

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062019\
 Data File : P0057326.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jun 2019 20:26
 Operator : SM/SJ
 Sample : K3458-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 POST-CARTRIDGE-FILTER

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:06:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.232	3.558	638529	488138	16.679	14.802
2)	SA Decachlor...	9.793	8.482	560492	334544	11.419	9.382
Target Compounds							
3)	L1 AR-1016-1	5.415	4.642	1776891	767947	987.919	610.215 #
4)	L1 AR-1016-2	5.415	4.672	1776891	122143	707.622	67.796 #
5)	L1 AR-1016-3	0.000	4.817	0	383719	N.D.	389.189 #
6)	L1 AR-1016-4	5.576	4.856	707460	983268	539.306	1187.749 #
7)	L1 AR-1016-5	5.905	5.106	568626	115369	411.568	107.548 #
8)	L2 AR-1221-1	0.000	3.720	0	112368	N.D.	221.566 #
10)	L2 AR-1221-3	0.000	3.973	0	35884	N.D.	29.977 #
11)	L3 AR-1232-1	0.000	3.973	0	35884	N.D.	39.944 #
12)	L3 AR-1232-2	0.000	4.672	0	122143	N.D.	125.678 #
13)	L3 AR-1232-3	5.415	4.817	1776891	383719	1252.523	733.279 #
14)	L3 AR-1232-4	5.576	4.928	707460	420272	1005.019	853.020
15)	L3 AR-1232-5	5.707	5.106	1119391	115369	1979.861	204.825 #
16)	L4 AR-1242-1	5.415	4.642	1776891	767947	1029.967	620.021 #
17)	L4 AR-1242-2	5.415	4.672	1776891	122143	699.902	67.917 #
18)	L4 AR-1242-3	0.000	4.817	0	383719	N.D.	390.313 #
19)	L4 AR-1242-4	5.576	4.928	707460	420272	529.249	431.891
20)	L4 AR-1242-5	6.303	5.455	2771098	2277443	1679.385	1926.328
21)	L5 AR-1248-1	5.415	4.642	1776891	767947	1379.023	820.002 #
22)	L5 AR-1248-2	5.707	4.856	1119391	983268	600.888	773.955 #
23)	L5 AR-1248-3	5.905	4.928	568626	420272	277.196	321.825
24)	L5 AR-1248-4	6.303	5.106	2771098	115369	1197.699	72.851 #
25)	L5 AR-1248-5	6.303	5.455	2771098	2277443	1259.943	1376.039
26)	L6 AR-1254-1	6.266	5.415	1154832	2284687	419.522	863.865 #
27)	L6 AR-1254-2	6.500	5.560	2703773	443673	696.114	205.804 #
28)	L6 AR-1254-3	6.820	5.960	2024737	1628857	491.037	444.913
29)	L6 AR-1254-4	7.104	6.187	1773045	1500894	589.084	683.177
30)	L6 AR-1254-5	7.520	6.633	1017574	274642	270.226	86.631 #
31)	L7 AR-1260-1	6.981	6.102	447444	419703	174.362	209.811
32)	L7 AR-1260-2	7.236	6.275	624857	467969	206.622	189.849
33)	L7 AR-1260-3	0.000	6.426	0	414208	N.D.	184.648 #
34)	L7 AR-1260-4	7.811	6.932	268065	228342	102.346	122.697
35)	L7 AR-1260-5	8.125	7.135	530229	437552	110.878	101.465
36)	L8 AR-1262-1	0.000	6.669	0	56094	N.D.	13.439 #
37)	L8 AR-1262-2	8.125	7.135	530229	437552	69.549	63.684
38)	L8 AR-1262-3	0.000	7.413	0	334136	N.D.	113.135 #
39)	L8 AR-1262-4	0.000	7.478	0	474418	N.D.	91.049 #
40)	L8 AR-1262-5	0.000	7.970	0	126521	N.D.	54.485 #
41)	L9 AR-1268-1	0.000	7.413	0	334136	N.D.	44.760 #
42)	L9 AR-1268-2	0.000	7.478	0	474418	N.D.	67.938 #
43)	L9 AR-1268-3	0.000	7.710	0	22171	N.D.	3.736 #

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 Operator : SM/SJ
 Sample : K3458-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

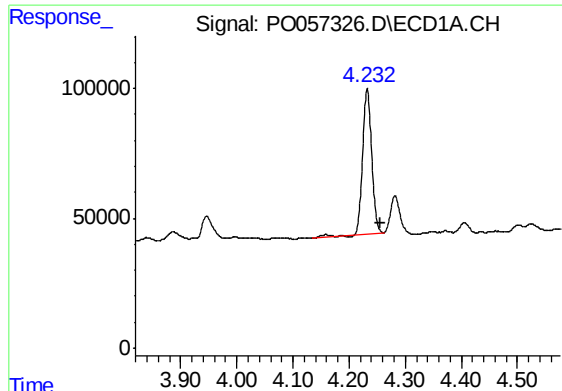
Instrument :
 ECD_O
 ClientSampleId :
 POST-CARTRIDGE-FILTER

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:06:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.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
44) L9	AR-1268-4	0.000	7.970	0	126521	N.D.	54.202 #
45) L9	AR-1268-5	0.000	8.246	0	49715	N.D.	2.872 #

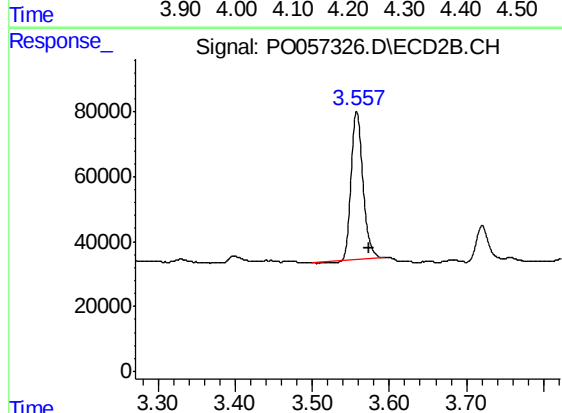
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

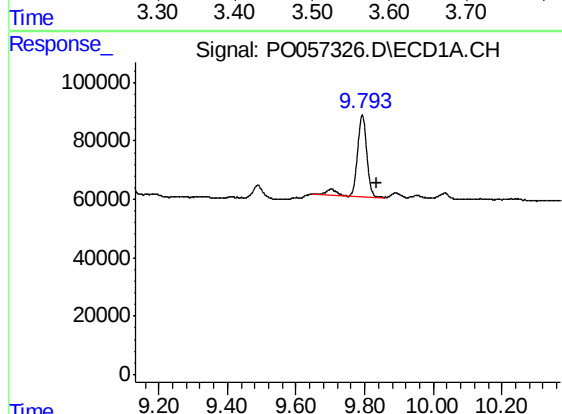
R.T.: 4.232 min
Delta R.T.: -0.024 min
Response: 638529
Conc: 16.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



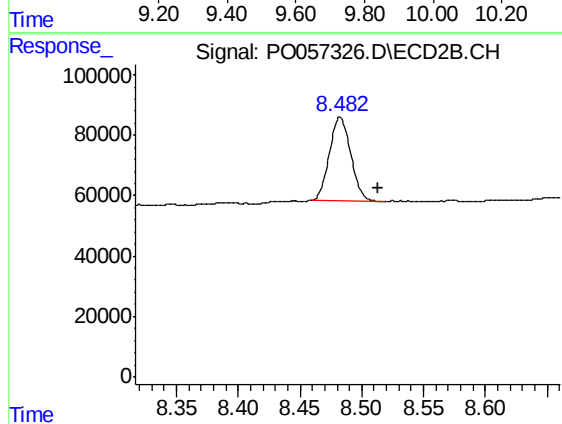
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: -0.015 min
Response: 488138
Conc: 14.80 ng/ml



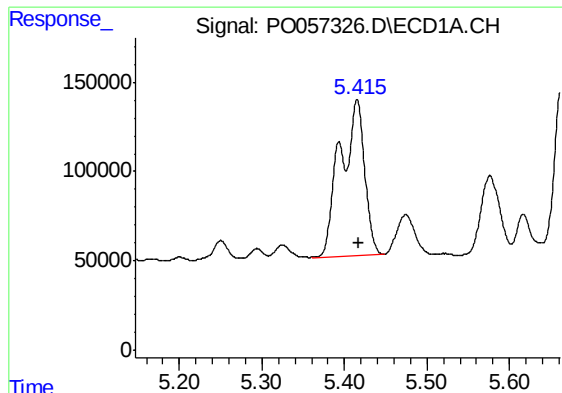
#2 Decachlorobiphenyl

R.T.: 9.793 min
Delta R.T.: -0.043 min
Response: 560492
Conc: 11.42 ng/ml



#2 Decachlorobiphenyl

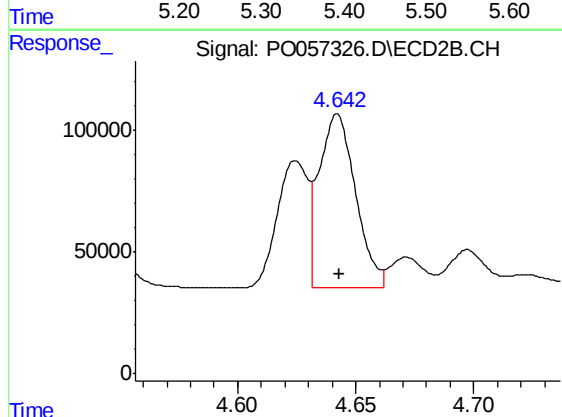
R.T.: 8.482 min
Delta R.T.: -0.031 min
Response: 334544
Conc: 9.38 ng/ml



#3 AR-1016-1

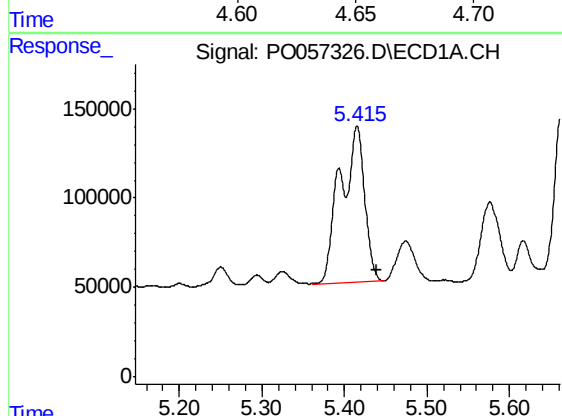
R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 1776891
Conc: 987.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



