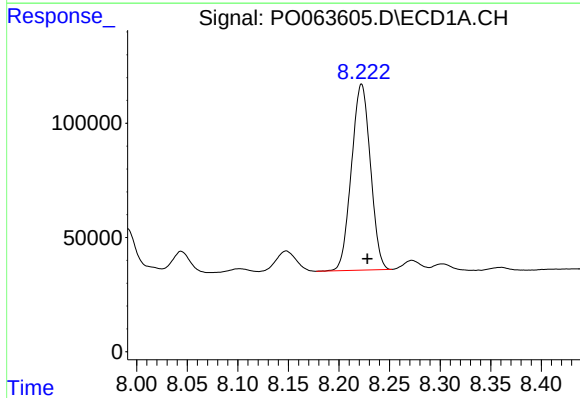
R.T.: 7.687 min
Delta R.T.: -0.007 min
Response: 475824
Conc: 148.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



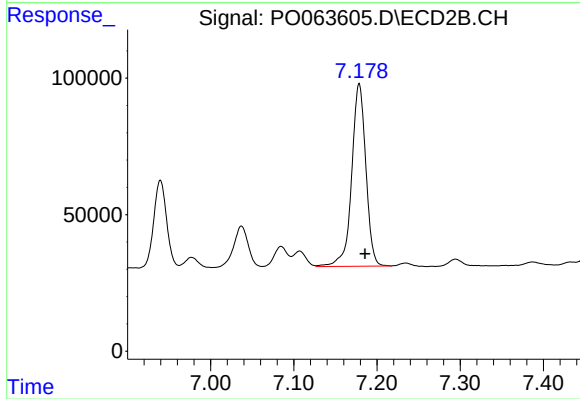
#36 AR-1262-1

R.T.: 6.733 min
Delta R.T.: -0.007 min
Response: 183535
Conc: 233.52 ng/ml



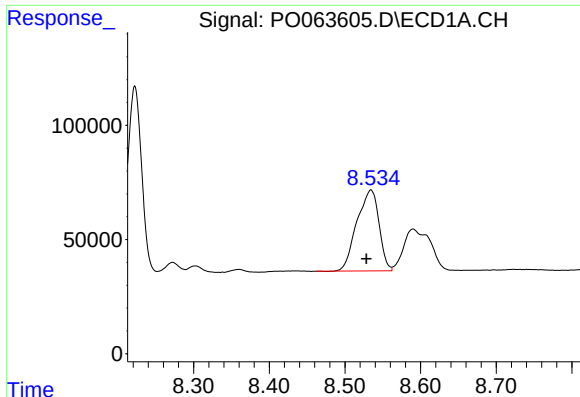
#37 AR-1262-2

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 1061887
Conc: 177.23 ng/ml



#37 AR-1262-2

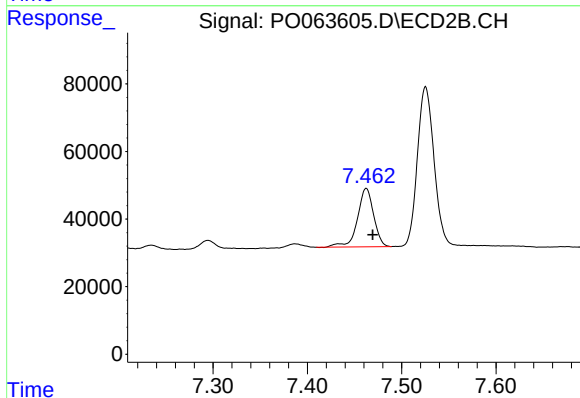
R.T.: 7.179 min
Delta R.T.: -0.007 min
Response: 791951
Conc: 223.71 ng/ml



#38 AR-1262-3

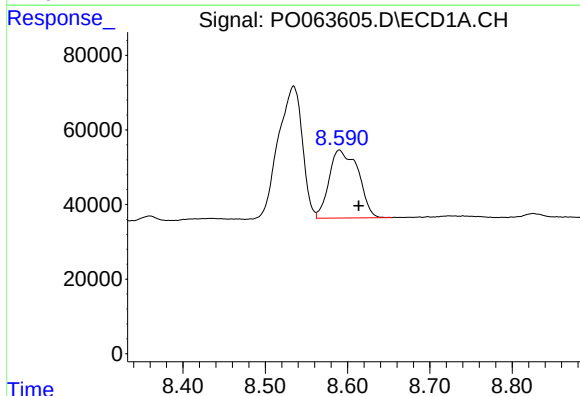
R.T.: 8.534 min
Delta R.T.: 0.006 min
Response: 721607
Conc: 178.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



