

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110219\
 Data File : PO063488.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Nov 2019 19:44
 Operator : HP/AJ
 Sample : K5637-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DUP-9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:39:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.311	3.478	1075008	1214996	18.445	22.247
2)	SA Decachlor...	9.922	8.314	811545	581904	13.948	13.611
Target Compounds							
3)	L1 AR-1016-1	5.407	4.588	222566	149189	101.806	79.631
4)	L1 AR-1016-2	0.000	4.588	0	149189	N.D.	54.697 #
5)	L1 AR-1016-3	0.000	4.703	0	191550	N.D.	138.017 #
6)	L1 AR-1016-4	5.624	4.703	332668	191550	210.672	171.506
7)	L1 AR-1016-5	5.946	4.960	2735873	254871	1795.911	169.178 #
9)	L2 AR-1221-2	0.000	3.764	0	143468	N.D.	371.592 #
10)	L2 AR-1221-3	4.697	3.836	443552	157471	321.034	128.066 #
11)	L3 AR-1232-1	4.697	3.836	443552	157471	232.452	92.262 #
12)	L3 AR-1232-2	5.181	4.588	431578	149189	435.977	75.843 #
13)	L3 AR-1232-3	0.000	4.703	0	191550	N.D.	197.997 #
14)	L3 AR-1232-4	5.624	4.808	332668	2546618	301.213	3067.151 #
15)	L3 AR-1232-5	0.000	4.960	0	254871	N.D.	272.310 #
16)	L4 AR-1242-1	5.407	4.588	222566	149189	138.757	107.961
17)	L4 AR-1242-2	0.000	4.588	0	149189	N.D.	72.715 #
18)	L4 AR-1242-3	5.624	4.703	332668	191550	239.429	182.779
19)	L4 AR-1242-4	5.624	4.808	332668	2546618	284.733	2565.555 #
20)	L4 AR-1242-5	6.325	5.299	556448	301621	386.612	215.902 #
21)	L5 AR-1248-1	5.407	4.588	222566	149189	180.517	136.495
22)	L5 AR-1248-2	0.000	4.703	0	191550	N.D.	136.978 #
23)	L5 AR-1248-3	5.946	4.808	2735873	2546618	1411.283	1760.907
24)	L5 AR-1248-4	6.325	4.960	556448	254871	223.566	141.540 #
25)	L5 AR-1248-5	6.325	5.363	556448	36297	238.354	19.635 #
26)	L6 AR-1254-1	6.325	5.299	556448	301621	218.866	100.130 #
27)	L6 AR-1254-2	6.539	5.431	329302	136728	81.409	50.696 #
28)	L6 AR-1254-3	0.000	5.826	0	210316	N.D.	48.988 #
29)	L6 AR-1254-4	0.000	6.049	0	312894	N.D.	109.801 #
30)	L6 AR-1254-5	0.000	6.457	0	216711	N.D.	58.136 #
31)	L7 AR-1260-1	0.000	5.955	0	227949	N.D.	82.535 #
32)	L7 AR-1260-2	7.310	6.140	454642	254360	112.620	66.294 #
33)	L7 AR-1260-3	0.000	6.286	0	169319	N.D.	53.964 #
34)	L7 AR-1260-4	0.000	6.751	0	103479	N.D.	40.870 #
35)	L7 AR-1260-5	0.000	6.989	0	338383	N.D.	55.514 #
36)	L8 AR-1262-1	0.000	6.551	0	57317	N.D.	31.500 #
37)	L8 AR-1262-2	0.000	6.989	0	338383	N.D.	47.478 #
38)	L8 AR-1262-3	0.000	7.266	0	87534	N.D.	32.660 #
39)	L8 AR-1262-4	0.000	7.330	0	121075	N.D.	26.401 #
41)	L9 AR-1268-1	0.000	7.266	0	87534	N.D.	10.985 #
42)	L9 AR-1268-2	0.000	7.330	0	121075	N.D.	18.388 #
43)	L9 AR-1268-3	0.000	7.529	0	31139	N.D.	5.572 #

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Integration File signal 1: autoint1.e
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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
45) L9	AR-1268-5	0.000	8.081	0	51636	N.D.	3.449 #

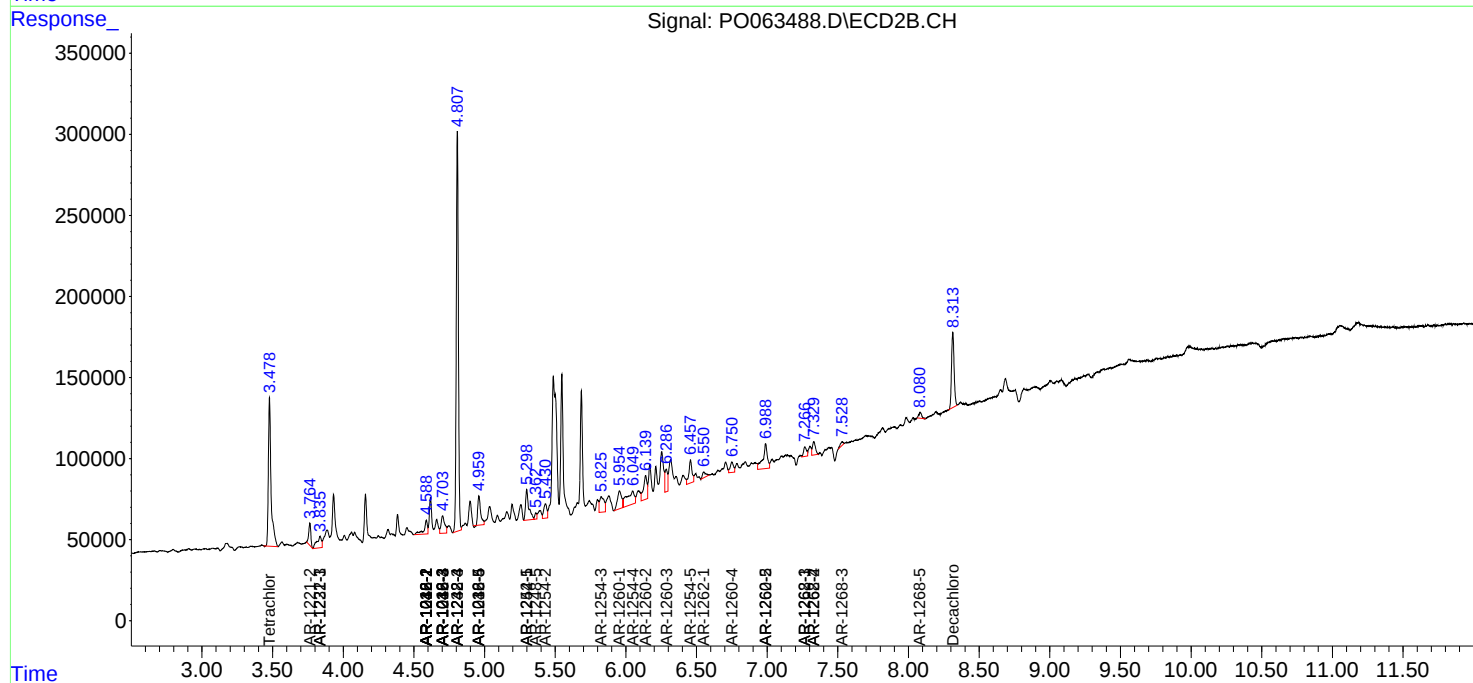
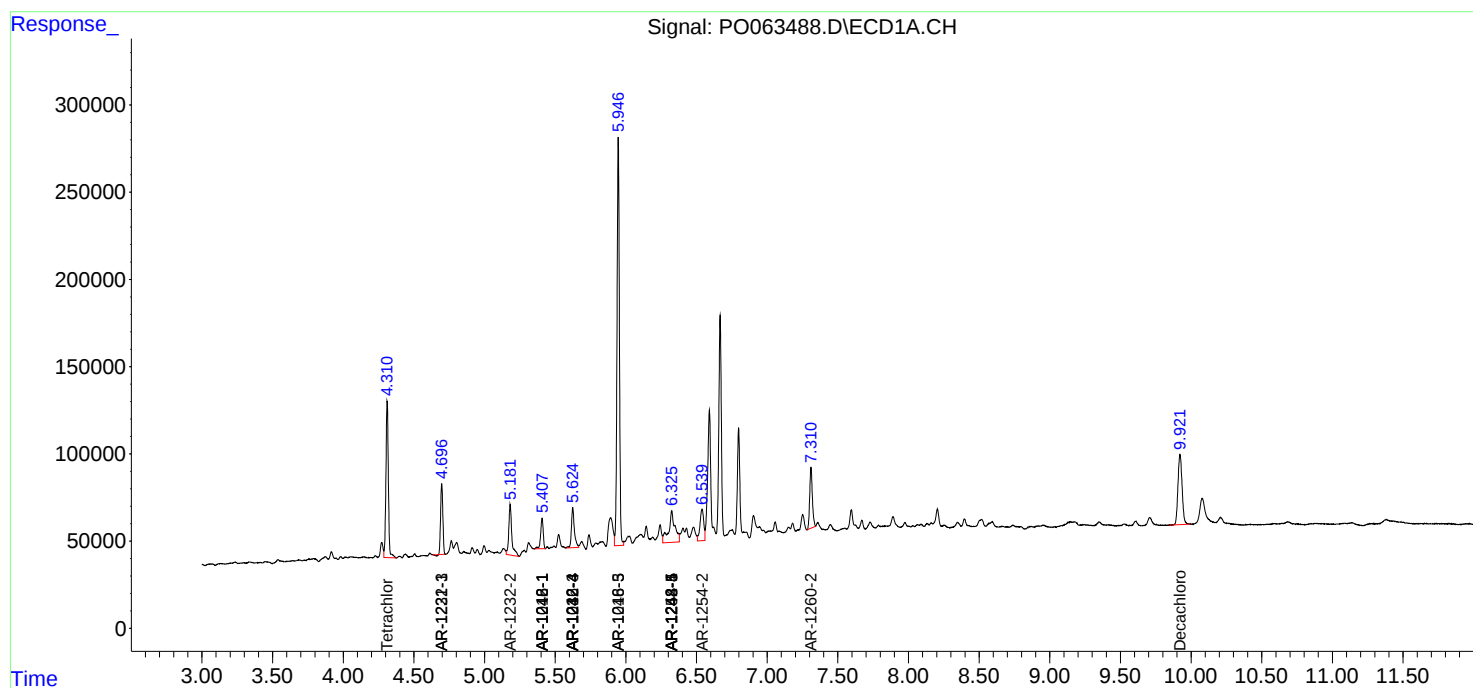
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

