

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121419\
 Data File : P0064595.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Dec 2019 8:54
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 09:51:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 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...	4.182	3.458	1096291	1310647	45.031	51.703
2)	SA Decachlor...	9.695	8.381	1395116	1678234	45.458	48.324
Target Compounds							
3)	L1 AR-1016-1	5.332	4.523	449142	533770	450.118	493.554
4)	L1 AR-1016-2	5.354	4.541	651057	746670	448.300	496.495
5)	L1 AR-1016-3	5.415	4.715	405224	399684	457.985	514.151
6)	L1 AR-1016-4	5.512	4.757	330437	333507	456.202	507.242
7)	L1 AR-1016-5	5.802	4.967	341084	438213	468.025	502.215
8)	L2 AR-1221-1	4.386	3.667	34936	42032	134.771	150.167
9)	L2 AR-1221-2	4.475	3.752	54358	64948	275.034	305.506
10)	L2 AR-1221-3	4.549	3.827	209897	251627	316.850	356.141
11)	L3 AR-1232-1	4.549	3.827	209897	251627	207.534	225.067
12)	L3 AR-1232-2	5.067	4.541	303507	746670	594.055	620.528
13)	L3 AR-1232-3	5.354	4.715	651057	399684	582.319	642.168
14)	L3 AR-1232-4	5.512	4.798	330437	408100	594.398	716.342
15)	L3 AR-1232-5	5.602	4.967	271960	438213	655.342	690.439
16)	L4 AR-1242-1	5.332	4.523	449142	533770	573.131	614.289
17)	L4 AR-1242-2	5.354	4.541	651057	746670	576.971	625.617
18)	L4 AR-1242-3	5.415	4.715	405224	399684	581.976	630.284
19)	L4 AR-1242-4	5.512	4.798	330437	408100	586.112	626.979
20)	L4 AR-1242-5	6.240	5.315	52555	332021	75.409	373.498 #
21)	L5 AR-1248-1	5.332	4.523	449142	533770	695.926	745.680
22)	L5 AR-1248-2	5.602	4.757	271960	333507	294.304	339.656
23)	L5 AR-1248-3	5.802	4.798	341084	408100	321.056	401.076
24)	L5 AR-1248-4	6.202	4.967	64178	438213	49.213	340.490 #
25)	L5 AR-1248-5	6.240	5.315	52555	332021	42.235	174.652 #
26)	L6 AR-1254-1	6.174	5.315	240606	332021	188.927	163.499
27)	L6 AR-1254-2	6.391	5.461	281423	318260	135.297	174.544 #
28)	L6 AR-1254-3	6.753	5.875	172594	631938	72.282	203.429 #
29)	L6 AR-1254-4	7.037	6.087	129560	94609	69.286	46.060 #
30)	L6 AR-1254-5	7.451	6.500	1075910	1281298	511.358	429.262
31)	L7 AR-1260-1	6.915	5.989	709324	902501	461.707	488.763
32)	L7 AR-1260-2	7.171	6.176	885671	1145261	448.668	492.245
33)	L7 AR-1260-3	7.527	6.328	696920	1044260	463.806	493.199
34)	L7 AR-1260-4	7.749	6.796	828549	926717	448.537	491.914
35)	L7 AR-1260-5	8.056	7.037	1635243	2233982	438.202	476.326
36)	L8 AR-1262-1	7.527	6.592	696920	490661	303.082	427.684 #
37)	L8 AR-1262-2	8.056	7.037	1635243	2233982	376.730	408.831
38)	L8 AR-1262-3	8.356	7.319	1049228	495811	360.561	238.049 #
39)	L8 AR-1262-4	8.424	7.382	261204	1636197	120.686	410.994 #
40)	L8 AR-1262-5	9.024	7.873	461683	566852	314.746	325.108
41)	L9 AR-1268-1	8.356	7.319	1049228	495811	203.021	77.537 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121419\
Data File : P0064595.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Dec 2019 8:54
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

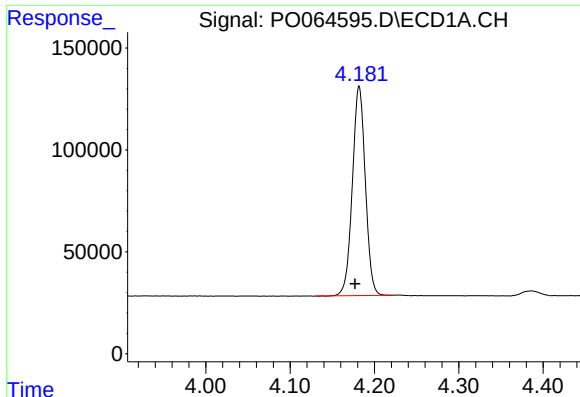
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 09:51:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 13 08:19:24 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
42)	L9 AR-1268-2	8.424	7.382	261204	1636197	55.547	280.725 #
43)	L9 AR-1268-3	8.633	7.587	26675	33222	6.920	6.955
44)	L9 AR-1268-4	9.024	7.873	461683	566852	274.615	281.611
45)	L9 AR-1268-5	9.394	8.146	120734	154657	10.174	10.691

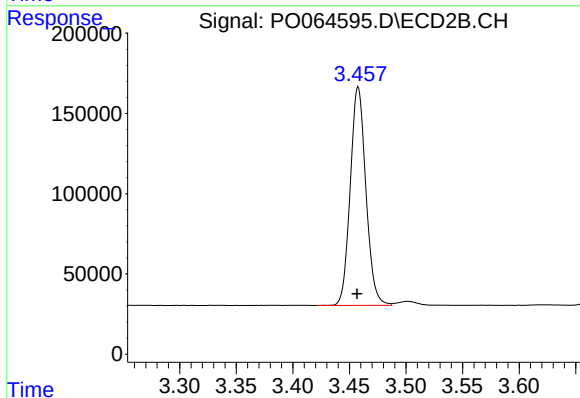
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

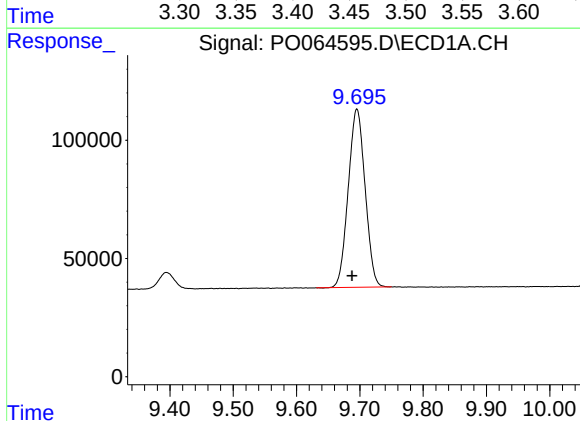
R.T.: 4.182 min
Delta R.T.: 0.005 min
Response: 1096291
Conc: 45.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



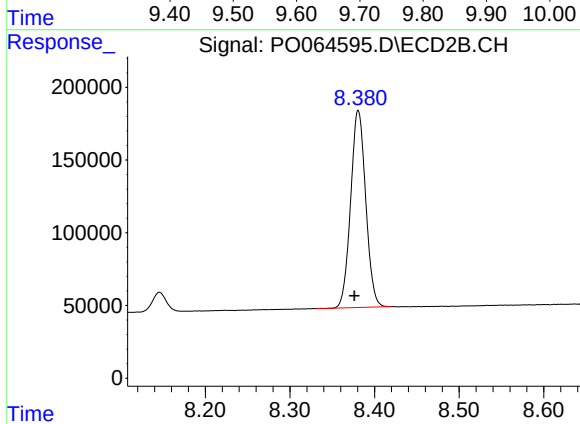
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.001 min
Response: 1310647
Conc: 51.70 ng/ml



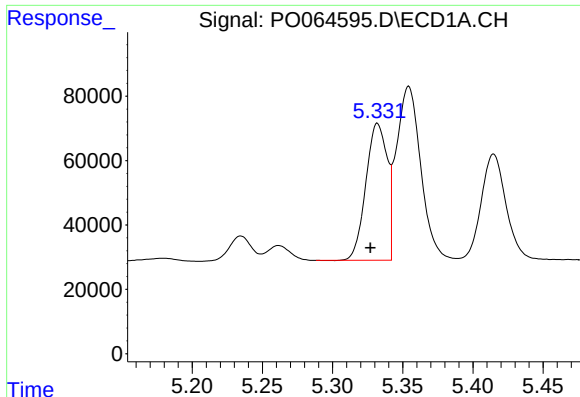
#2 Decachlorobiphenyl

R.T.: 9.695 min
Delta R.T.: 0.008 min
Response: 1395116
Conc: 45.46 ng/ml



#2 Decachlorobiphenyl

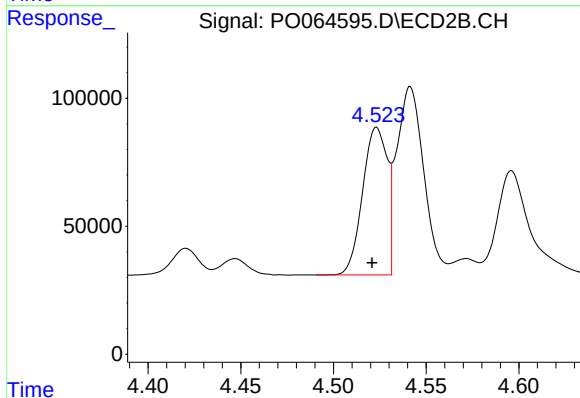
R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 1678234
Conc: 48.32 ng/ml



#3 AR-1016-1

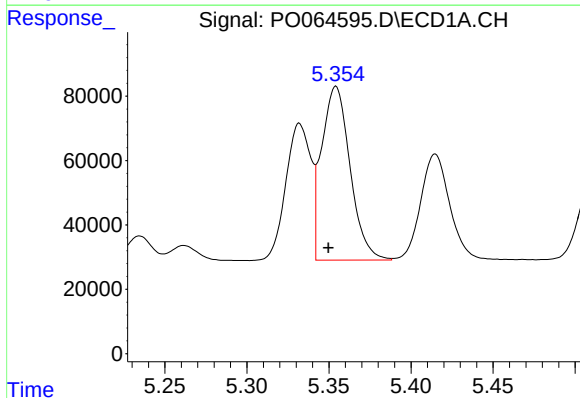
R.T.: 5.332 min
Delta R.T.: 0.005 min
Response: 449142
Conc: 450.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