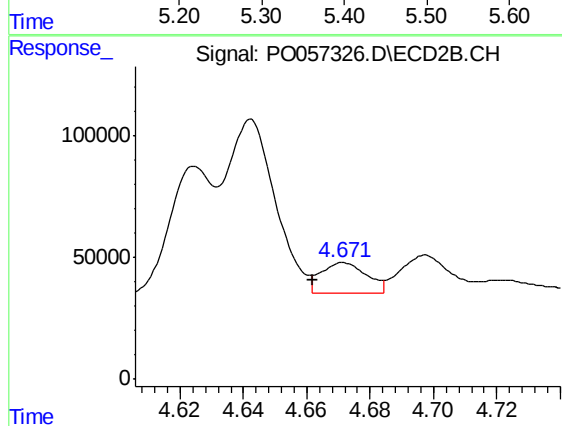
#3 AR-1016-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 767947
Conc: 610.21 ng/ml



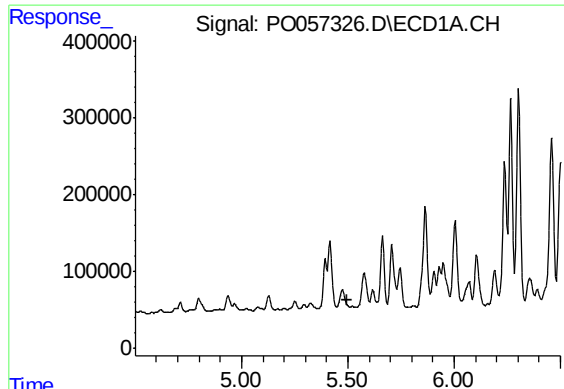
#4 AR-1016-2

R.T.: 5.415 min
Delta R.T.: -0.024 min
Response: 1776891
Conc: 707.62 ng/ml



#4 AR-1016-2

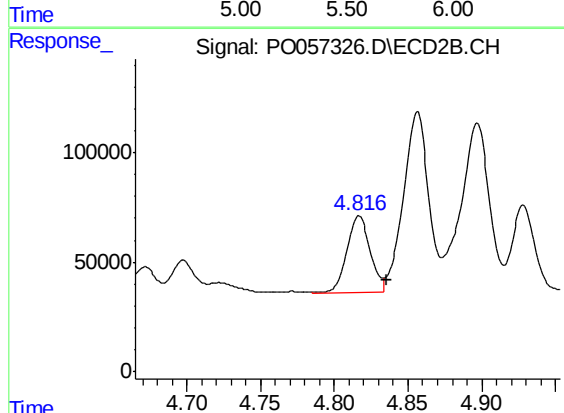
R.T.: 4.672 min
Delta R.T.: 0.010 min
Response: 122143
Conc: 67.80 ng/ml



#5 AR-1016-3

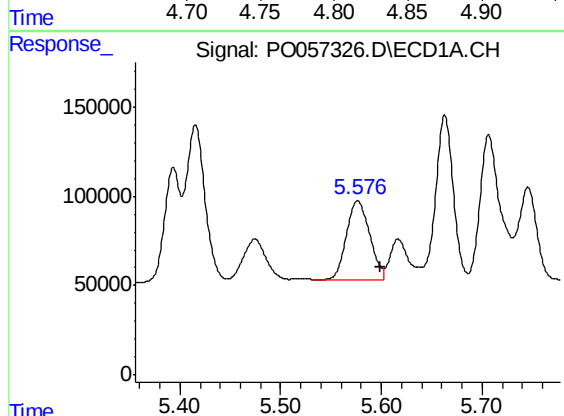
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



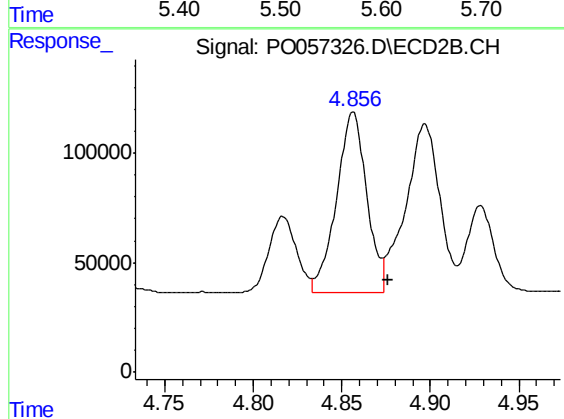
#5 AR-1016-3

R.T.: 4.817 min
Delta R.T.: -0.019 min
Response: 383719
Conc: 389.19 ng/ml



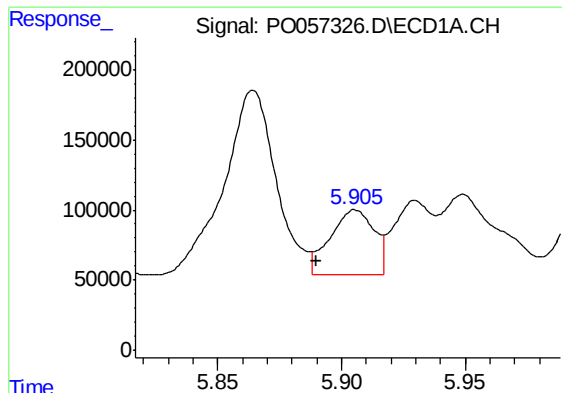
#6 AR-1016-4

R.T.: 5.576 min
Delta R.T.: -0.022 min
Response: 707460
Conc: 539.31 ng/ml



#6 AR-1016-4

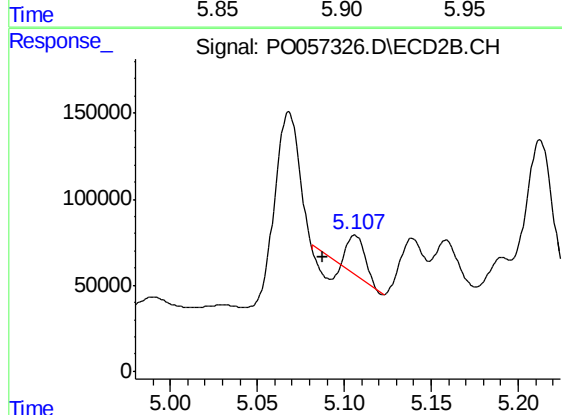
R.T.: 4.856 min
Delta R.T.: -0.020 min
Response: 983268
Conc: 1187.75 ng/ml



#7 AR-1016-5

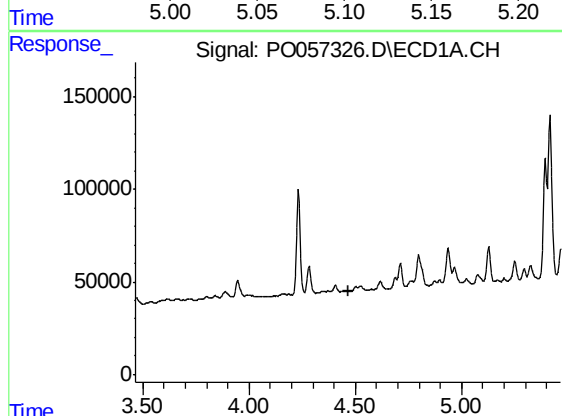
R.T.: 5.905 min
Delta R.T.: 0.016 min
Response: 568626
Conc: 411.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



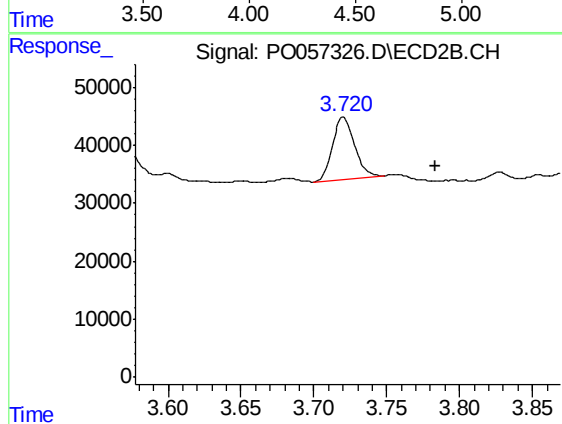
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: 0.018 min
Response: 115369
Conc: 107.55 ng/ml



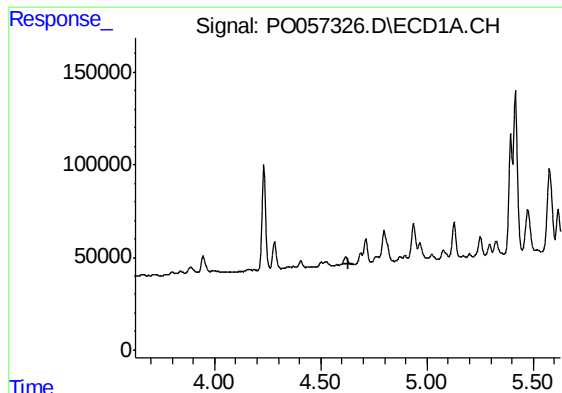
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

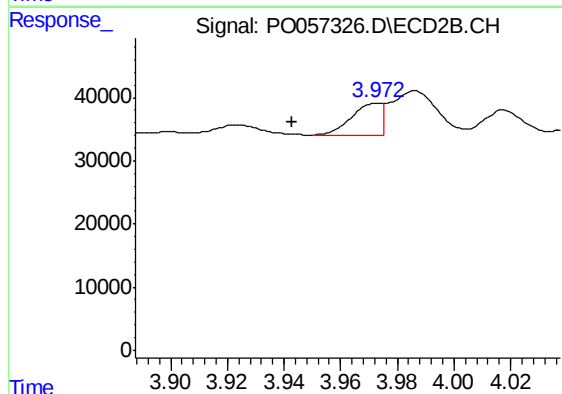
R.T.: 3.720 min
Delta R.T.: -0.063 min
Response: 112368
Conc: 221.57 ng/ml