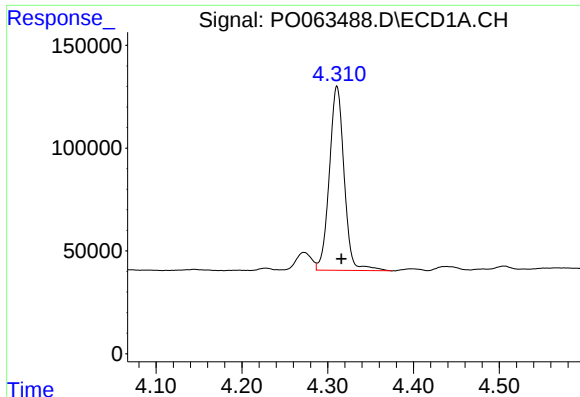
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

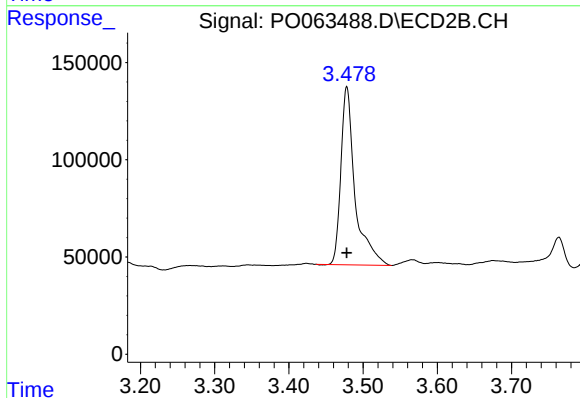




#1 Tetrachloro-m-xylene

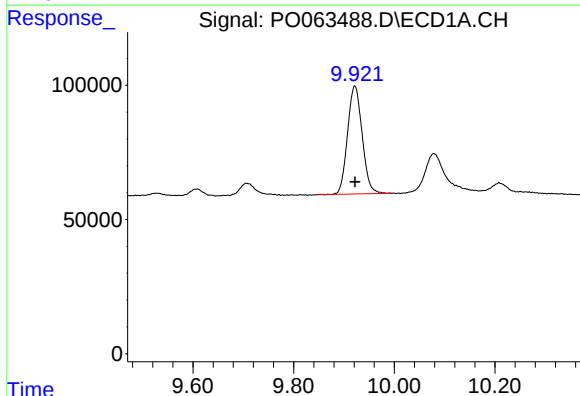
R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 1075008
Conc: 18.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



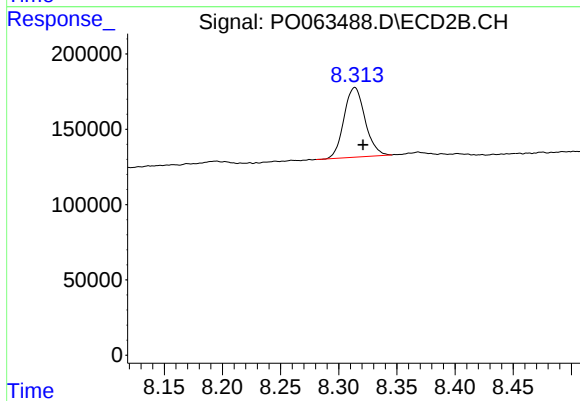
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.000 min
Response: 1214996
Conc: 22.25 ng/ml



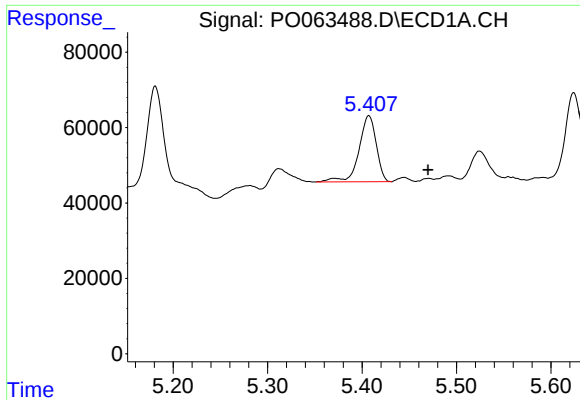
#2 Decachlorobiphenyl

R.T.: 9.922 min
Delta R.T.: 0.000 min
Response: 811545
Conc: 13.95 ng/ml



#2 Decachlorobiphenyl

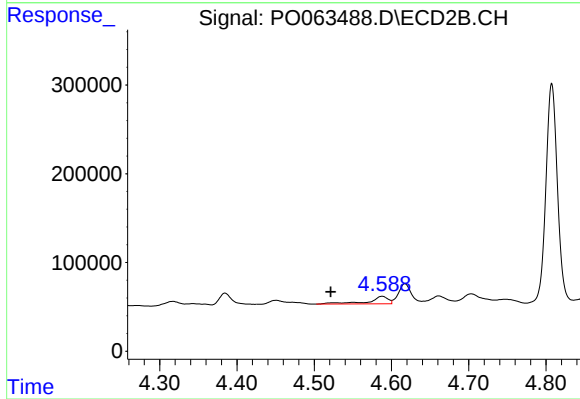
R.T.: 8.314 min
Delta R.T.: -0.007 min
Response: 581904
Conc: 13.61 ng/ml



#3 AR-1016-1

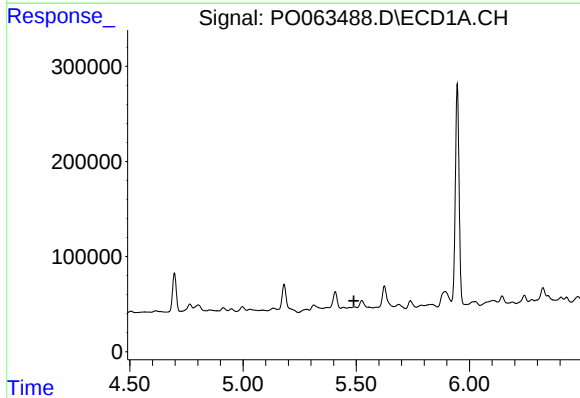
R.T.: 5.407 min
Delta R.T.: -0.063 min
Response: 222566
Conc: 101.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



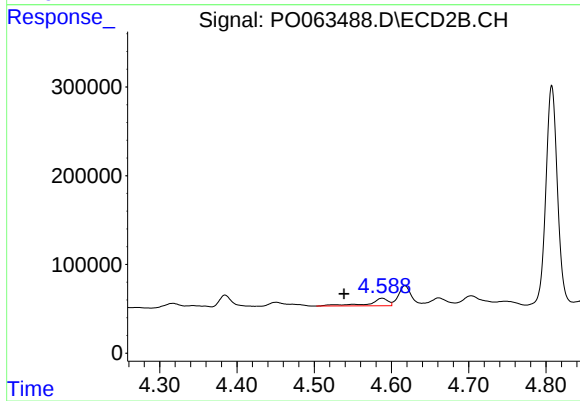
#3 AR-1016-1

R.T.: 4.588 min
Delta R.T.: 0.066 min
Response: 149189
Conc: 79.63 ng/ml



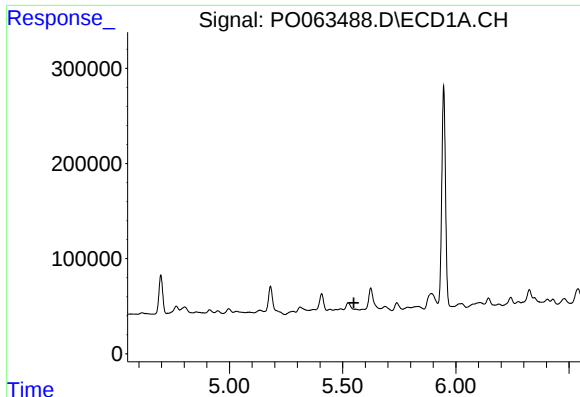
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.490 min
Response: 0
Conc: N.D.



#4 AR-1016-2

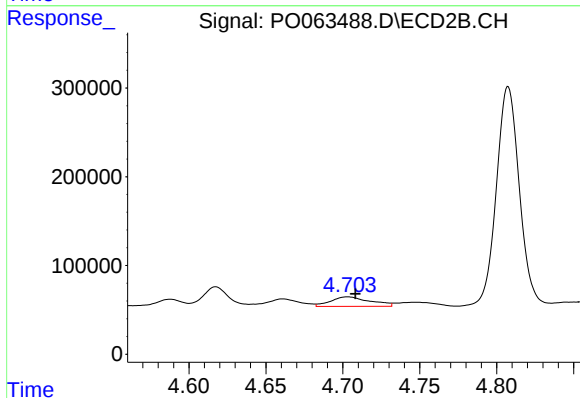
R.T.: 4.588 min
Delta R.T.: 0.049 min
Response: 149189
Conc: 54.70 ng/ml



#5 AR-1016-3

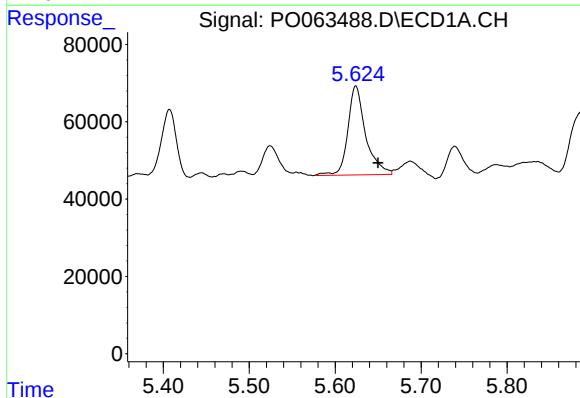
R.T.: 0.000 min
Exp R.T.: 5.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