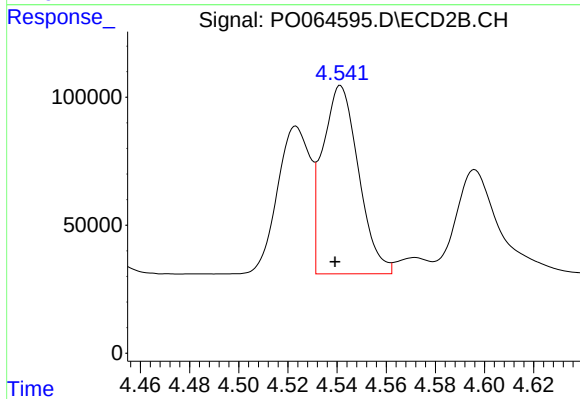
#3 AR-1016-1

R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 533770
Conc: 493.55 ng/ml



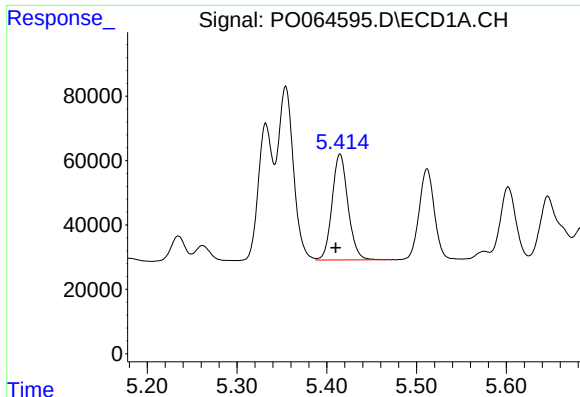
#4 AR-1016-2

R.T.: 5.354 min
Delta R.T.: 0.005 min
Response: 651057
Conc: 448.30 ng/ml



#4 AR-1016-2

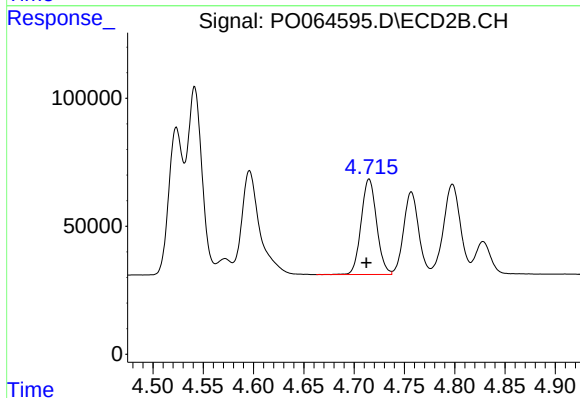
R.T.: 4.541 min
Delta R.T.: 0.002 min
Response: 746670
Conc: 496.50 ng/ml



#5 AR-1016-3

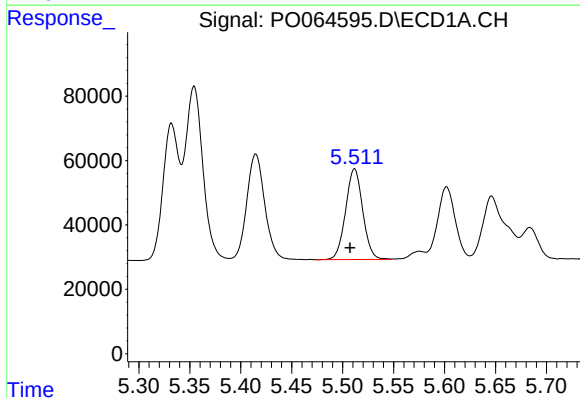
R.T.: 5.415 min
Delta R.T.: 0.005 min
Response: 405224
Conc: 457.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



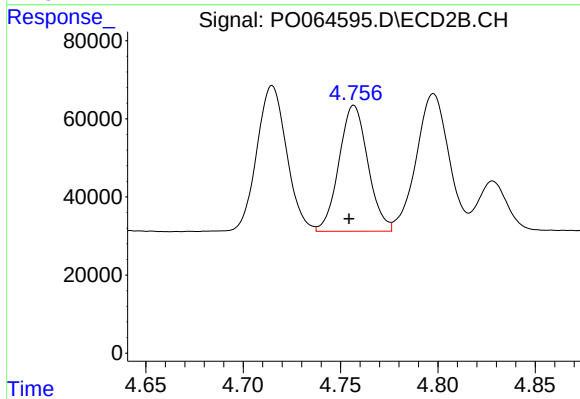
#5 AR-1016-3

R.T.: 4.715 min
Delta R.T.: 0.003 min
Response: 399684
Conc: 514.15 ng/ml



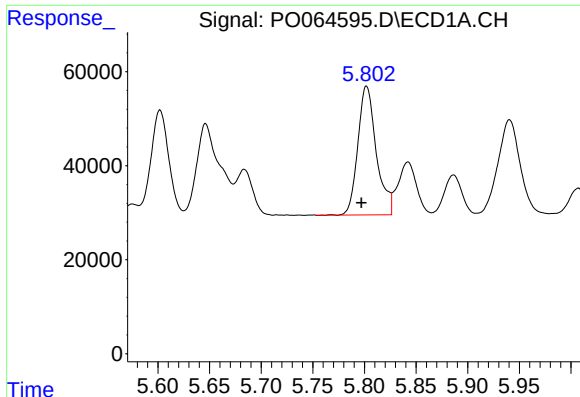
#6 AR-1016-4

R.T.: 5.512 min
Delta R.T.: 0.004 min
Response: 330437
Conc: 456.20 ng/ml



#6 AR-1016-4

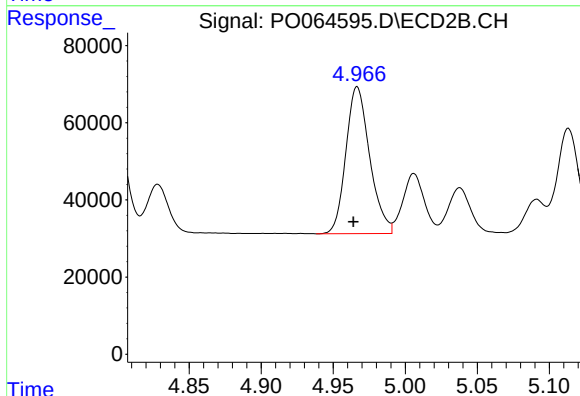
R.T.: 4.757 min
Delta R.T.: 0.003 min
Response: 333507
Conc: 507.24 ng/ml



#7 AR-1016-5

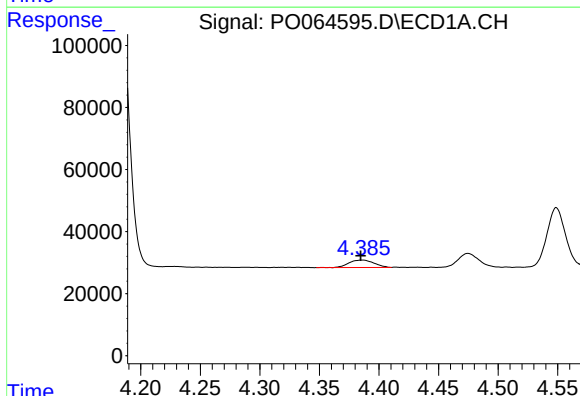
R.T.: 5.802 min
Delta R.T.: 0.005 min
Response: 341084
Conc: 468.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



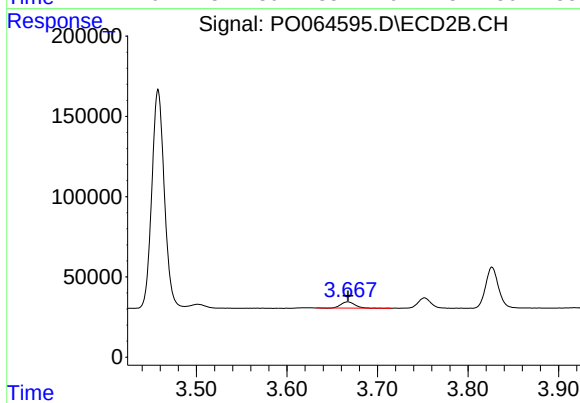
#7 AR-1016-5

R.T.: 4.967 min
Delta R.T.: 0.003 min
Response: 438213
Conc: 502.21 ng/ml



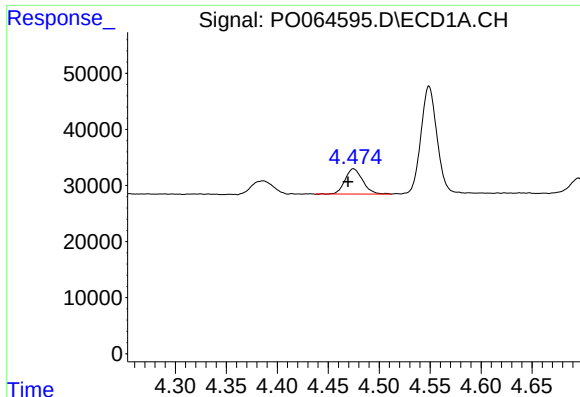
#8 AR-1221-1

R.T.: 4.386 min
Delta R.T.: 0.001 min
Response: 34936
Conc: 134.77 ng/ml



#8 AR-1221-1

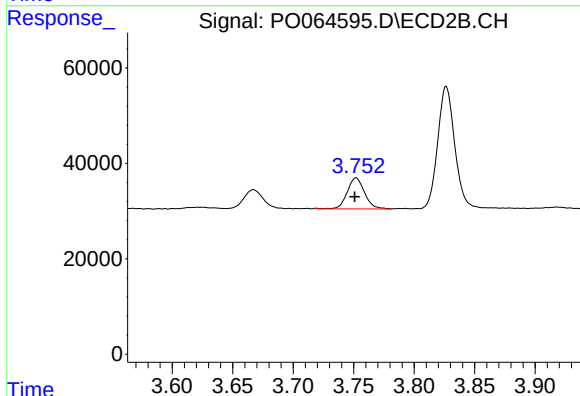
R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 42032
Conc: 150.17 ng/ml



#9 AR-1221-2

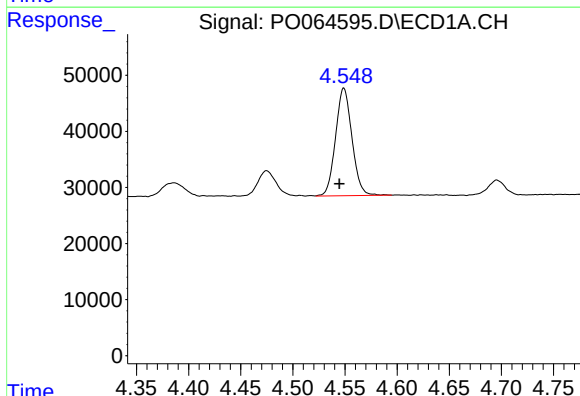
R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 54358
Conc: 275.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