#10 AR-1221-3

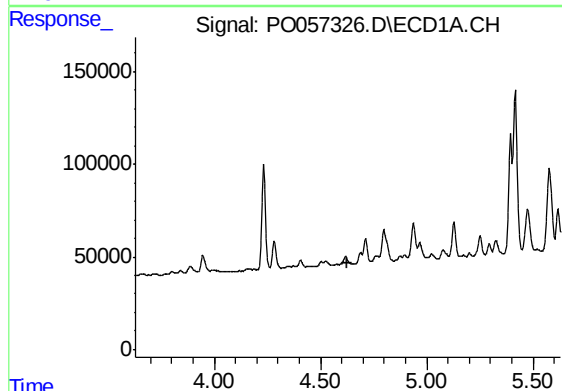
R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



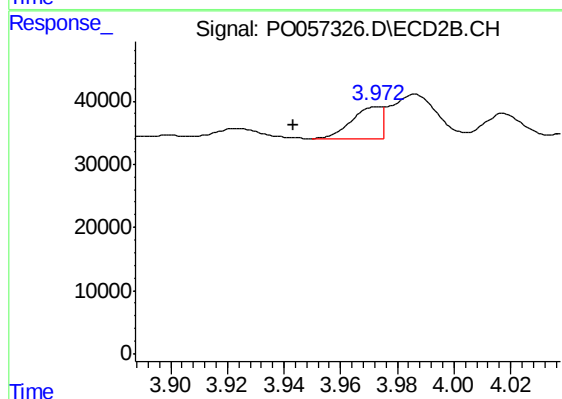
#10 AR-1221-3

R.T.: 3.973 min
Delta R.T.: 0.030 min
Response: 35884
Conc: 29.98 ng/ml



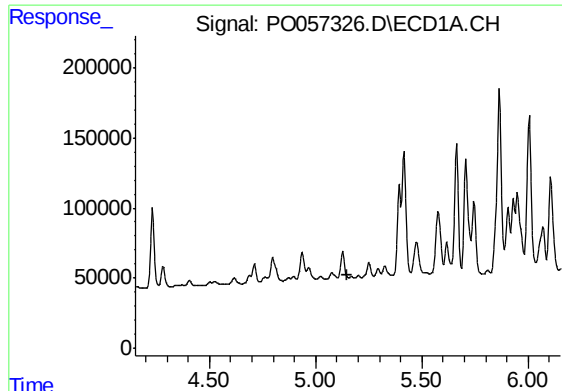
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.629 min
Response: 0
Conc: N.D.



#11 AR-1232-1

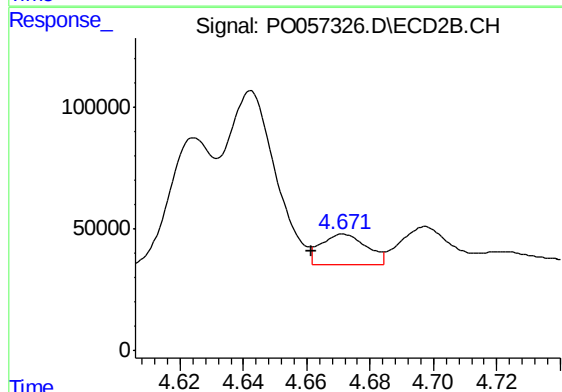
R.T.: 3.973 min
Delta R.T.: 0.030 min
Response: 35884
Conc: 39.94 ng/ml



#12 AR-1232-2

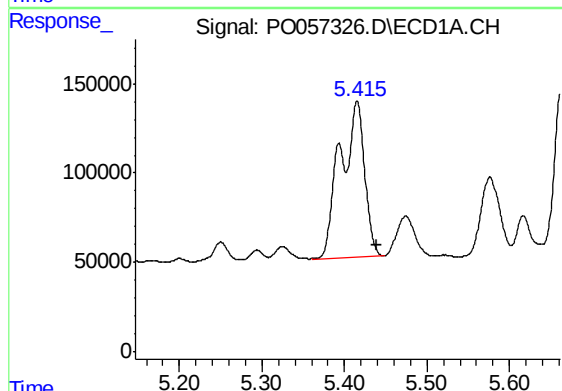
R.T.: 0.000 min
Exp R.T.: 5.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



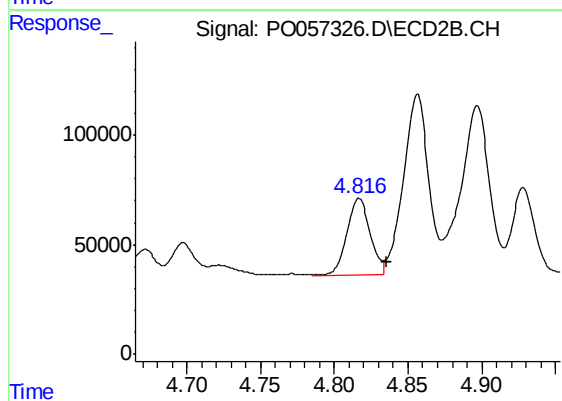
#12 AR-1232-2

R.T.: 4.672 min
Delta R.T.: 0.010 min
Response: 122143
Conc: 125.68 ng/ml



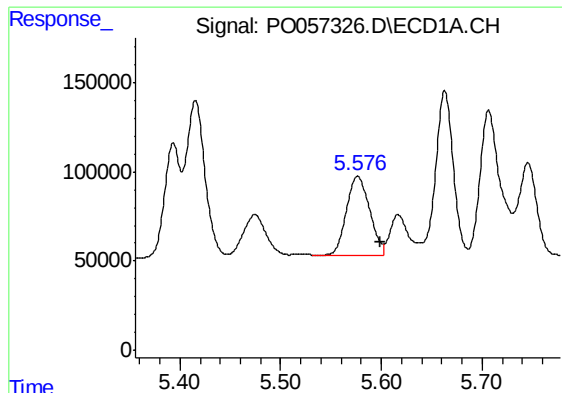
#13 AR-1232-3

R.T.: 5.415 min
Delta R.T.: -0.024 min
Response: 1776891
Conc: 1252.52 ng/ml



#13 AR-1232-3

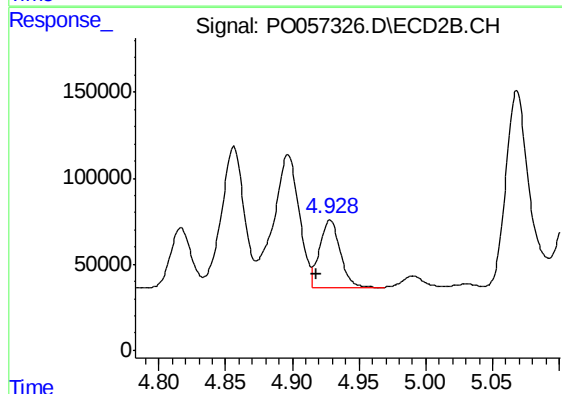
R.T.: 4.817 min
Delta R.T.: -0.019 min
Response: 383719
Conc: 733.28 ng/ml



#14 AR-1232-4

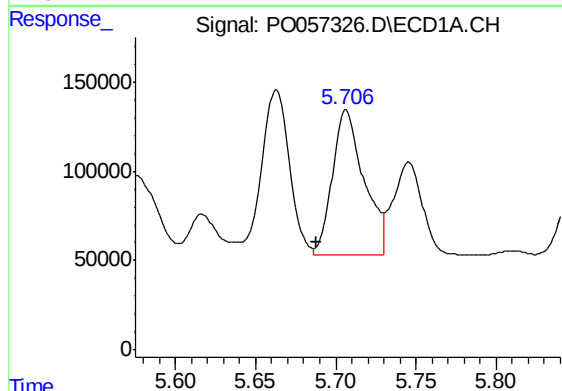
R.T.: 5.576 min
Delta R.T.: -0.023 min
Response: 707460
Conc: 1005.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



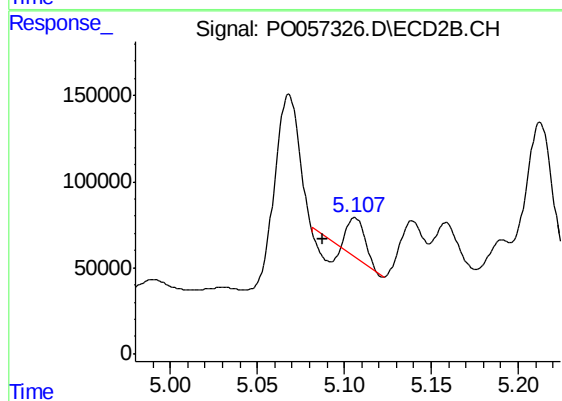
#14 AR-1232-4

R.T.: 4.928 min
Delta R.T.: 0.011 min
Response: 420272
Conc: 853.02 ng/ml



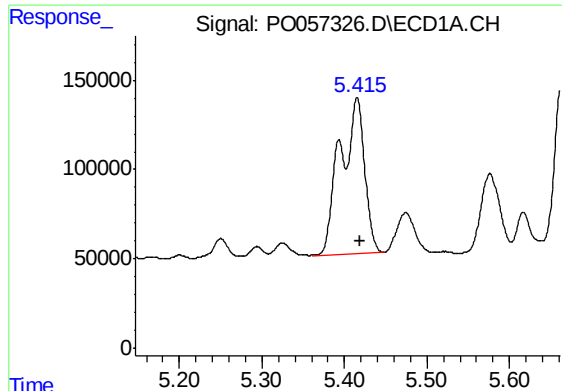
#15 AR-1232-5

R.T.: 5.707 min
Delta R.T.: 0.018 min
Response: 1119391
Conc: 1979.86 ng/ml



#15 AR-1232-5

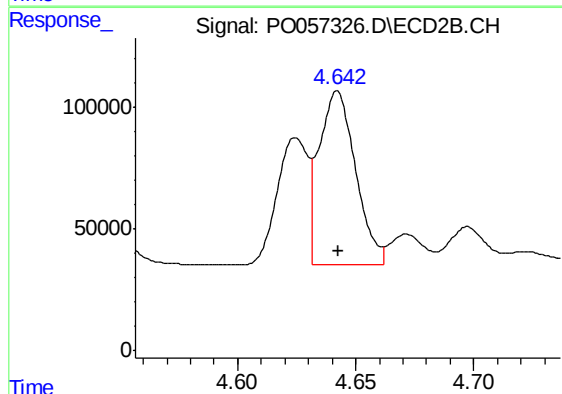
R.T.: 5.106 min
Delta R.T.: 0.018 min
Response: 115369
Conc: 204.82 ng/ml



