

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051619\
 Data File : P0056287.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 May 2019 13:02
 Operator : SM/SJ
 Sample : K2836-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CULVER-CBTC-WC1-051019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:47:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 03 15:20:04 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...	4.260	3.577	953773	884109	31.871	31.303
2)	SA Decachlor...	9.844	8.521	862267	639342	23.045	23.642
Target Compounds							
3)	L1 AR-1016-1	5.443	4.665	363544	310477	255.815	231.025
4)	L1 AR-1016-2	5.443	4.665	363544	310477	183.713	170.036
5)	L1 AR-1016-3	5.504	4.838	224076	163476	174.822	163.129
6)	L1 AR-1016-4	5.602	4.879	181125	122436	173.287	150.481
7)	L1 AR-1016-5	5.933	5.090	77987	159739	69.228	145.104 #
8)	L2 AR-1221-1	4.558	0.000	38111	0	87.663	N.D. #
9)	L2 AR-1221-2	4.558	0.000	38111	0	113.650	N.D. #
10)	L2 AR-1221-3	4.632	0.000	128976	0	128.260	N.D. #
11)	L3 AR-1232-1	4.632	0.000	128976	0	150.164	N.D. #
12)	L3 AR-1232-2	5.155	4.665	179246	310477	369.491	354.245
13)	L3 AR-1232-3	5.443	4.838	363544	163476	375.761	340.810
14)	L3 AR-1232-4	5.602	4.920	181125	133296	356.166	313.813
15)	L3 AR-1232-5	5.691	5.090	172354	159739	396.970	329.625
16)	L4 AR-1242-1	5.443	4.665	363544	310477	300.252	277.058
17)	L4 AR-1242-2	5.443	4.665	363544	310477	215.319	204.067
18)	L4 AR-1242-3	5.504	4.838	224076	163476	204.535	188.768
19)	L4 AR-1242-4	5.602	4.920	181125	133296	201.290	159.121
20)	L4 AR-1242-5	6.333	5.439	32443	134927	29.656	112.402 #
21)	L5 AR-1248-1	5.443	4.665	363544	310477	401.653	370.264
22)	L5 AR-1248-2	5.691	4.879	172354	122436	129.238	111.431
23)	L5 AR-1248-3	5.893	4.920	184962	133296	125.251	117.426
24)	L5 AR-1248-4	6.333	5.090	32443	159739	18.605	113.760 #
25)	L5 AR-1248-5	6.333	5.439	32443	134927	19.423	90.088 #
26)	L6 AR-1254-1	6.295	5.439	39717	134927	18.914	50.415 #
27)	L6 AR-1254-2	6.484	5.584	172125	135919	51.863	55.643
28)	L6 AR-1254-3	6.850	5.998	140349	231538	38.605	58.357 #
29)	L6 AR-1254-4	7.133	6.300	72613	426555	26.689	159.093 #
30)	L6 AR-1254-5	7.580	6.662	63150	290330	22.033	80.231 #
31)	L7 AR-1260-1	7.010	6.113	374777	327511	173.549	148.653
32)	L7 AR-1260-2	7.267	6.300	437777	426555	167.162	139.690
33)	L7 AR-1260-3	7.623	6.452	271276	365055	135.639	146.489
34)	L7 AR-1260-4	7.848	6.921	324157	247230	140.170	119.813
35)	L7 AR-1260-5	8.157	7.162	554416	582032	130.687	115.890
36)	L8 AR-1262-1	7.623	6.662	271276	290330	84.619	70.798
37)	L8 AR-1262-2	8.157	7.162	554416	582032	103.268	93.083
38)	L8 AR-1262-3	8.466	7.506	414647	404744	114.264	164.332 #
39)	L8 AR-1262-4	8.517	7.506	215641	404744	79.423	98.840
40)	L8 AR-1262-5	9.152	0.000	128375	0	71.062	N.D. #
41)	L9 AR-1268-1	8.466	7.506	414647	404744	68.663	58.415

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 Acq On : 16 May 2019 13:02
 Operator : SM/SJ
 Sample : K2836-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

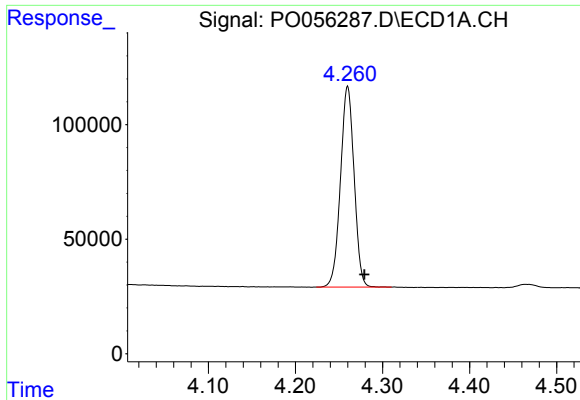
Instrument :
 ECD_O
 ClientSampleId :
 CULVER-CBTC-WC1-051019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:47:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
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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	8.517	7.506	215641	404744	39.396	71.143 #
44) L9	AR-1268-4	9.152	0.000	128375	0	65.424	N.D. #
45) L9	AR-1268-5	9.536	0.000	47387	0	3.512	N.D. #

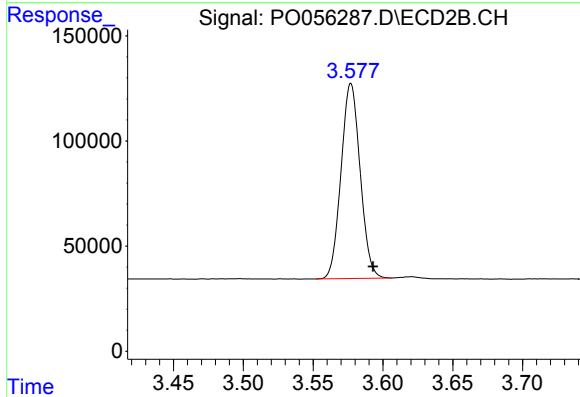
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

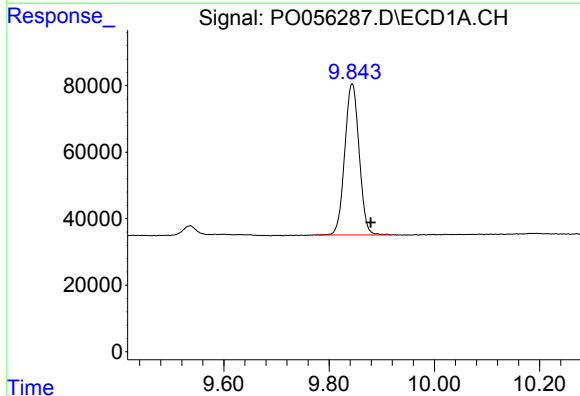
R.T.: 4.260 min
Delta R.T.: -0.019 min
Response: 953773
Conc: 31.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



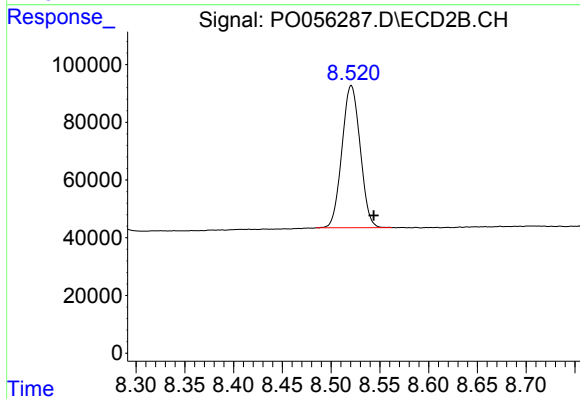
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.016 min
Response: 884109
Conc: 31.30 ng/ml



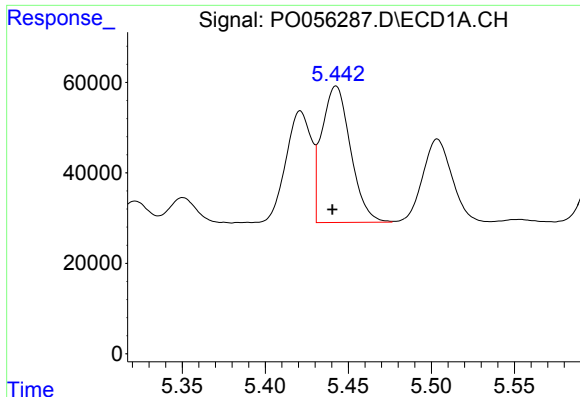
#2 Decachlorobiphenyl

R.T.: 9.844 min
Delta R.T.: -0.035 min
Response: 862267
Conc: 23.04 ng/ml



#2 Decachlorobiphenyl

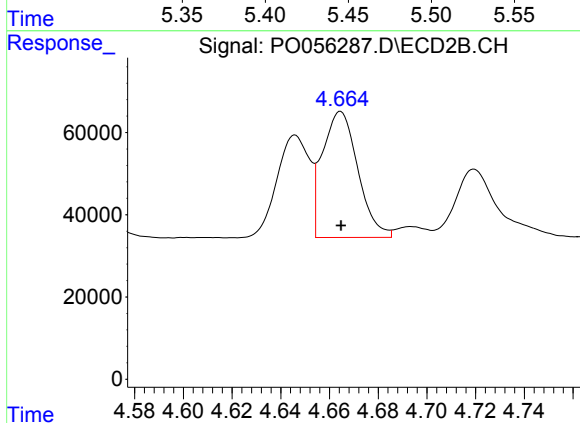
R.T.: 8.521 min
Delta R.T.: -0.023 min
Response: 639342
Conc: 23.64 ng/ml



#3 AR-1016-1

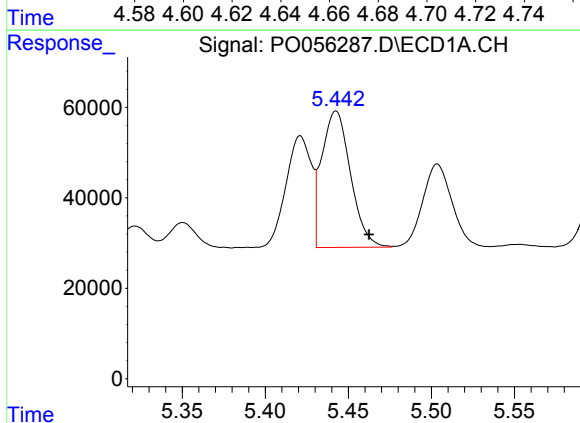
R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 363544
Conc: 255.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