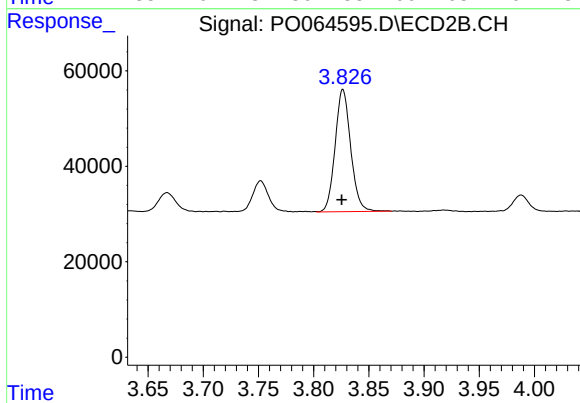
#9 AR-1221-2

R.T.: 3.752 min
Delta R.T.: 0.001 min
Response: 64948
Conc: 305.51 ng/ml



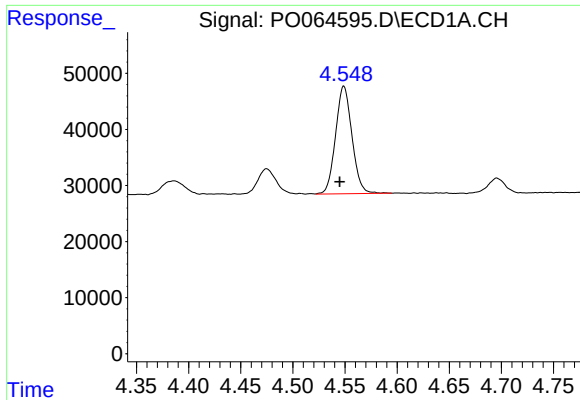
#10 AR-1221-3

R.T.: 4.549 min
Delta R.T.: 0.004 min
Response: 209897
Conc: 316.85 ng/ml



#10 AR-1221-3

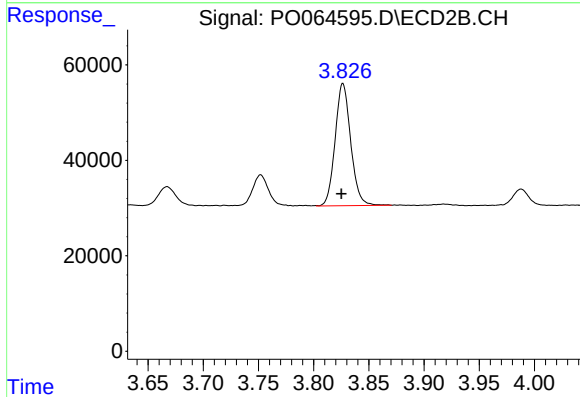
R.T.: 3.827 min
Delta R.T.: 0.001 min
Response: 251627
Conc: 356.14 ng/ml



#11 AR-1232-1

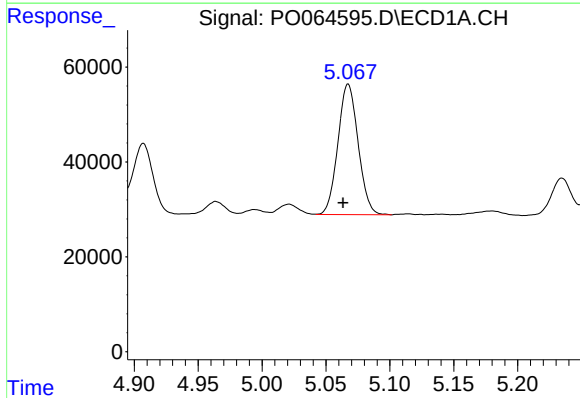
R.T.: 4.549 min
Delta R.T.: 0.004 min
Response: 209897
Conc: 207.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



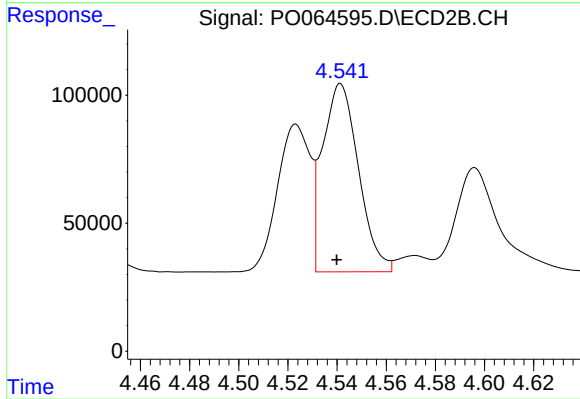
#11 AR-1232-1

R.T.: 3.827 min
Delta R.T.: 0.001 min
Response: 251627
Conc: 225.07 ng/ml



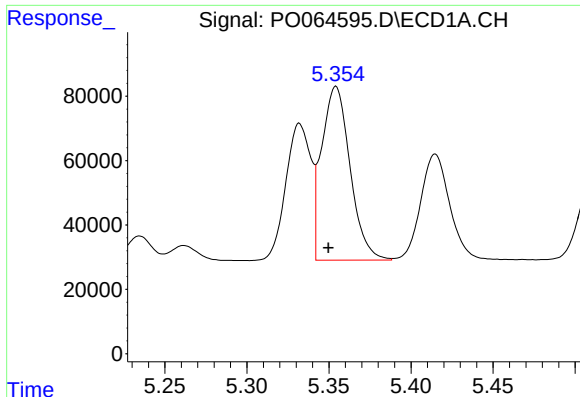
#12 AR-1232-2

R.T.: 5.067 min
Delta R.T.: 0.004 min
Response: 303507
Conc: 594.06 ng/ml



#12 AR-1232-2

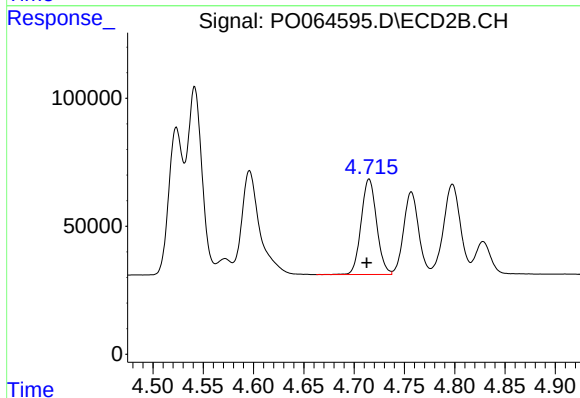
R.T.: 4.541 min
Delta R.T.: 0.002 min
Response: 746670
Conc: 620.53 ng/ml



#13 AR-1232-3

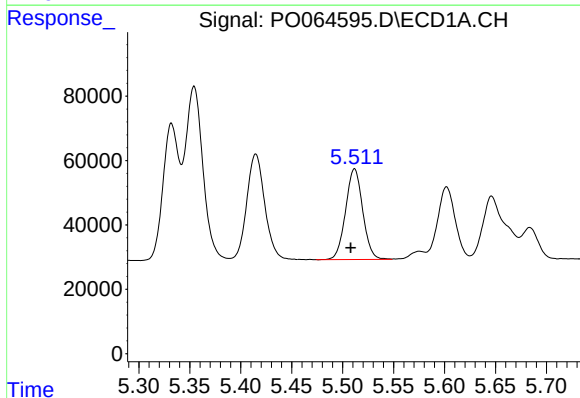
R.T.: 5.354 min
Delta R.T.: 0.005 min
Response: 651057
Conc: 582.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



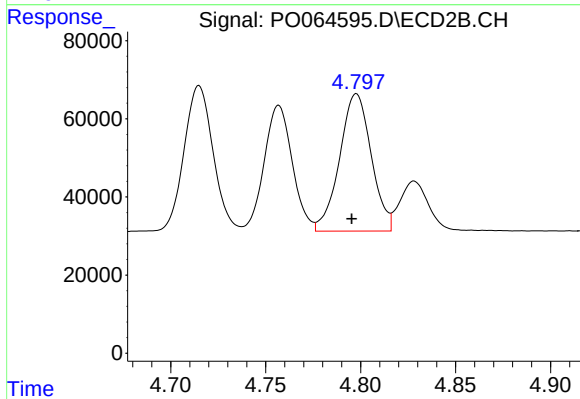
#13 AR-1232-3

R.T.: 4.715 min
Delta R.T.: 0.002 min
Response: 399684
Conc: 642.17 ng/ml



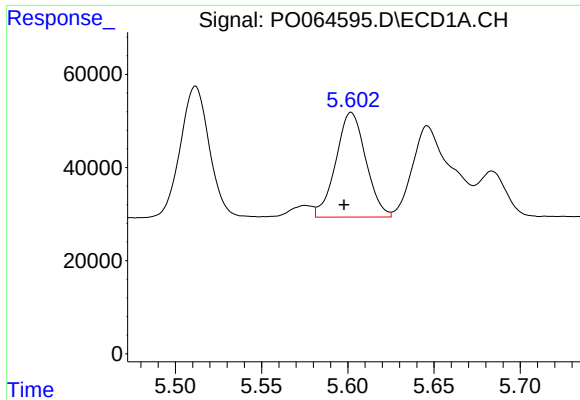
#14 AR-1232-4

R.T.: 5.512 min
Delta R.T.: 0.004 min
Response: 330437
Conc: 594.40 ng/ml



#14 AR-1232-4

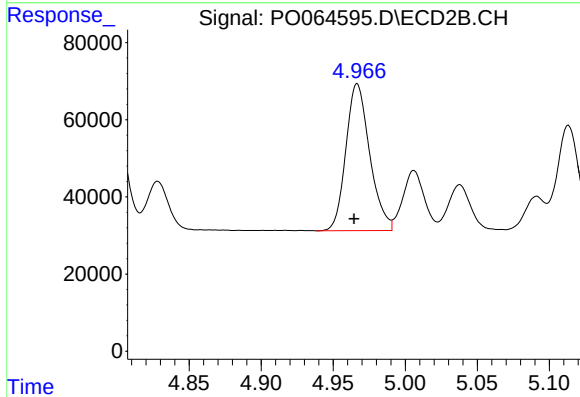
R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 408100
Conc: 716.34 ng/ml



#15 AR-1232-5

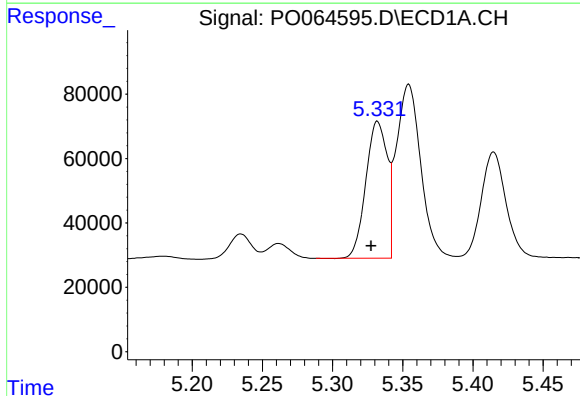
R.T.: 5.602 min
Delta R.T.: 0.004 min
Response: 271960
Conc: 655.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