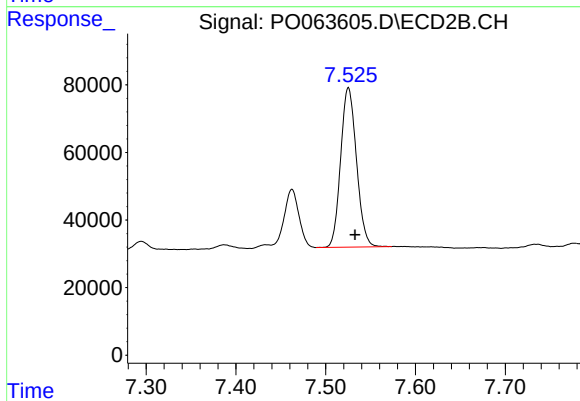
#38 AR-1262-3

R.T.: 7.462 min
Delta R.T.: -0.007 min
Response: 205592
Conc: 148.05 ng/ml



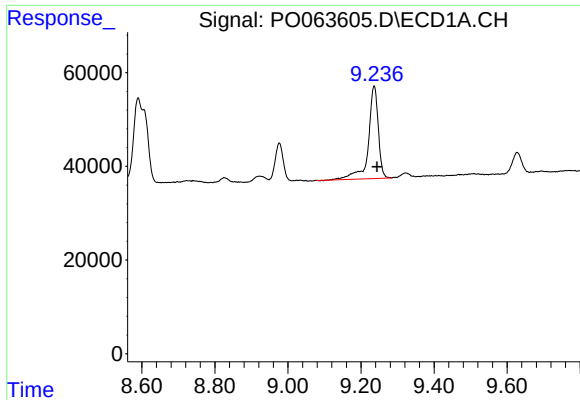
#39 AR-1262-4

R.T.: 8.590 min
Delta R.T.: -0.024 min
Response: 448529
Conc: 148.18 ng/ml



#39 AR-1262-4

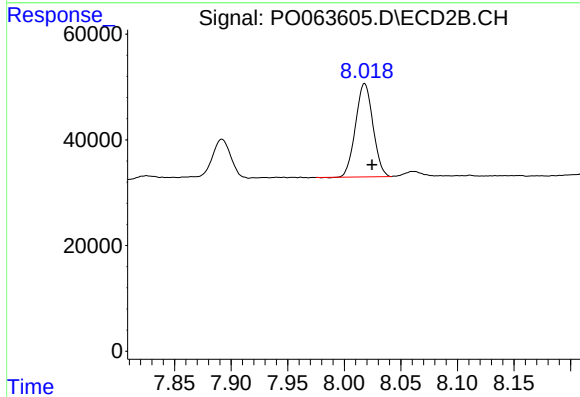
R.T.: 7.525 min
Delta R.T.: -0.007 min
Response: 577273
Conc: 220.46 ng/ml



#40 AR-1262-5

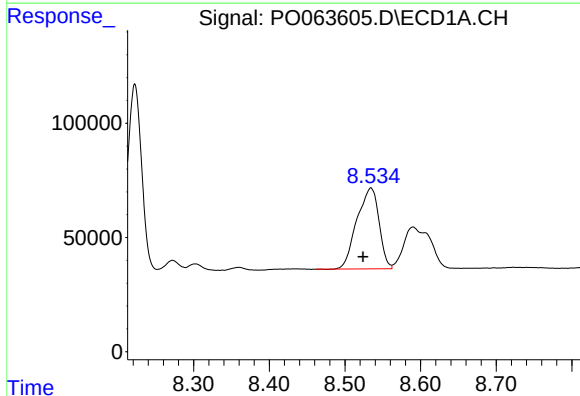
R.T.: 9.236 min
Delta R.T.: -0.007 min
Response: 371820
Conc: 183.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



