

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051619\
 Data File : P0056289.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 May 2019 13:36
 Operator : SM/SJ
 Sample : K2754-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 C-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:48:25 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	893269	843798	29.850	29.876
2)	SA Decachlor...	9.844	8.521	821146	608396	21.946	22.497
Target Compounds							
3)	L1 AR-1016-1	5.442	4.665	346189	274275	243.603	204.087
4)	L1 AR-1016-2	5.442	4.665	346189	274275	174.943	150.210
5)	L1 AR-1016-3	5.503	4.839	213701	156862	166.728	156.529
6)	L1 AR-1016-4	5.601	4.921	173379	127911	165.877	157.210
7)	L1 AR-1016-5	5.933	5.090	73930	152517	65.627	138.544 #
8)	L2 AR-1221-1	4.557	0.000	34599	0	79.583	N.D. #
9)	L2 AR-1221-2	4.557	0.000	34599	0	103.175	N.D. #
10)	L2 AR-1221-3	4.632	0.000	123864	0	123.175	N.D. #
11)	L3 AR-1232-1	4.632	0.000	123864	0	144.211	N.D. #
12)	L3 AR-1232-2	5.154	4.665	168349	274275	347.028	312.939
13)	L3 AR-1232-3	5.442	4.839	346189	156862	357.823	327.021
14)	L3 AR-1232-4	5.601	4.921	173379	127911	340.935	301.135
15)	L3 AR-1232-5	5.691	5.090	164259	152517	378.325	314.724
16)	L4 AR-1242-1	5.442	4.665	346189	274275	285.919	244.753
17)	L4 AR-1242-2	5.442	4.665	346189	274275	205.040	180.272
18)	L4 AR-1242-3	5.503	4.839	213701	156862	195.064	181.131
19)	L4 AR-1242-4	5.601	4.921	173379	127911	192.682	152.693
20)	L4 AR-1242-5	6.332	0.000	30622	0	27.991	N.D. #
21)	L5 AR-1248-1	5.442	4.665	346189	274275	382.479	327.091
22)	L5 AR-1248-2	5.691	4.921	164259	127911	123.168	116.414
23)	L5 AR-1248-3	5.893	4.921	177910	127911	120.476	112.683
24)	L5 AR-1248-4	6.332	5.090	30622	152517	17.561	108.617 #
25)	L5 AR-1248-5	6.332	0.000	30622	0	18.333	N.D. #
26)	L6 AR-1254-1	6.295	0.000	38059	0	18.125	N.D. #
27)	L6 AR-1254-2	6.483	0.000	161961	0	48.801	N.D. #
28)	L6 AR-1254-3	6.850	5.999	130142	220710	35.797	55.628 #
29)	L6 AR-1254-4	7.133	6.301	63423	406734	23.311	151.700 #
30)	L6 AR-1254-5	7.581	6.663	57778	277048	20.159	76.560 #
31)	L7 AR-1260-1	7.010	6.113	357440	315336	165.520	143.127
32)	L7 AR-1260-2	7.310	6.301	139935	406734	53.433	133.199 #
33)	L7 AR-1260-3	7.623	6.453	256155	350070	128.078	140.476
34)	L7 AR-1260-4	7.848	6.921	302962	233906	131.004	113.355
35)	L7 AR-1260-5	8.157	7.162	533807	553333	125.829	110.176
36)	L8 AR-1262-1	7.623	6.663	256155	277048	79.902	67.560
37)	L8 AR-1262-2	8.157	7.162	533807	553333	99.429	88.493
38)	L8 AR-1262-3	8.468	7.506	393211	384356	108.357	156.054 #
39)	L8 AR-1262-4	8.517	7.506	200579	384356	73.876	93.861 #
40)	L8 AR-1262-5	9.154	0.000	121180	0	67.080	N.D. #
41)	L9 AR-1268-1	8.468	7.506	393211	384356	65.113	55.473

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 ALS Vial : 8 Sample Multiplier: 1

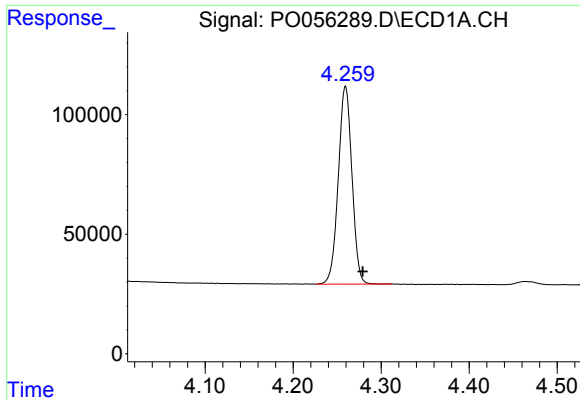
Instrument :
 ECD_O
 ClientSampleId :
 C-2MSD

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
42) L9	AR-1268-2	8.517	7.506	200579	384356	36.644	67.559 #
44) L9	AR-1268-4	9.154	0.000	121180	0	61.757	N.D. #
45) L9	AR-1268-5	9.535	0.000	47365	0	3.511	N.D. #

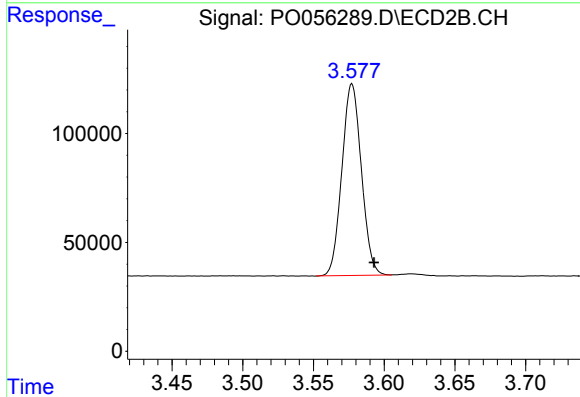
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

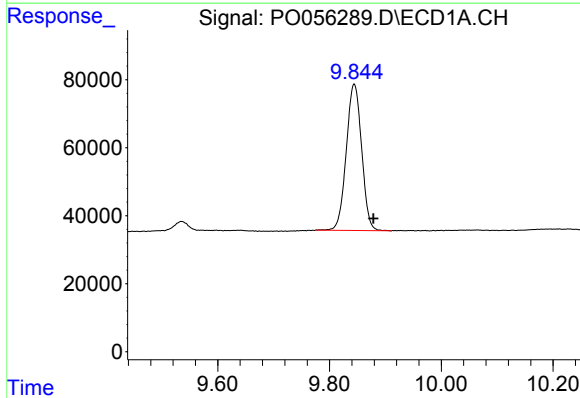
R.T.: 4.260 min
Delta R.T.: -0.019 min
Response: 893269
Conc: 29.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



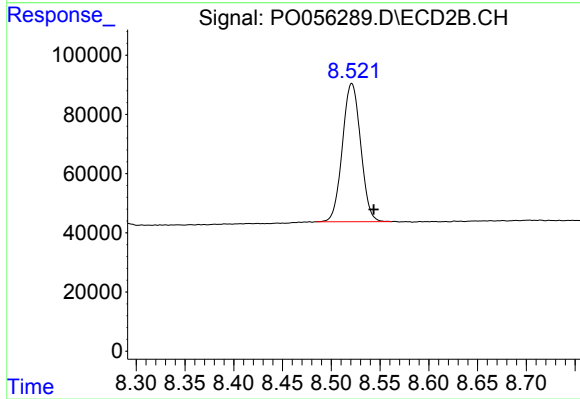
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.016 min
Response: 843798
Conc: 29.88 ng/ml



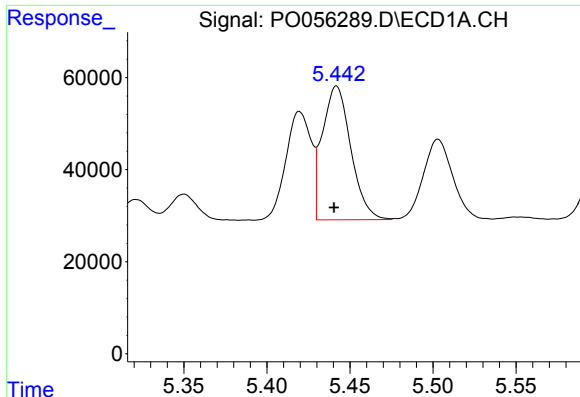
#2 Decachlorobiphenyl

R.T.: 9.844 min
Delta R.T.: -0.035 min
Response: 821146
Conc: 21.95 ng/ml



#2 Decachlorobiphenyl

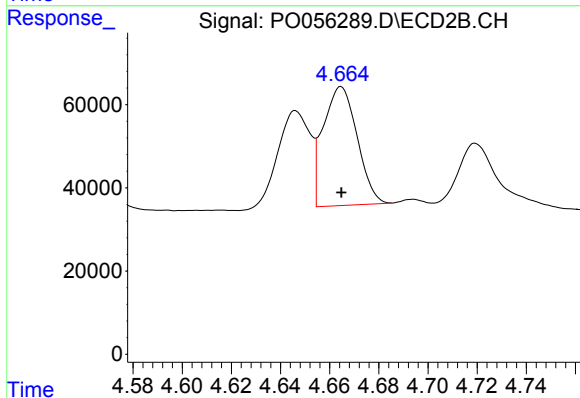
R.T.: 8.521 min
Delta R.T.: -0.023 min
Response: 608396
Conc: 22.50 ng/ml



#3 AR-1016-1

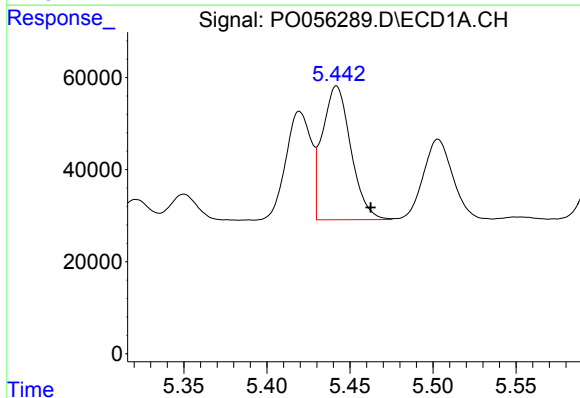
R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 346189
Conc: 243.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