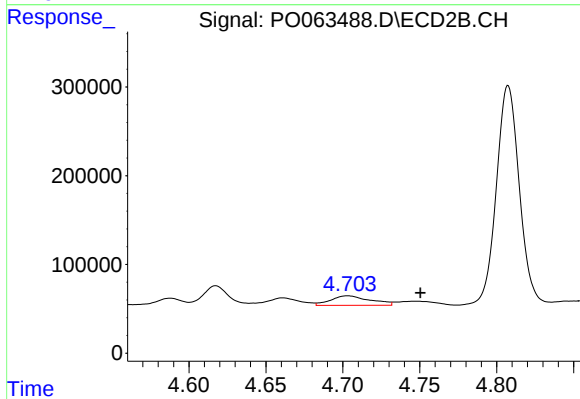
#5 AR-1016-3

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 191550
Conc: 138.02 ng/ml



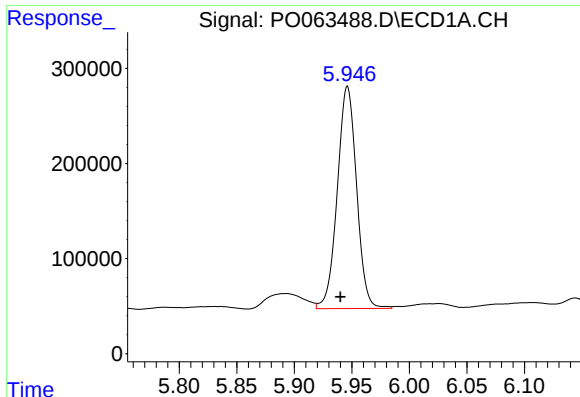
#6 AR-1016-4

R.T.: 5.624 min
Delta R.T.: -0.026 min
Response: 332668
Conc: 210.67 ng/ml



#6 AR-1016-4

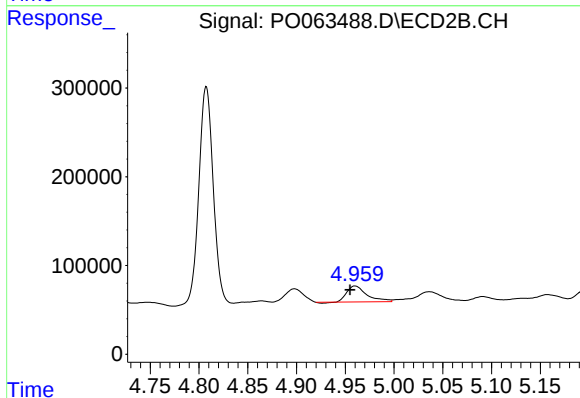
R.T.: 4.703 min
Delta R.T.: -0.047 min
Response: 191550
Conc: 171.51 ng/ml



#7 AR-1016-5

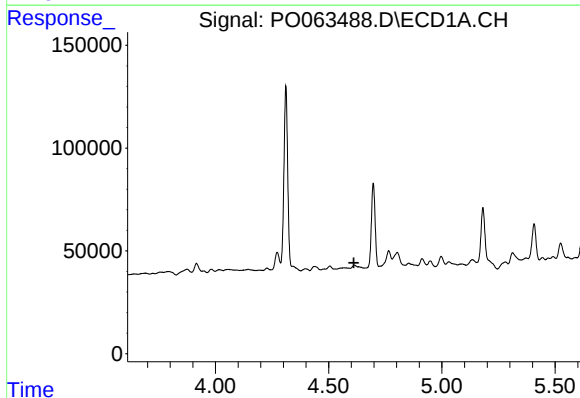
R.T.: 5.946 min
Delta R.T.: 0.006 min
Response: 2735873
Conc: 1795.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



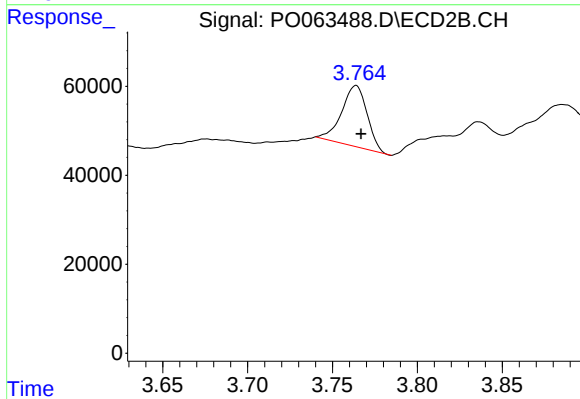
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 254871
Conc: 169.18 ng/ml



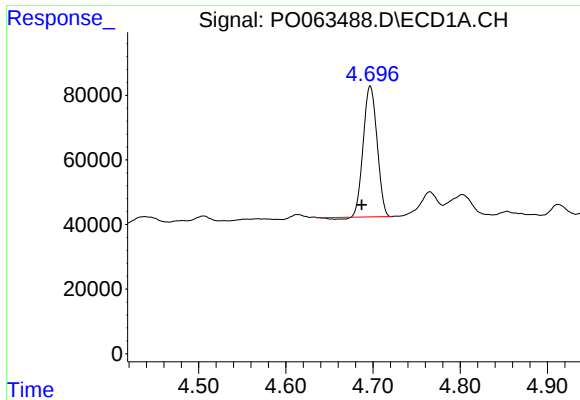
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.611 min
Response: 0
Conc: N.D.



#9 AR-1221-2

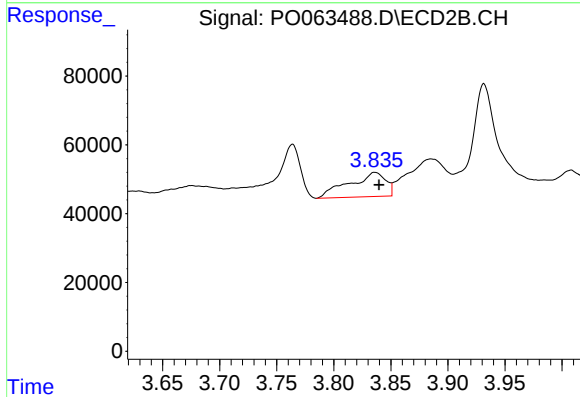
R.T.: 3.764 min
Delta R.T.: -0.003 min
Response: 143468
Conc: 371.59 ng/ml



#10 AR-1221-3

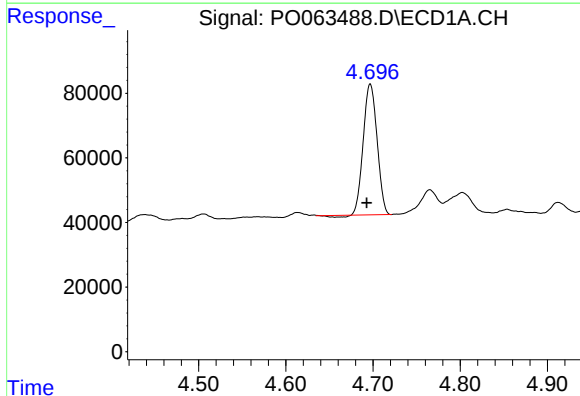
R.T.: 4.697 min
Delta R.T.: 0.010 min
Response: 443552
Conc: 321.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



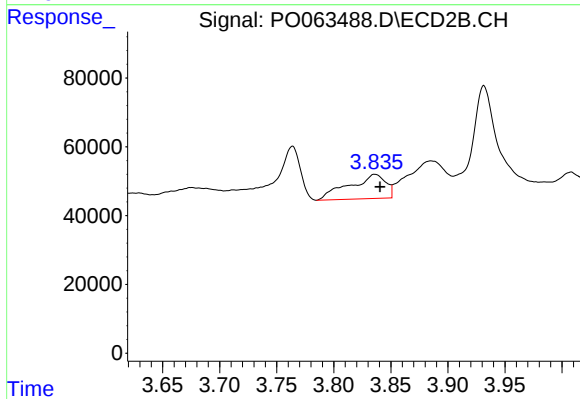
#10 AR-1221-3

R.T.: 3.836 min
Delta R.T.: -0.004 min
Response: 157471
Conc: 128.07 ng/ml



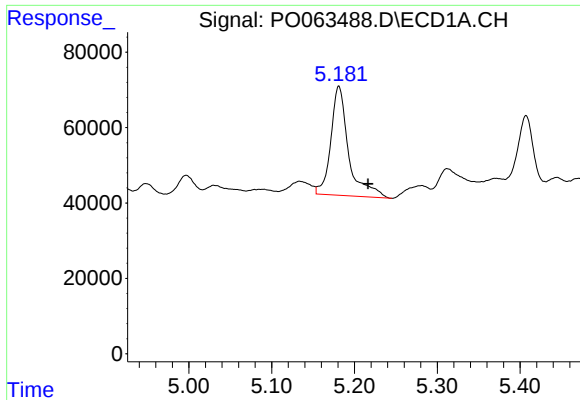
#11 AR-1232-1

R.T.: 4.697 min
Delta R.T.: 0.004 min
Response: 443552
Conc: 232.45 ng/ml



#11 AR-1232-1

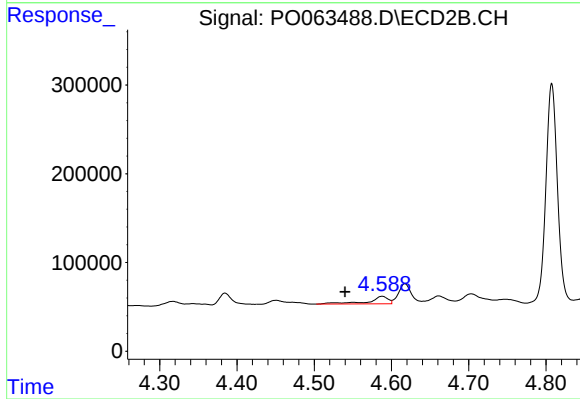
R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 157471
Conc: 92.26 ng/ml



#12 AR-1232-2

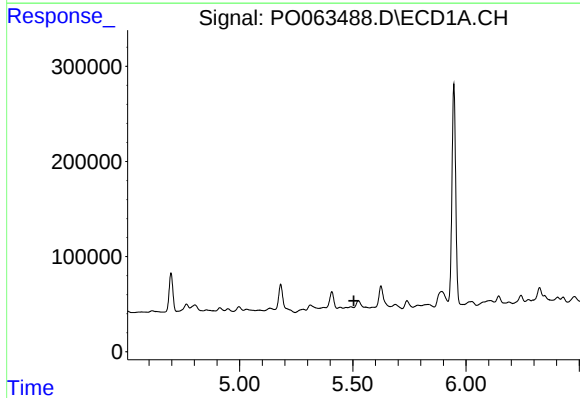
R.T.: 5.181 min
Delta R.T.: -0.035 min
Response: 431578
Conc: 435.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