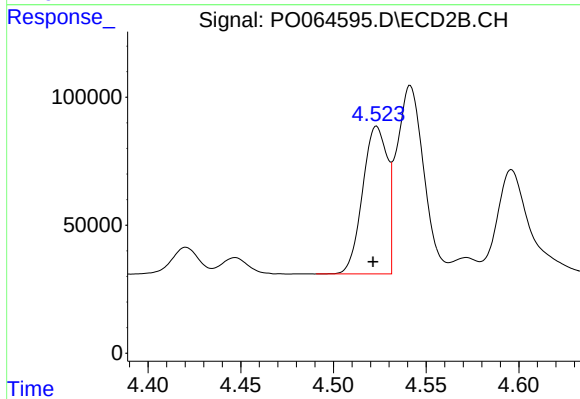
#15 AR-1232-5

R.T.: 4.967 min
Delta R.T.: 0.002 min
Response: 438213
Conc: 690.44 ng/ml



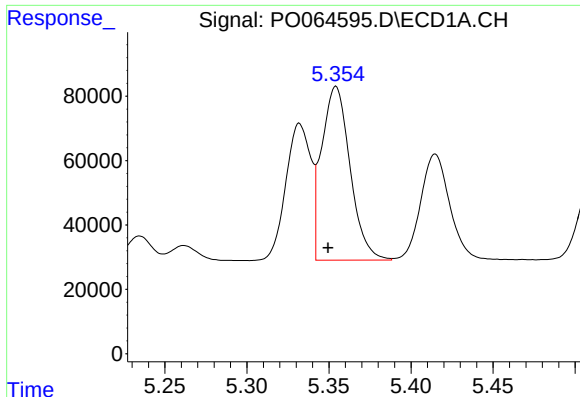
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: 0.005 min
Response: 449142
Conc: 573.13 ng/ml



#16 AR-1242-1

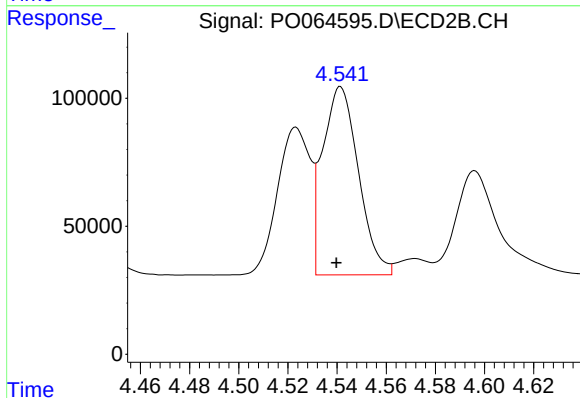
R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 533770
Conc: 614.29 ng/ml



#17 AR-1242-2

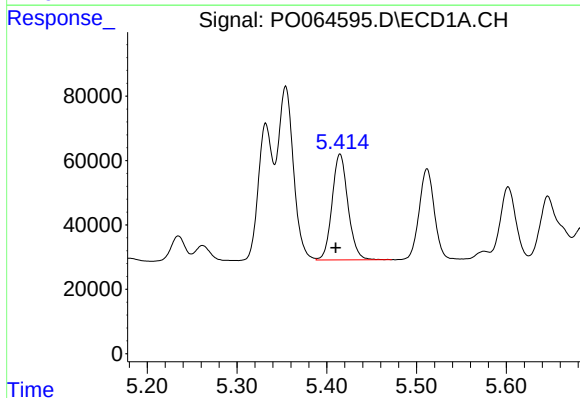
R.T.: 5.354 min
Delta R.T.: 0.005 min
Response: 651057
Conc: 576.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



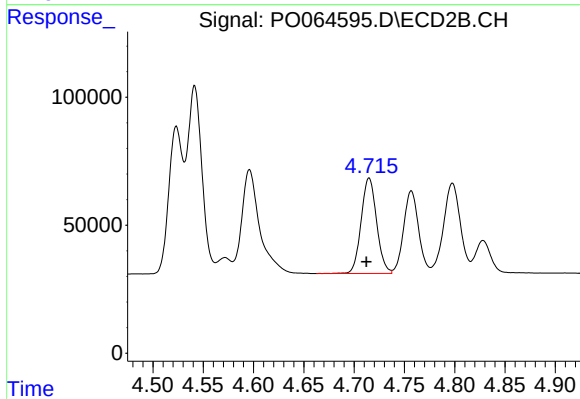
#17 AR-1242-2

R.T.: 4.541 min
Delta R.T.: 0.002 min
Response: 746670
Conc: 625.62 ng/ml



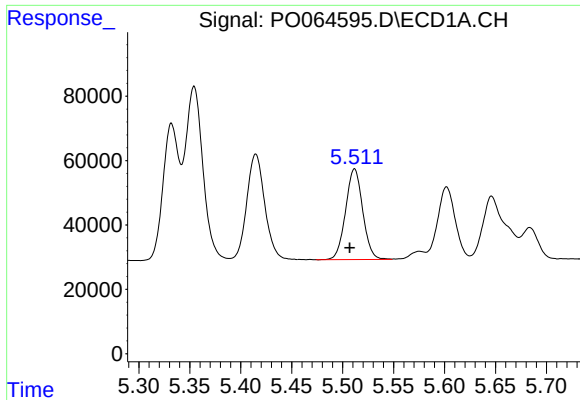
#18 AR-1242-3

R.T.: 5.415 min
Delta R.T.: 0.005 min
Response: 405224
Conc: 581.98 ng/ml



#18 AR-1242-3

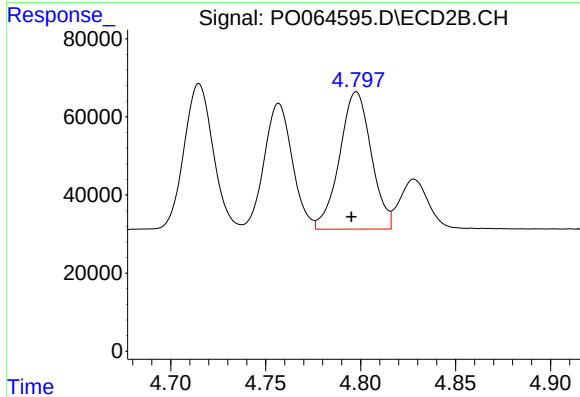
R.T.: 4.715 min
Delta R.T.: 0.003 min
Response: 399684
Conc: 630.28 ng/ml



#19 AR-1242-4

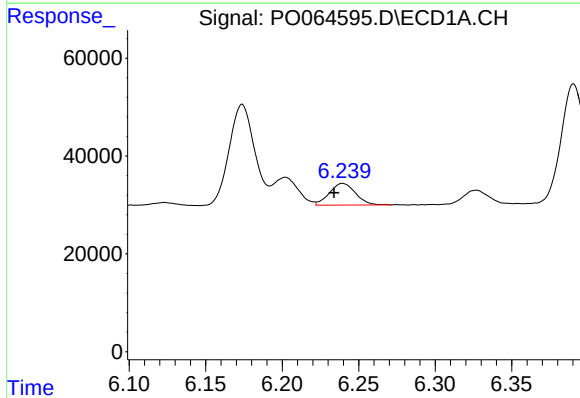
R.T.: 5.512 min
Delta R.T.: 0.005 min
Response: 330437
Conc: 586.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



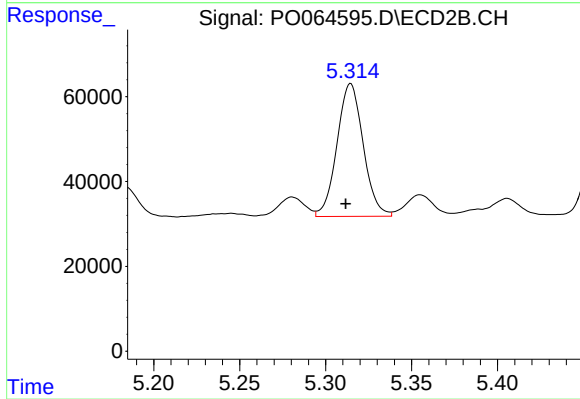
#19 AR-1242-4

R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 408100
Conc: 626.98 ng/ml



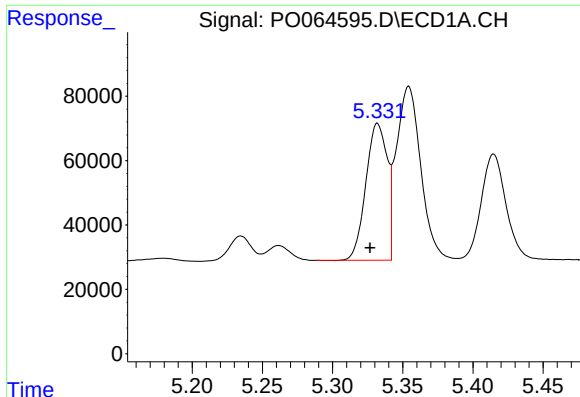
#20 AR-1242-5

R.T.: 6.240 min
Delta R.T.: 0.006 min
Response: 52555
Conc: 75.41 ng/ml



#20 AR-1242-5

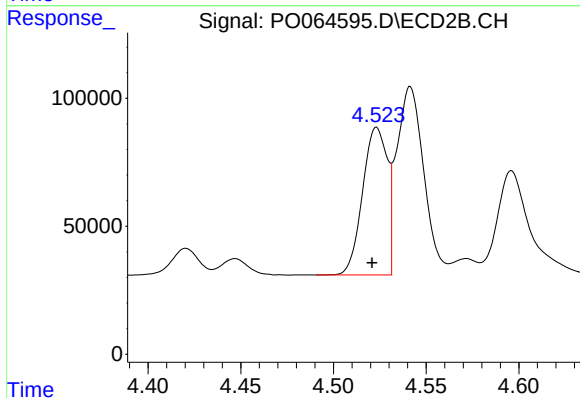
R.T.: 5.315 min
Delta R.T.: 0.003 min
Response: 332021
Conc: 373.50 ng/ml



#21 AR-1248-1

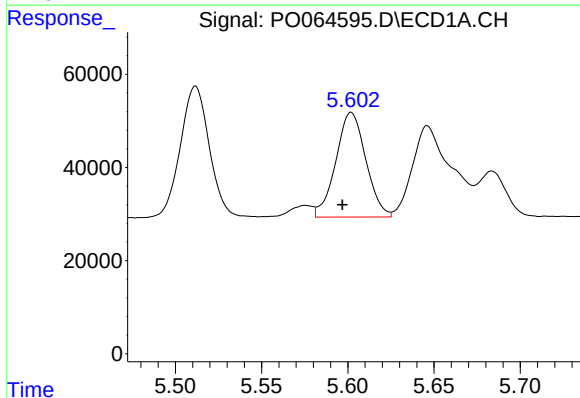
R.T.: 5.332 min
Delta R.T.: 0.005 min
Response: 449142
Conc: 695.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