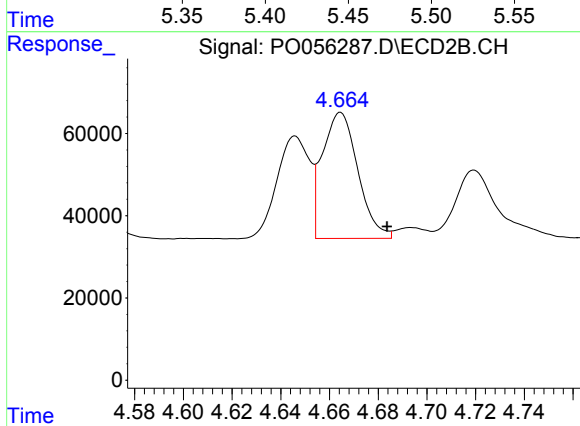
#3 AR-1016-1

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 310477
Conc: 231.03 ng/ml



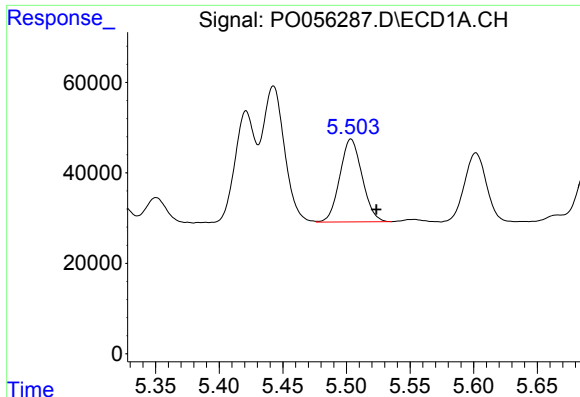
#4 AR-1016-2

R.T.: 5.443 min
Delta R.T.: -0.020 min
Response: 363544
Conc: 183.71 ng/ml



#4 AR-1016-2

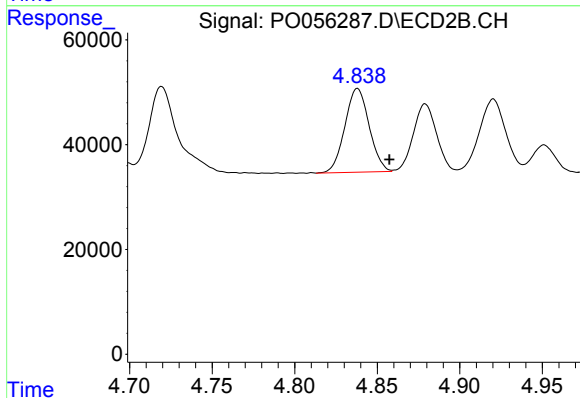
R.T.: 4.665 min
Delta R.T.: -0.019 min
Response: 310477
Conc: 170.04 ng/ml



#5 AR-1016-3

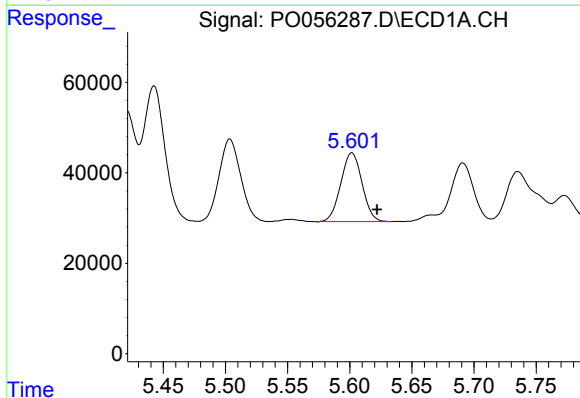
R.T.: 5.504 min
Delta R.T.: -0.020 min
Response: 224076
Conc: 174.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



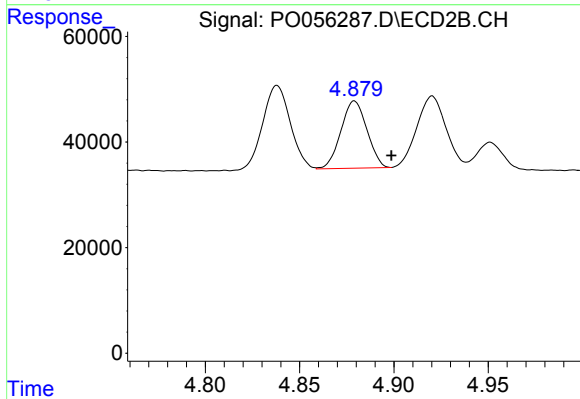
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: -0.019 min
Response: 163476
Conc: 163.13 ng/ml



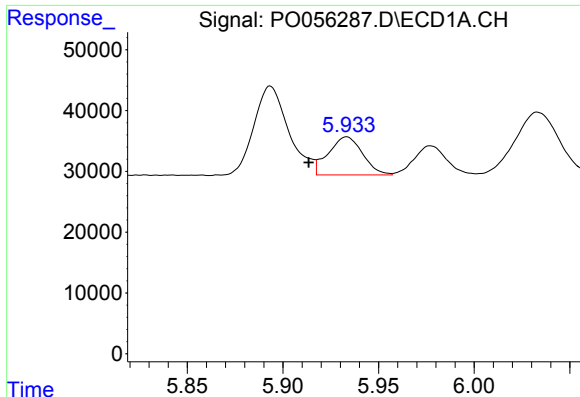
#6 AR-1016-4

R.T.: 5.602 min
Delta R.T.: -0.020 min
Response: 181125
Conc: 173.29 ng/ml



#6 AR-1016-4

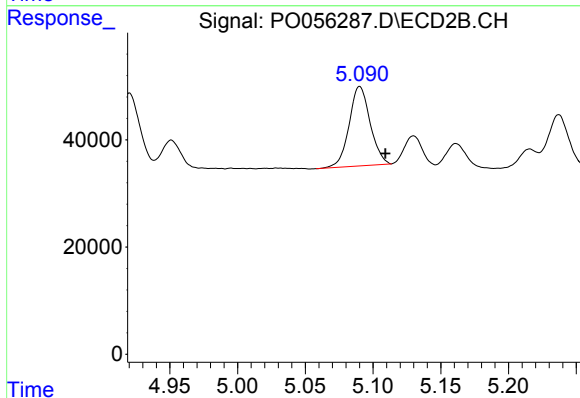
R.T.: 4.879 min
Delta R.T.: -0.020 min
Response: 122436
Conc: 150.48 ng/ml



#7 AR-1016-5

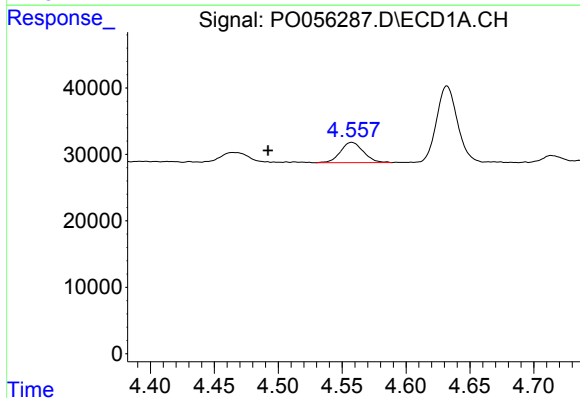
R.T.: 5.933 min
Delta R.T.: 0.020 min
Response: 77987
Conc: 69.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



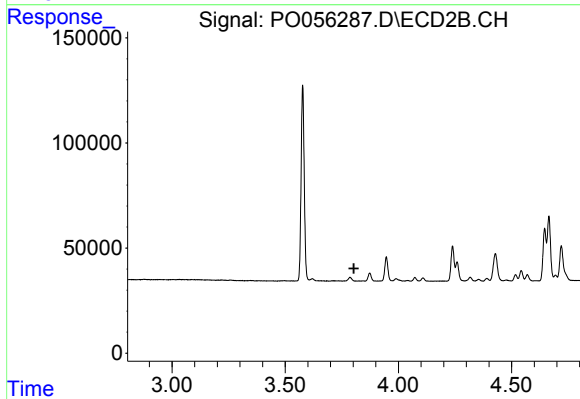
#7 AR-1016-5

R.T.: 5.090 min
Delta R.T.: -0.019 min
Response: 159739
Conc: 145.10 ng/ml



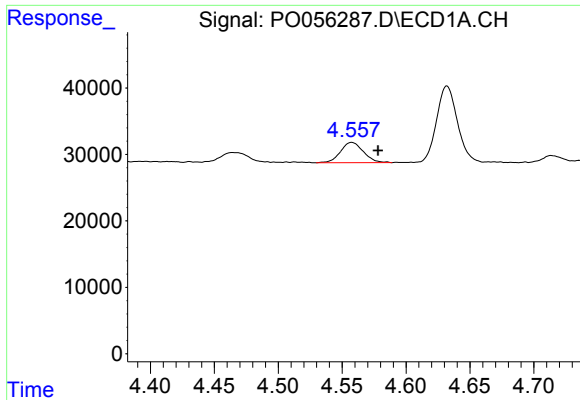
#8 AR-1221-1

R.T.: 4.558 min
Delta R.T.: 0.065 min
Response: 38111
Conc: 87.66 ng/ml



#8 AR-1221-1

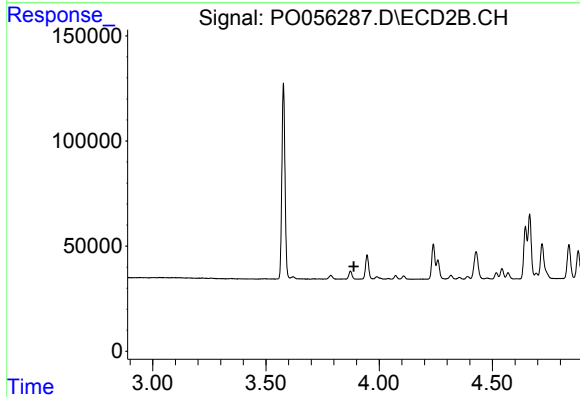
R.T.: 0.000 min
Exp R.T.: 3.804 min
Response: 0
Conc: N.D.