#16 AR-1242-1

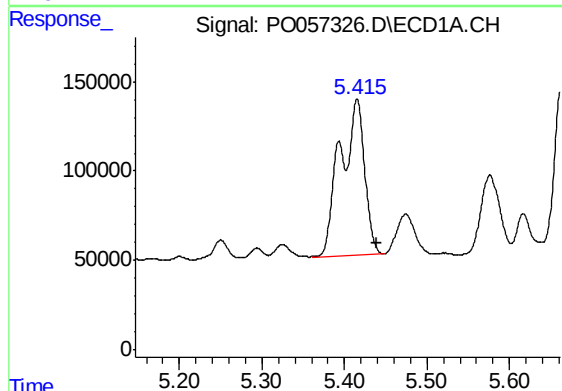
R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 1776891
Conc: 1029.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



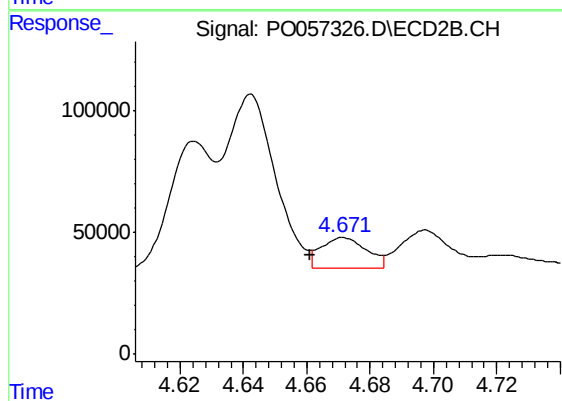
#16 AR-1242-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 767947
Conc: 620.02 ng/ml



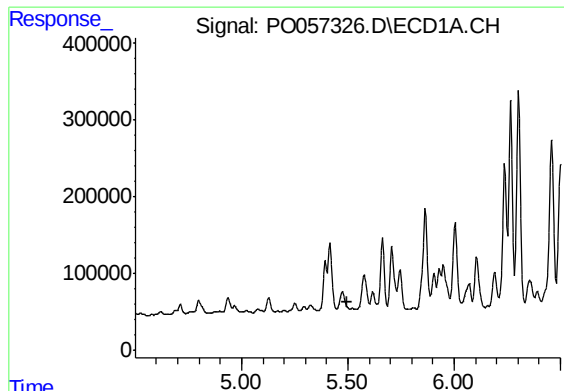
#17 AR-1242-2

R.T.: 5.415 min
Delta R.T.: -0.024 min
Response: 1776891
Conc: 699.90 ng/ml



#17 AR-1242-2

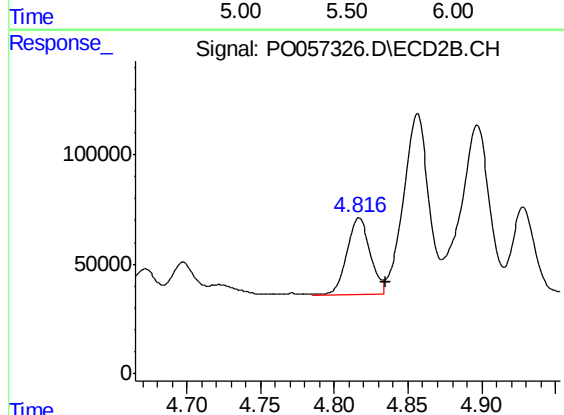
R.T.: 4.672 min
Delta R.T.: 0.011 min
Response: 122143
Conc: 67.92 ng/ml



#18 AR-1242-3

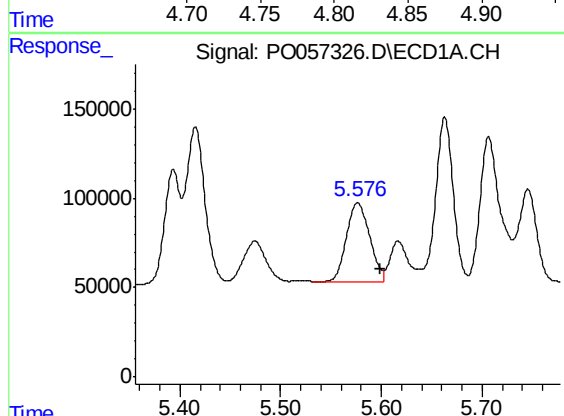
R.T.: 0.000 min
Exp R.T.: 5.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



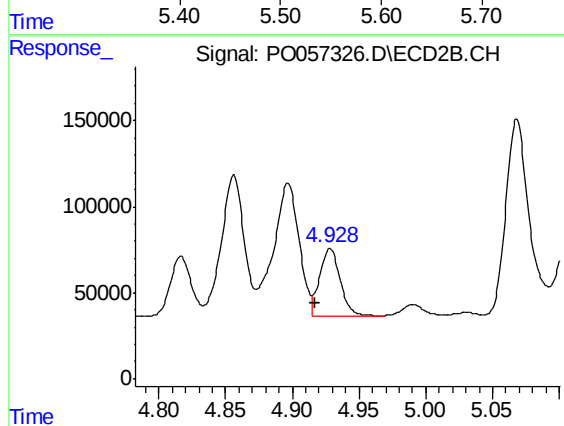
#18 AR-1242-3

R.T.: 4.817 min
Delta R.T.: -0.018 min
Response: 383719
Conc: 390.31 ng/ml



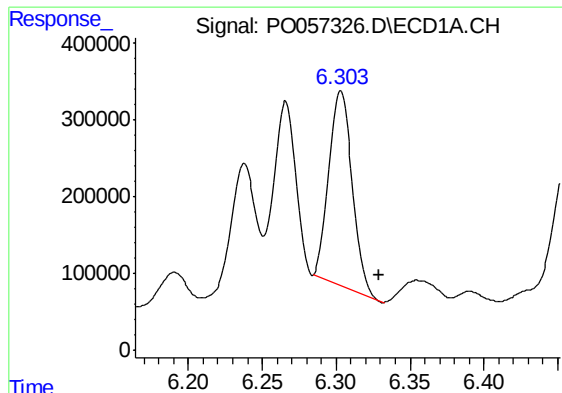
#19 AR-1242-4

R.T.: 5.576 min
Delta R.T.: -0.022 min
Response: 707460
Conc: 529.25 ng/ml



#19 AR-1242-4

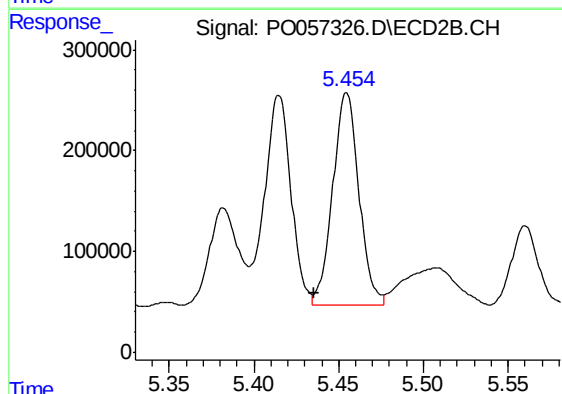
R.T.: 4.928 min
Delta R.T.: 0.011 min
Response: 420272
Conc: 431.89 ng/ml



#20 AR-1242-5

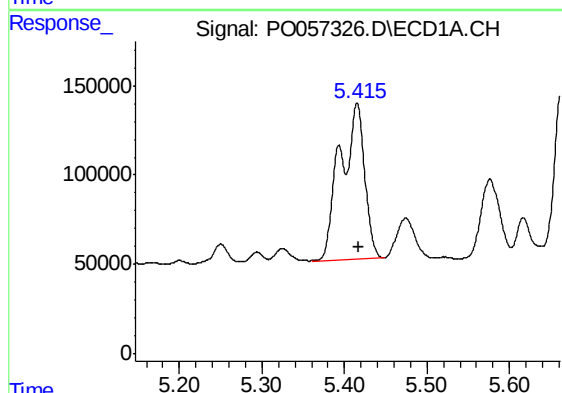
R.T.: 6.303 min
Delta R.T.: -0.026 min
Response: 2771098
Conc: 1679.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



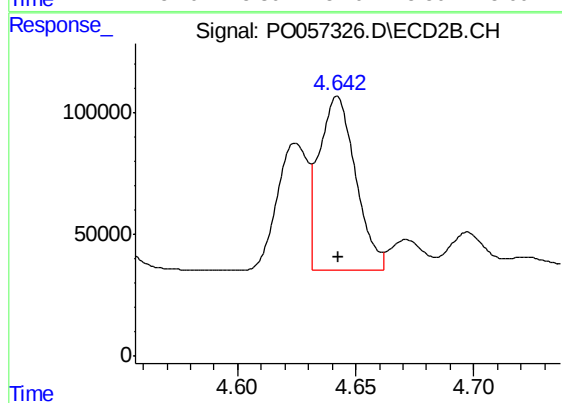
#20 AR-1242-5

R.T.: 5.455 min
Delta R.T.: 0.020 min
Response: 2277443
Conc: 1926.33 ng/ml



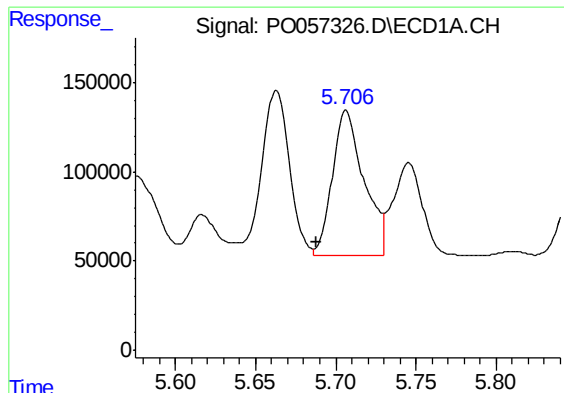
#21 AR-1248-1

R.T.: 5.415 min
Delta R.T.: -0.002 min
Response: 1776891
Conc: 1379.02 ng/ml



#21 AR-1248-1

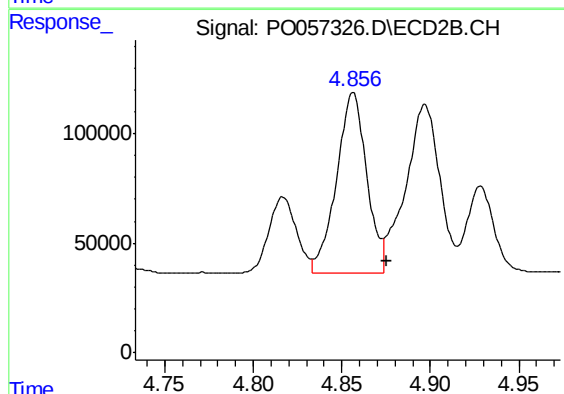
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 767947
Conc: 820.00 ng/ml