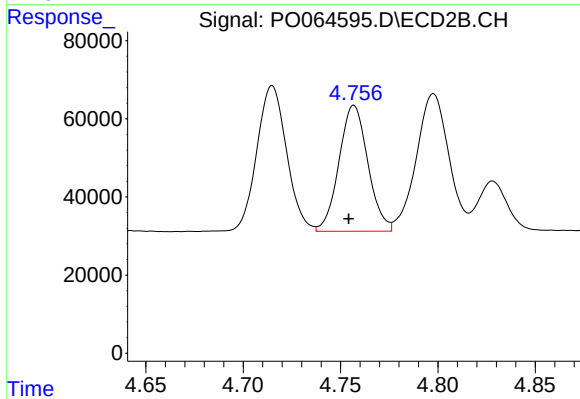
#21 AR-1248-1

R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 533770
Conc: 745.68 ng/ml



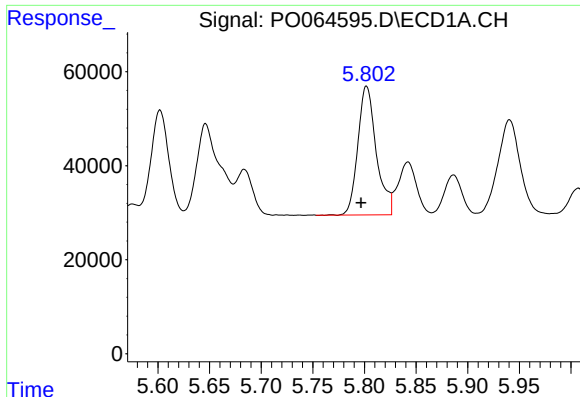
#22 AR-1248-2

R.T.: 5.602 min
Delta R.T.: 0.005 min
Response: 271960
Conc: 294.30 ng/ml



#22 AR-1248-2

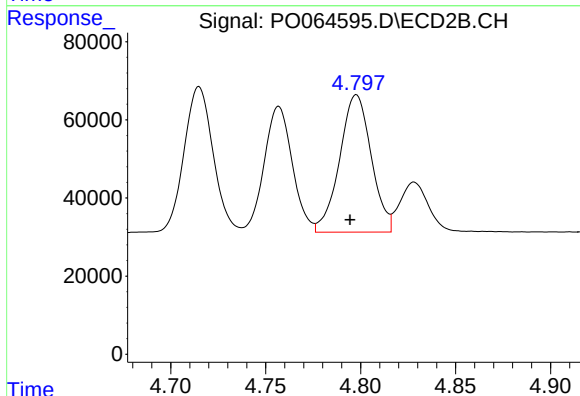
R.T.: 4.757 min
Delta R.T.: 0.003 min
Response: 333507
Conc: 339.66 ng/ml



#23 AR-1248-3

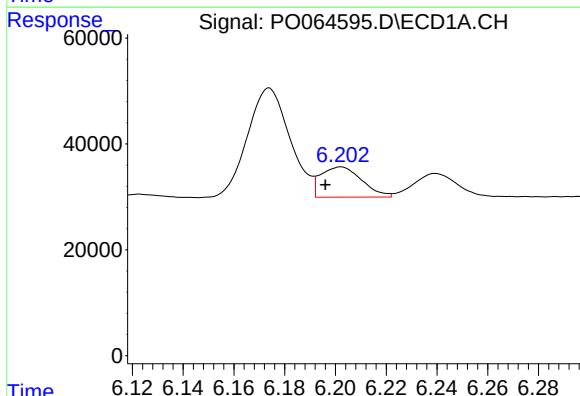
R.T.: 5.802 min
Delta R.T.: 0.005 min
Response: 341084
Conc: 321.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



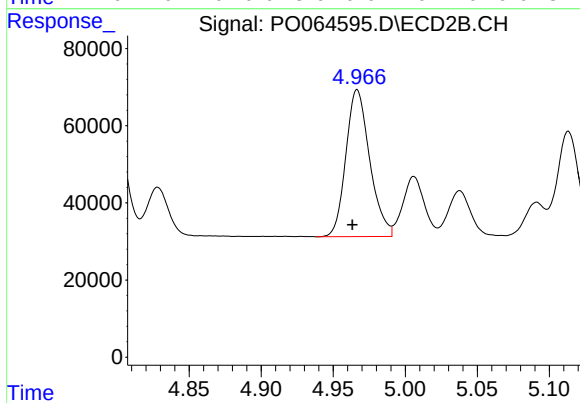
#23 AR-1248-3

R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 408100
Conc: 401.08 ng/ml



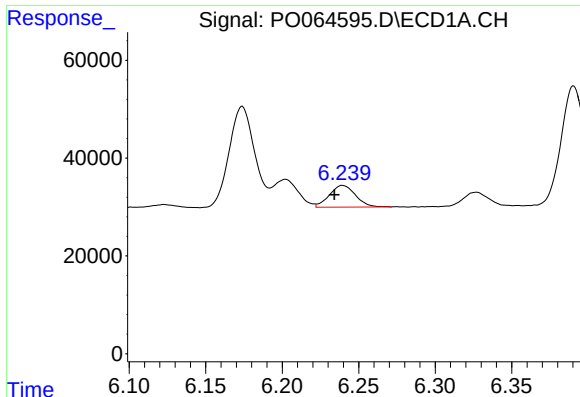
#24 AR-1248-4

R.T.: 6.202 min
Delta R.T.: 0.006 min
Response: 64178
Conc: 49.21 ng/ml



#24 AR-1248-4

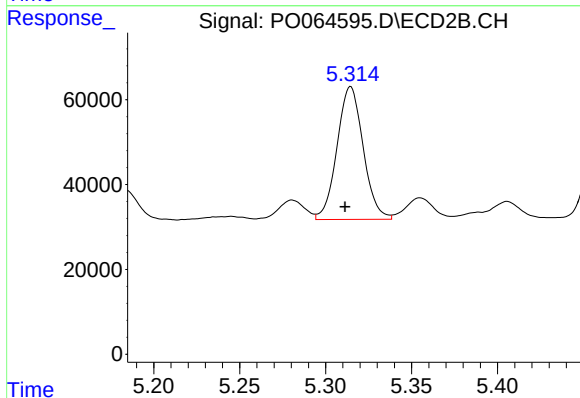
R.T.: 4.967 min
Delta R.T.: 0.003 min
Response: 438213
Conc: 340.49 ng/ml



#25 AR-1248-5

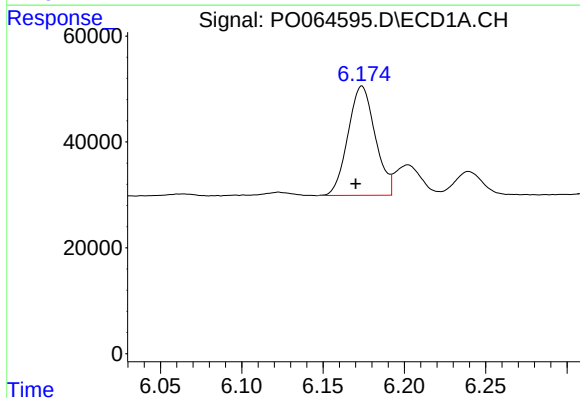
R.T.: 6.240 min
Delta R.T.: 0.005 min
Response: 52555
Conc: 42.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



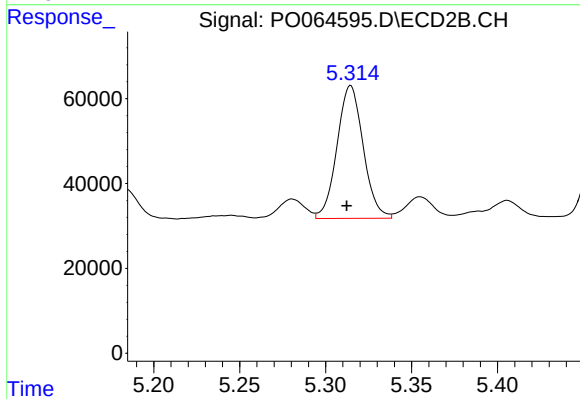
#25 AR-1248-5

R.T.: 5.315 min
Delta R.T.: 0.003 min
Response: 332021
Conc: 174.65 ng/ml



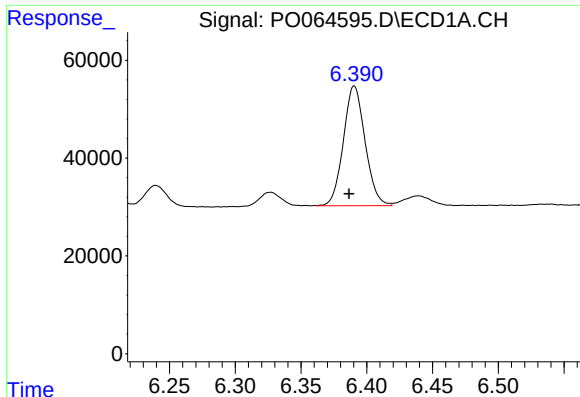
#26 AR-1254-1

R.T.: 6.174 min
Delta R.T.: 0.004 min
Response: 240606
Conc: 188.93 ng/ml



#26 AR-1254-1

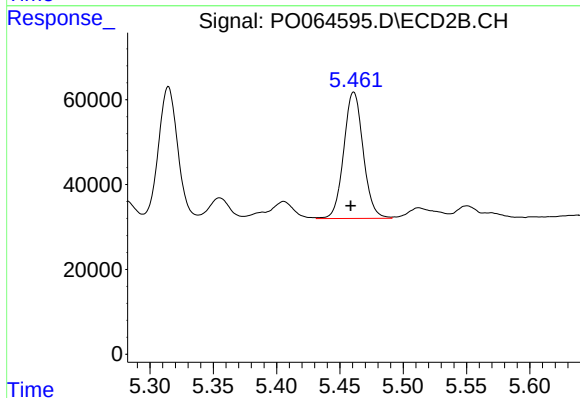
R.T.: 5.315 min
Delta R.T.: 0.002 min
Response: 332021
Conc: 163.50 ng/ml



#27 AR-1254-2

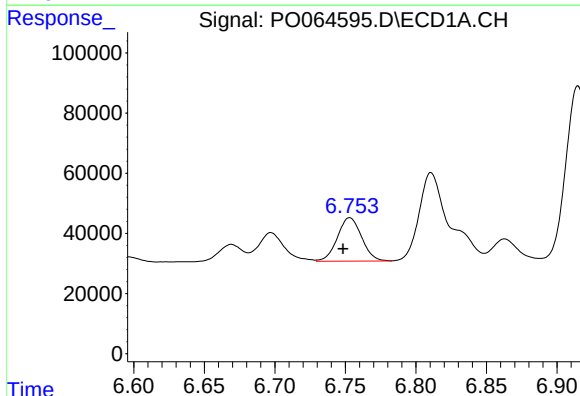
R.T.: 6.391 min
Delta R.T.: 0.004 min
Response: 281423
Conc: 135.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