#9 AR-1221-2

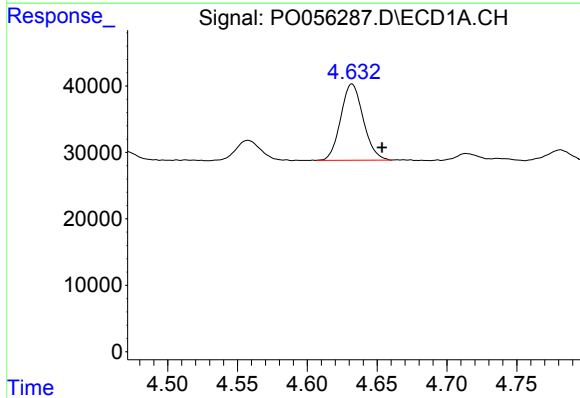
R.T.: 4.558 min
Delta R.T.: -0.021 min
Response: 38111
Conc: 113.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



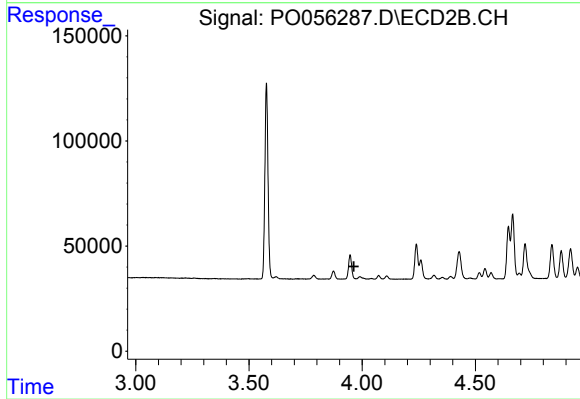
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.888 min
Response: 0
Conc: N.D.



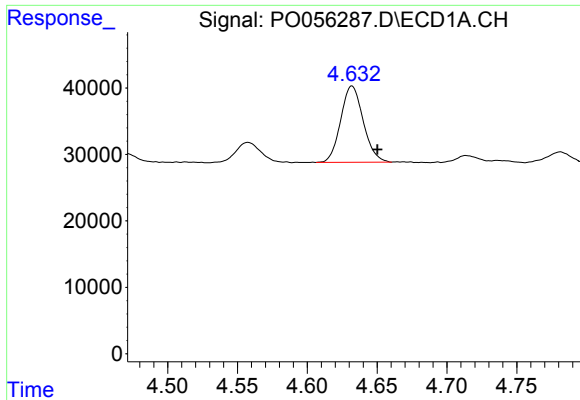
#10 AR-1221-3

R.T.: 4.632 min
Delta R.T.: -0.022 min
Response: 128976
Conc: 128.26 ng/ml



#10 AR-1221-3

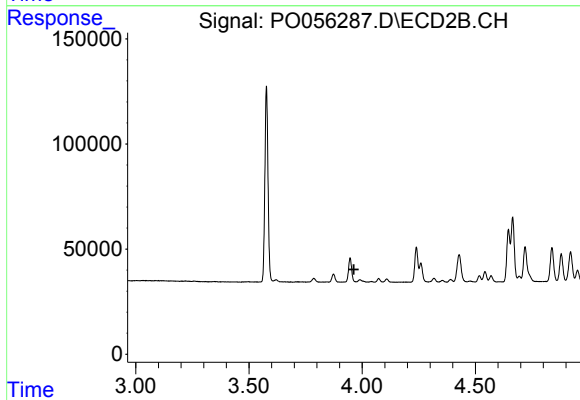
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#11 AR-1232-1

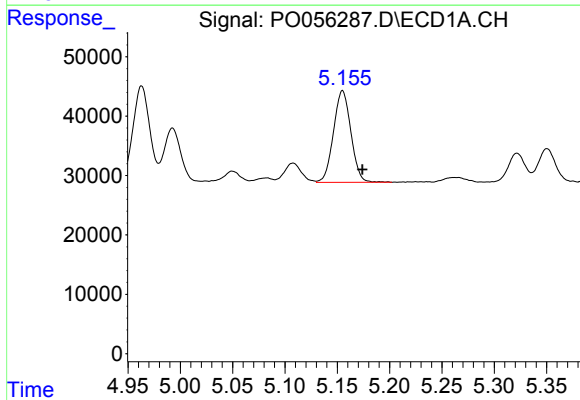
R.T.: 4.632 min
Delta R.T.: -0.018 min
Response: 128976
Conc: 150.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



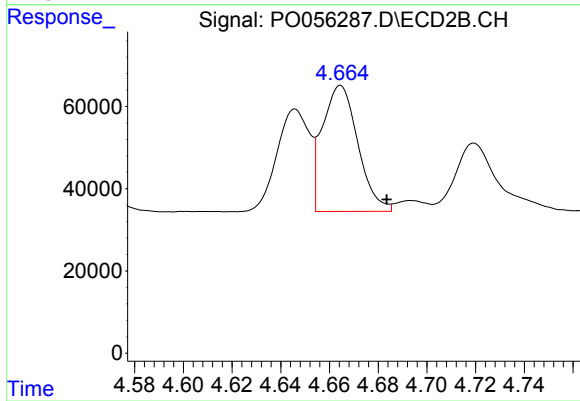
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



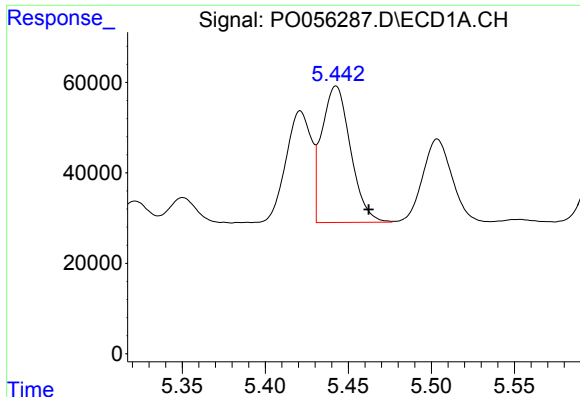
#12 AR-1232-2

R.T.: 5.155 min
Delta R.T.: -0.019 min
Response: 179246
Conc: 369.49 ng/ml



#12 AR-1232-2

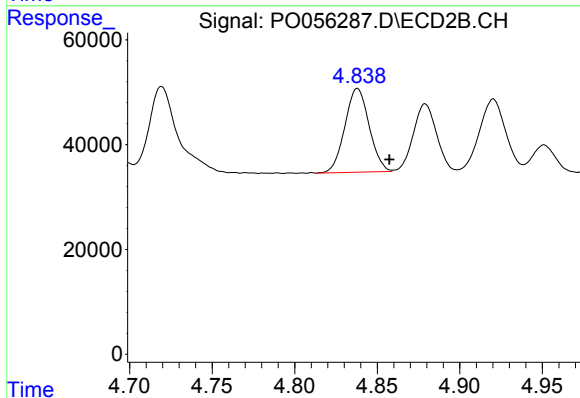
R.T.: 4.665 min
Delta R.T.: -0.019 min
Response: 310477
Conc: 354.24 ng/ml



#13 AR-1232-3

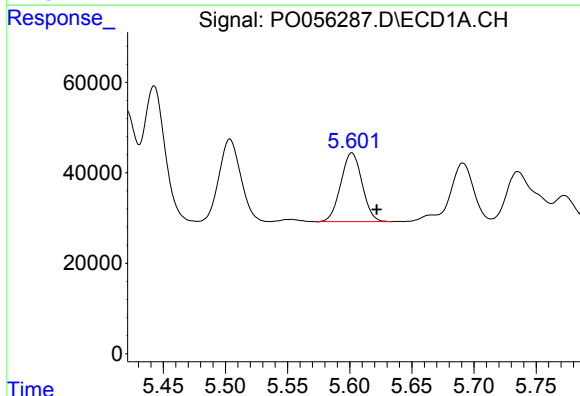
R.T.: 5.443 min
Delta R.T.: -0.020 min
Response: 363544
Conc: 375.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



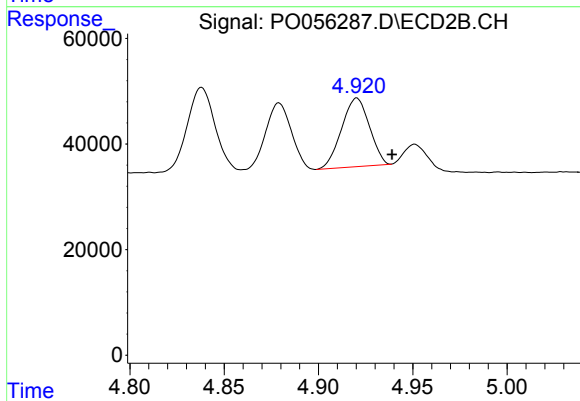
#13 AR-1232-3

R.T.: 4.838 min
Delta R.T.: -0.019 min
Response: 163476
Conc: 340.81 ng/ml



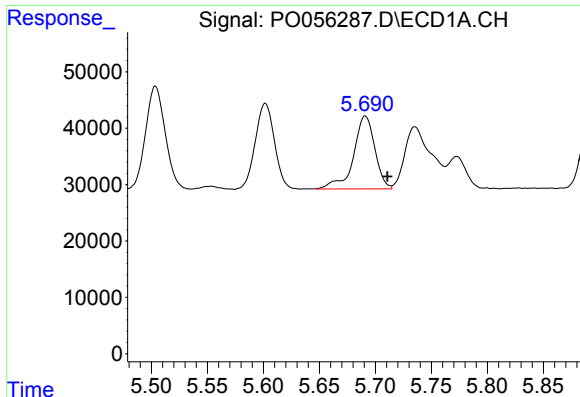
#14 AR-1232-4

R.T.: 5.602 min
Delta R.T.: -0.020 min
Response: 181125
Conc: 356.17 ng/ml



#14 AR-1232-4

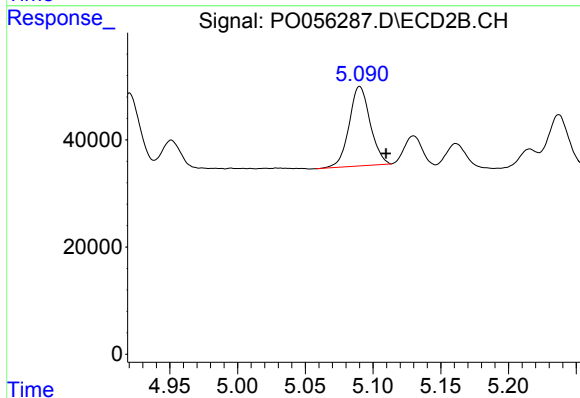
R.T.: 4.920 min
Delta R.T.: -0.019 min
Response: 133296
Conc: 313.81 ng/ml