#22 AR-1248-2

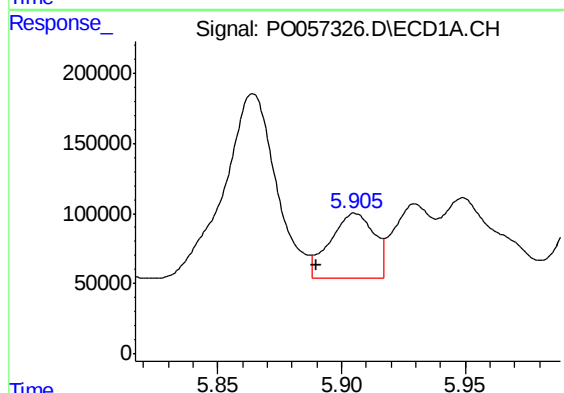
R.T.: 5.707 min
Delta R.T.: 0.019 min
Response: 1119391
Conc: 600.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



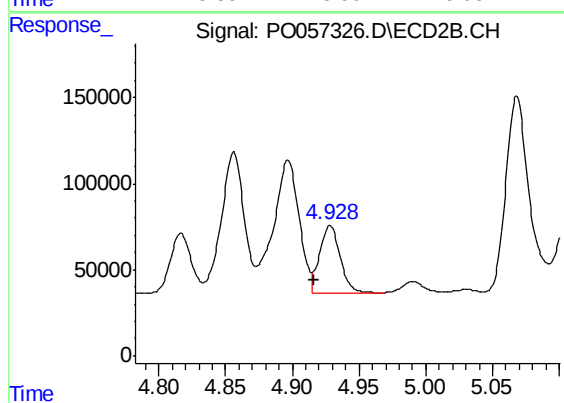
#22 AR-1248-2

R.T.: 4.856 min
Delta R.T.: -0.019 min
Response: 983268
Conc: 773.96 ng/ml



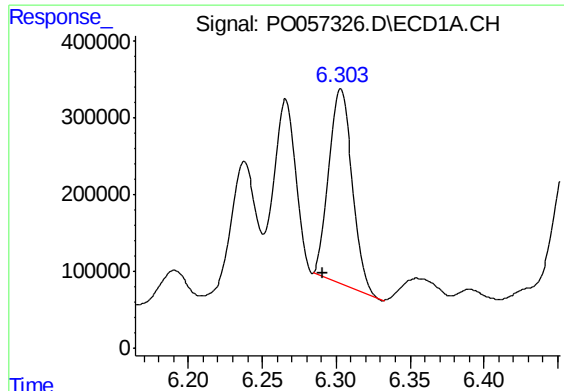
#23 AR-1248-3

R.T.: 5.905 min
Delta R.T.: 0.016 min
Response: 568626
Conc: 277.20 ng/ml



#23 AR-1248-3

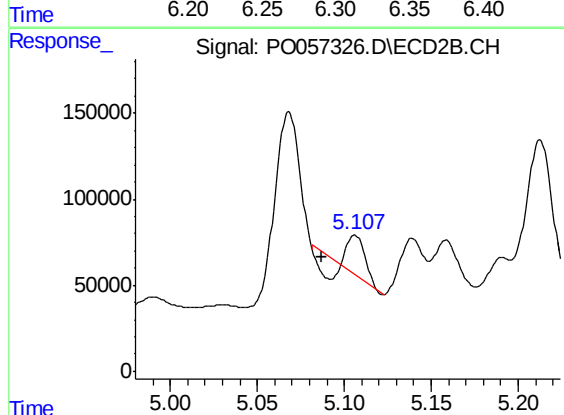
R.T.: 4.928 min
Delta R.T.: 0.012 min
Response: 420272
Conc: 321.83 ng/ml



#24 AR-1248-4

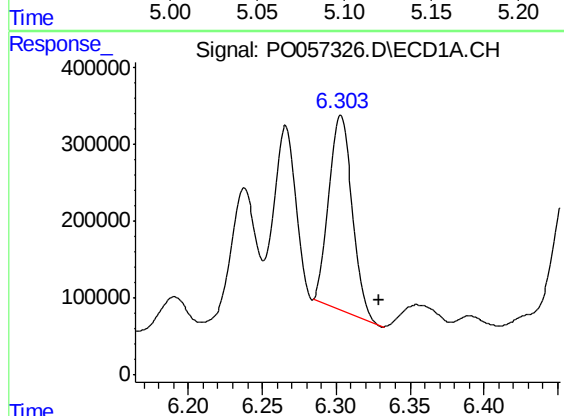
R.T.: 6.303 min
Delta R.T.: 0.012 min
Response: 2771098
Conc: 1197.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



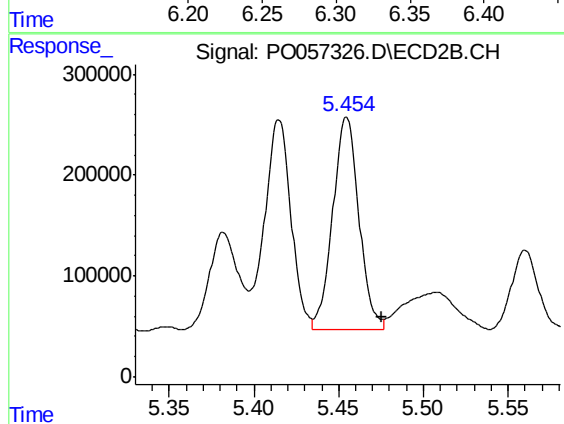
#24 AR-1248-4

R.T.: 5.106 min
Delta R.T.: 0.019 min
Response: 115369
Conc: 72.85 ng/ml



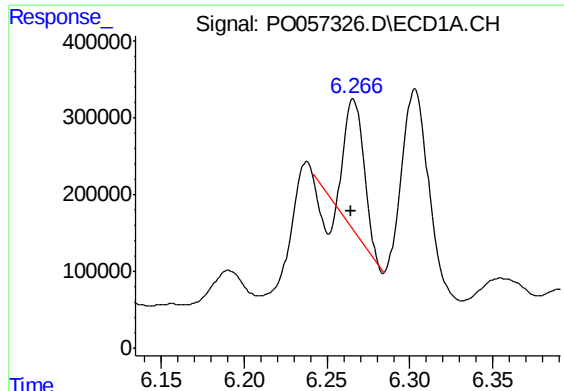
#25 AR-1248-5

R.T.: 6.303 min
Delta R.T.: -0.026 min
Response: 2771098
Conc: 1259.94 ng/ml



#25 AR-1248-5

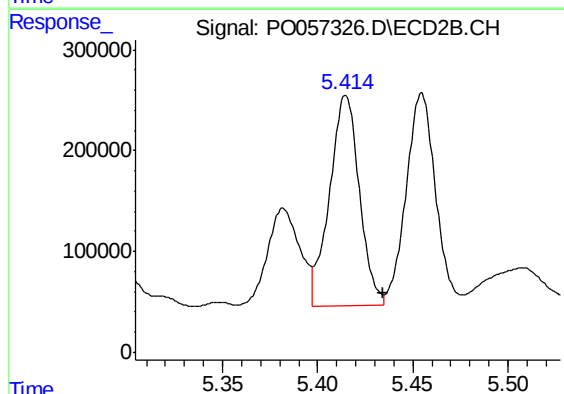
R.T.: 5.455 min
Delta R.T.: -0.021 min
Response: 2277443
Conc: 1376.04 ng/ml



#26 AR-1254-1

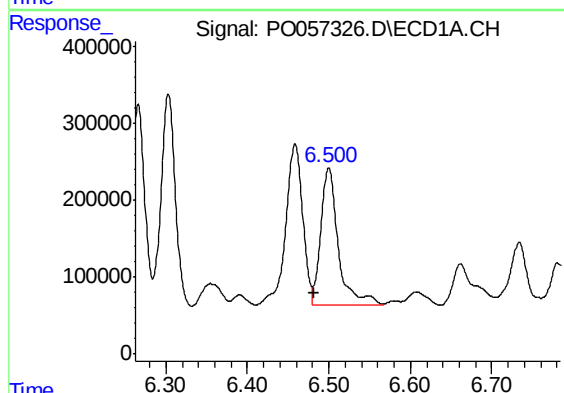
R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 1154832
Conc: 419.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



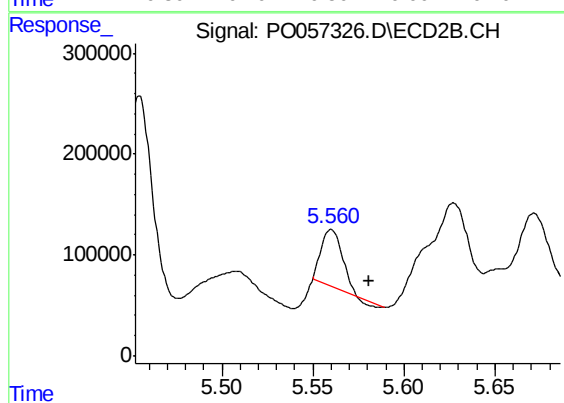
#26 AR-1254-1

R.T.: 5.415 min
Delta R.T.: -0.020 min
Response: 2284687
Conc: 863.87 ng/ml



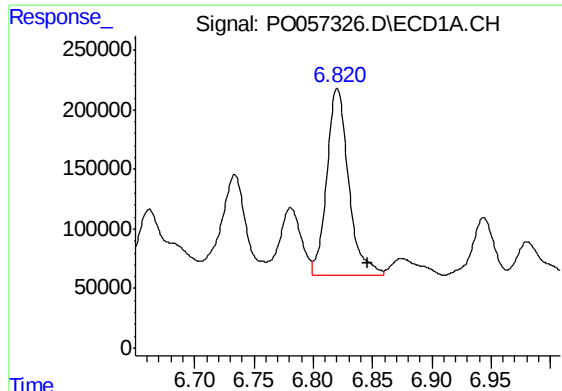
#27 AR-1254-2

R.T.: 6.500 min
Delta R.T.: 0.019 min
Response: 2703773
Conc: 696.11 ng/ml



#27 AR-1254-2

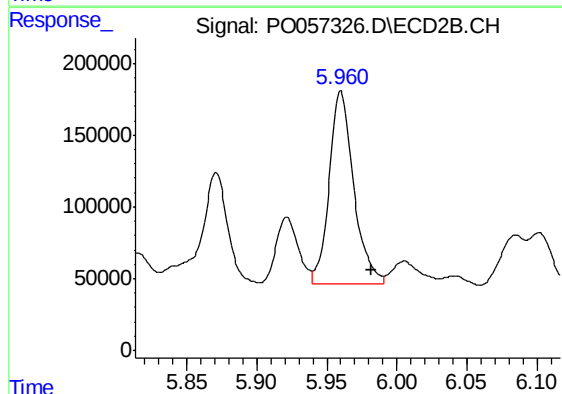
R.T.: 5.560 min
Delta R.T.: -0.020 min
Response: 443673
Conc: 205.80 ng/ml