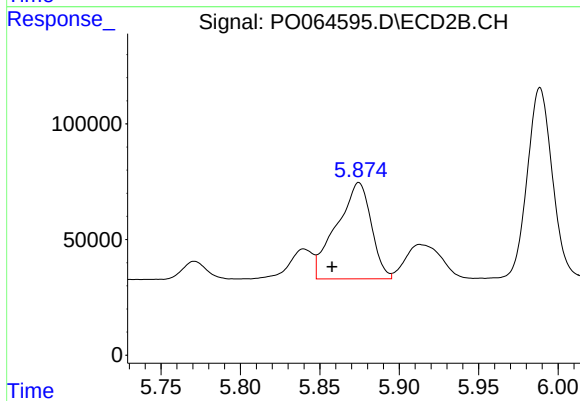
#27 AR-1254-2

R.T.: 5.461 min
Delta R.T.: 0.002 min
Response: 318260
Conc: 174.54 ng/ml



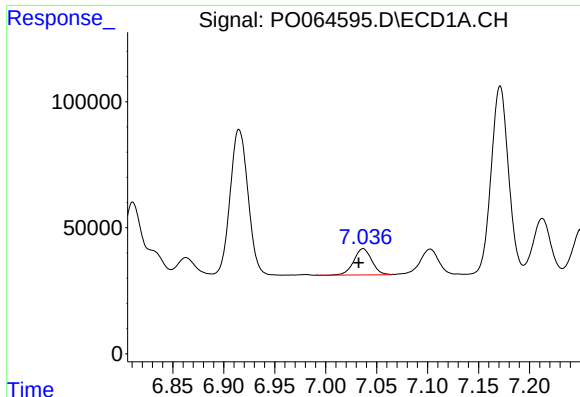
#28 AR-1254-3

R.T.: 6.753 min
Delta R.T.: 0.005 min
Response: 172594
Conc: 72.28 ng/ml



#28 AR-1254-3

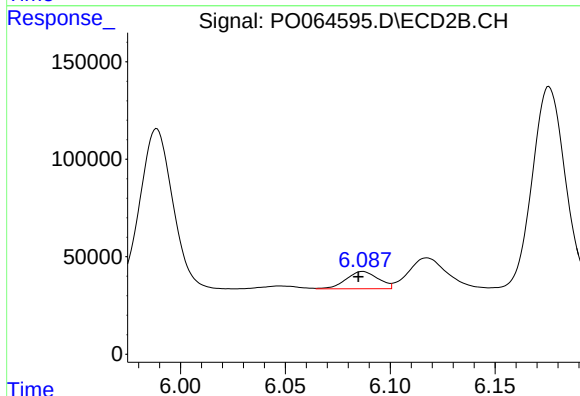
R.T.: 5.875 min
Delta R.T.: 0.017 min
Response: 631938
Conc: 203.43 ng/ml



#29 AR-1254-4

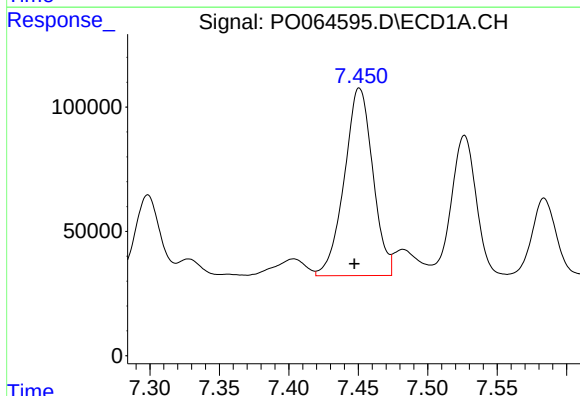
R.T.: 7.037 min
Delta R.T.: 0.004 min
Response: 129560
Conc: 69.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



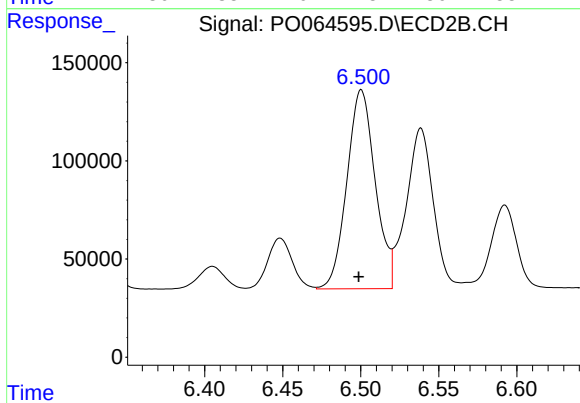
#29 AR-1254-4

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 94609
Conc: 46.06 ng/ml



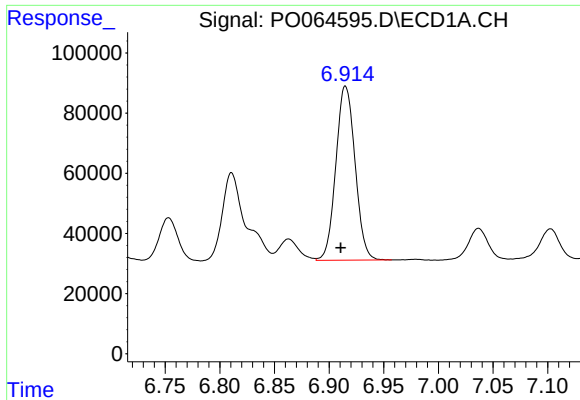
#30 AR-1254-5

R.T.: 7.451 min
Delta R.T.: 0.004 min
Response: 1075910
Conc: 511.36 ng/ml



#30 AR-1254-5

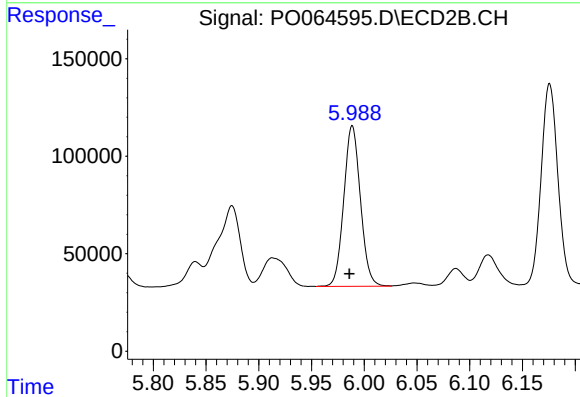
R.T.: 6.500 min
Delta R.T.: 0.002 min
Response: 1281298
Conc: 429.26 ng/ml



#31 AR-1260-1

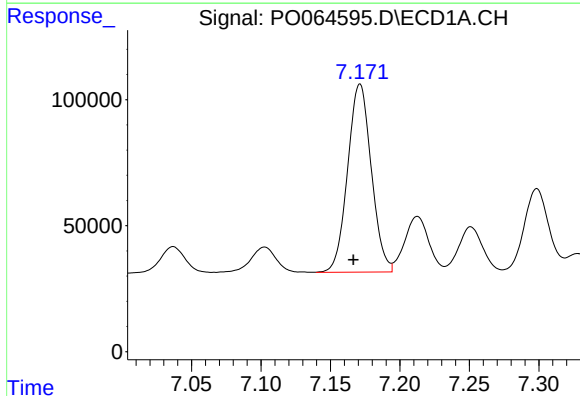
R.T.: 6.915 min
Delta R.T.: 0.004 min
Response: 709324
Conc: 461.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



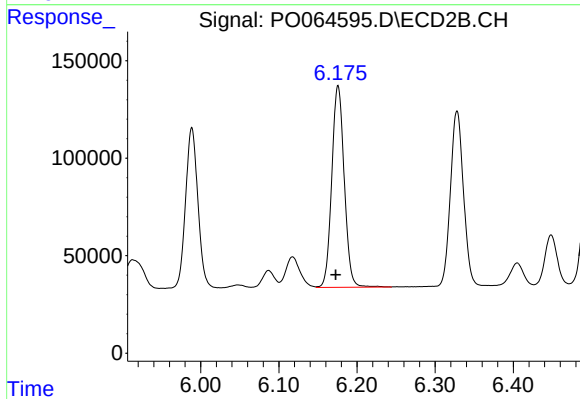
#31 AR-1260-1

R.T.: 5.989 min
Delta R.T.: 0.003 min
Response: 902501
Conc: 488.76 ng/ml



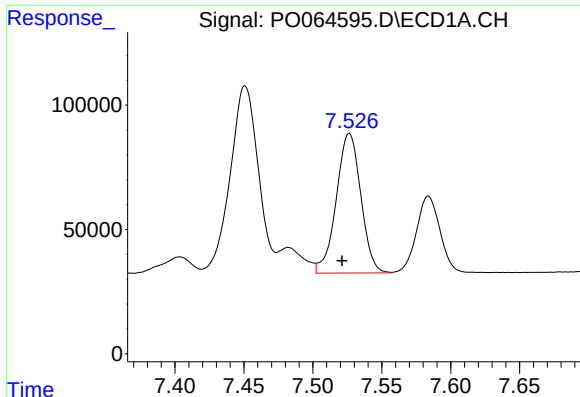
#32 AR-1260-2

R.T.: 7.171 min
Delta R.T.: 0.005 min
Response: 885671
Conc: 448.67 ng/ml



#32 AR-1260-2

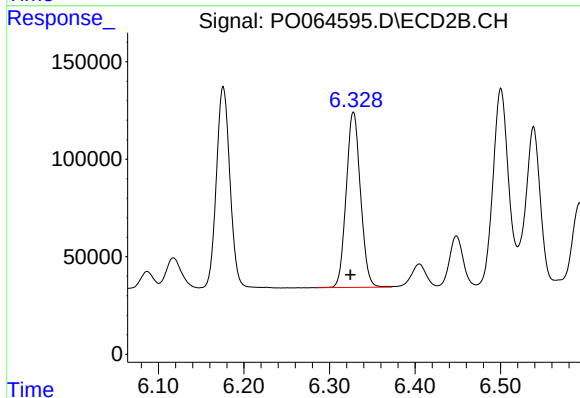
R.T.: 6.176 min
Delta R.T.: 0.003 min
Response: 1145261
Conc: 492.25 ng/ml



#33 AR-1260-3

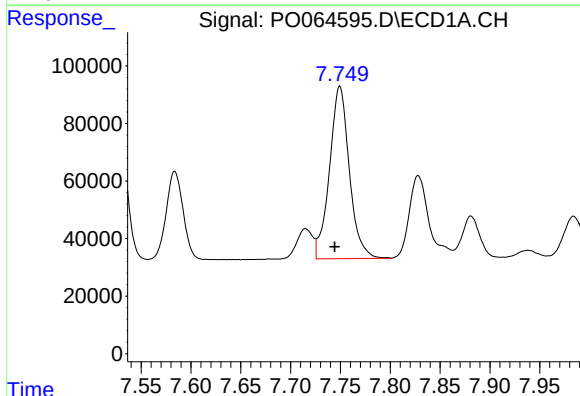
R.T.: 7.527 min
Delta R.T.: 0.005 min
Response: 696920
Conc: 463.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