#15 AR-1232-5

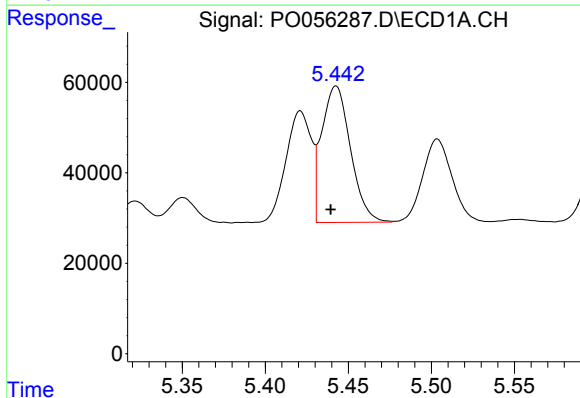
R.T.: 5.691 min
Delta R.T.: -0.020 min
Response: 172354
Conc: 396.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



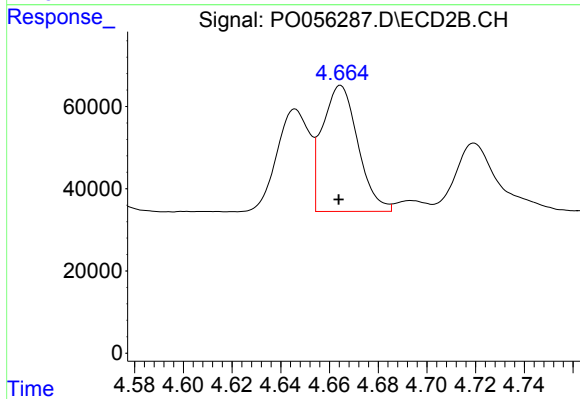
#15 AR-1232-5

R.T.: 5.090 min
Delta R.T.: -0.019 min
Response: 159739
Conc: 329.63 ng/ml



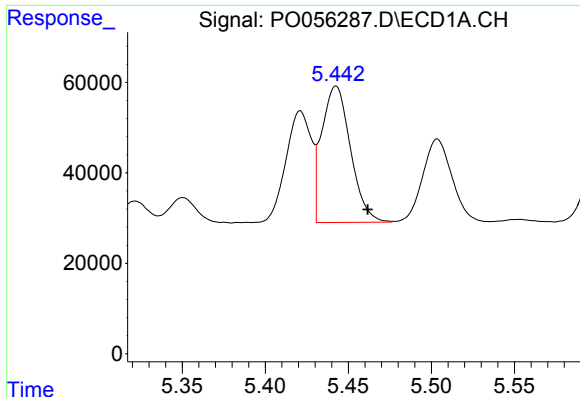
#16 AR-1242-1

R.T.: 5.443 min
Delta R.T.: 0.003 min
Response: 363544
Conc: 300.25 ng/ml



#16 AR-1242-1

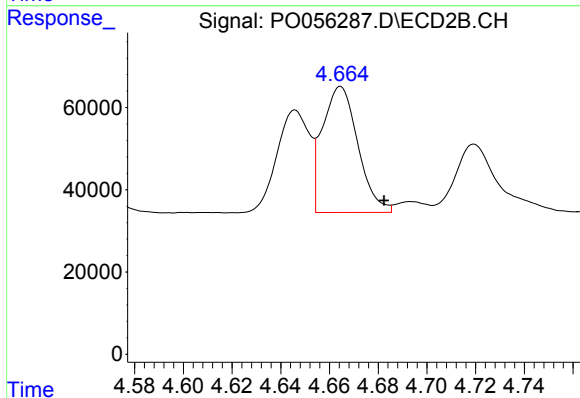
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 310477
Conc: 277.06 ng/ml



#17 AR-1242-2

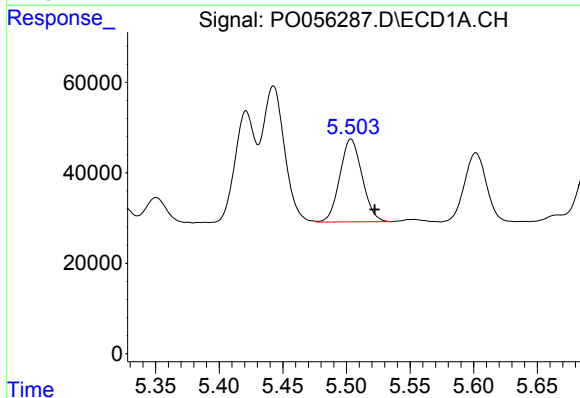
R.T.: 5.443 min
Delta R.T.: -0.019 min
Response: 363544
Conc: 215.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



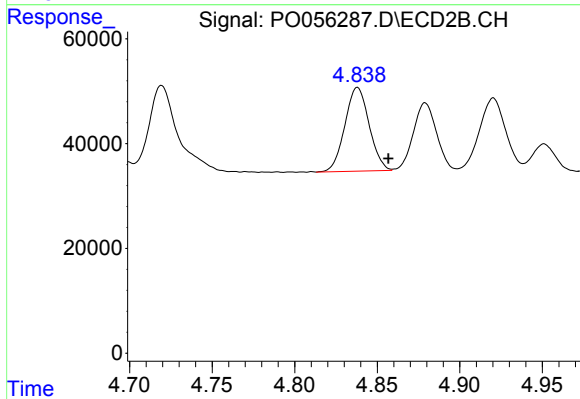
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: -0.018 min
Response: 310477
Conc: 204.07 ng/ml



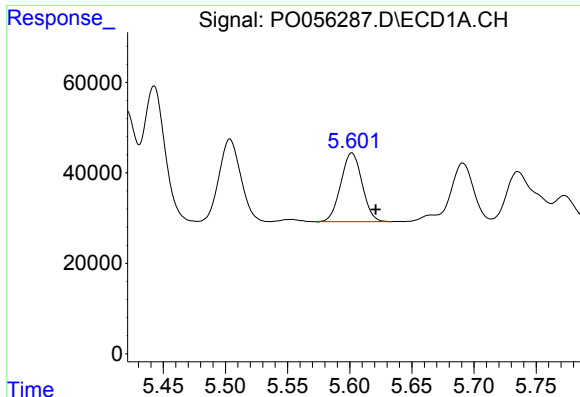
#18 AR-1242-3

R.T.: 5.504 min
Delta R.T.: -0.019 min
Response: 224076
Conc: 204.53 ng/ml



#18 AR-1242-3

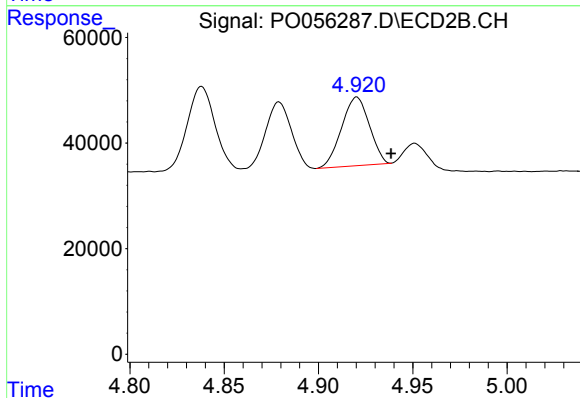
R.T.: 4.838 min
Delta R.T.: -0.019 min
Response: 163476
Conc: 188.77 ng/ml



#19 AR-1242-4

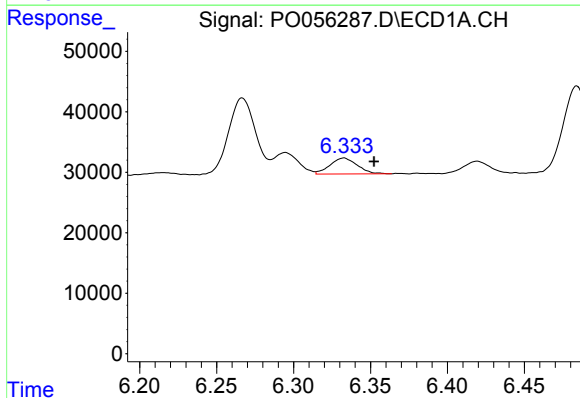
R.T.: 5.602 min
Delta R.T.: -0.019 min
Response: 181125
Conc: 201.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



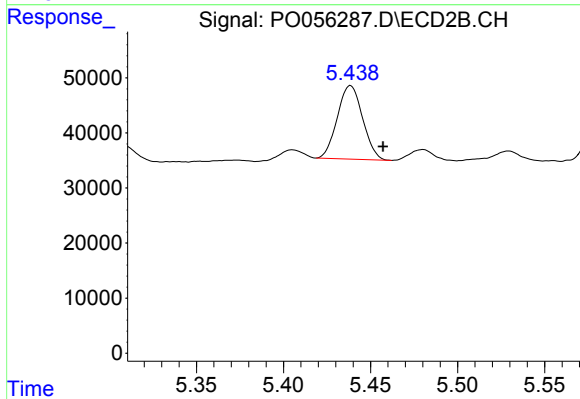
#19 AR-1242-4

R.T.: 4.920 min
Delta R.T.: -0.018 min
Response: 133296
Conc: 159.12 ng/ml



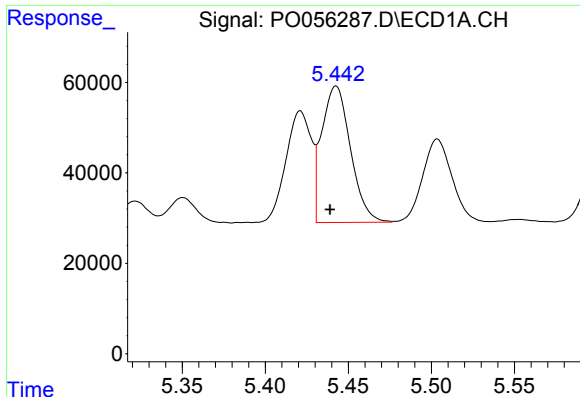
#20 AR-1242-5

R.T.: 6.333 min
Delta R.T.: -0.020 min
Response: 32443
Conc: 29.66 ng/ml



#20 AR-1242-5

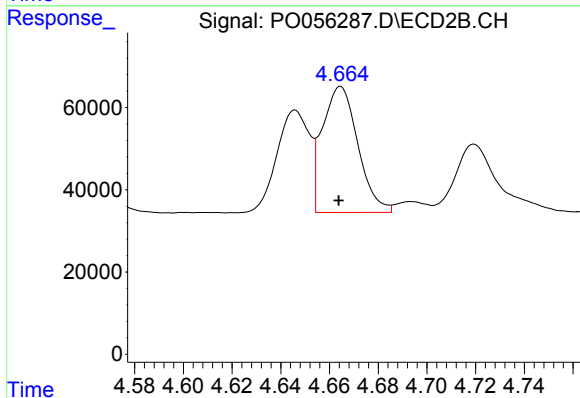
R.T.: 5.439 min
Delta R.T.: -0.019 min
Response: 134927
Conc: 112.40 ng/ml