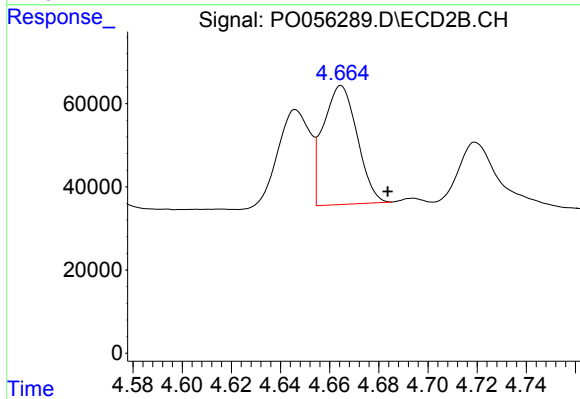
#3 AR-1016-1

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 274275
Conc: 204.09 ng/ml



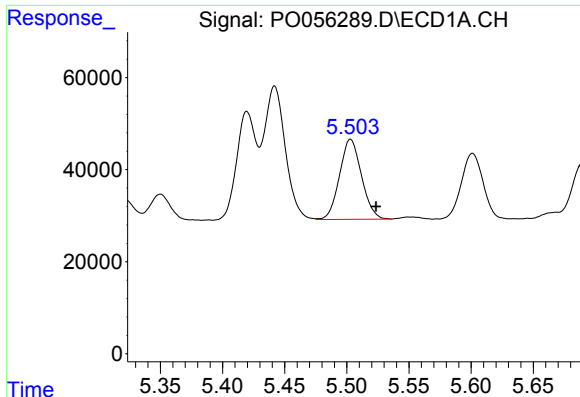
#4 AR-1016-2

R.T.: 5.442 min
Delta R.T.: -0.021 min
Response: 346189
Conc: 174.94 ng/ml



#4 AR-1016-2

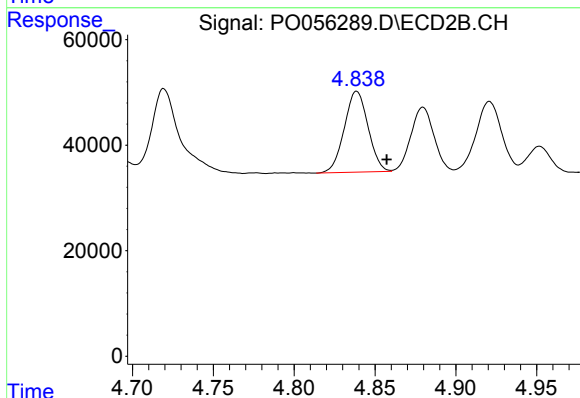
R.T.: 4.665 min
Delta R.T.: -0.019 min
Response: 274275
Conc: 150.21 ng/ml



#5 AR-1016-3

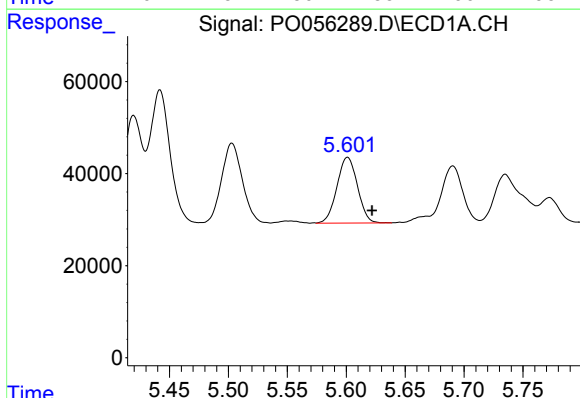
R.T.: 5.503 min
Delta R.T.: -0.021 min
Response: 213701
Conc: 166.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



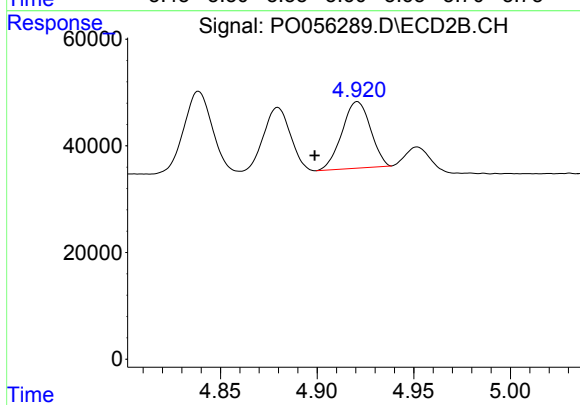
#5 AR-1016-3

R.T.: 4.839 min
Delta R.T.: -0.019 min
Response: 156862
Conc: 156.53 ng/ml



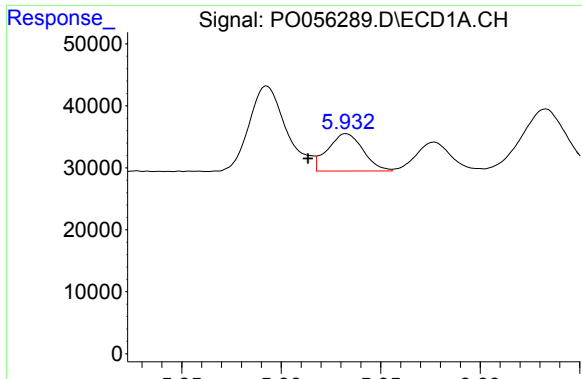
#6 AR-1016-4

R.T.: 5.601 min
Delta R.T.: -0.021 min
Response: 173379
Conc: 165.88 ng/ml



#6 AR-1016-4

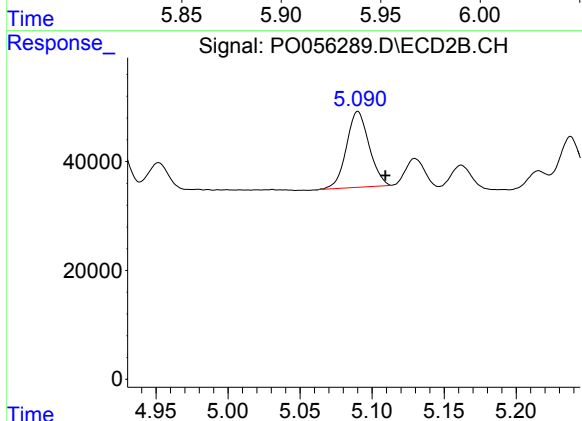
R.T.: 4.921 min
Delta R.T.: 0.022 min
Response: 127911
Conc: 157.21 ng/ml



#7 AR-1016-5

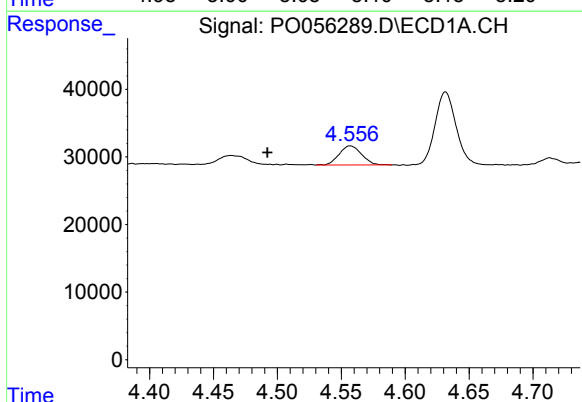
R.T.: 5.933 min
Delta R.T.: 0.019 min
Response: 73930
Conc: 65.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



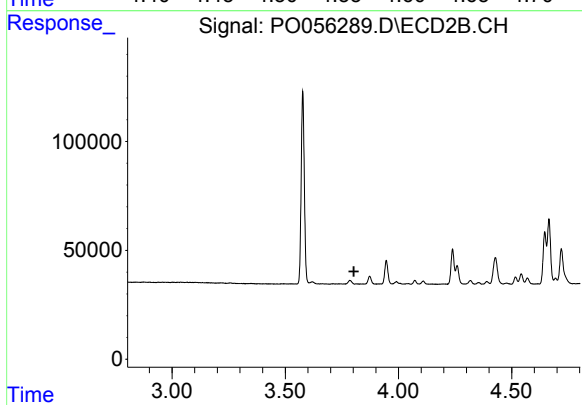
#7 AR-1016-5

R.T.: 5.090 min
Delta R.T.: -0.019 min
Response: 152517
Conc: 138.54 ng/ml



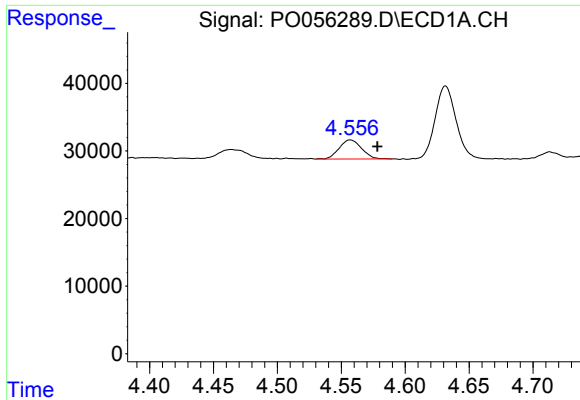
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: 0.065 min
Response: 34599
Conc: 79.58 ng/ml



#8 AR-1221-1

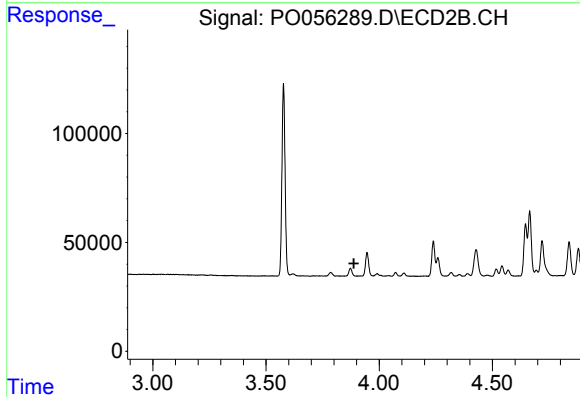
R.T.: 0.000 min
Exp R.T.: 3.804 min
Response: 0
Conc: N.D.