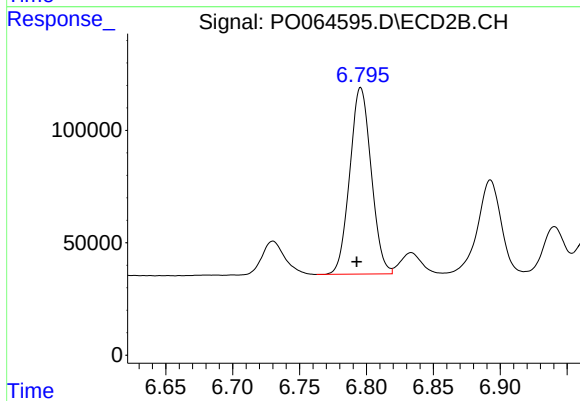
#33 AR-1260-3

R.T.: 6.328 min
Delta R.T.: 0.004 min
Response: 1044260
Conc: 493.20 ng/ml



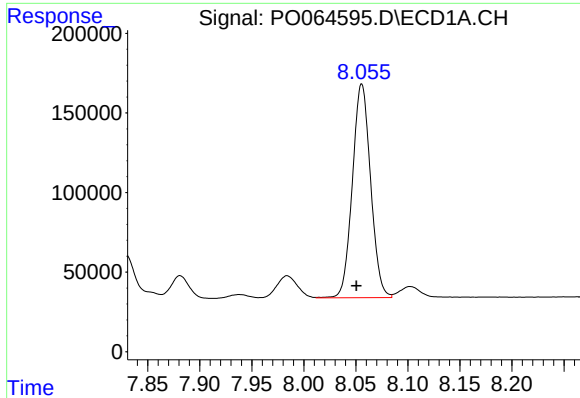
#34 AR-1260-4

R.T.: 7.749 min
Delta R.T.: 0.005 min
Response: 828549
Conc: 448.54 ng/ml



#34 AR-1260-4

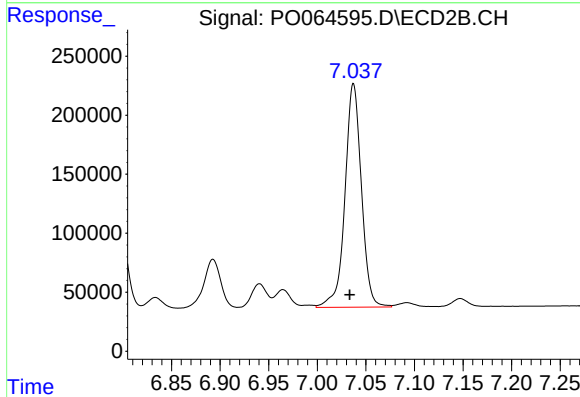
R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 926717
Conc: 491.91 ng/ml



#35 AR-1260-5

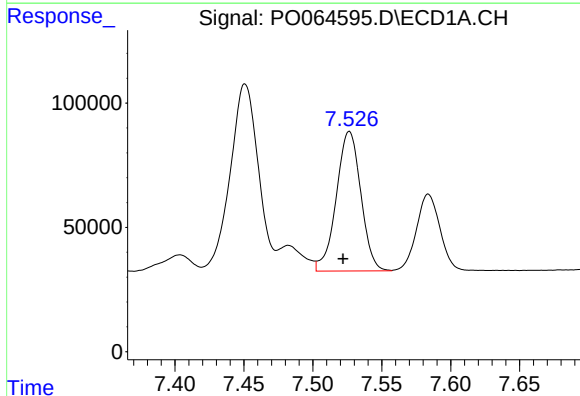
R.T.: 8.056 min
Delta R.T.: 0.005 min
Response: 1635243
Conc: 438.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



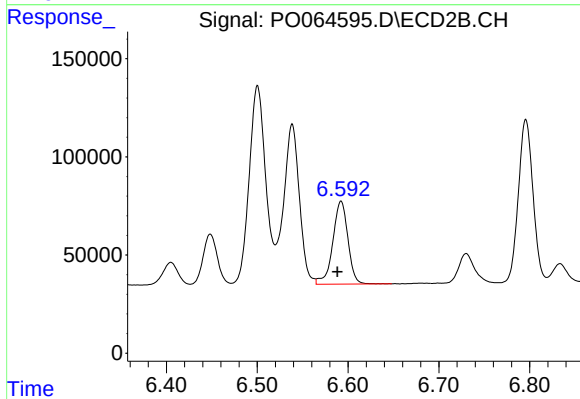
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: 0.004 min
Response: 2233982
Conc: 476.33 ng/ml



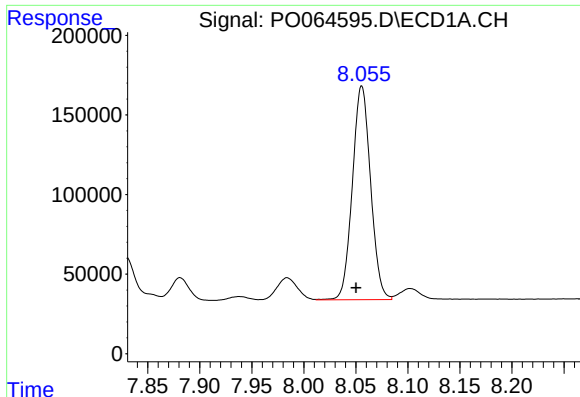
#36 AR-1262-1

R.T.: 7.527 min
Delta R.T.: 0.005 min
Response: 696920
Conc: 303.08 ng/ml



#36 AR-1262-1

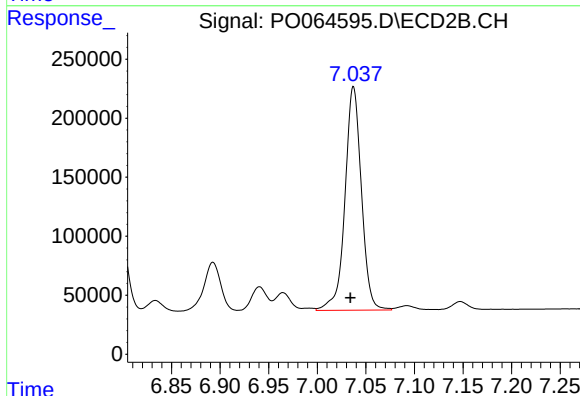
R.T.: 6.592 min
Delta R.T.: 0.004 min
Response: 490661
Conc: 427.68 ng/ml



#37 AR-1262-2

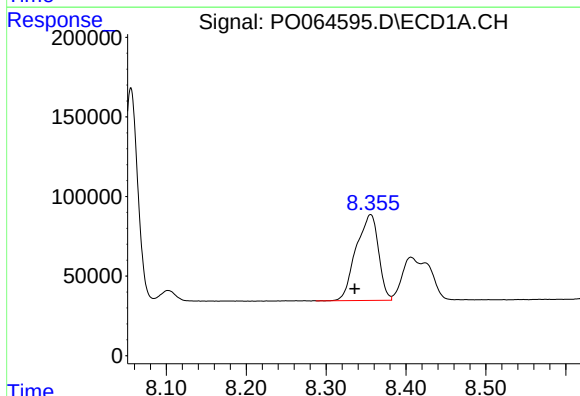
R.T.: 8.056 min
Delta R.T.: 0.005 min
Response: 1635243
Conc: 376.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



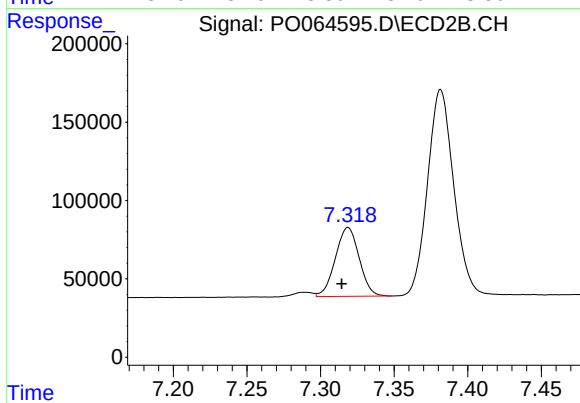
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: 0.003 min
Response: 2233982
Conc: 408.83 ng/ml



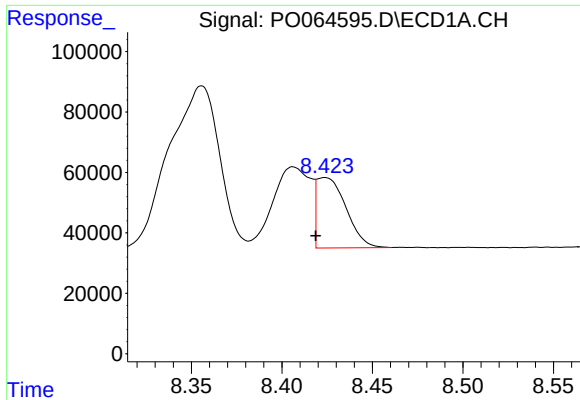
#38 AR-1262-3

R.T.: 8.356 min
Delta R.T.: 0.020 min
Response: 1049228
Conc: 360.56 ng/ml



#38 AR-1262-3

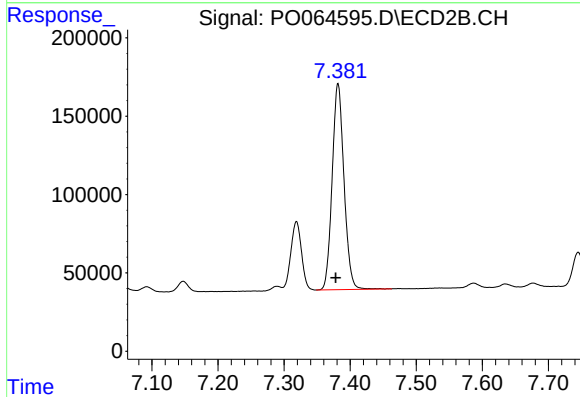
R.T.: 7.319 min
Delta R.T.: 0.004 min
Response: 495811
Conc: 238.05 ng/ml



#39 AR-1262-4

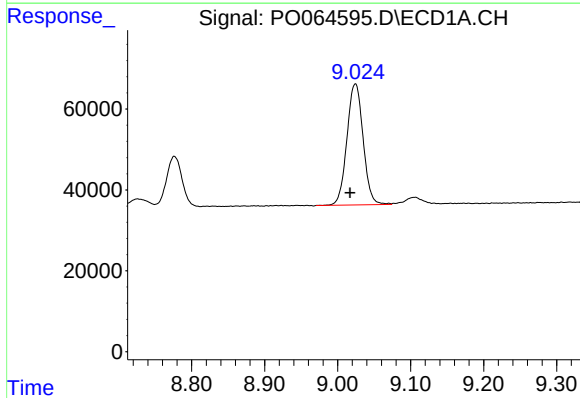
R.T.: 8.424 min
Delta R.T.: 0.005 min
Response: 261204
Conc: 120.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