#28 AR-1254-3

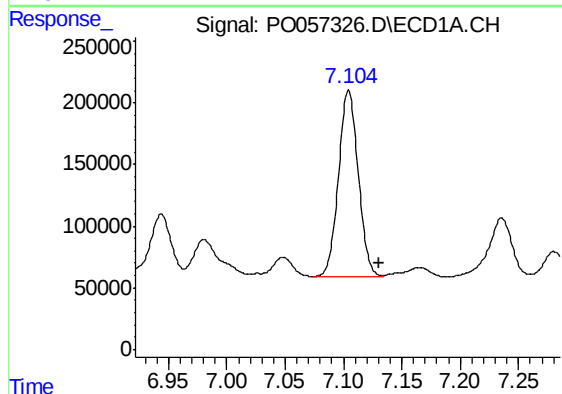
R.T.: 6.820 min
Delta R.T.: -0.026 min
Response: 2024737
Conc: 491.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



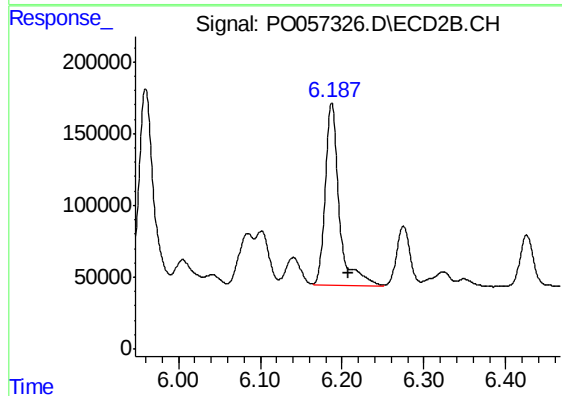
#28 AR-1254-3

R.T.: 5.960 min
Delta R.T.: -0.022 min
Response: 1628857
Conc: 444.91 ng/ml



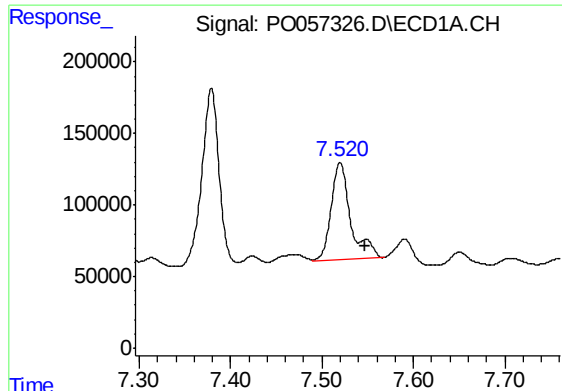
#29 AR-1254-4

R.T.: 7.104 min
Delta R.T.: -0.027 min
Response: 1773045
Conc: 589.08 ng/ml



#29 AR-1254-4

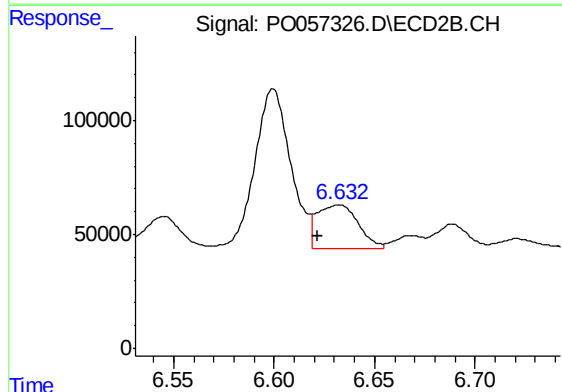
R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 1500894
Conc: 683.18 ng/ml



#30 AR-1254-5

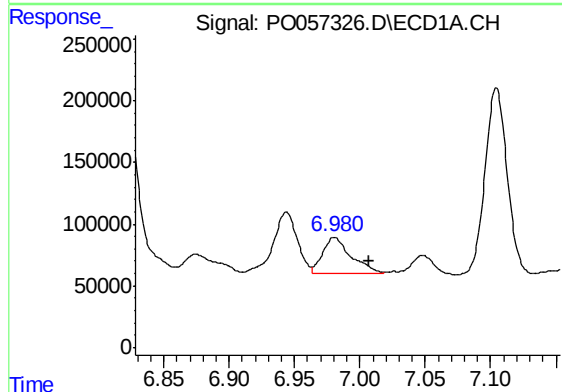
R.T.: 7.520 min
Delta R.T.: -0.027 min
Response: 1017574
Conc: 270.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



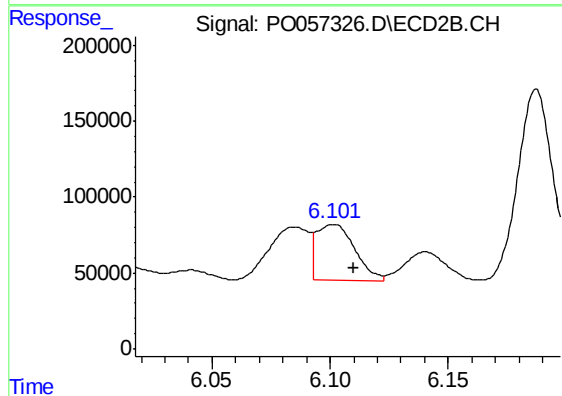
#30 AR-1254-5

R.T.: 6.633 min
Delta R.T.: 0.011 min
Response: 274642
Conc: 86.63 ng/ml



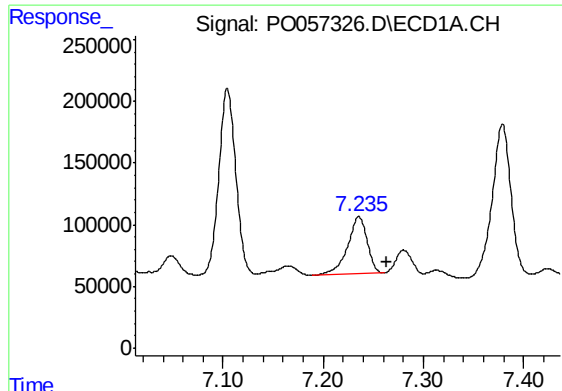
#31 AR-1260-1

R.T.: 6.981 min
Delta R.T.: -0.027 min
Response: 447444
Conc: 174.36 ng/ml



#31 AR-1260-1

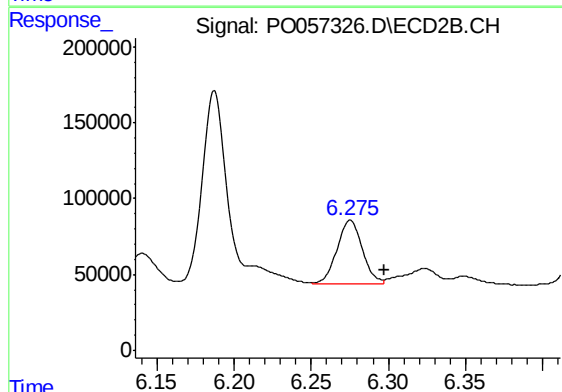
R.T.: 6.102 min
Delta R.T.: -0.009 min
Response: 419703
Conc: 209.81 ng/ml



#32 AR-1260-2

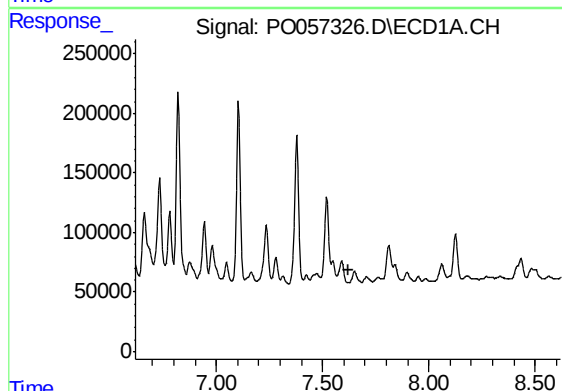
R.T.: 7.236 min
Delta R.T.: -0.028 min
Response: 624857
Conc: 206.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



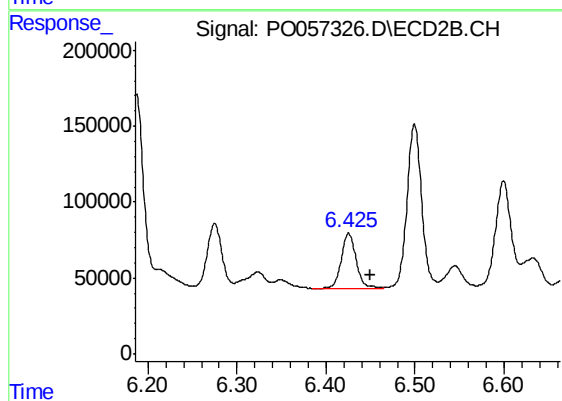
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: -0.023 min
Response: 467969
Conc: 189.85 ng/ml