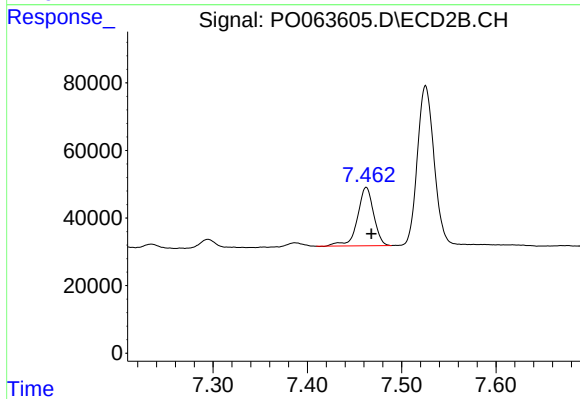
#40 AR-1262-5

R.T.: 8.018 min
Delta R.T.: -0.007 min
Response: 189556
Conc: 165.61 ng/ml



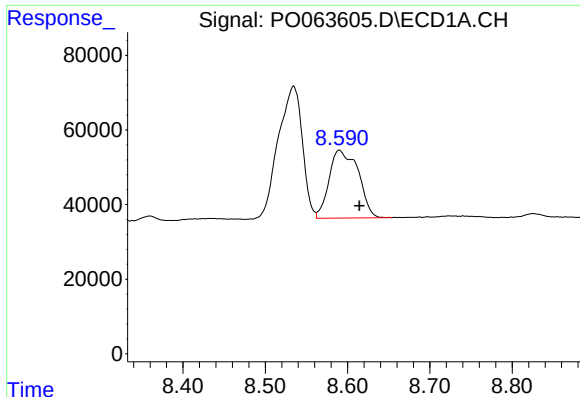
#41 AR-1268-1

R.T.: 8.534 min
Delta R.T.: 0.010 min
Response: 721607
Conc: 103.92 ng/ml



#41 AR-1268-1

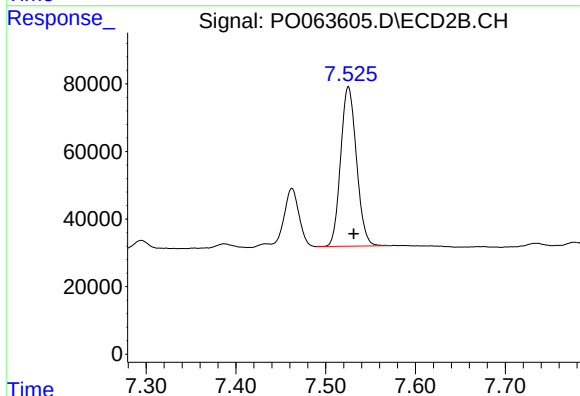
R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 205592
Conc: 50.59 ng/ml



#42 AR-1268-2

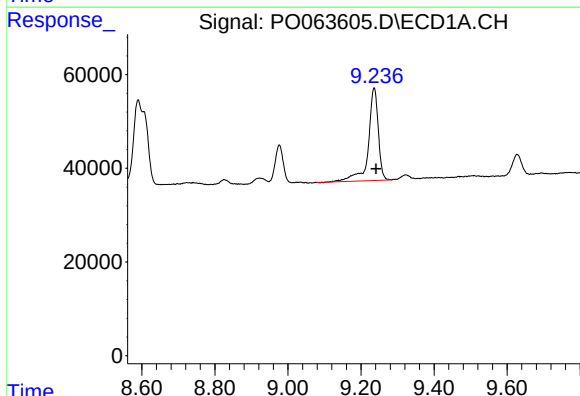
R.T.: 8.590 min
Delta R.T.: -0.024 min
Response: 448529
Conc: 70.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



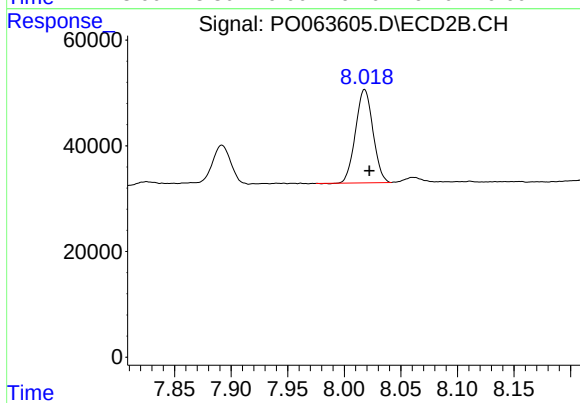
#42 AR-1268-2

R.T.: 7.525 min
Delta R.T.: -0.006 min
Response: 577273
Conc: 156.68 ng/ml



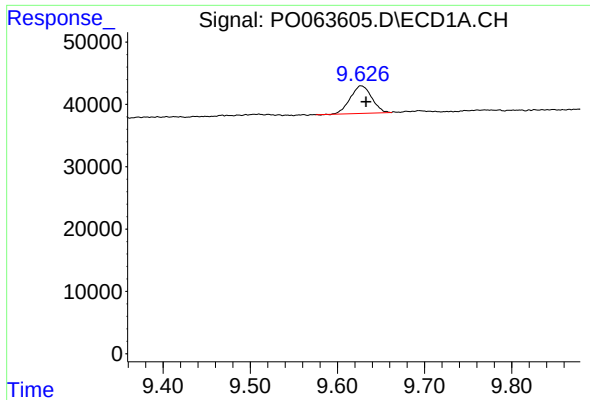
#44 AR-1268-4

R.T.: 9.236 min
Delta R.T.: -0.005 min
Response: 371820
Conc: 166.21 ng/ml



#44 AR-1268-4

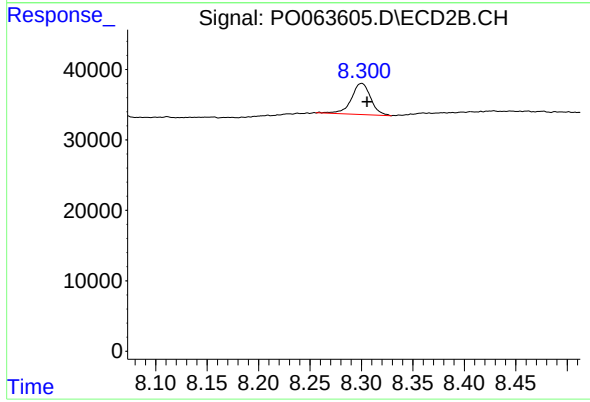
R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 189556
Conc: 147.87 ng/ml



#45 AR-1268-5

R.T.: 9.627 min
Delta R.T.: -0.006 min
Response: 75485
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-1A-COMPMS



#45 AR-1268-5

R.T.: 8.300 min
Delta R.T.: -0.005 min
Response: 58148
Conc: 6.39 ng/ml