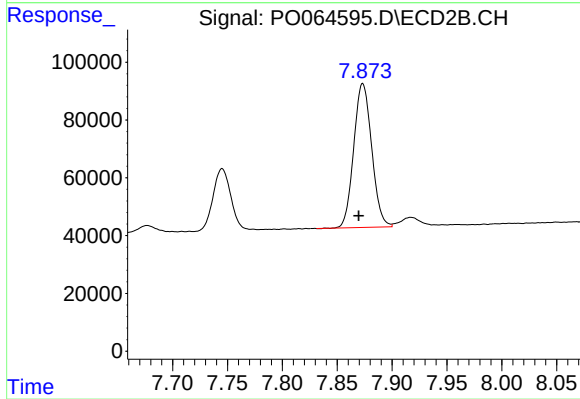
#39 AR-1262-4

R.T.: 7.382 min
Delta R.T.: 0.004 min
Response: 1636197
Conc: 410.99 ng/ml



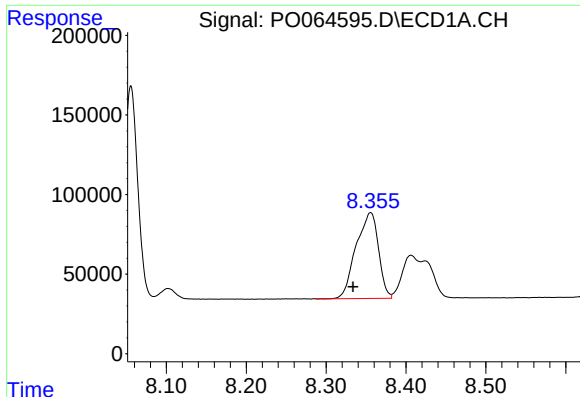
#40 AR-1262-5

R.T.: 9.024 min
Delta R.T.: 0.007 min
Response: 461683
Conc: 314.75 ng/ml



#40 AR-1262-5

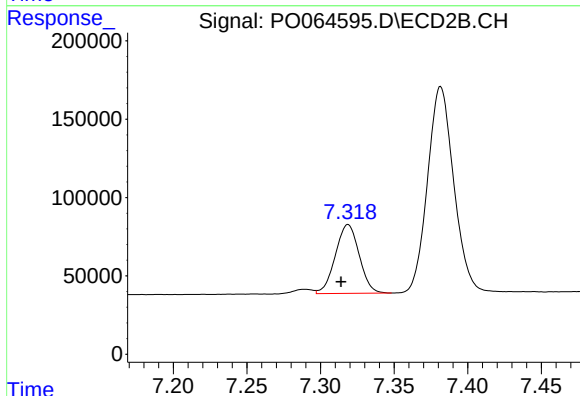
R.T.: 7.873 min
Delta R.T.: 0.004 min
Response: 566852
Conc: 325.11 ng/ml



#41 AR-1268-1

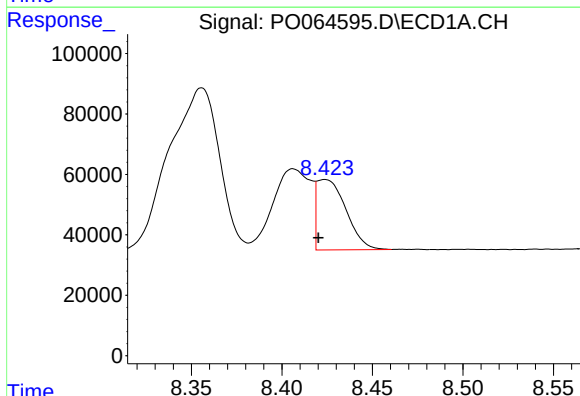
R.T.: 8.356 min
Delta R.T.: 0.022 min
Response: 1049228
Conc: 203.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



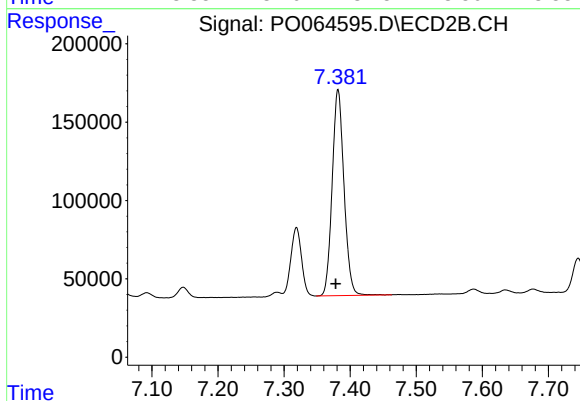
#41 AR-1268-1

R.T.: 7.319 min
Delta R.T.: 0.005 min
Response: 495811
Conc: 77.54 ng/ml



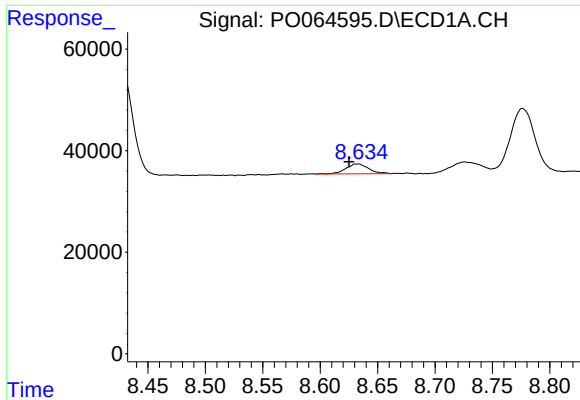
#42 AR-1268-2

R.T.: 8.424 min
Delta R.T.: 0.004 min
Response: 261204
Conc: 55.55 ng/ml



#42 AR-1268-2

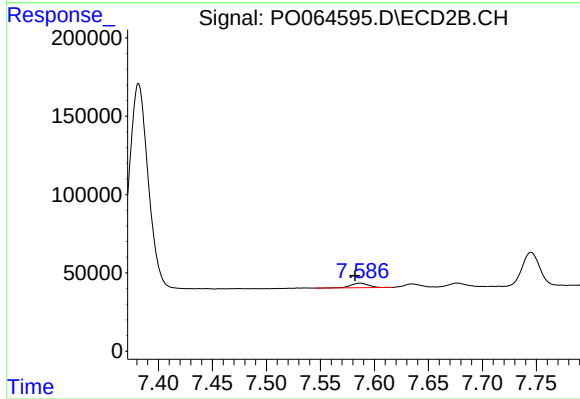
R.T.: 7.382 min
Delta R.T.: 0.004 min
Response: 1636197
Conc: 280.73 ng/ml



#43 AR-1268-3

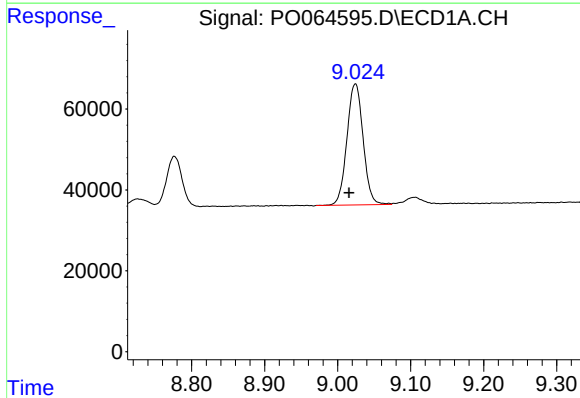
R.T.: 8.633 min
Delta R.T.: 0.007 min
Response: 26675
Conc: 6.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



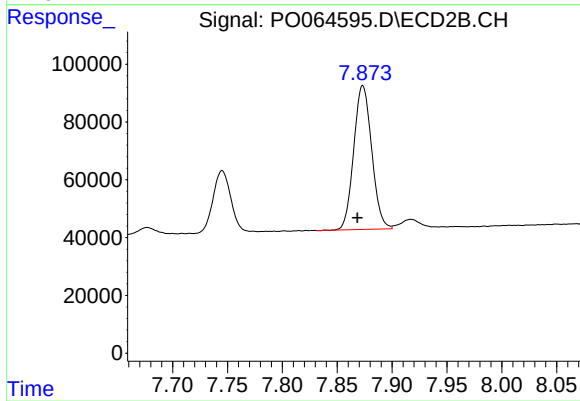
#43 AR-1268-3

R.T.: 7.587 min
Delta R.T.: 0.005 min
Response: 33222
Conc: 6.96 ng/ml



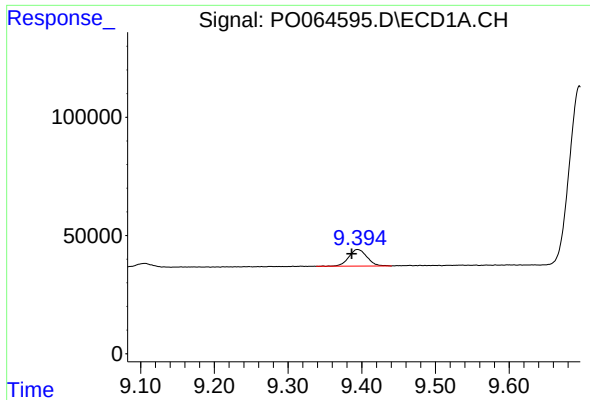
#44 AR-1268-4

R.T.: 9.024 min
Delta R.T.: 0.009 min
Response: 461683
Conc: 274.61 ng/ml



#44 AR-1268-4

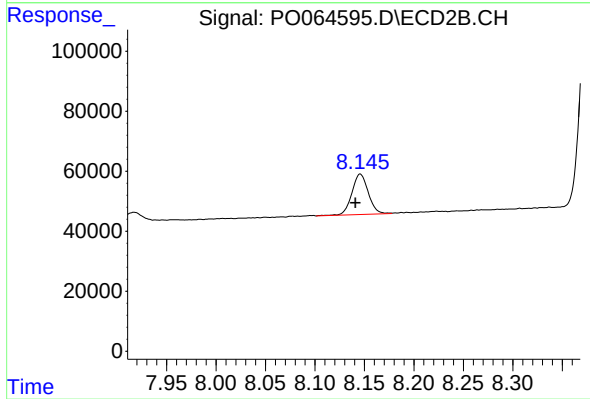
R.T.: 7.873 min
Delta R.T.: 0.005 min
Response: 566852
Conc: 281.61 ng/ml



#45 AR-1268-5

R.T.: 9.394 min
Delta R.T.: 0.008 min
Response: 120734
Conc: 10.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.146 min
Delta R.T.: 0.005 min
Response: 154657
Conc: 10.69 ng/ml