#9 AR-1221-2

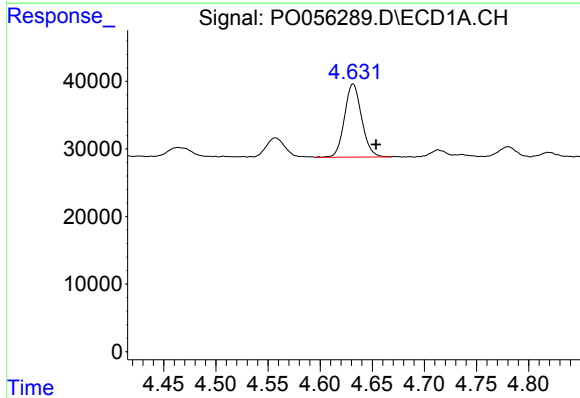
R.T.: 4.557 min
Delta R.T.: -0.021 min
Response: 34599
Conc: 103.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



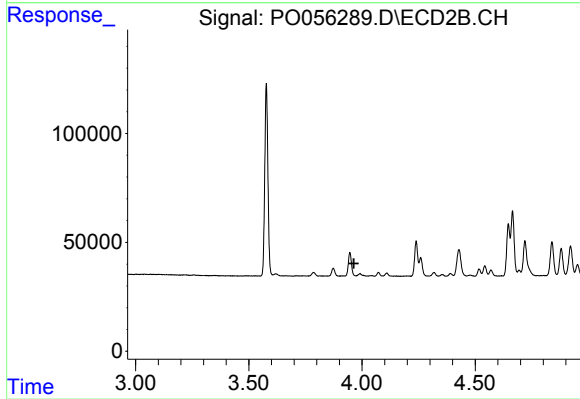
#9 AR-1221-2

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



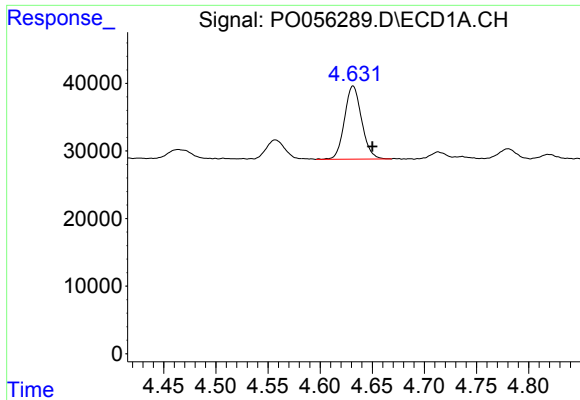
#10 AR-1221-3

R.T.: 4.632 min
Delta R.T.: -0.022 min
Response: 123864
Conc: 123.18 ng/ml



#10 AR-1221-3

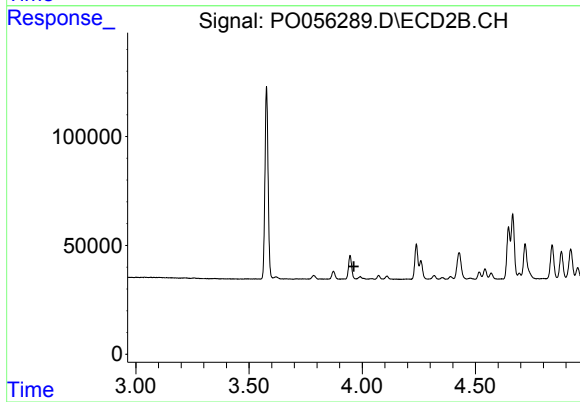
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#11 AR-1232-1

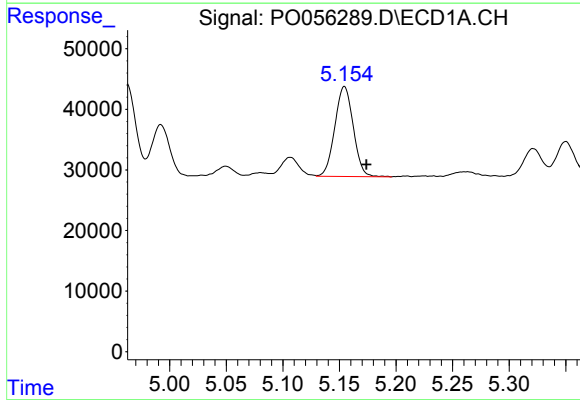
R.T.: 4.632 min
Delta R.T.: -0.019 min
Response: 123864
Conc: 144.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



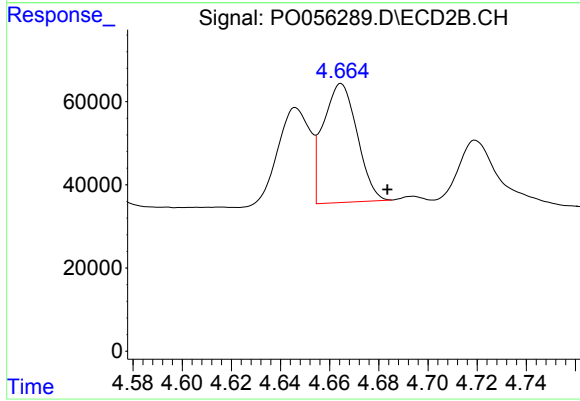
#11 AR-1232-1

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



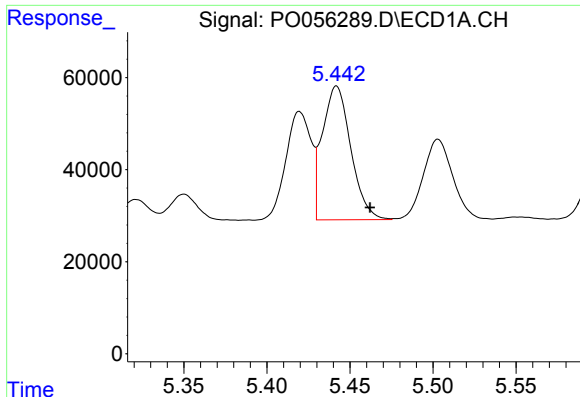
#12 AR-1232-2

R.T.: 5.154 min
Delta R.T.: -0.020 min
Response: 168349
Conc: 347.03 ng/ml



#12 AR-1232-2

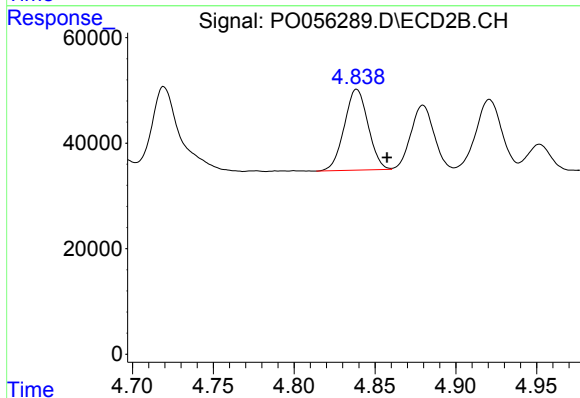
R.T.: 4.665 min
Delta R.T.: -0.019 min
Response: 274275
Conc: 312.94 ng/ml



#13 AR-1232-3

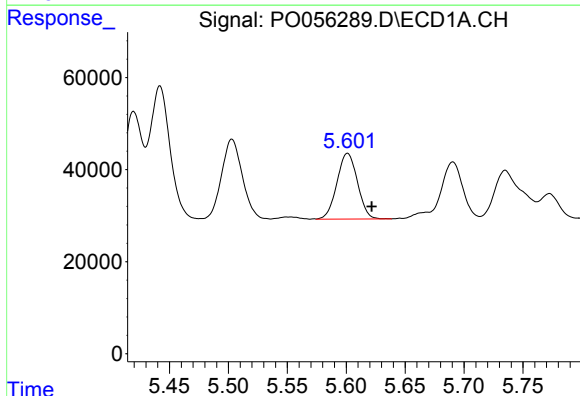
R.T.: 5.442 min
Delta R.T.: -0.020 min
Response: 346189
Conc: 357.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



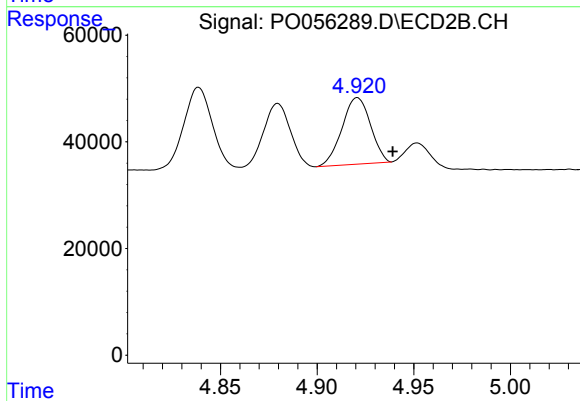
#13 AR-1232-3

R.T.: 4.839 min
Delta R.T.: -0.019 min
Response: 156862
Conc: 327.02 ng/ml



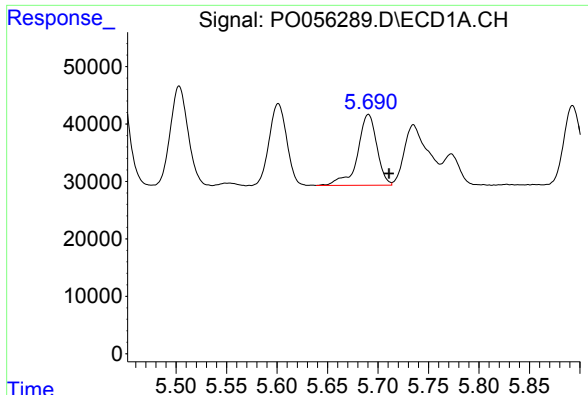
#14 AR-1232-4

R.T.: 5.601 min
Delta R.T.: -0.020 min
Response: 173379
Conc: 340.94 ng/ml



#14 AR-1232-4

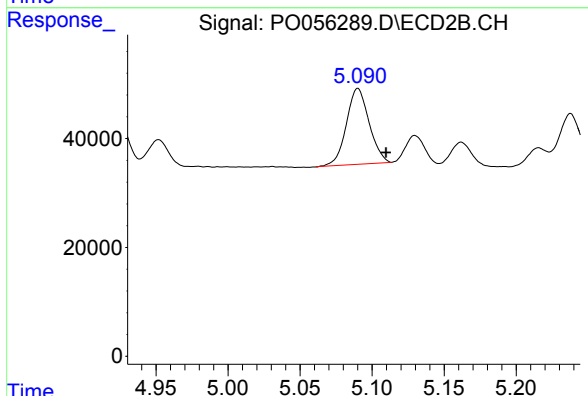
R.T.: 4.921 min
Delta R.T.: -0.018 min
Response: 127911
Conc: 301.14 ng/ml



#15 AR-1232-5

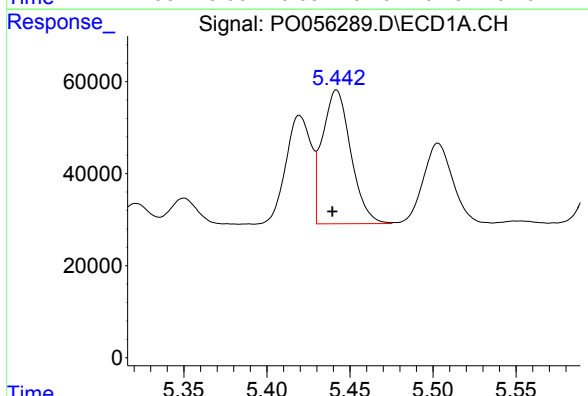
R.T.: 5.691 min
Delta R.T.: -0.020 min
Response: 164259
Conc: 378.33 ng/ml