#21 AR-1248-1

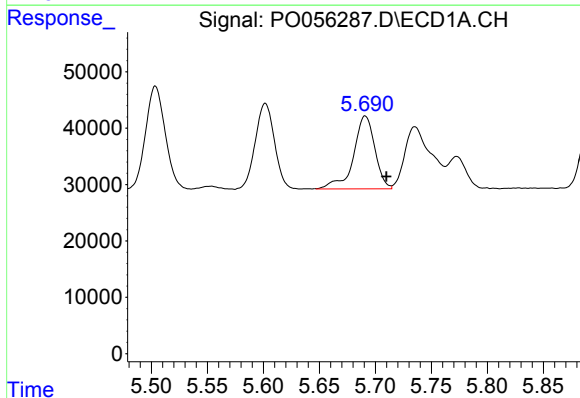
R.T.: 5.443 min
Delta R.T.: 0.004 min
Response: 363544
Conc: 401.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



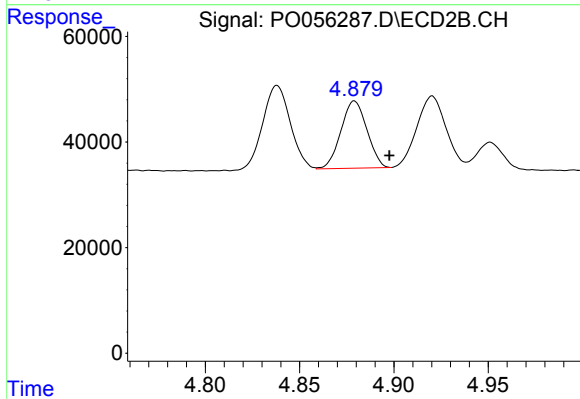
#21 AR-1248-1

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 310477
Conc: 370.26 ng/ml



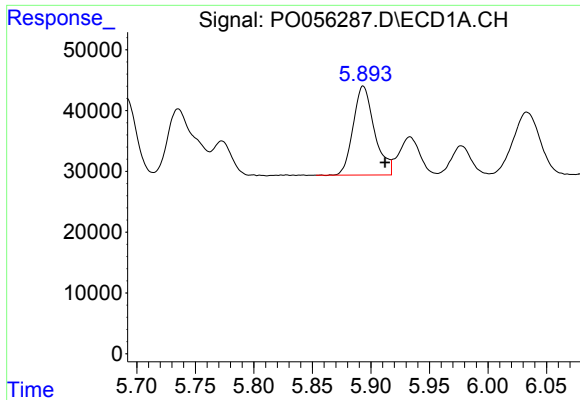
#22 AR-1248-2

R.T.: 5.691 min
Delta R.T.: -0.019 min
Response: 172354
Conc: 129.24 ng/ml



#22 AR-1248-2

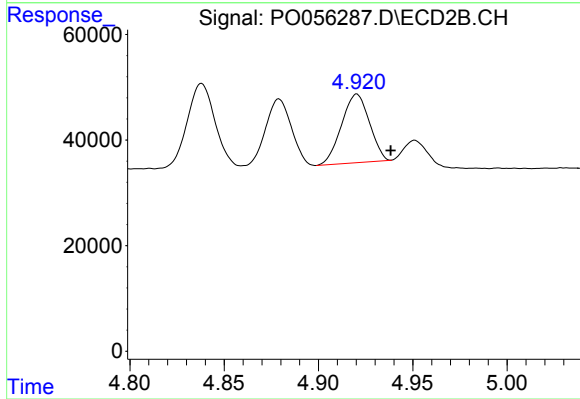
R.T.: 4.879 min
Delta R.T.: -0.018 min
Response: 122436
Conc: 111.43 ng/ml



#23 AR-1248-3

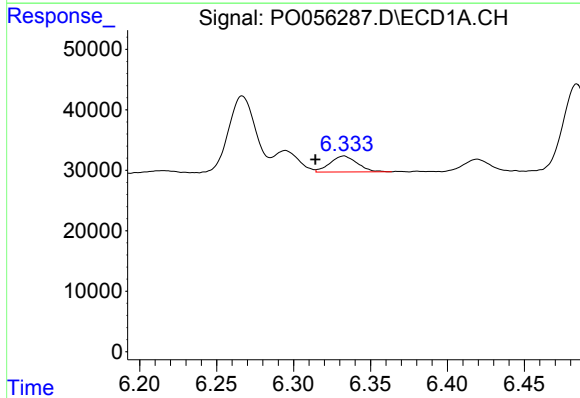
R.T.: 5.893 min
Delta R.T.: -0.019 min
Response: 184962
Conc: 125.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



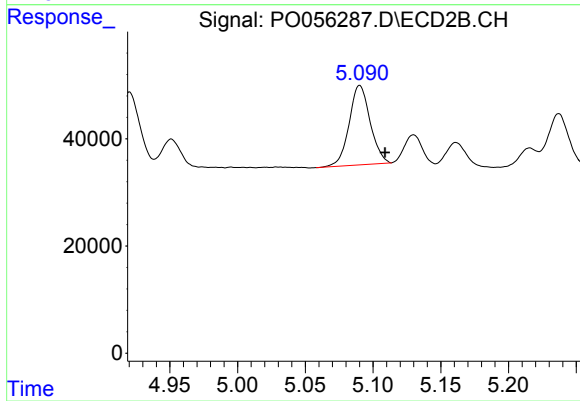
#23 AR-1248-3

R.T.: 4.920 min
Delta R.T.: -0.018 min
Response: 133296
Conc: 117.43 ng/ml



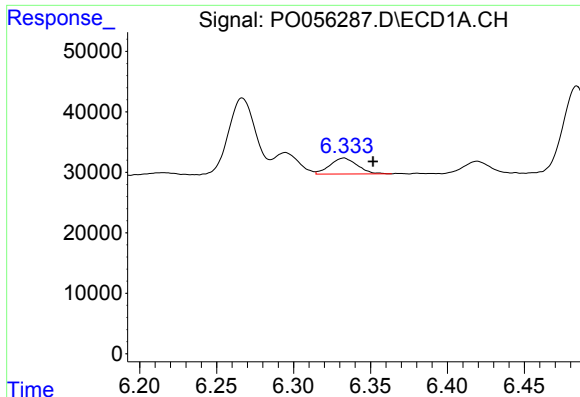
#24 AR-1248-4

R.T.: 6.333 min
Delta R.T.: 0.019 min
Response: 32443
Conc: 18.61 ng/ml



#24 AR-1248-4

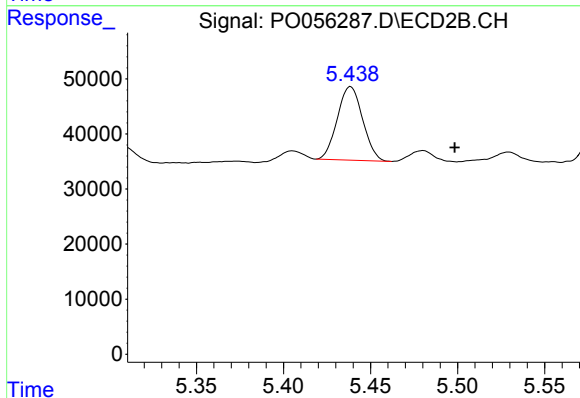
R.T.: 5.090 min
Delta R.T.: -0.019 min
Response: 159739
Conc: 113.76 ng/ml



#25 AR-1248-5

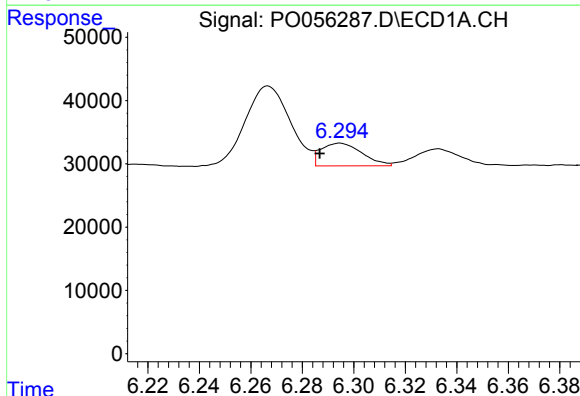
R.T.: 6.333 min
Delta R.T.: -0.019 min
Response: 32443
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



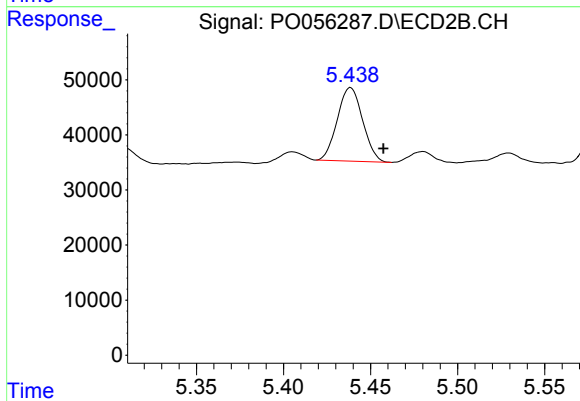
#25 AR-1248-5

R.T.: 5.439 min
Delta R.T.: -0.060 min
Response: 134927
Conc: 90.09 ng/ml



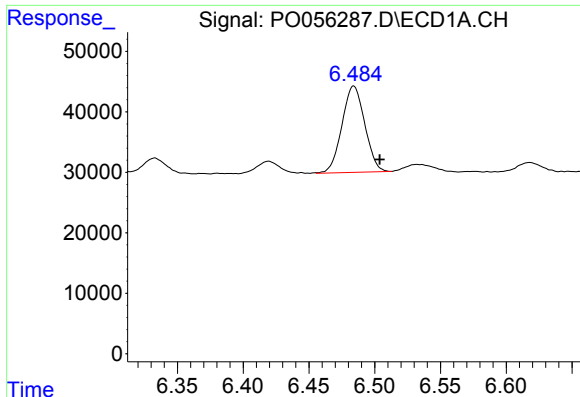
#26 AR-1254-1

R.T.: 6.295 min
Delta R.T.: 0.008 min
Response: 39717
Conc: 18.91 ng/ml



#26 AR-1254-1

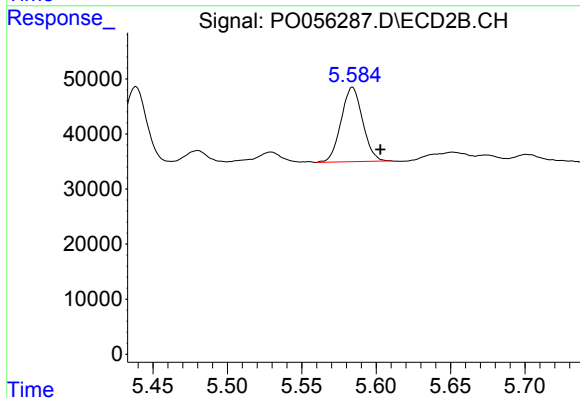
R.T.: 5.439 min
Delta R.T.: -0.019 min
Response: 134927
Conc: 50.41 ng/ml