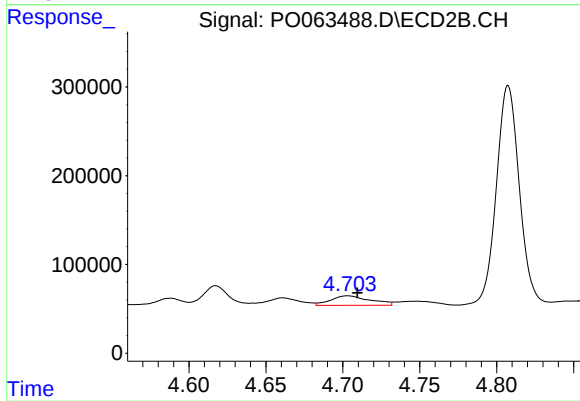
#12 AR-1232-2

R.T.: 4.588 min
Delta R.T.: 0.048 min
Response: 149189
Conc: 75.84 ng/ml



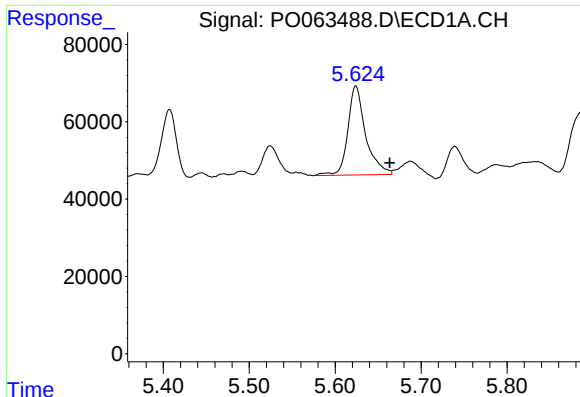
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.504 min
Response: 0
Conc: N.D.



#13 AR-1232-3

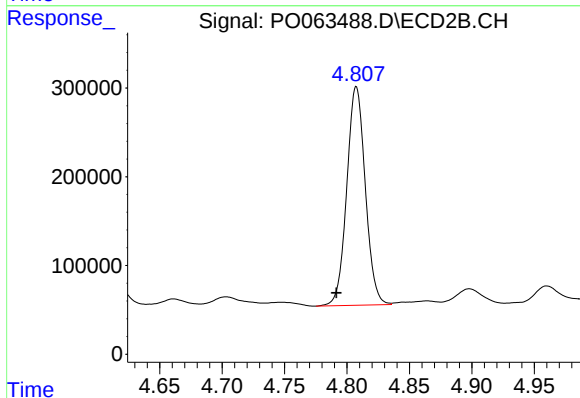
R.T.: 4.703 min
Delta R.T.: -0.007 min
Response: 191550
Conc: 198.00 ng/ml



#14 AR-1232-4

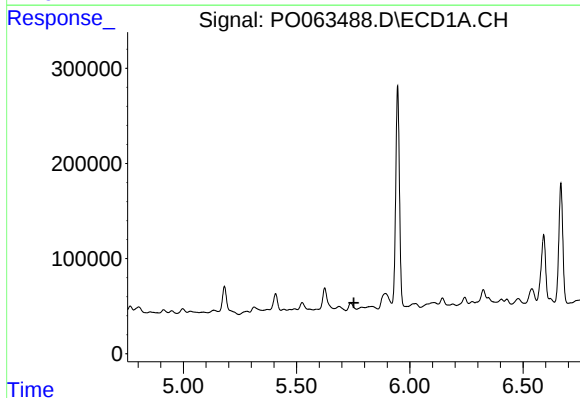
R.T.: 5.624 min
Delta R.T.: -0.039 min
Response: 332668
Conc: 301.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



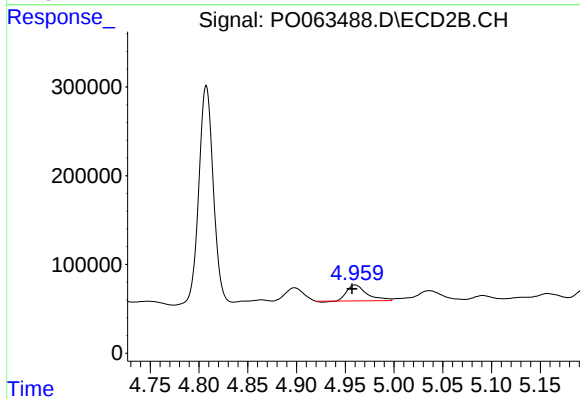
#14 AR-1232-4

R.T.: 4.808 min
Delta R.T.: 0.016 min
Response: 2546618
Conc: 3067.15 ng/ml



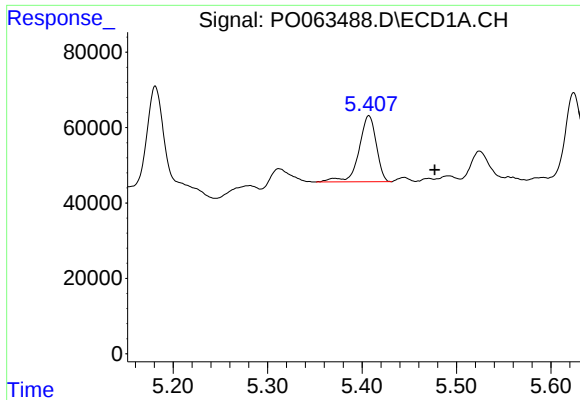
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.753 min
Response: 0
Conc: N.D.



#15 AR-1232-5

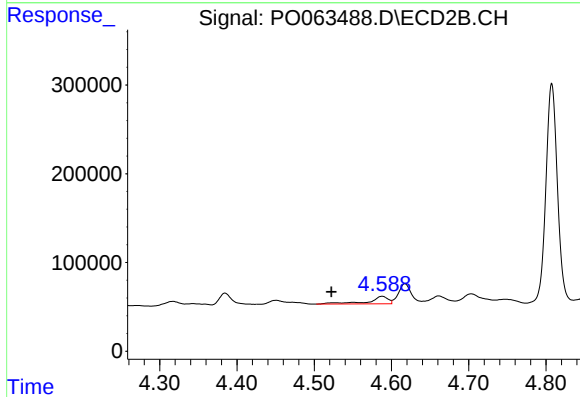
R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 254871
Conc: 272.31 ng/ml



#16 AR-1242-1

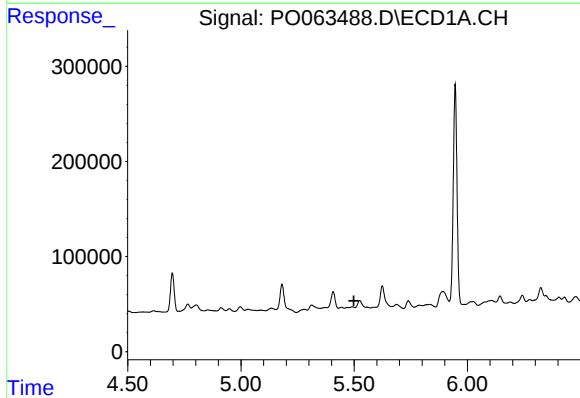
R.T.: 5.407 min
Delta R.T.: -0.070 min
Response: 222566
Conc: 138.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



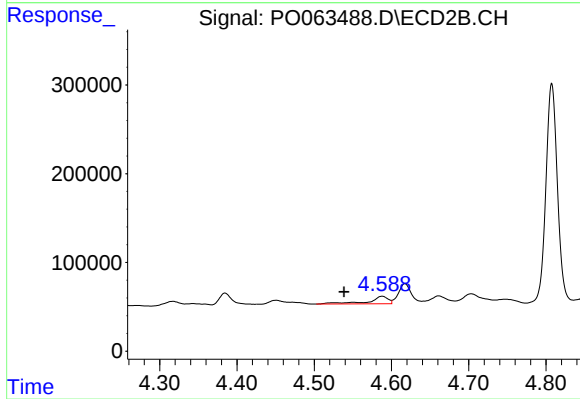
#16 AR-1242-1

R.T.: 4.588 min
Delta R.T.: 0.066 min
Response: 149189
Conc: 107.96 ng/ml



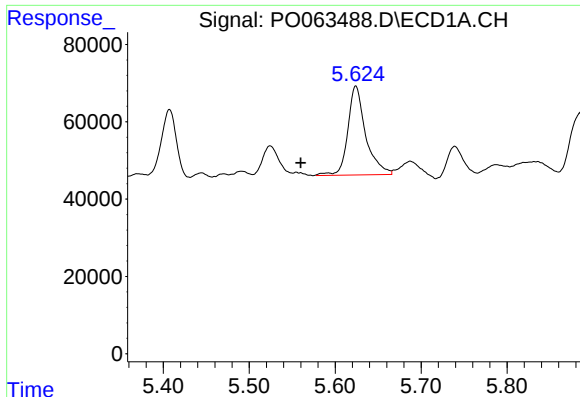
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.