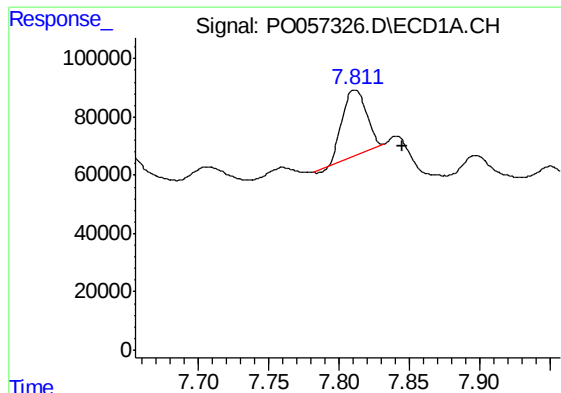
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#33 AR-1260-3

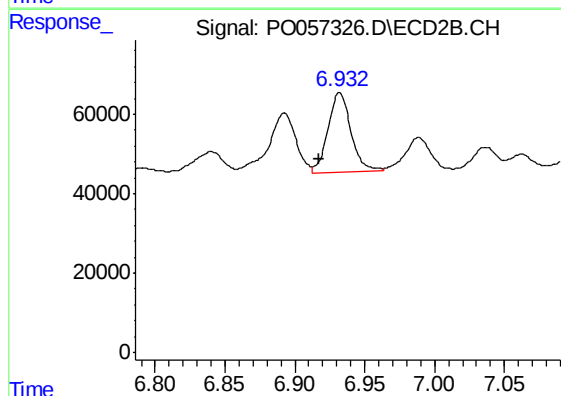
R.T.: 6.426 min
Delta R.T.: -0.024 min
Response: 414208
Conc: 184.65 ng/ml



#34 AR-1260-4

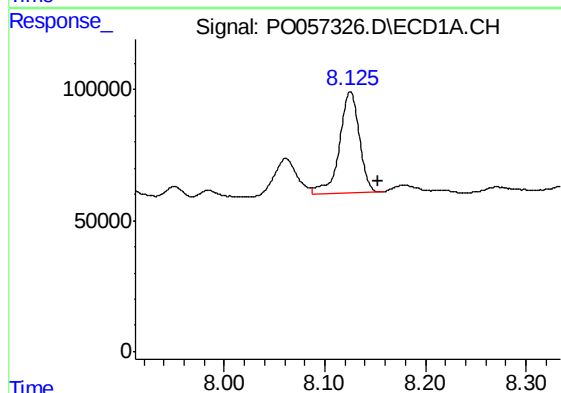
R.T.: 7.811 min
Delta R.T.: -0.034 min
Response: 268065
Conc: 102.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



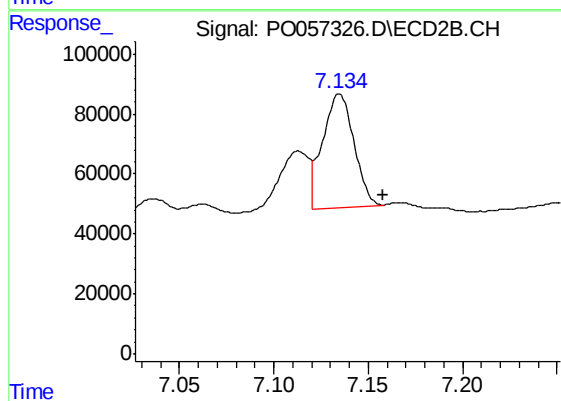
#34 AR-1260-4

R.T.: 6.932 min
Delta R.T.: 0.015 min
Response: 228342
Conc: 122.70 ng/ml



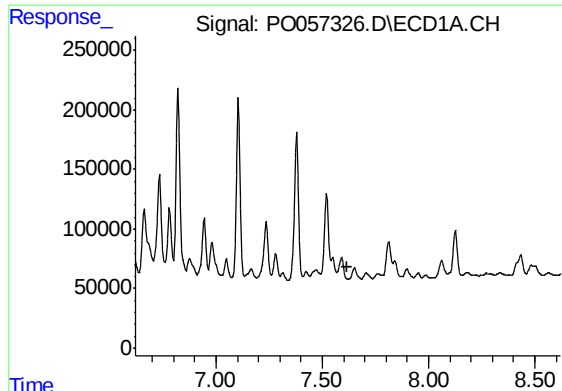
#35 AR-1260-5

R.T.: 8.125 min
Delta R.T.: -0.028 min
Response: 530229
Conc: 110.88 ng/ml



#35 AR-1260-5

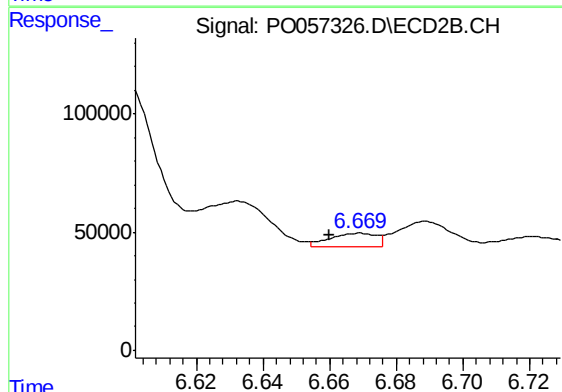
R.T.: 7.135 min
Delta R.T.: -0.023 min
Response: 437552
Conc: 101.47 ng/ml



#36 AR-1262-1

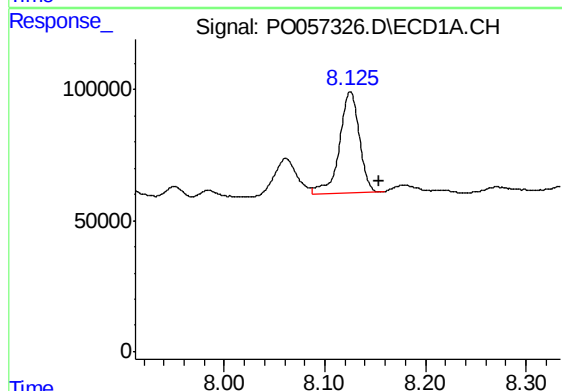
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



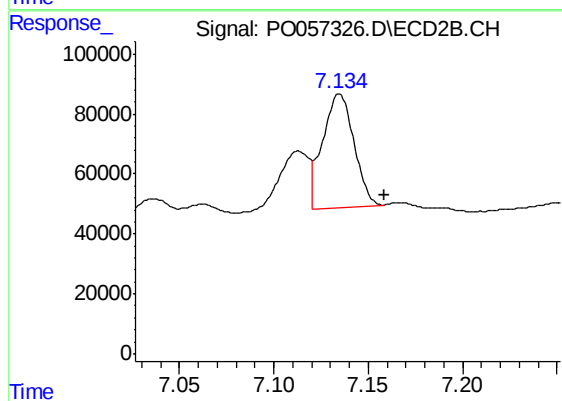
#36 AR-1262-1

R.T.: 6.669 min
Delta R.T.: 0.009 min
Response: 56094
Conc: 13.44 ng/ml



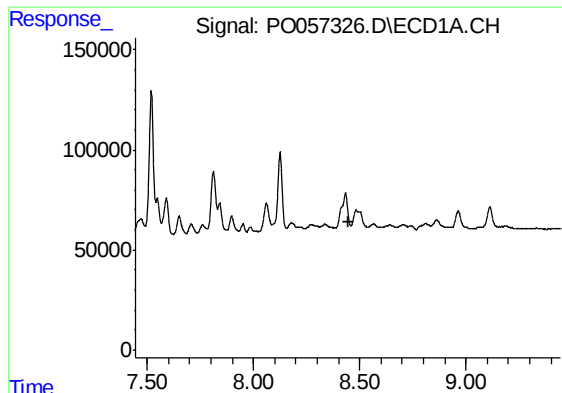
#37 AR-1262-2

R.T.: 8.125 min
Delta R.T.: -0.029 min
Response: 530229
Conc: 69.55 ng/ml



#37 AR-1262-2

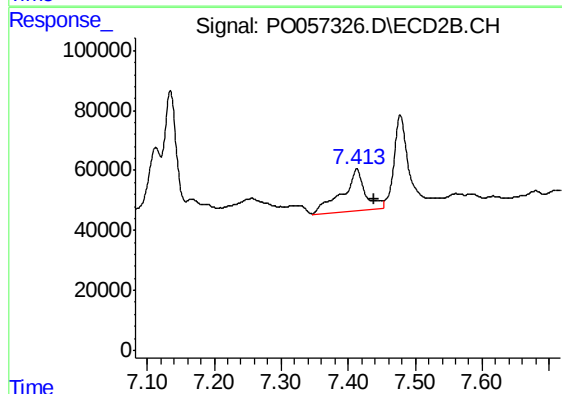
R.T.: 7.135 min
Delta R.T.: -0.024 min
Response: 437552
Conc: 63.68 ng/ml



#38 AR-1262-3

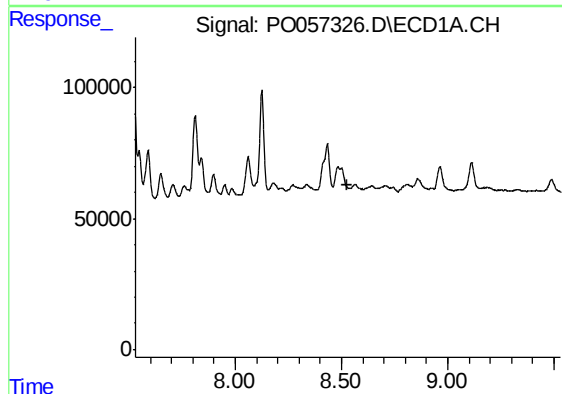
R.T.: 0.000 min
Exp R.T.: 8.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



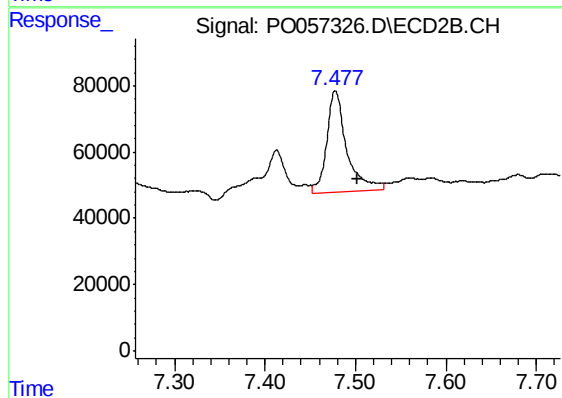
#38 AR-1262-3

R.T.: 7.413 min
Delta R.T.: -0.025 min
Response: 334136
Conc: 113.13 ng/ml



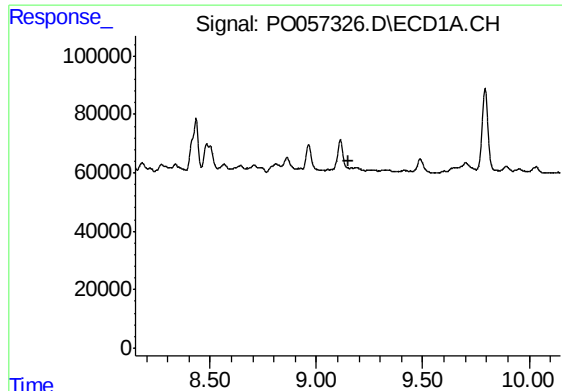
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.