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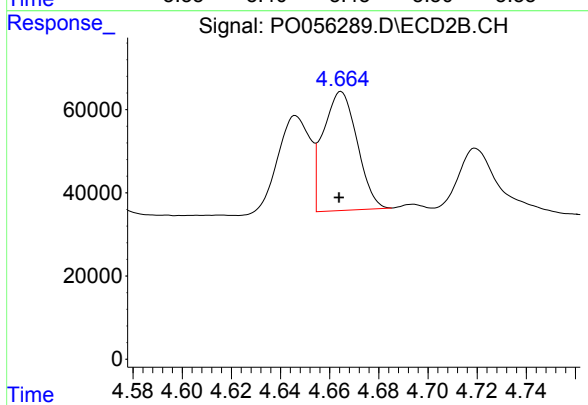
#15 AR-1232-5

R.T.: 5.090 min
Delta R.T.: -0.020 min
Response: 152517
Conc: 314.72 ng/ml



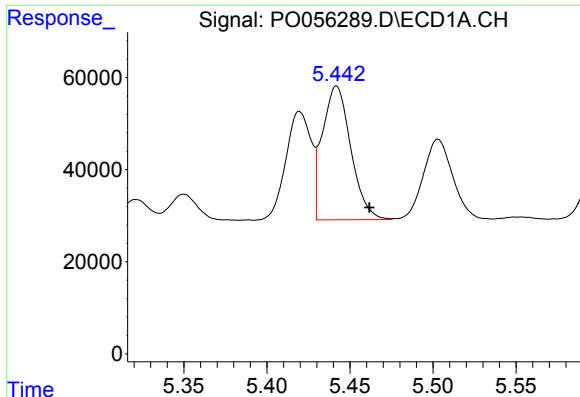
#16 AR-1242-1

R.T.: 5.442 min
Delta R.T.: 0.002 min
Response: 346189
Conc: 285.92 ng/ml



#16 AR-1242-1

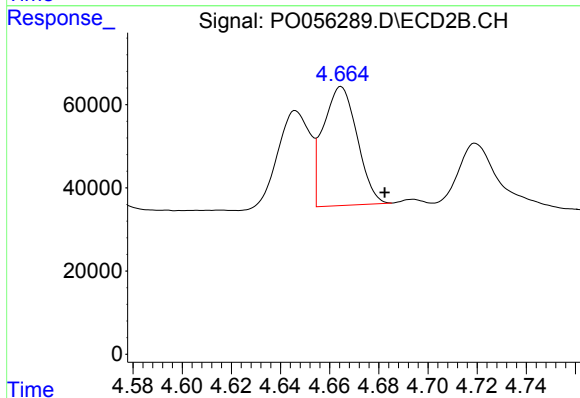
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 274275
Conc: 244.75 ng/ml



#17 AR-1242-2

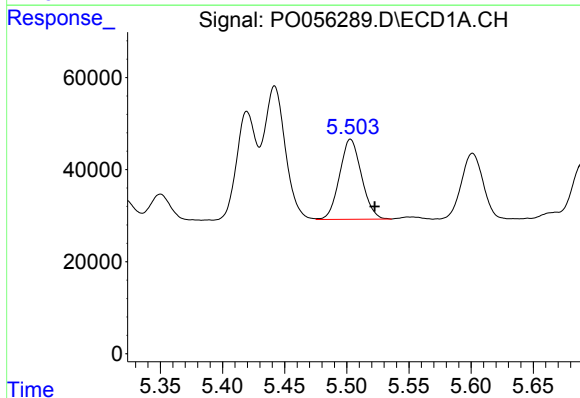
R.T.: 5.442 min
Delta R.T.: -0.020 min
Response: 346189
Conc: 205.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



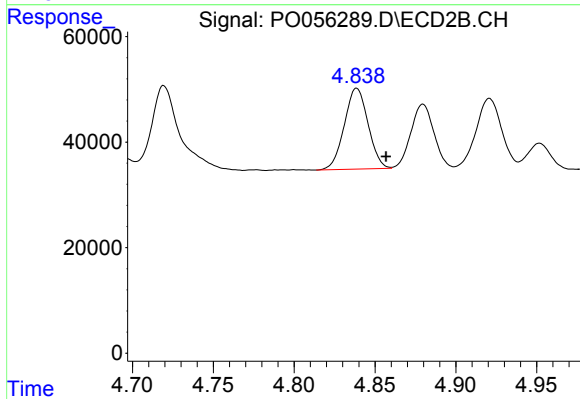
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: -0.018 min
Response: 274275
Conc: 180.27 ng/ml



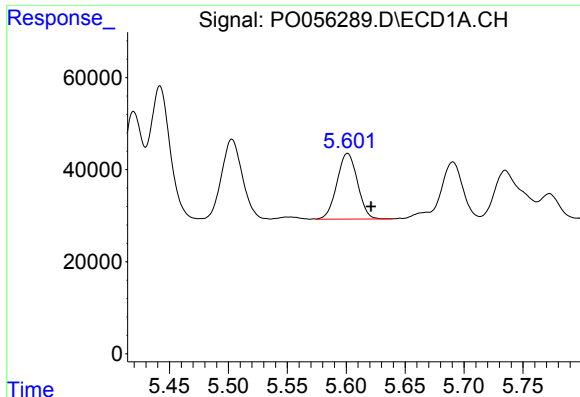
#18 AR-1242-3

R.T.: 5.503 min
Delta R.T.: -0.019 min
Response: 213701
Conc: 195.06 ng/ml



#18 AR-1242-3

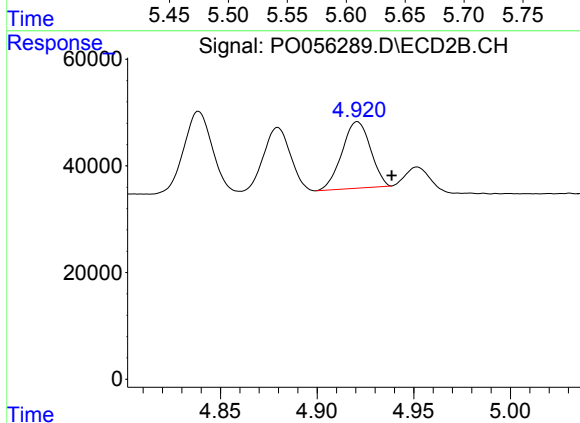
R.T.: 4.839 min
Delta R.T.: -0.018 min
Response: 156862
Conc: 181.13 ng/ml



#19 AR-1242-4

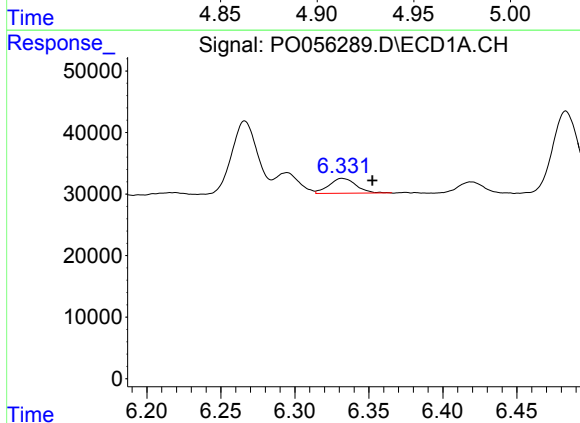
R.T.: 5.601 min
Delta R.T.: -0.020 min
Response: 173379
Conc: 192.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



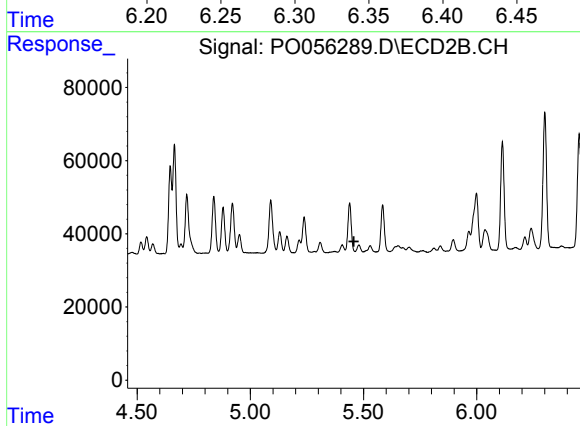
#19 AR-1242-4

R.T.: 4.921 min
Delta R.T.: -0.018 min
Response: 127911
Conc: 152.69 ng/ml



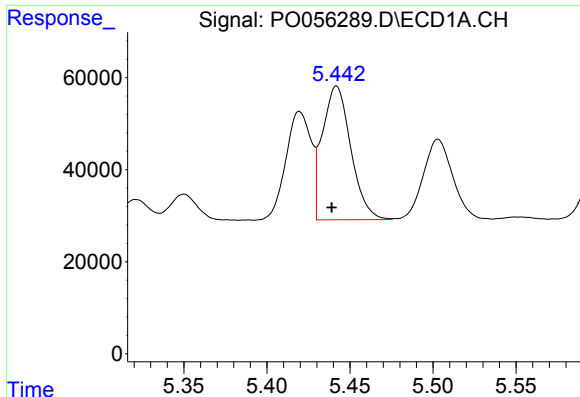
#20 AR-1242-5

R.T.: 6.332 min
Delta R.T.: -0.020 min
Response: 30622
Conc: 27.99 ng/ml



#20 AR-1242-5

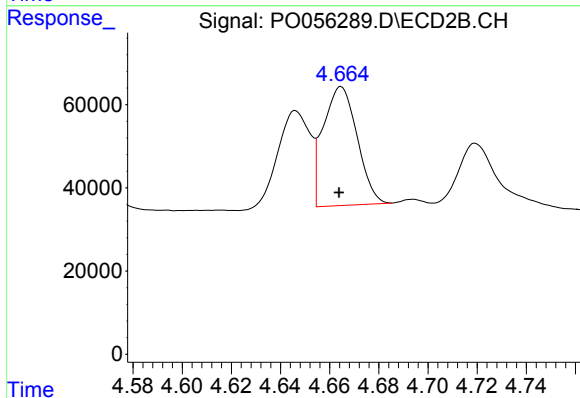
R.T.: 0.000 min
Exp R.T.: 5.457 min
Response: 0
Conc: N.D.