#27 AR-1254-2

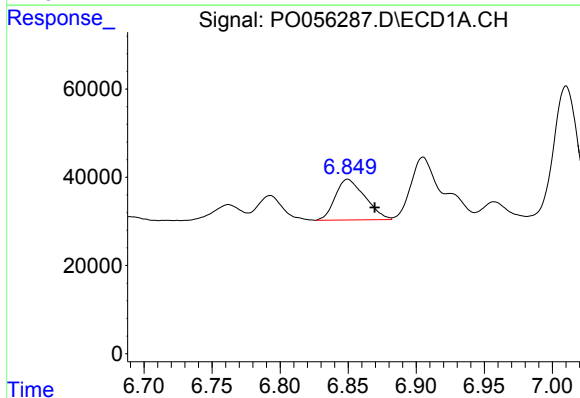
R.T.: 6.484 min
Delta R.T.: -0.020 min
Response: 172125
Conc: 51.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



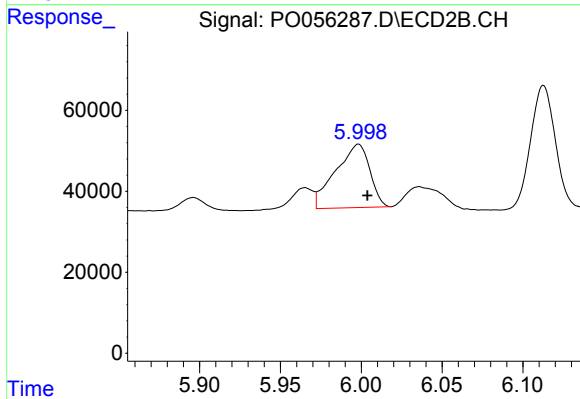
#27 AR-1254-2

R.T.: 5.584 min
Delta R.T.: -0.019 min
Response: 135919
Conc: 55.64 ng/ml



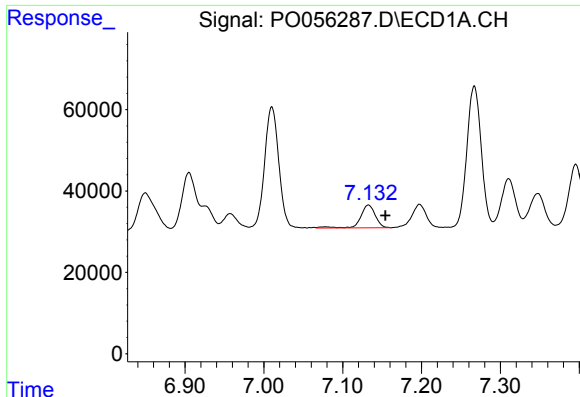
#28 AR-1254-3

R.T.: 6.850 min
Delta R.T.: -0.020 min
Response: 140349
Conc: 38.60 ng/ml



#28 AR-1254-3

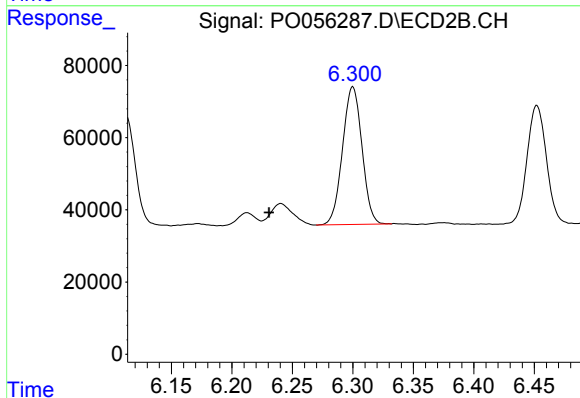
R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 231538
Conc: 58.36 ng/ml



#29 AR-1254-4

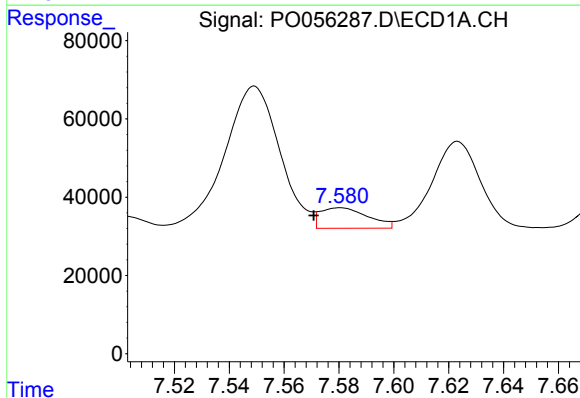
R.T.: 7.133 min
Delta R.T.: -0.021 min
Response: 72613
Conc: 26.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



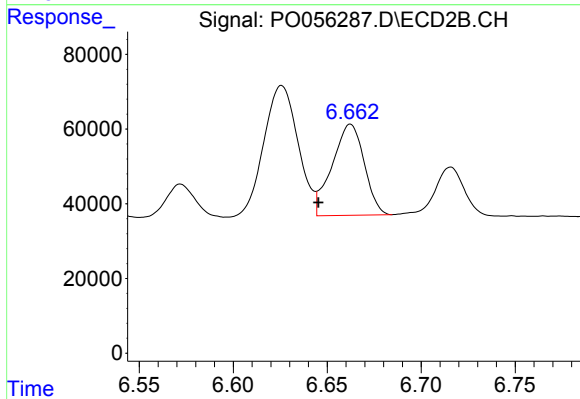
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: 0.069 min
Response: 426555
Conc: 159.09 ng/ml



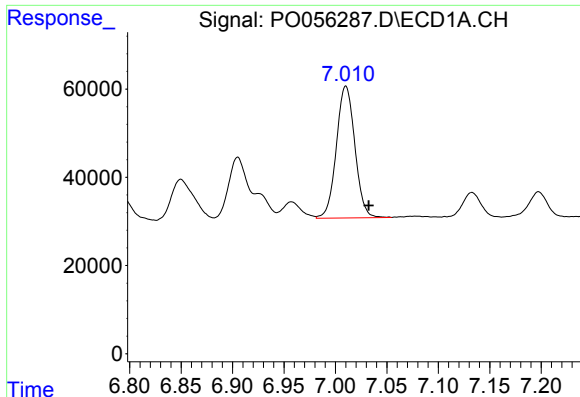
#30 AR-1254-5

R.T.: 7.580 min
Delta R.T.: 0.010 min
Response: 63150
Conc: 22.03 ng/ml



#30 AR-1254-5

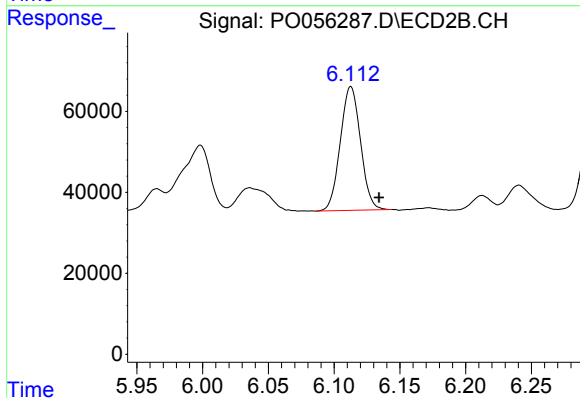
R.T.: 6.662 min
Delta R.T.: 0.017 min
Response: 290330
Conc: 80.23 ng/ml



#31 AR-1260-1

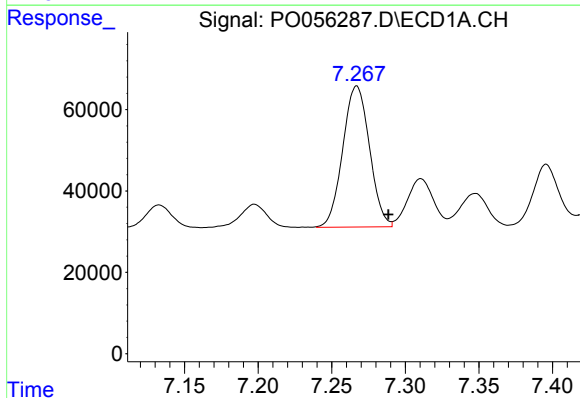
R.T.: 7.010 min
Delta R.T.: -0.022 min
Response: 374777
Conc: 173.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



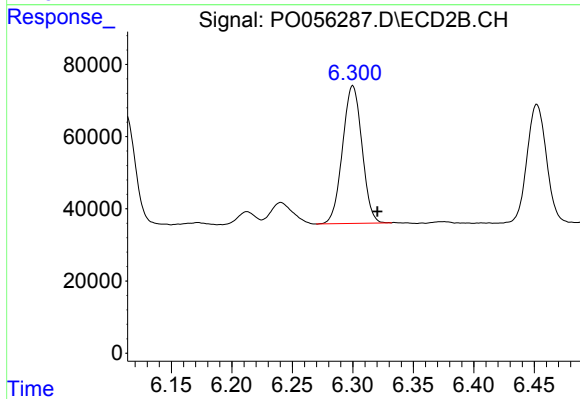
#31 AR-1260-1

R.T.: 6.113 min
Delta R.T.: -0.021 min
Response: 327511
Conc: 148.65 ng/ml



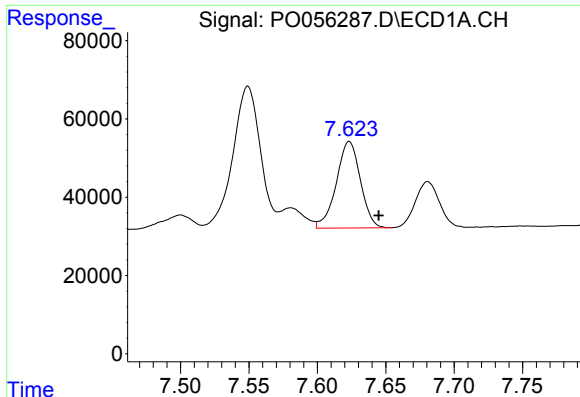
#32 AR-1260-2

R.T.: 7.267 min
Delta R.T.: -0.021 min
Response: 437777
Conc: 167.16 ng/ml



#32 AR-1260-2

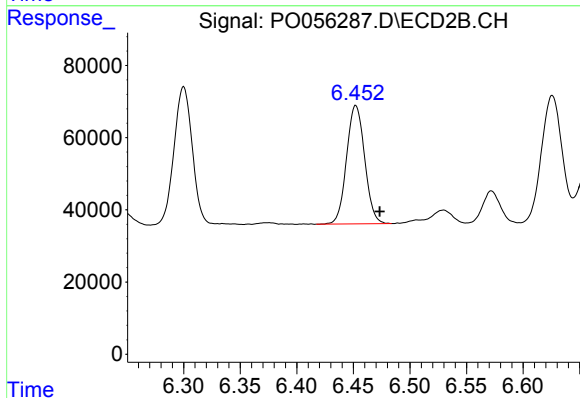
R.T.: 6.300 min
Delta R.T.: -0.020 min
Response: 426555
Conc: 139.69 ng/ml