#17 AR-1242-2

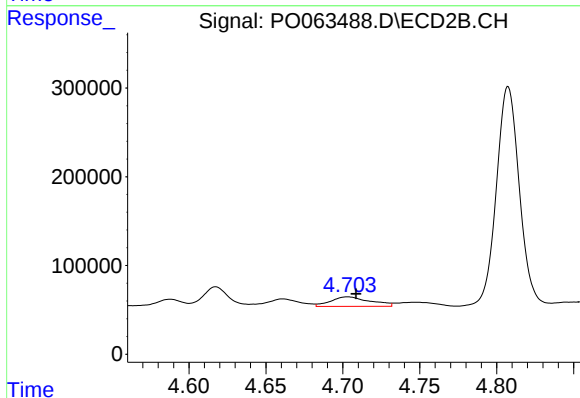
R.T.: 4.588 min
Delta R.T.: 0.049 min
Response: 149189
Conc: 72.72 ng/ml



#18 AR-1242-3

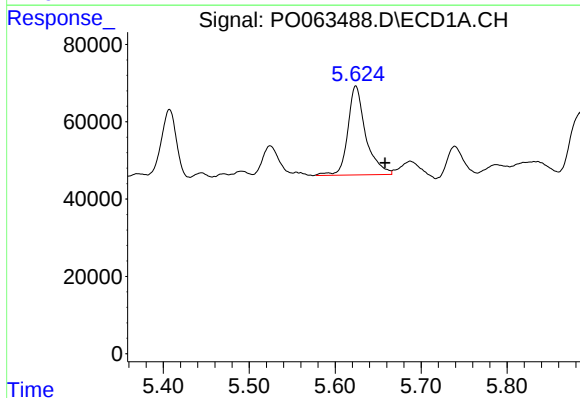
R.T.: 5.624 min
Delta R.T.: 0.064 min
Response: 332668
Conc: 239.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



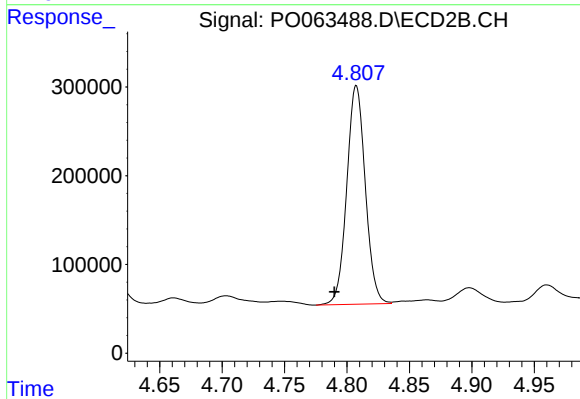
#18 AR-1242-3

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 191550
Conc: 182.78 ng/ml



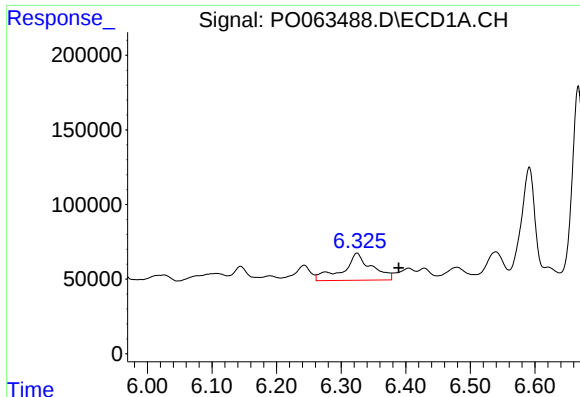
#19 AR-1242-4

R.T.: 5.624 min
Delta R.T.: -0.034 min
Response: 332668
Conc: 284.73 ng/ml



#19 AR-1242-4

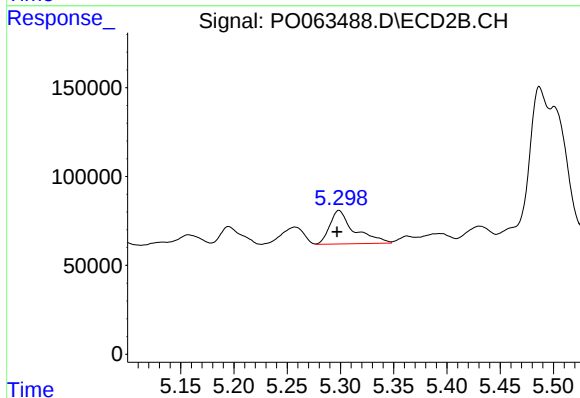
R.T.: 4.808 min
Delta R.T.: 0.017 min
Response: 2546618
Conc: 2565.55 ng/ml



#20 AR-1242-5

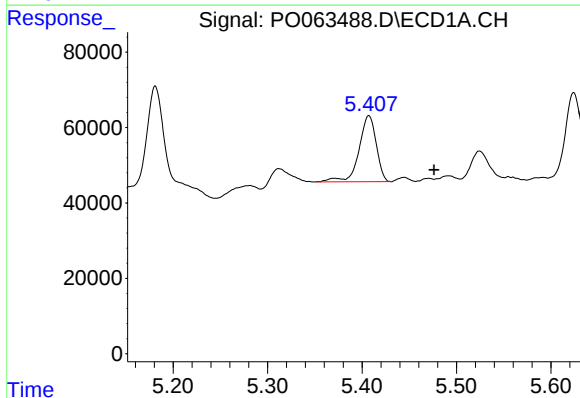
R.T.: 6.325 min
Delta R.T.: -0.064 min
Response: 556448
Conc: 386.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



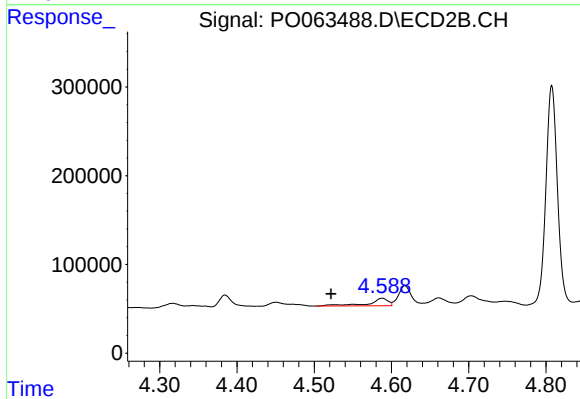
#20 AR-1242-5

R.T.: 5.299 min
Delta R.T.: 0.002 min
Response: 301621
Conc: 215.90 ng/ml



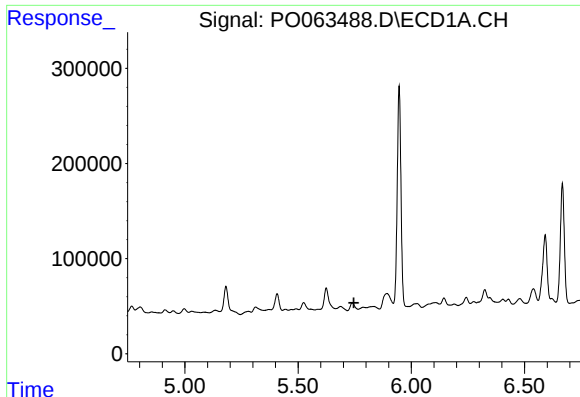
#21 AR-1248-1

R.T.: 5.407 min
Delta R.T.: -0.069 min
Response: 222566
Conc: 180.52 ng/ml



#21 AR-1248-1

R.T.: 4.588 min
Delta R.T.: 0.066 min
Response: 149189
Conc: 136.49 ng/ml



#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9

#22 AR-1248-2

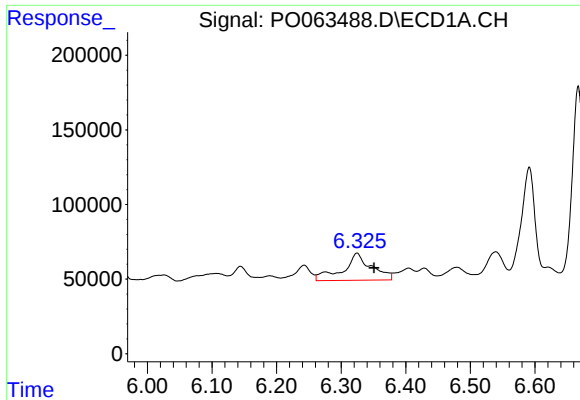
R.T.: 4.703 min
Delta R.T.: -0.047 min
Response: 191550
Conc: 136.98 ng/ml

#23 AR-1248-3

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 2735873
Conc: 1411.28 ng/ml

#23 AR-1248-3

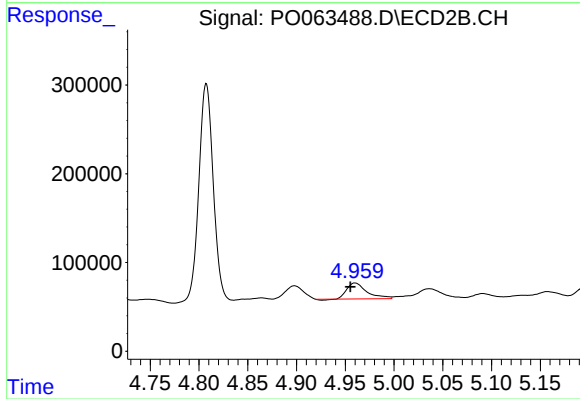
R.T.: 4.808 min
Delta R.T.: 0.018 min
Response: 2546618
Conc: 1760.91 ng/ml



#24 AR-1248-4

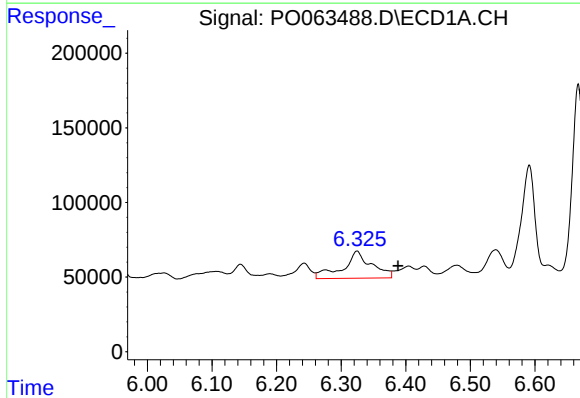
R.T.: 6.325 min
Delta R.T.: -0.026 min
Response: 556448
Conc: 223.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



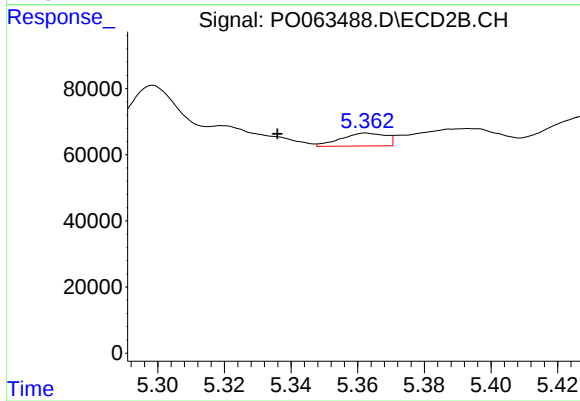
#24 AR-1248-4

R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 254871
Conc: 141.54 ng/ml



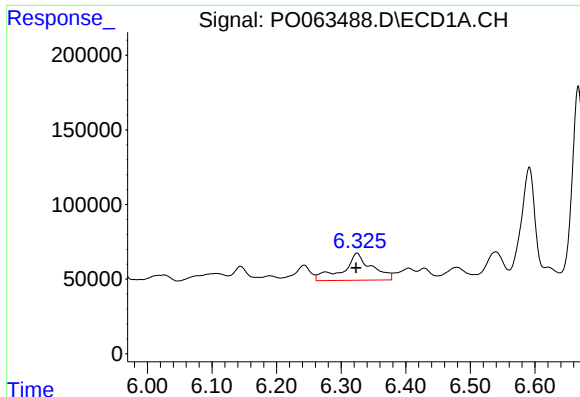
#25 AR-1248-5

R.T.: 6.325 min
Delta R.T.: -0.064 min
Response: 556448
Conc: 238.35 ng/ml



#25 AR-1248-5

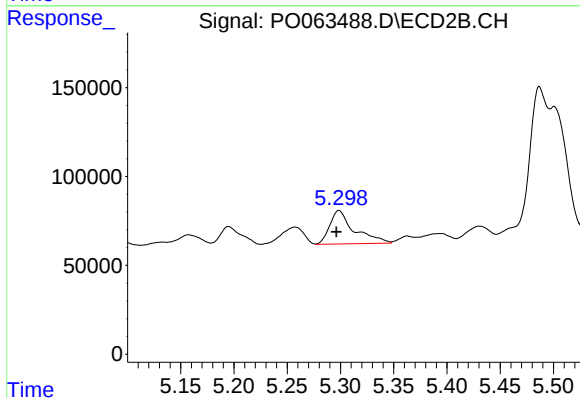
R.T.: 5.363 min
Delta R.T.: 0.027 min
Response: 36297
Conc: 19.64 ng/ml