#39 AR-1262-4

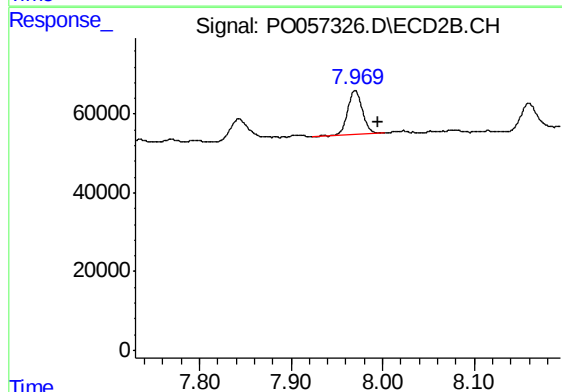
R.T.: 7.478 min
Delta R.T.: -0.025 min
Response: 474418
Conc: 91.05 ng/ml



#40 AR-1262-5

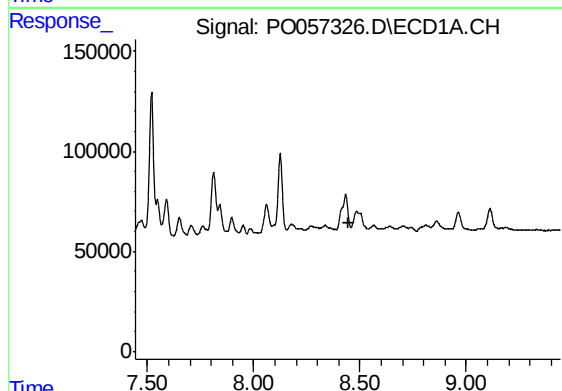
R.T.: 0.000 min
Exp R.T.: 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



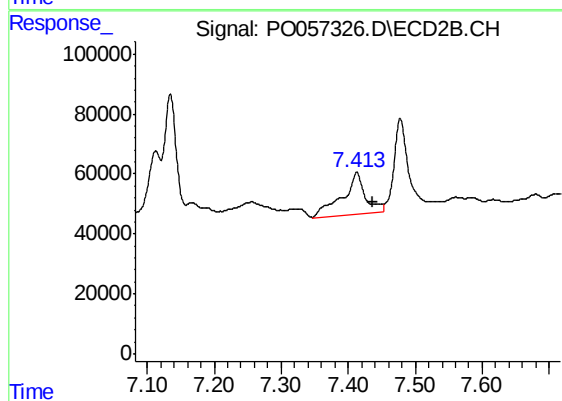
#40 AR-1262-5

R.T.: 7.970 min
Delta R.T.: -0.025 min
Response: 126521
Conc: 54.48 ng/ml



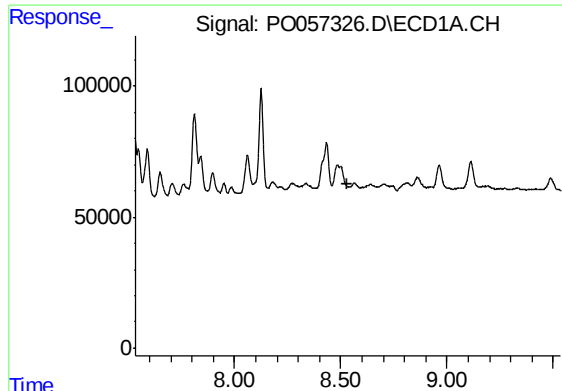
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.444 min
Response: 0
Conc: N.D.



#41 AR-1268-1

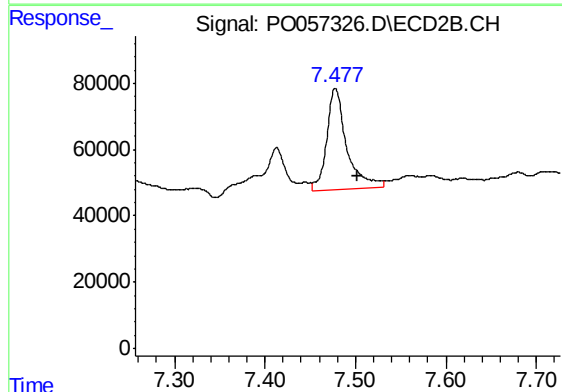
R.T.: 7.413 min
Delta R.T.: -0.024 min
Response: 334136
Conc: 44.76 ng/ml



#42 AR-1268-2

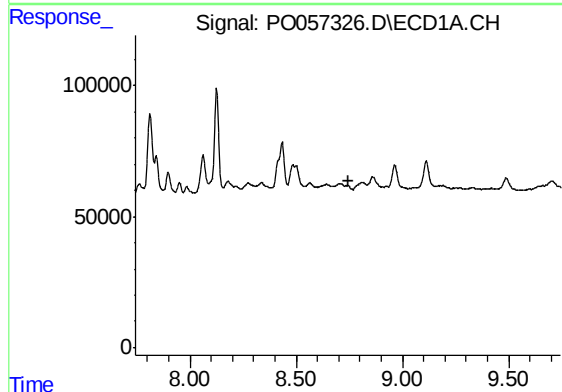
R.T.: 0.000 min
Exp R.T. : 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



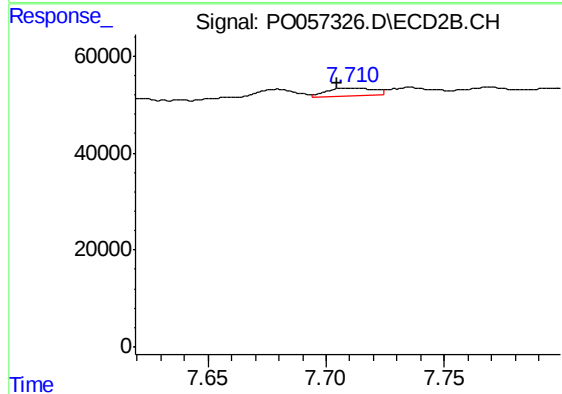
#42 AR-1268-2

R.T.: 7.478 min
Delta R.T.: -0.025 min
Response: 474418
Conc: 67.94 ng/ml



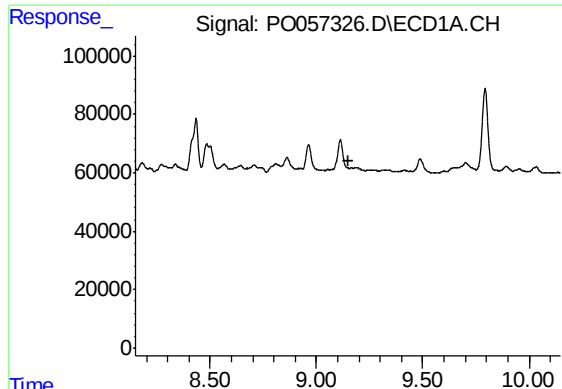
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.743 min
Response: 0
Conc: N.D.



#43 AR-1268-3

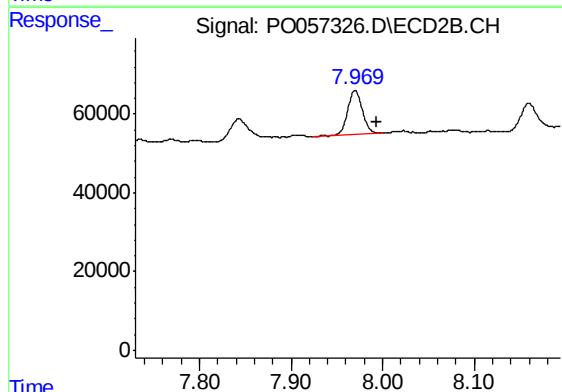
R.T.: 7.710 min
Delta R.T.: 0.005 min
Response: 22171
Conc: 3.74 ng/ml



#44 AR-1268-4

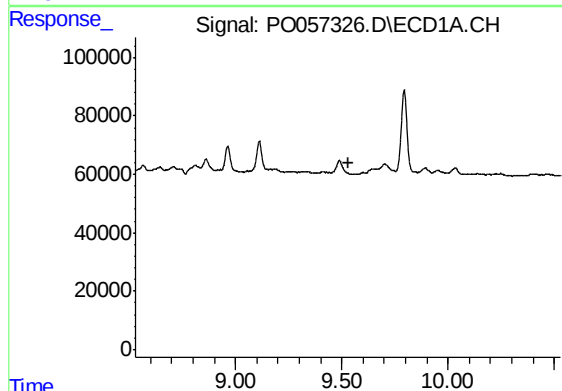
R.T.: 0.000 min
Exp R.T.: 9.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
POST-CARTRIDGE-FILTER



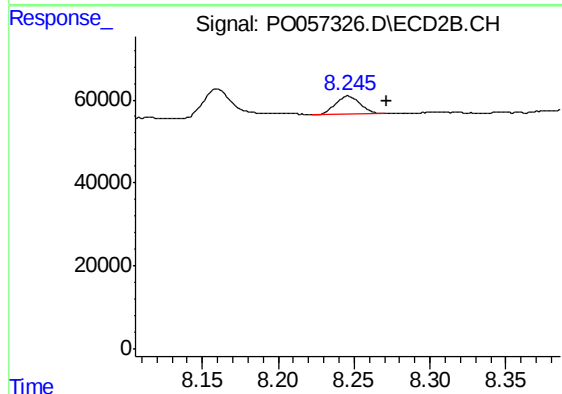
#44 AR-1268-4

R.T.: 7.970 min
Delta R.T.: -0.024 min
Response: 126521
Conc: 54.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.246 min
Delta R.T.: -0.026 min
Response: 49715
Conc: 2.87 ng/ml