#21 AR-1248-1

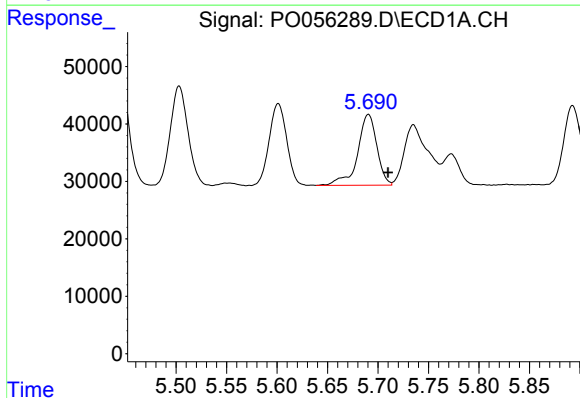
R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 346189
Conc: 382.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



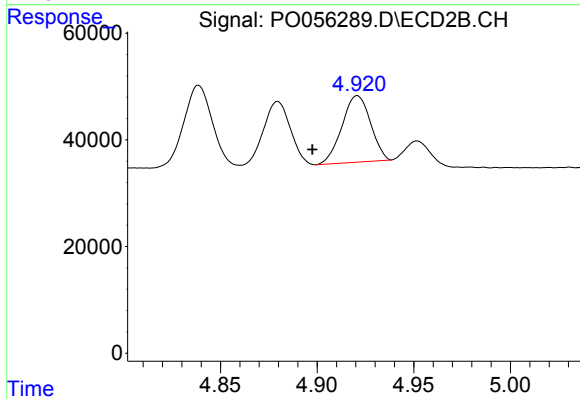
#21 AR-1248-1

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 274275
Conc: 327.09 ng/ml



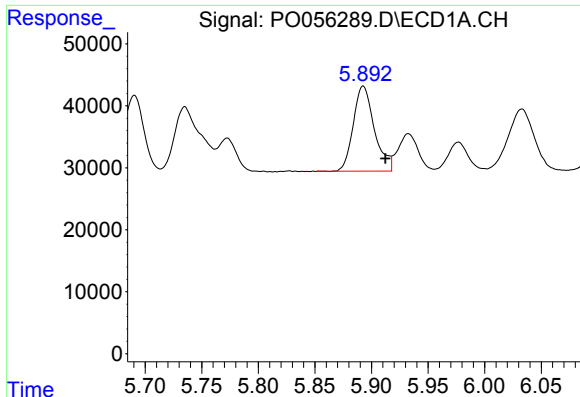
#22 AR-1248-2

R.T.: 5.691 min
Delta R.T.: -0.019 min
Response: 164259
Conc: 123.17 ng/ml



#22 AR-1248-2

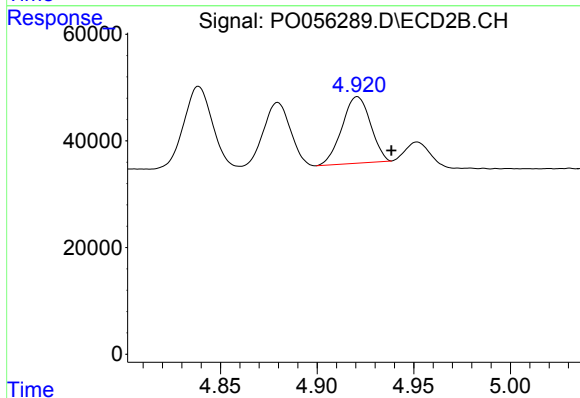
R.T.: 4.921 min
Delta R.T.: 0.023 min
Response: 127911
Conc: 116.41 ng/ml



#23 AR-1248-3

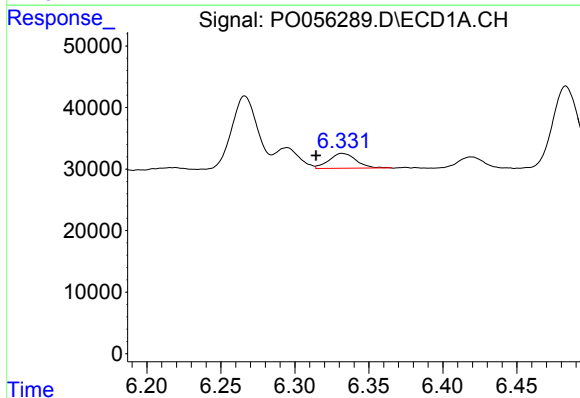
R.T.: 5.893 min
Delta R.T.: -0.019 min
Response: 177910
Conc: 120.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



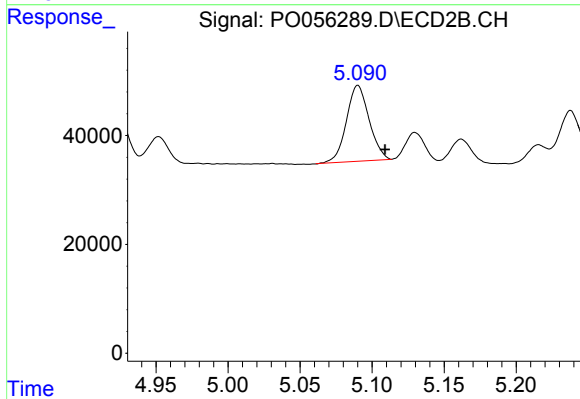
#23 AR-1248-3

R.T.: 4.921 min
Delta R.T.: -0.017 min
Response: 127911
Conc: 112.68 ng/ml



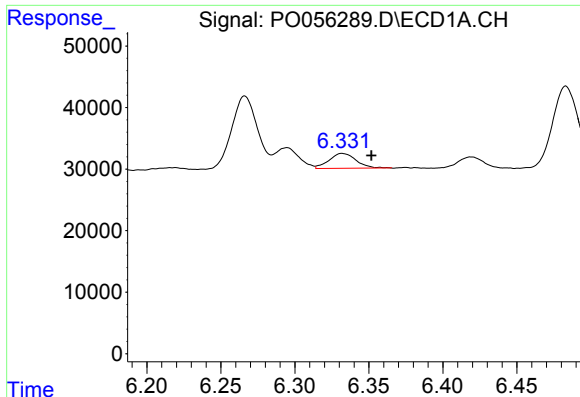
#24 AR-1248-4

R.T.: 6.332 min
Delta R.T.: 0.018 min
Response: 30622
Conc: 17.56 ng/ml



#24 AR-1248-4

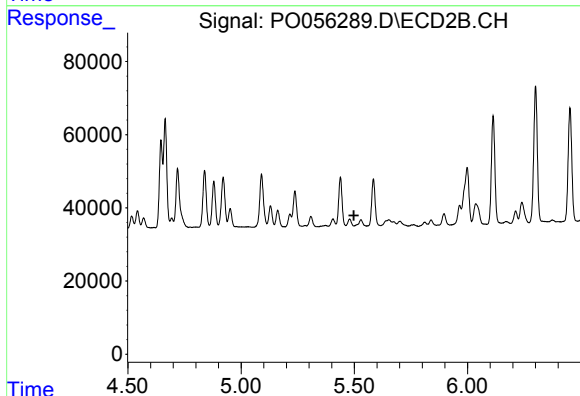
R.T.: 5.090 min
Delta R.T.: -0.019 min
Response: 152517
Conc: 108.62 ng/ml



#25 AR-1248-5

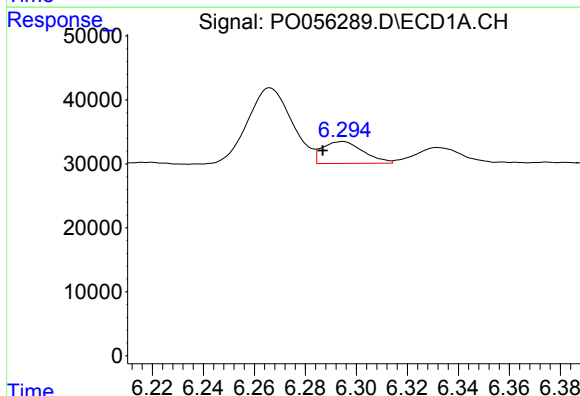
R.T.: 6.332 min
Delta R.T.: -0.020 min
Response: 30622
Conc: 18.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



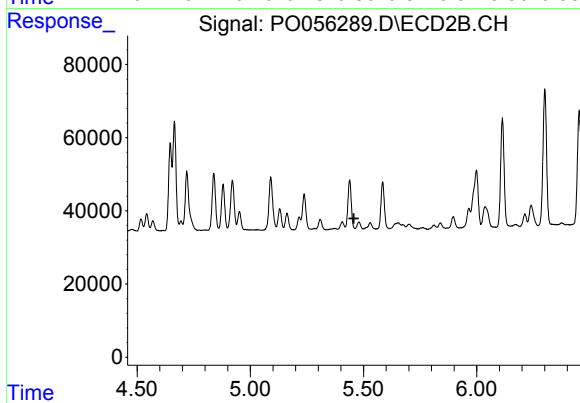
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.498 min
Response: 0
Conc: N.D.



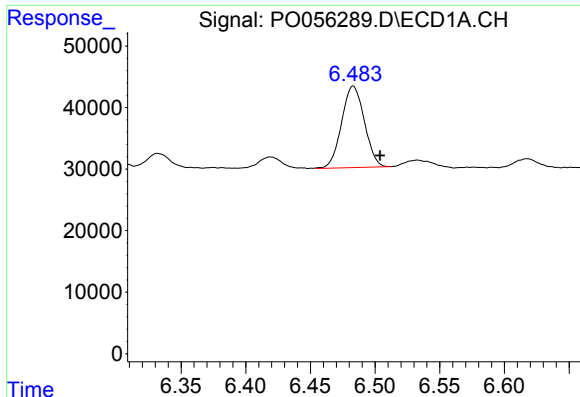
#26 AR-1254-1

R.T.: 6.295 min
Delta R.T.: 0.008 min
Response: 38059
Conc: 18.12 ng/ml



#26 AR-1254-1

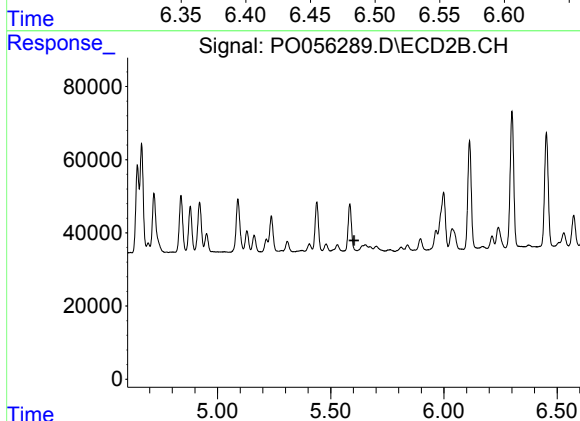
R.T.: 0.000 min
Exp R.T. : 5.457 min
Response: 0
Conc: N.D.