#26 AR-1254-1

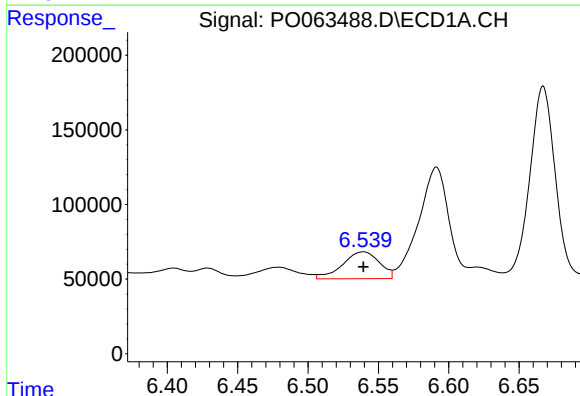
R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 556448
Conc: 218.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



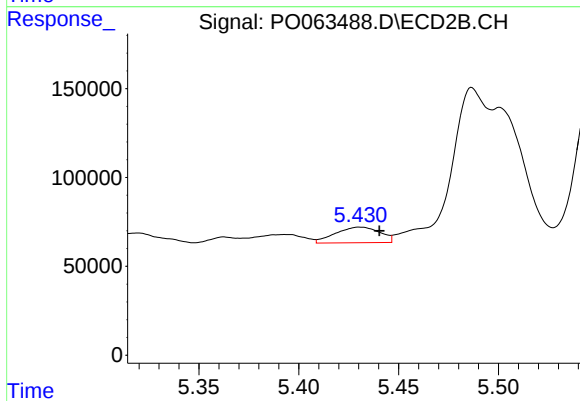
#26 AR-1254-1

R.T.: 5.299 min
Delta R.T.: 0.003 min
Response: 301621
Conc: 100.13 ng/ml



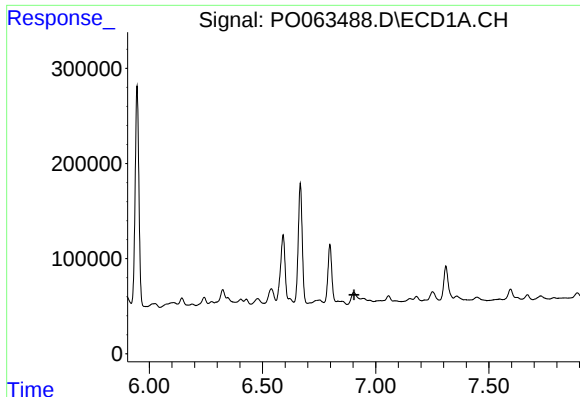
#27 AR-1254-2

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 329302
Conc: 81.41 ng/ml



#27 AR-1254-2

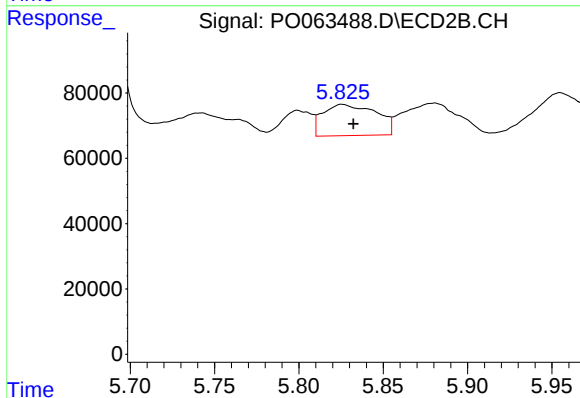
R.T.: 5.431 min
Delta R.T.: -0.009 min
Response: 136728
Conc: 50.70 ng/ml



#28 AR-1254-3

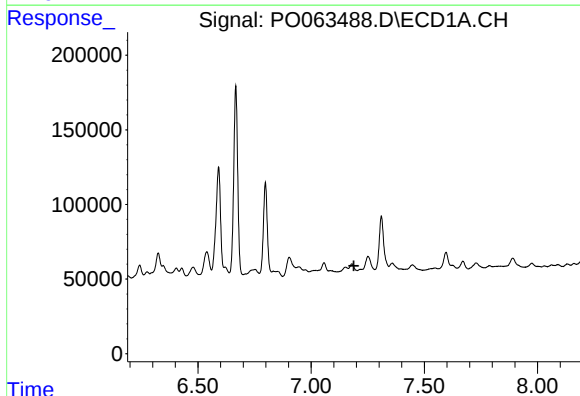
R.T.: 0.000 min
Exp R.T.: 6.904 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



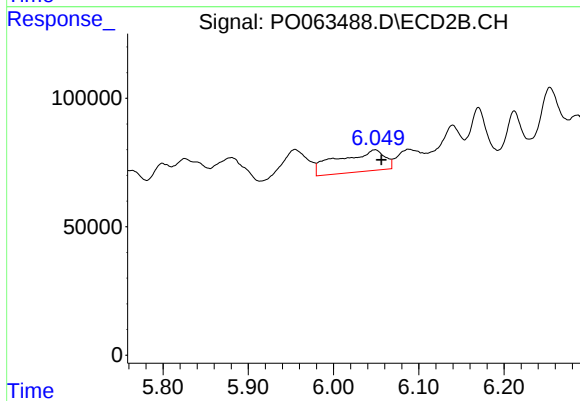
#28 AR-1254-3

R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 210316
Conc: 48.99 ng/ml



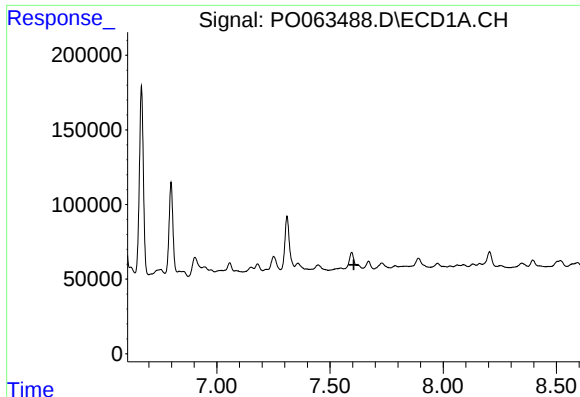
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.189 min
Response: 0
Conc: N.D.



#29 AR-1254-4

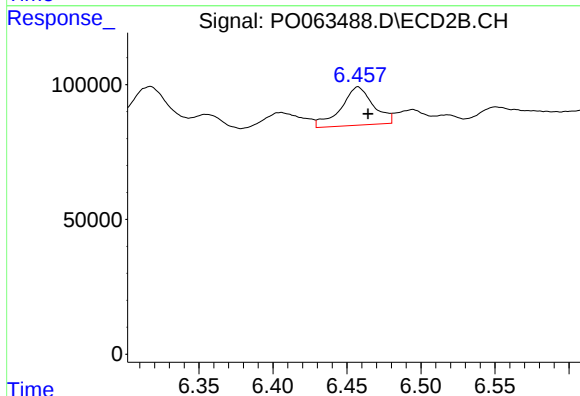
R.T.: 6.049 min
Delta R.T.: -0.007 min
Response: 312894
Conc: 109.80 ng/ml



#30 AR-1254-5

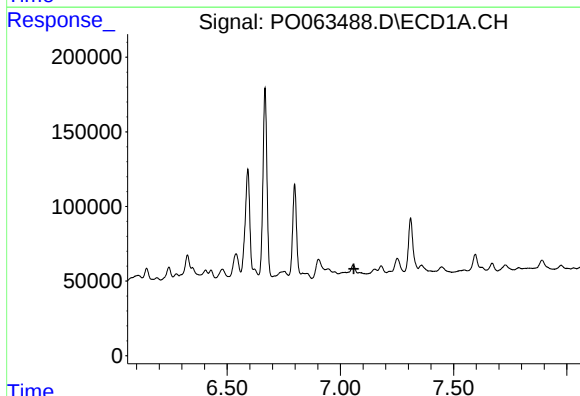
R.T.: 0.000 min
Exp R.T.: 7.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



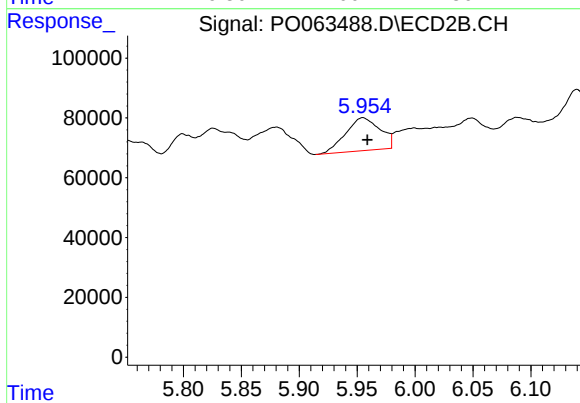
#30 AR-1254-5

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 216711
Conc: 58.14 ng/ml



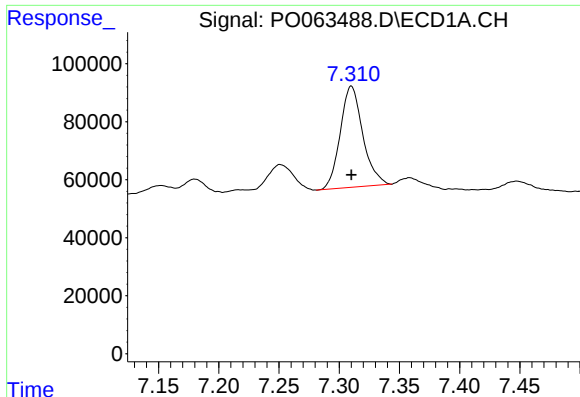
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.