#33 AR-1260-3

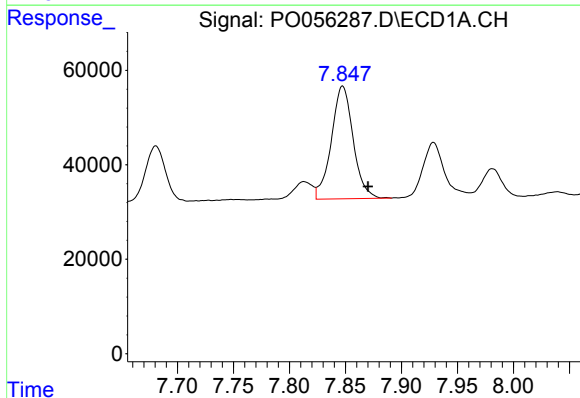
R.T.: 7.623 min
Delta R.T.: -0.022 min
Response: 271276
Conc: 135.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



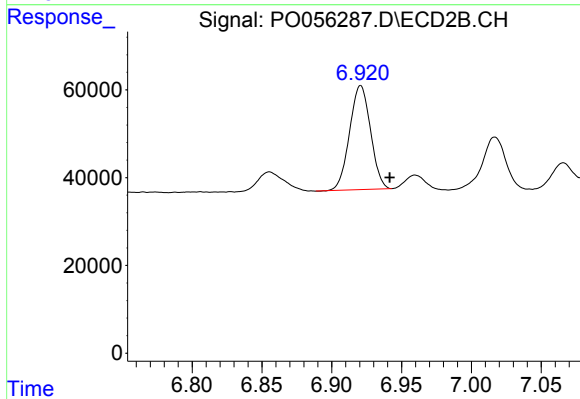
#33 AR-1260-3

R.T.: 6.452 min
Delta R.T.: -0.021 min
Response: 365055
Conc: 146.49 ng/ml



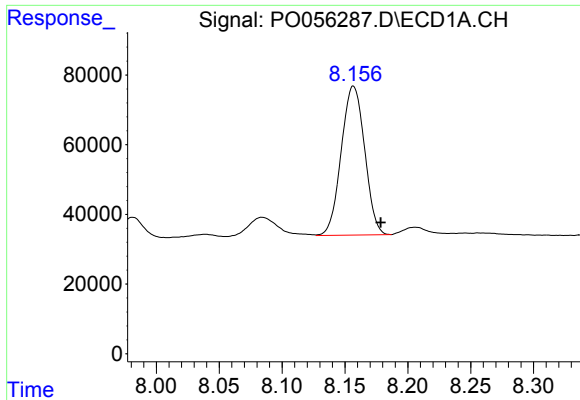
#34 AR-1260-4

R.T.: 7.848 min
Delta R.T.: -0.023 min
Response: 324157
Conc: 140.17 ng/ml



#34 AR-1260-4

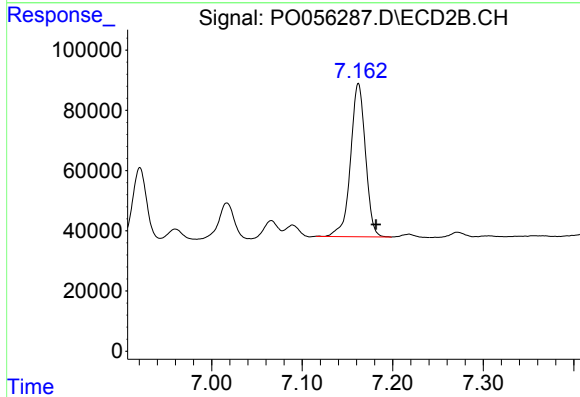
R.T.: 6.921 min
Delta R.T.: -0.021 min
Response: 247230
Conc: 119.81 ng/ml



#35 AR-1260-5

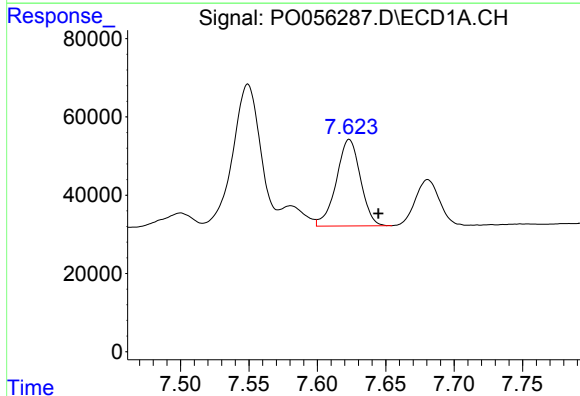
R.T.: 8.157 min
Delta R.T.: -0.022 min
Response: 554416
Conc: 130.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



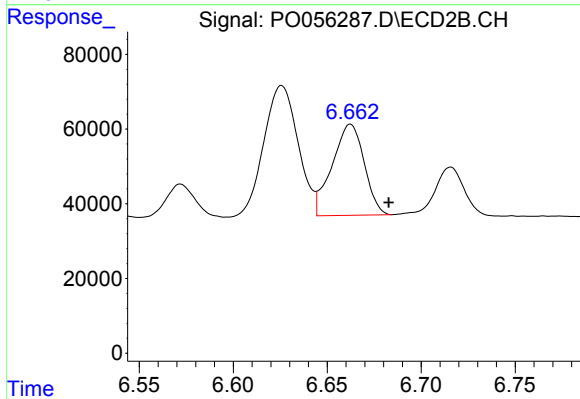
#35 AR-1260-5

R.T.: 7.162 min
Delta R.T.: -0.019 min
Response: 582032
Conc: 115.89 ng/ml



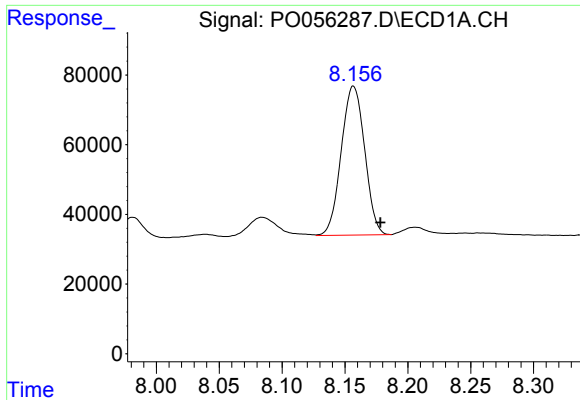
#36 AR-1262-1

R.T.: 7.623 min
Delta R.T.: -0.021 min
Response: 271276
Conc: 84.62 ng/ml



#36 AR-1262-1

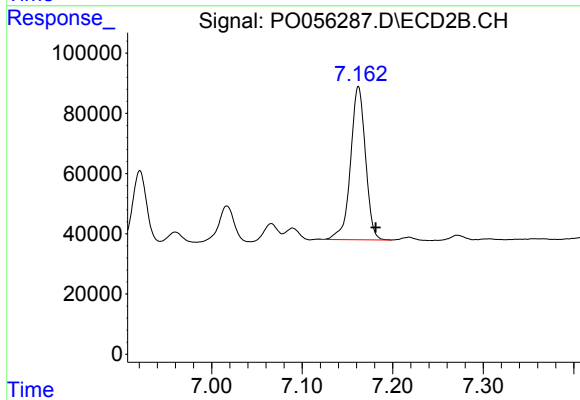
R.T.: 6.662 min
Delta R.T.: -0.020 min
Response: 290330
Conc: 70.80 ng/ml



#37 AR-1262-2

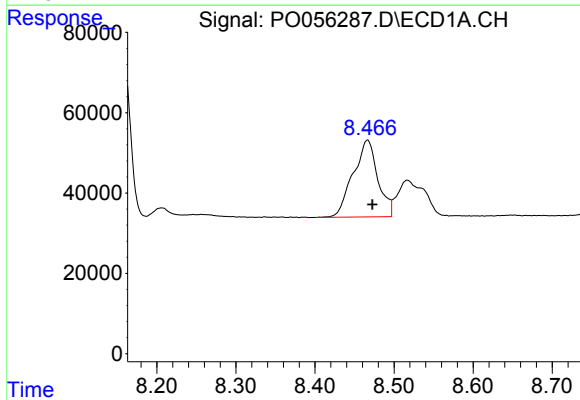
R.T.: 8.157 min
Delta R.T.: -0.021 min
Response: 554416
Conc: 103.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



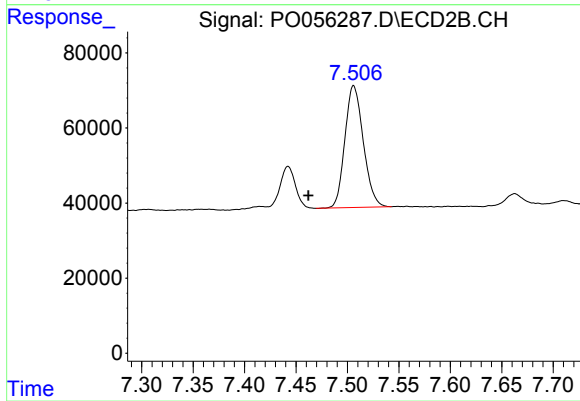
#37 AR-1262-2

R.T.: 7.162 min
Delta R.T.: -0.019 min
Response: 582032
Conc: 93.08 ng/ml



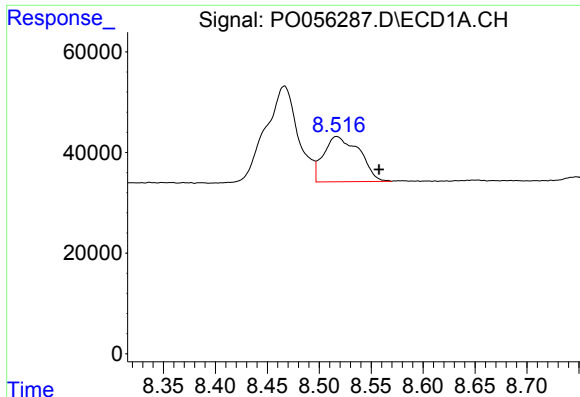
#38 AR-1262-3

R.T.: 8.466 min
Delta R.T.: -0.006 min
Response: 414647
Conc: 114.26 ng/ml



#38 AR-1262-3

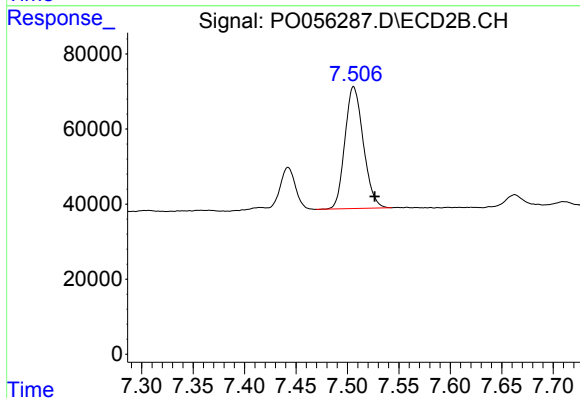
R.T.: 7.506 min
Delta R.T.: 0.044 min
Response: 404744
Conc: 164.33 ng/ml