#27 AR-1254-2

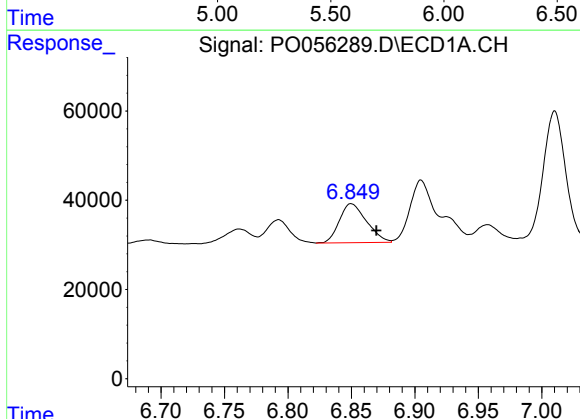
R.T.: 6.483 min
Delta R.T.: -0.021 min
Response: 161961
Conc: 48.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



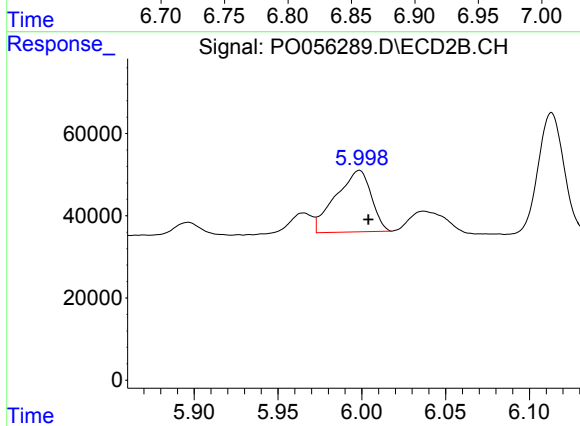
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.



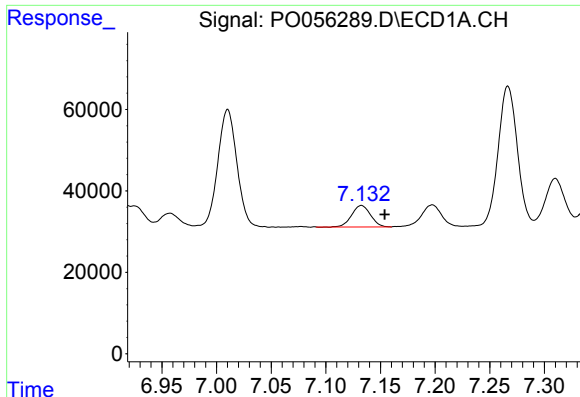
#28 AR-1254-3

R.T.: 6.850 min
Delta R.T.: -0.020 min
Response: 130142
Conc: 35.80 ng/ml



#28 AR-1254-3

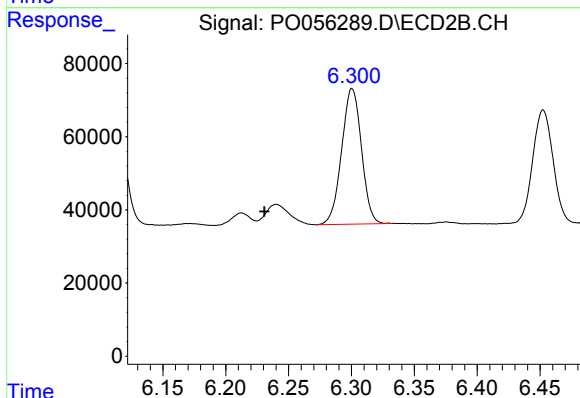
R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 220710
Conc: 55.63 ng/ml



#29 AR-1254-4

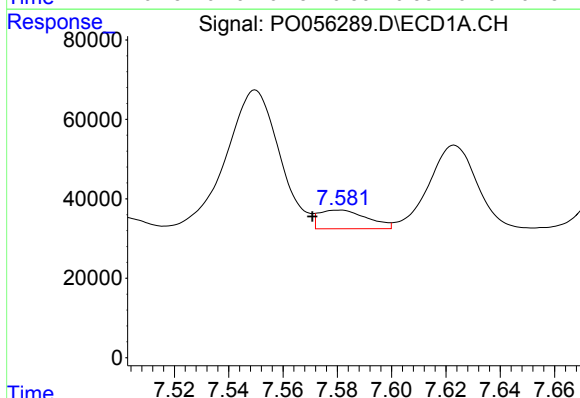
R.T.: 7.133 min
Delta R.T.: -0.021 min
Response: 63423
Conc: 23.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



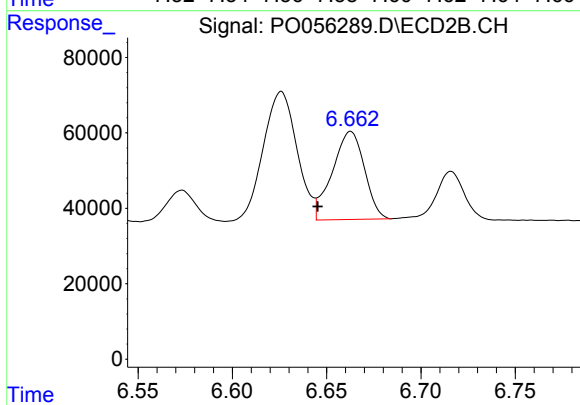
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: 0.070 min
Response: 406734
Conc: 151.70 ng/ml



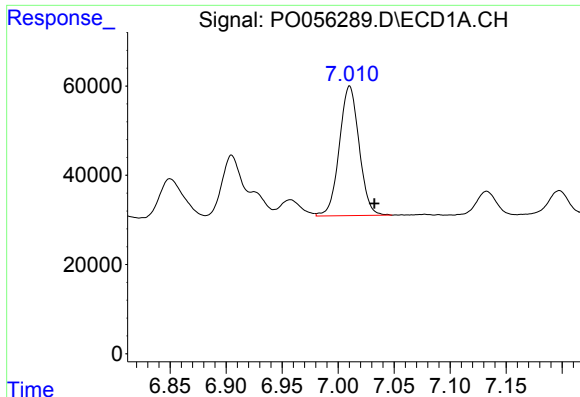
#30 AR-1254-5

R.T.: 7.581 min
Delta R.T.: 0.010 min
Response: 57778
Conc: 20.16 ng/ml



#30 AR-1254-5

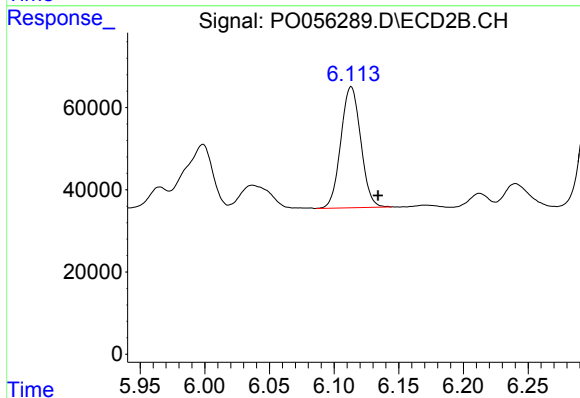
R.T.: 6.663 min
Delta R.T.: 0.018 min
Response: 277048
Conc: 76.56 ng/ml



#31 AR-1260-1

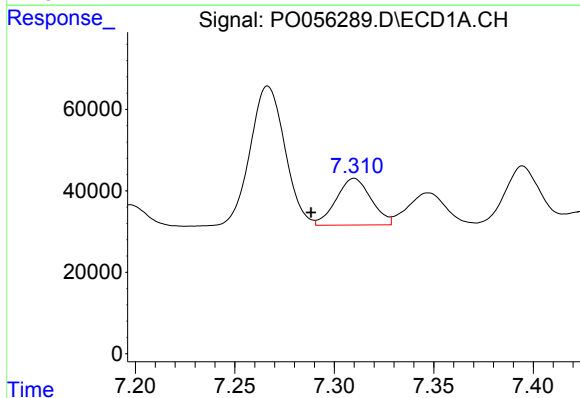
R.T.: 7.010 min
Delta R.T.: -0.022 min
Response: 357440
Conc: 165.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



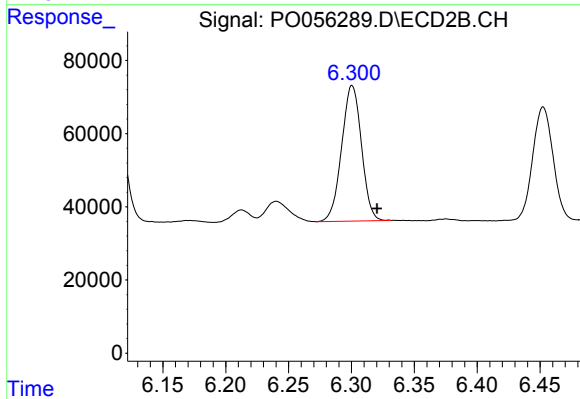
#31 AR-1260-1

R.T.: 6.113 min
Delta R.T.: -0.021 min
Response: 315336
Conc: 143.13 ng/ml



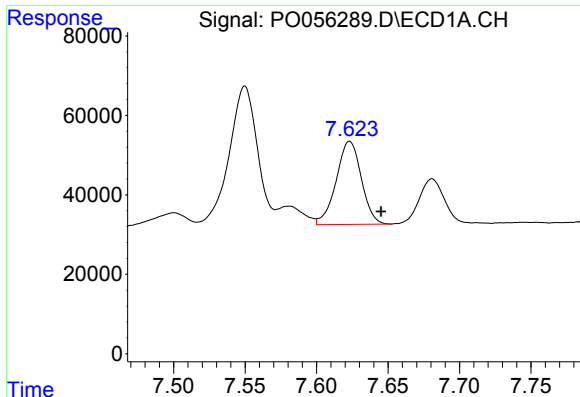
#32 AR-1260-2

R.T.: 7.310 min
Delta R.T.: 0.022 min
Response: 139935
Conc: 53.43 ng/ml



#32 AR-1260-2

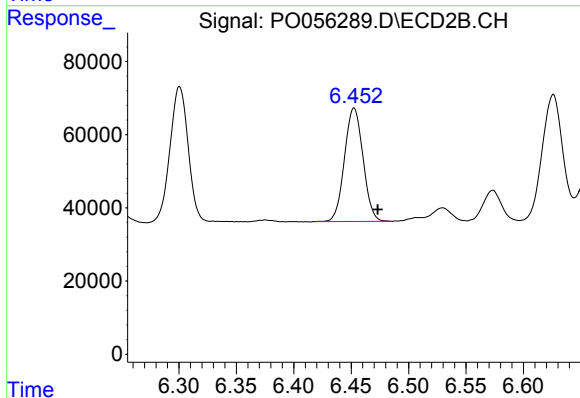
R.T.: 6.301 min
Delta R.T.: -0.020 min
Response: 406734
Conc: 133.20 ng/ml