#31 AR-1260-1

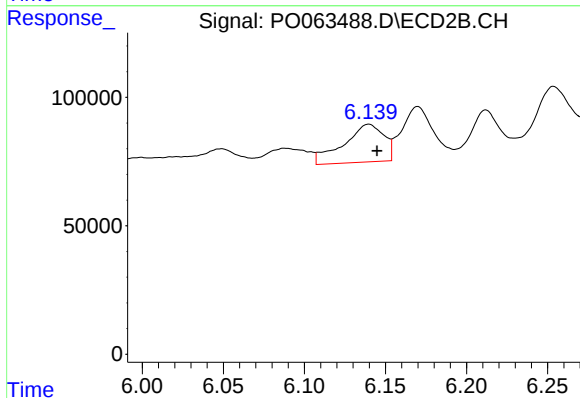
R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 227949
Conc: 82.54 ng/ml



#32 AR-1260-2

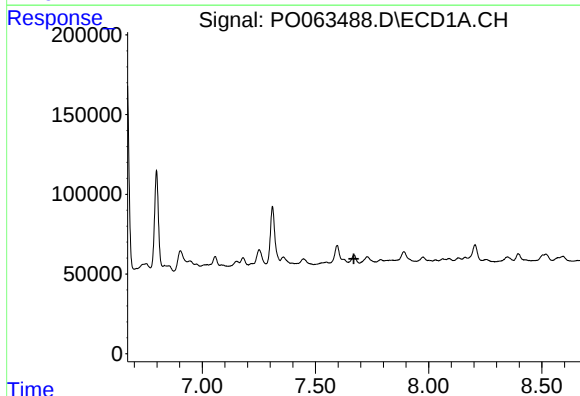
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 454642
Conc: 112.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-9



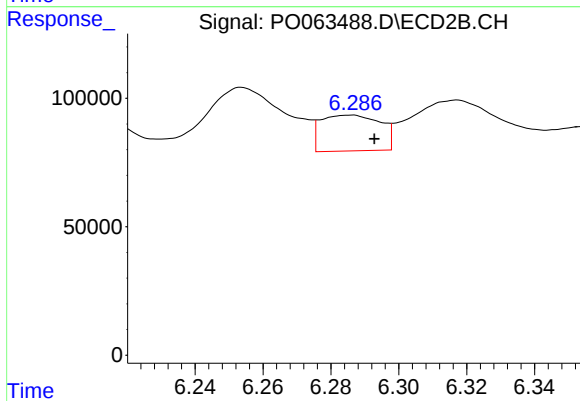
#32 AR-1260-2

R.T.: 6.140 min
Delta R.T.: -0.005 min
Response: 254360
Conc: 66.29 ng/ml



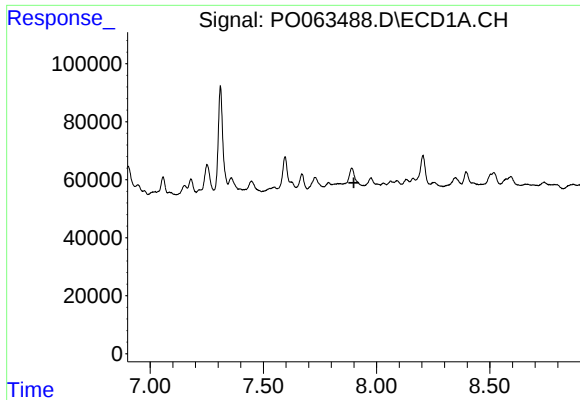
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.670 min
Response: 0
Conc: N.D.



#33 AR-1260-3

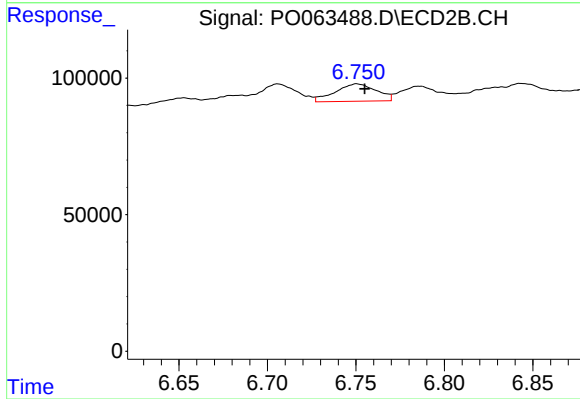
R.T.: 6.286 min
Delta R.T.: -0.007 min
Response: 169319
Conc: 53.96 ng/ml



#34 AR-1260-4

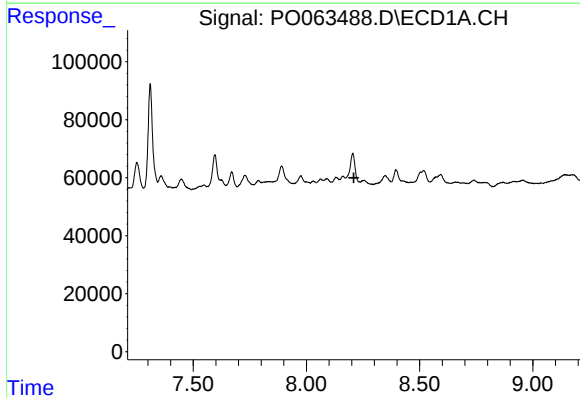
R.T.: 0.000 min
Exp R.T.: 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



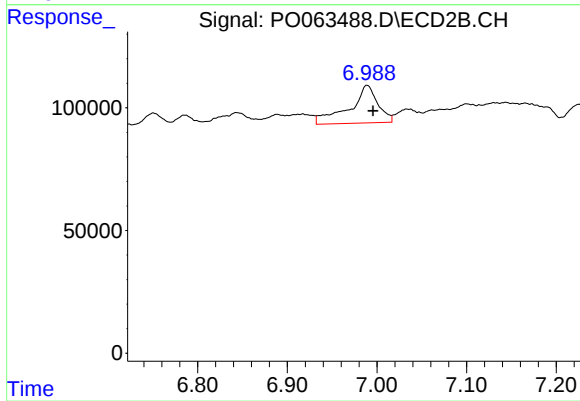
#34 AR-1260-4

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 103479
Conc: 40.87 ng/ml



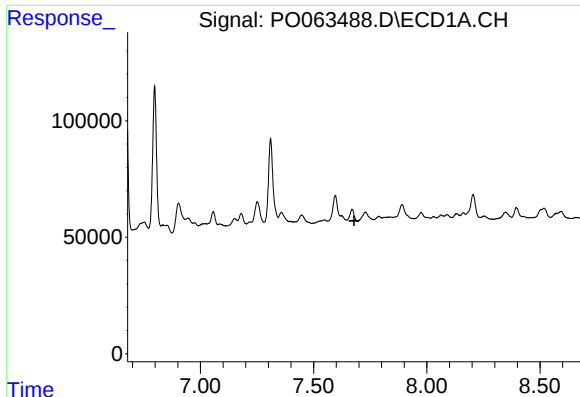
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.



#35 AR-1260-5

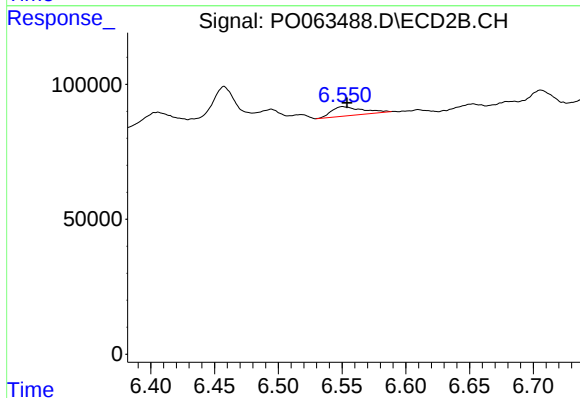
R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 338383
Conc: 55.51 ng/ml



#36 AR-1262-1

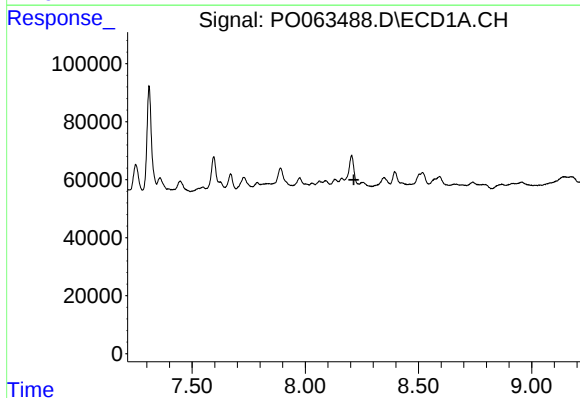
R.T.: 0.000 min
Exp R.T.: 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



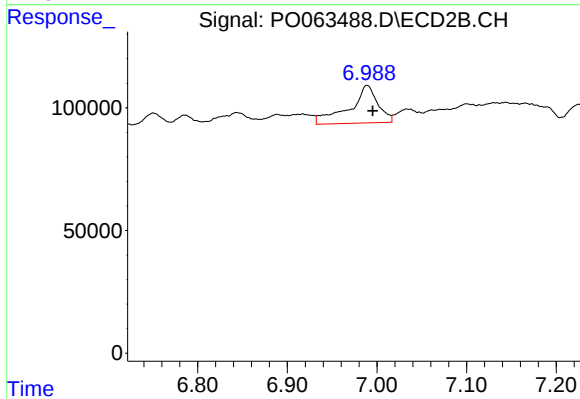
#36 AR-1262-1

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 57317
Conc: 31.50 ng/ml



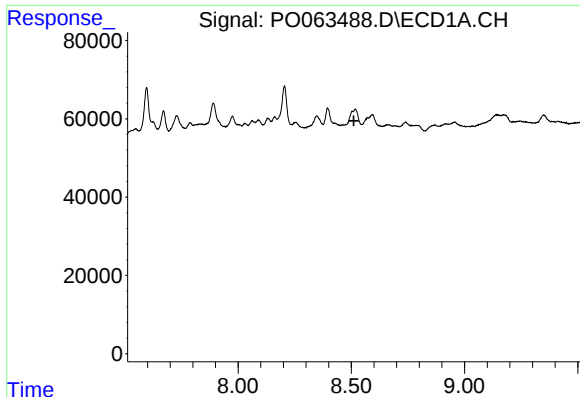
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#37 AR-1262-2