#39 AR-1262-4

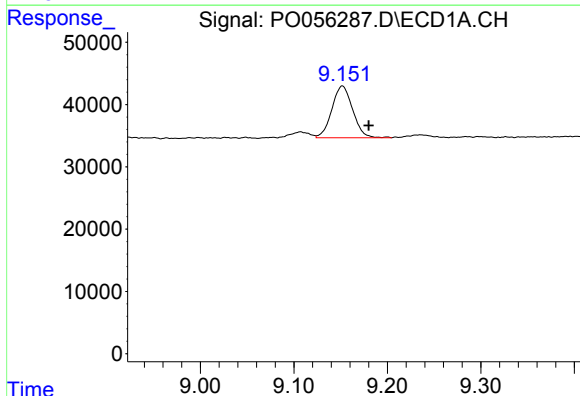
R.T.: 8.517 min
Delta R.T.: -0.041 min
Response: 215641
Conc: 79.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



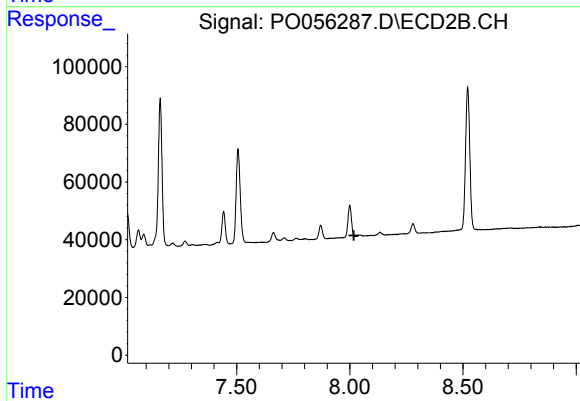
#39 AR-1262-4

R.T.: 7.506 min
Delta R.T.: -0.020 min
Response: 404744
Conc: 98.84 ng/ml



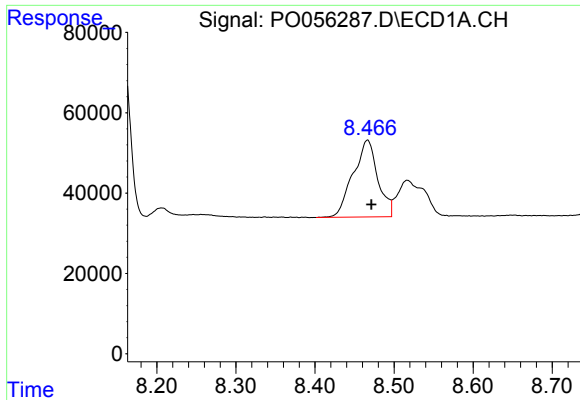
#40 AR-1262-5

R.T.: 9.152 min
Delta R.T.: -0.028 min
Response: 128375
Conc: 71.06 ng/ml



#40 AR-1262-5

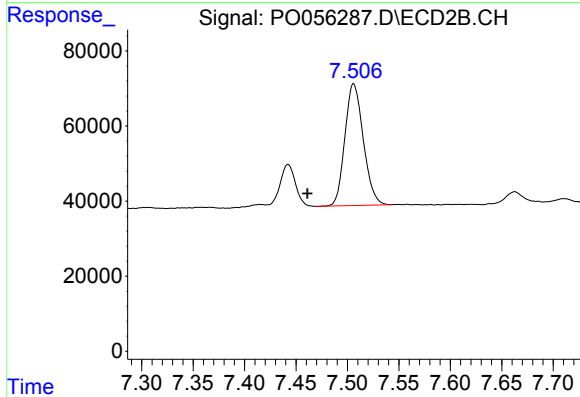
R.T.: 0.000 min
Exp R.T.: 8.018 min
Response: 0
Conc: N.D.



#41 AR-1268-1

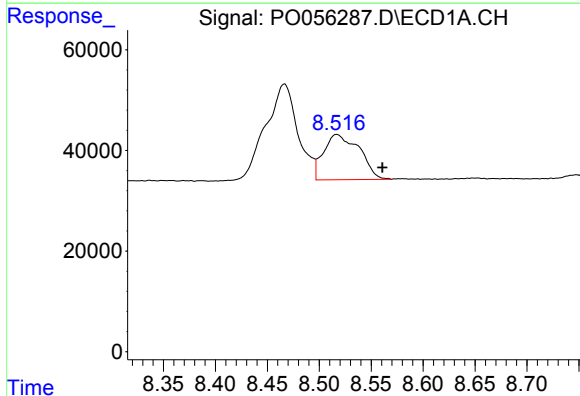
R.T.: 8.466 min
Delta R.T.: -0.005 min
Response: 414647
Conc: 68.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



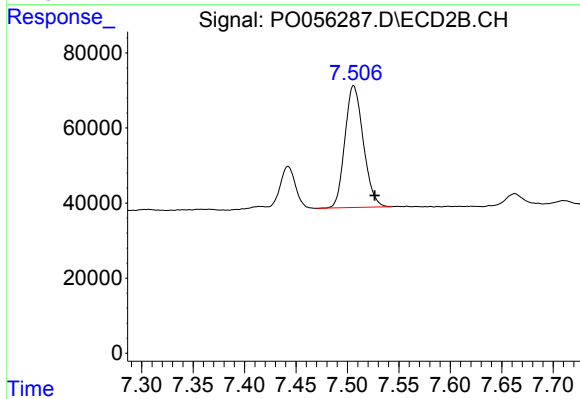
#41 AR-1268-1

R.T.: 7.506 min
Delta R.T.: 0.045 min
Response: 404744
Conc: 58.42 ng/ml



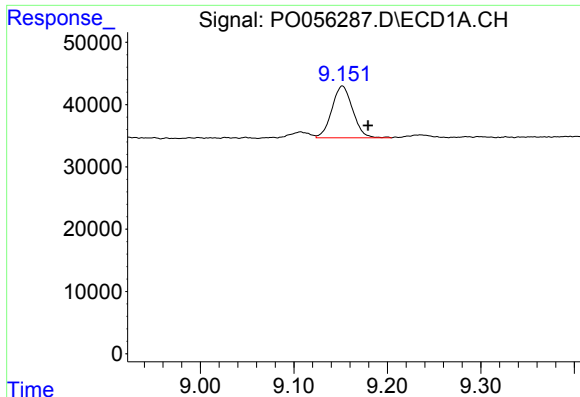
#42 AR-1268-2

R.T.: 8.517 min
Delta R.T.: -0.044 min
Response: 215641
Conc: 39.40 ng/ml



#42 AR-1268-2

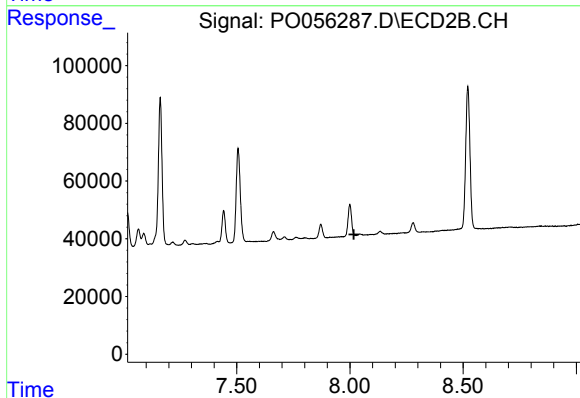
R.T.: 7.506 min
Delta R.T.: -0.020 min
Response: 404744
Conc: 71.14 ng/ml



#44 AR-1268-4

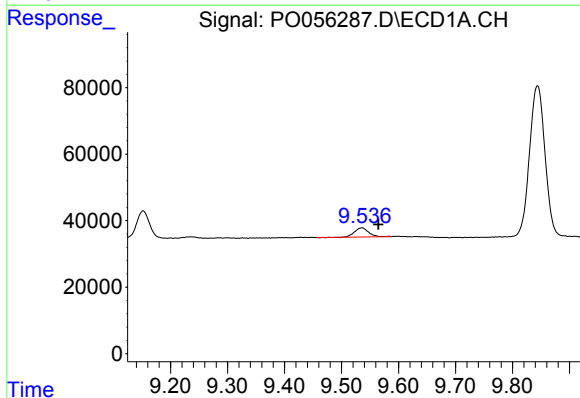
R.T.: 9.152 min
Delta R.T.: -0.028 min
Response: 128375
Conc: 65.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
CULVER-CBTC-WC1-051019MSD



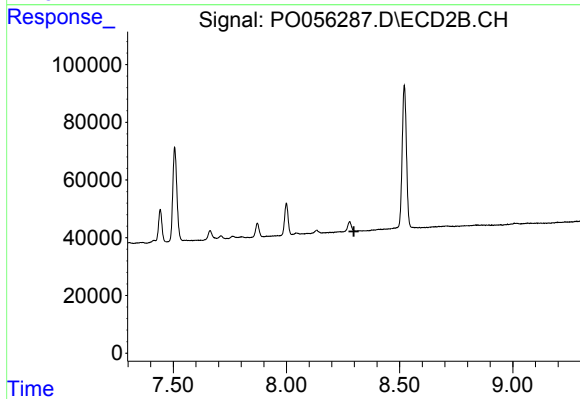
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.017 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.536 min
Delta R.T.: -0.029 min
Response: 47387
Conc: 3.51 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.298 min
Response: 0
Conc: N.D.