#33 AR-1260-3

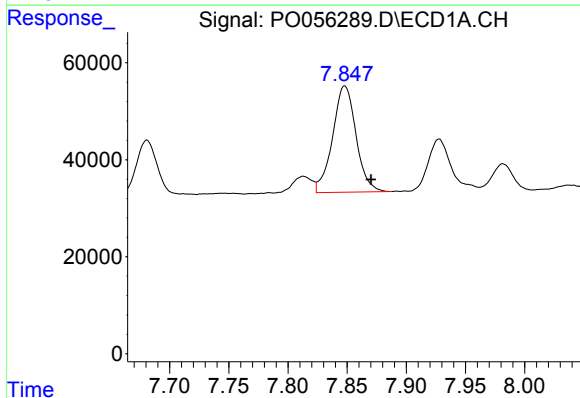
R.T.: 7.623 min
Delta R.T.: -0.022 min
Response: 256155
Conc: 128.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



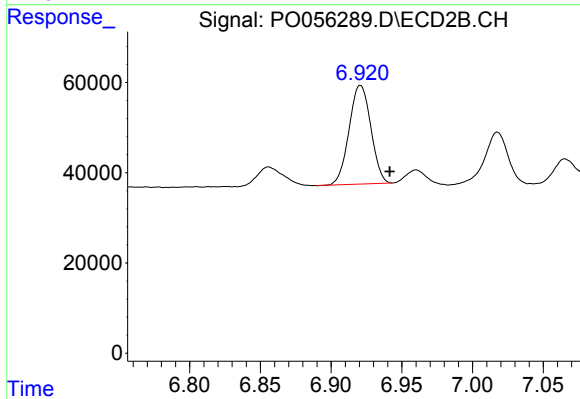
#33 AR-1260-3

R.T.: 6.453 min
Delta R.T.: -0.021 min
Response: 350070
Conc: 140.48 ng/ml



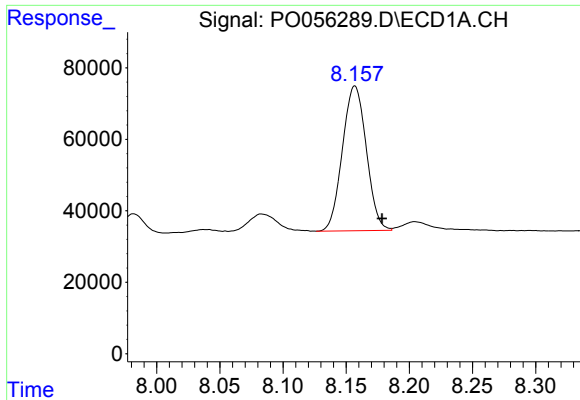
#34 AR-1260-4

R.T.: 7.848 min
Delta R.T.: -0.022 min
Response: 302962
Conc: 131.00 ng/ml



#34 AR-1260-4

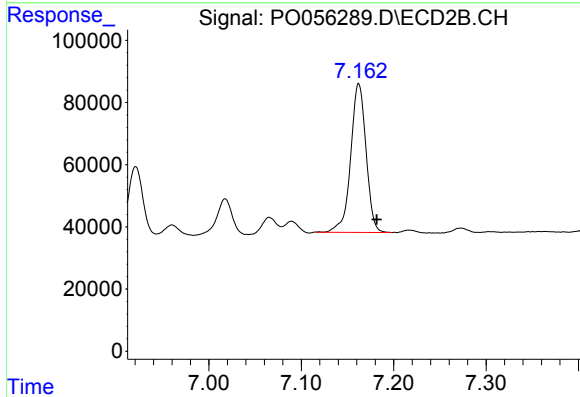
R.T.: 6.921 min
Delta R.T.: -0.021 min
Response: 233906
Conc: 113.36 ng/ml



#35 AR-1260-5

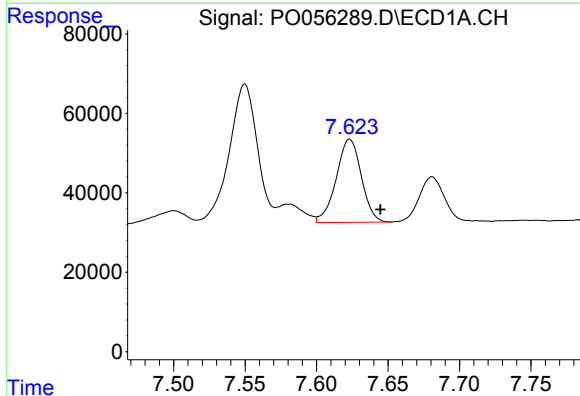
R.T.: 8.157 min
Delta R.T.: -0.022 min
Response: 533807
Conc: 125.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



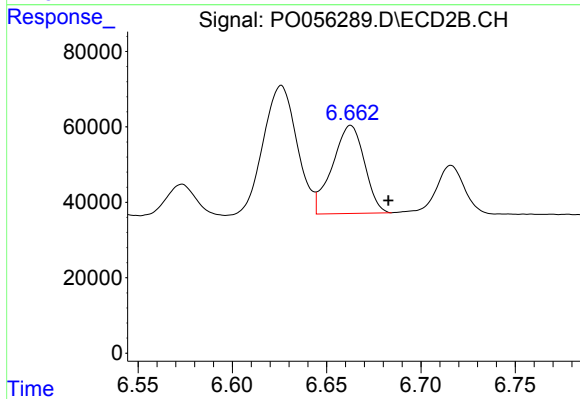
#35 AR-1260-5

R.T.: 7.162 min
Delta R.T.: -0.019 min
Response: 553333
Conc: 110.18 ng/ml



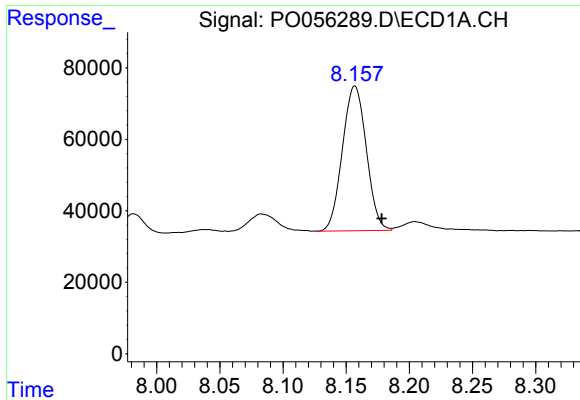
#36 AR-1262-1

R.T.: 7.623 min
Delta R.T.: -0.022 min
Response: 256155
Conc: 79.90 ng/ml



#36 AR-1262-1

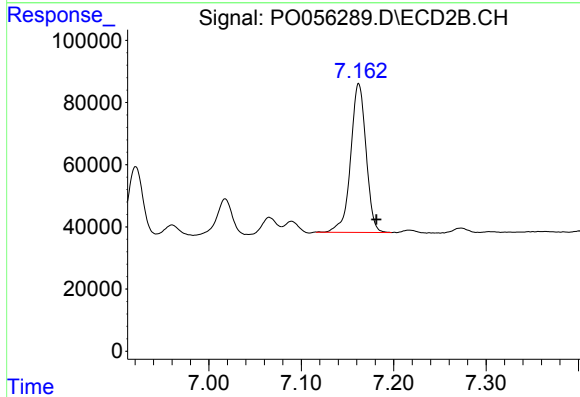
R.T.: 6.663 min
Delta R.T.: -0.020 min
Response: 277048
Conc: 67.56 ng/ml



#37 AR-1262-2

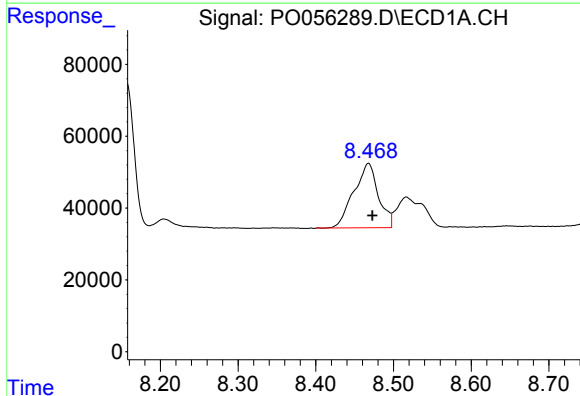
R.T.: 8.157 min
Delta R.T.: -0.021 min
Response: 533807
Conc: 99.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



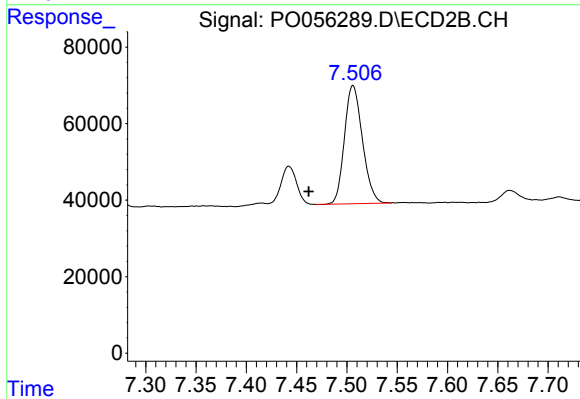
#37 AR-1262-2

R.T.: 7.162 min
Delta R.T.: -0.019 min
Response: 553333
Conc: 88.49 ng/ml



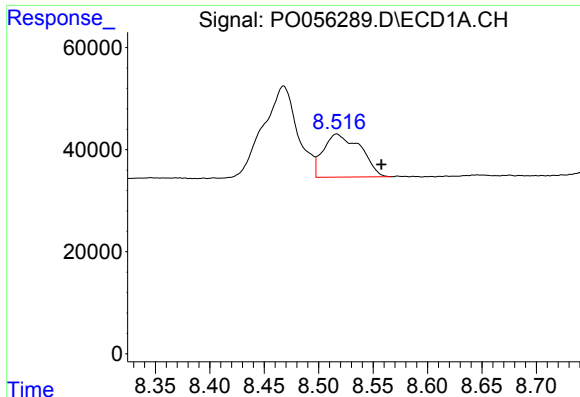
#38 AR-1262-3

R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 393211
Conc: 108.36 ng/ml



#38 AR-1262-3

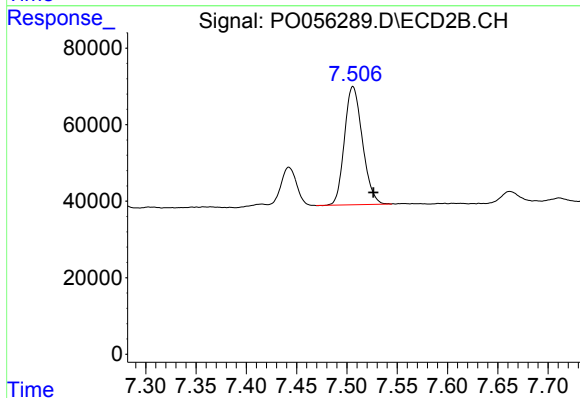
R.T.: 7.506 min
Delta R.T.: 0.044 min
Response: 384356
Conc: 156.05 ng/ml