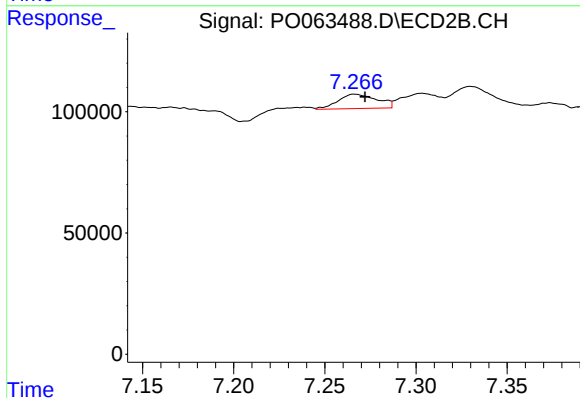
R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 338383
Conc: 47.48 ng/ml



#38 AR-1262-3

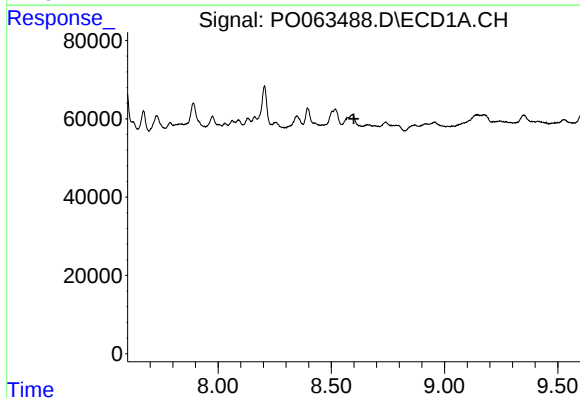
R.T.: 0.000 min
Exp R.T.: 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



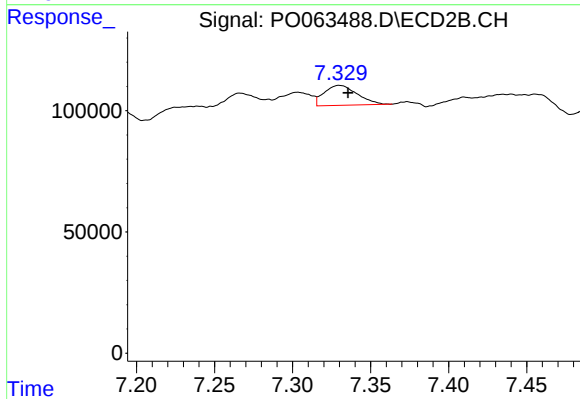
#38 AR-1262-3

R.T.: 7.266 min
Delta R.T.: -0.005 min
Response: 87534
Conc: 32.66 ng/ml



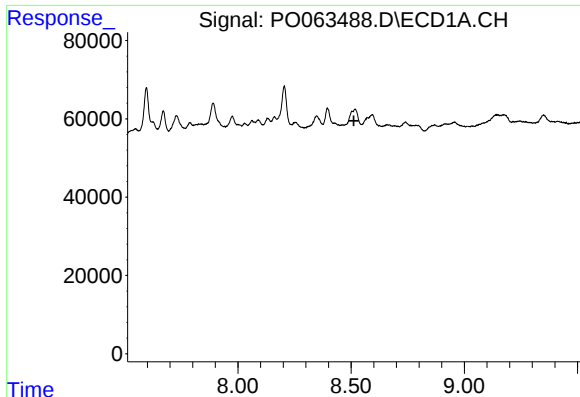
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.600 min
Response: 0
Conc: N.D.



#39 AR-1262-4

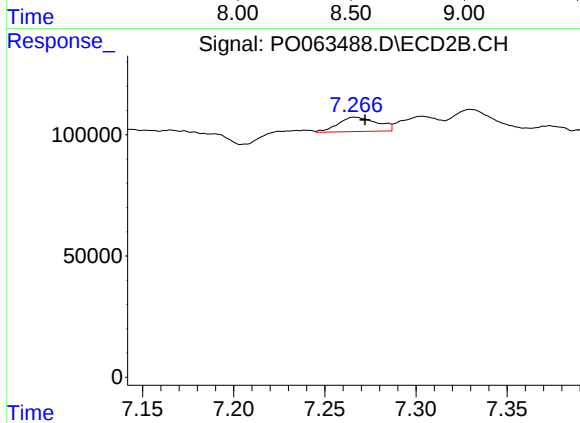
R.T.: 7.330 min
Delta R.T.: -0.005 min
Response: 121075
Conc: 26.40 ng/ml



#41 AR-1268-1

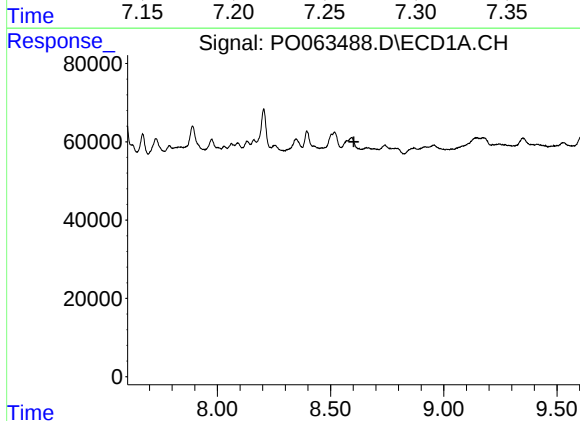
R.T.: 0.000 min
Exp R.T. : 8.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



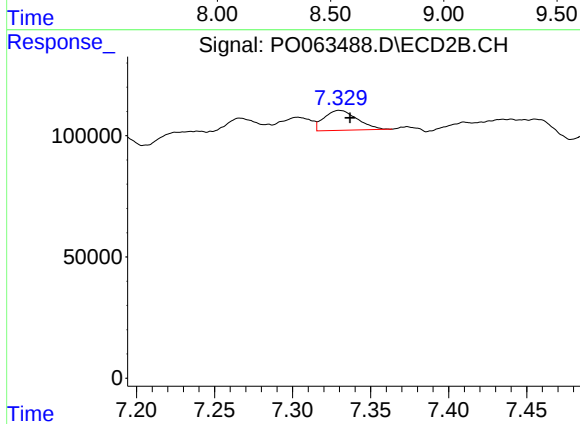
#41 AR-1268-1

R.T.: 7.266 min
Delta R.T.: -0.006 min
Response: 87534
Conc: 10.98 ng/ml



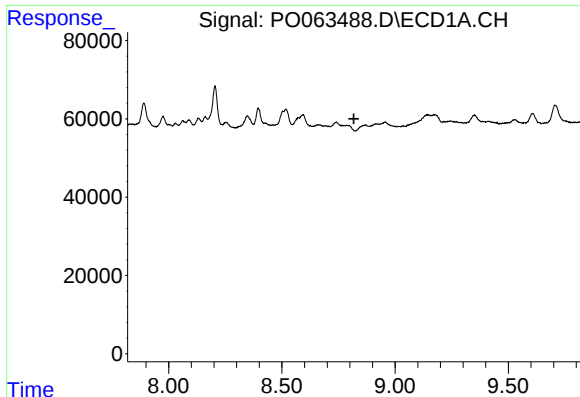
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.603 min
Response: 0
Conc: N.D.



#42 AR-1268-2

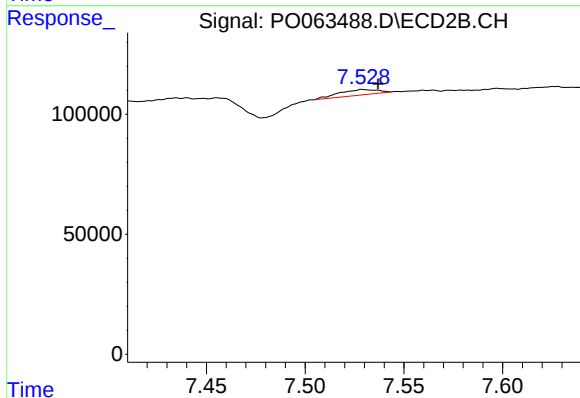
R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 121075
Conc: 18.39 ng/ml



#43 AR-1268-3

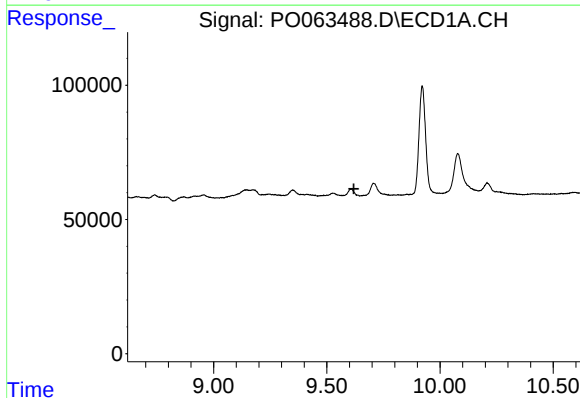
R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-9



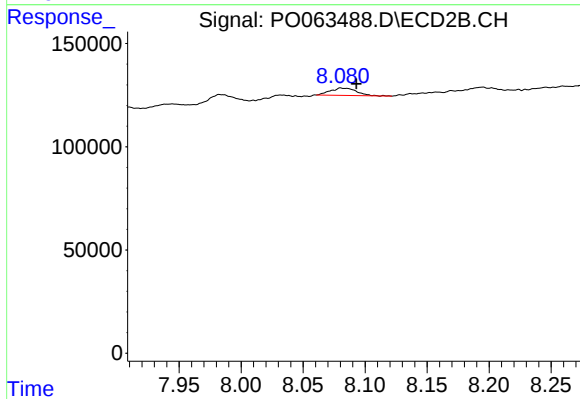
#43 AR-1268-3

R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 31139
Conc: 5.57 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.620 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.081 min
Delta R.T.: -0.012 min
Response: 51636
Conc: 3.45 ng/ml