#39 AR-1262-4

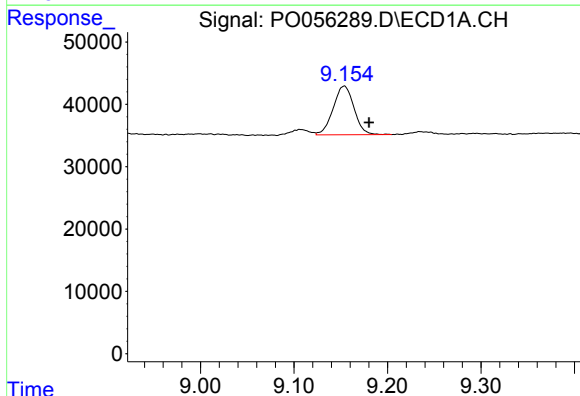
R.T.: 8.517 min
Delta R.T.: -0.041 min
Response: 200579
Conc: 73.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



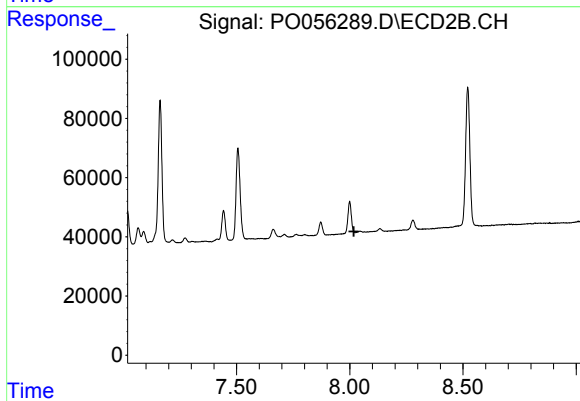
#39 AR-1262-4

R.T.: 7.506 min
Delta R.T.: -0.020 min
Response: 384356
Conc: 93.86 ng/ml



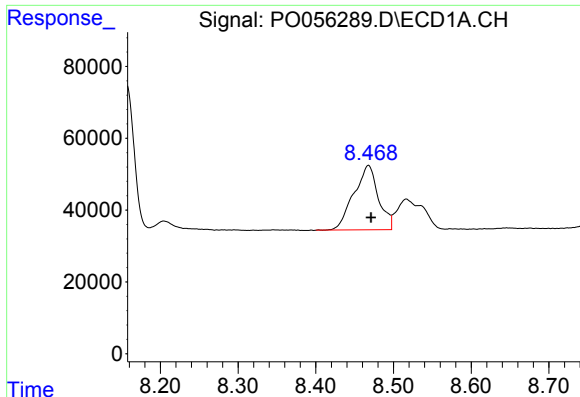
#40 AR-1262-5

R.T.: 9.154 min
Delta R.T.: -0.026 min
Response: 121180
Conc: 67.08 ng/ml



#40 AR-1262-5

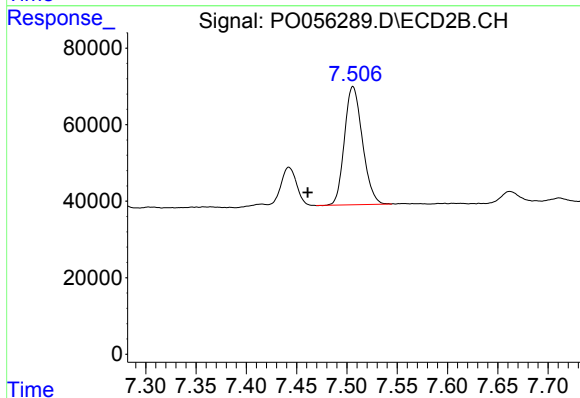
R.T.: 0.000 min
Exp R.T.: 8.018 min
Response: 0
Conc: N.D.



#41 AR-1268-1

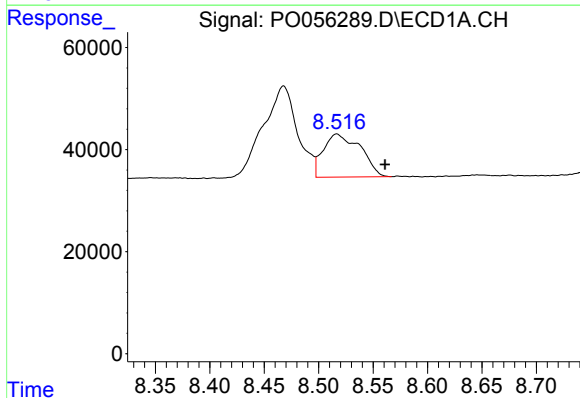
R.T.: 8.468 min
Delta R.T.: -0.003 min
Response: 393211
Conc: 65.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



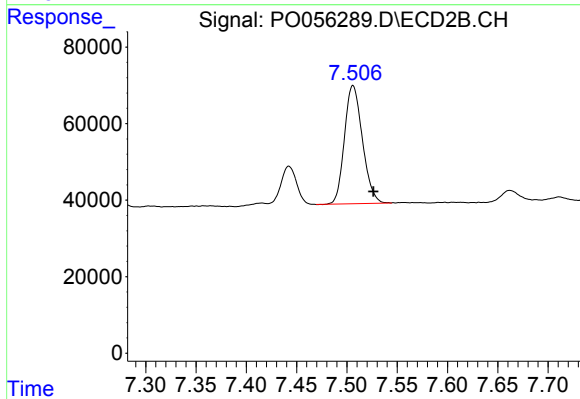
#41 AR-1268-1

R.T.: 7.506 min
Delta R.T.: 0.045 min
Response: 384356
Conc: 55.47 ng/ml



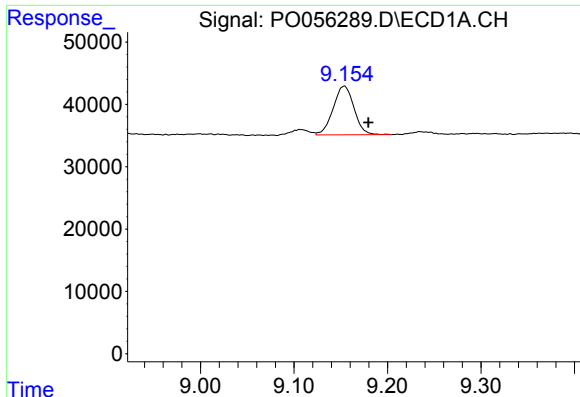
#42 AR-1268-2

R.T.: 8.517 min
Delta R.T.: -0.044 min
Response: 200579
Conc: 36.64 ng/ml



#42 AR-1268-2

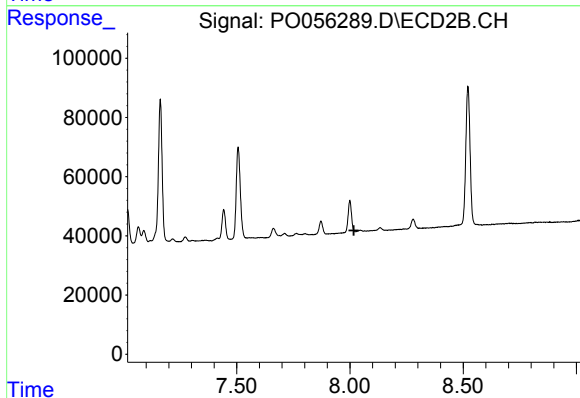
R.T.: 7.506 min
Delta R.T.: -0.020 min
Response: 384356
Conc: 67.56 ng/ml



#44 AR-1268-4

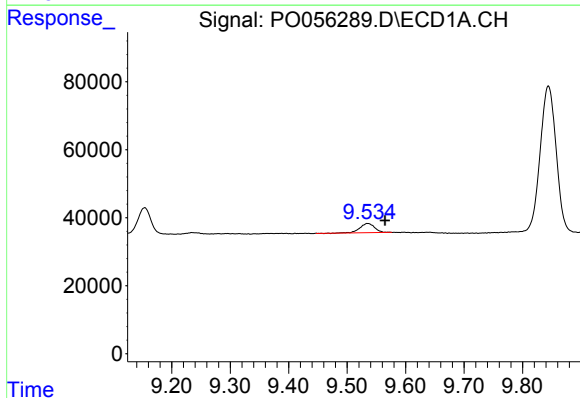
R.T.: 9.154 min
Delta R.T.: -0.026 min
Response: 121180
Conc: 61.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
C-2MSD



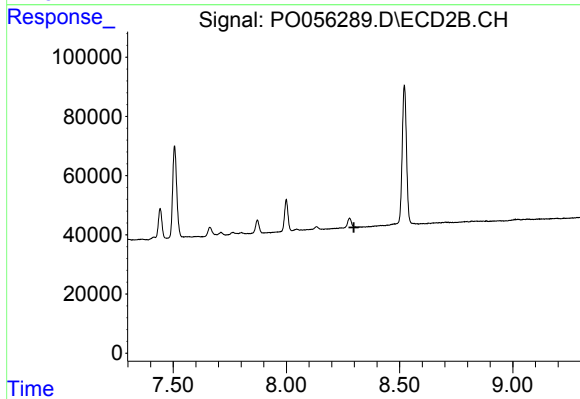
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.535 min
Delta R.T.: -0.030 min
Response: 47365
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.