

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 18:59
 Operator : AR\AJ
 Sample : P1538-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 21:07:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.635	2.854	25553256	12294551	9.303	8.766
28)	SA Decachlor...	9.304	8.086	14141769	8375120	7.343	6.578
Target Compounds							
3)	MA gamma-BHC...	4.443	3.725f	1677641	91417	0.414	0.046 #
4)	MA Heptachlor	0.000	4.070f	0	5941280	N.D.	3.261 #
5)	MB Aldrin	5.413f	4.356f	2464583	2379548	0.645	1.227 #
6)	B beta-BHC	4.616f	4.017	976159	127557	0.560	0.143 #
7)	B delta-BHC	4.909f	4.255	3957716	1058999	1.040	0.531 #
8)	B Heptachlo...	5.809	4.846	4575841	82993	1.306	0.048 #
9)	A Endosulfan I	6.192f	0.000	340702	0	0.109	N.D. #
10)	B gamma-Chl...	6.097f	5.082f	1401694	1871443	0.412	1.049 #
11)	B alpha-Chl...	0.000	5.182	0	403333	N.D.	0.226 #
12)	B 4,4'-DDE	6.330	5.362	4349706	1049251	1.434	0.660 #
13)	MA Dieldrin	6.485	5.497	1091018	1732956	0.332	1.004 #
14)	MA Endrin	6.717	5.782	3238711	500839	1.245	0.335 #
15)	B Endosulfa...	6.935	6.062	299579	734288	0.105	0.482 #
16)	A 4,4'-DDD	6.865	0.000	5296697	0	2.042	N.D. #
17)	MA 4,4'-DDT	7.145f	6.174	2253052	1945788	0.857	1.425 #
19)	B Endosulfa...	7.289f	6.479	443893	544839	0.170	0.388 #
20)	A Methoxychlor	0.000	6.738f	0	1447557	N.D.	1.847 #
21)	B Endrin ke...	7.774f	0.000	2731492	0	0.975	N.D. #
23)	Chlordane-1	4.831	3.875	1157515	202168	9.014	3.928 #
24)	Chlordane-2	0.000	4.479	0	23659	N.D.	0.372 #
25)	Chlordane-3	6.097f	5.082f	1401694	1871443	2.775	10.051 #
26)	Chlordane-4	0.000	5.182	0	403333	N.D.	2.332 #
27)	Chlordane-5	0.000	5.844	0	2448561	N.D.	46.284 #

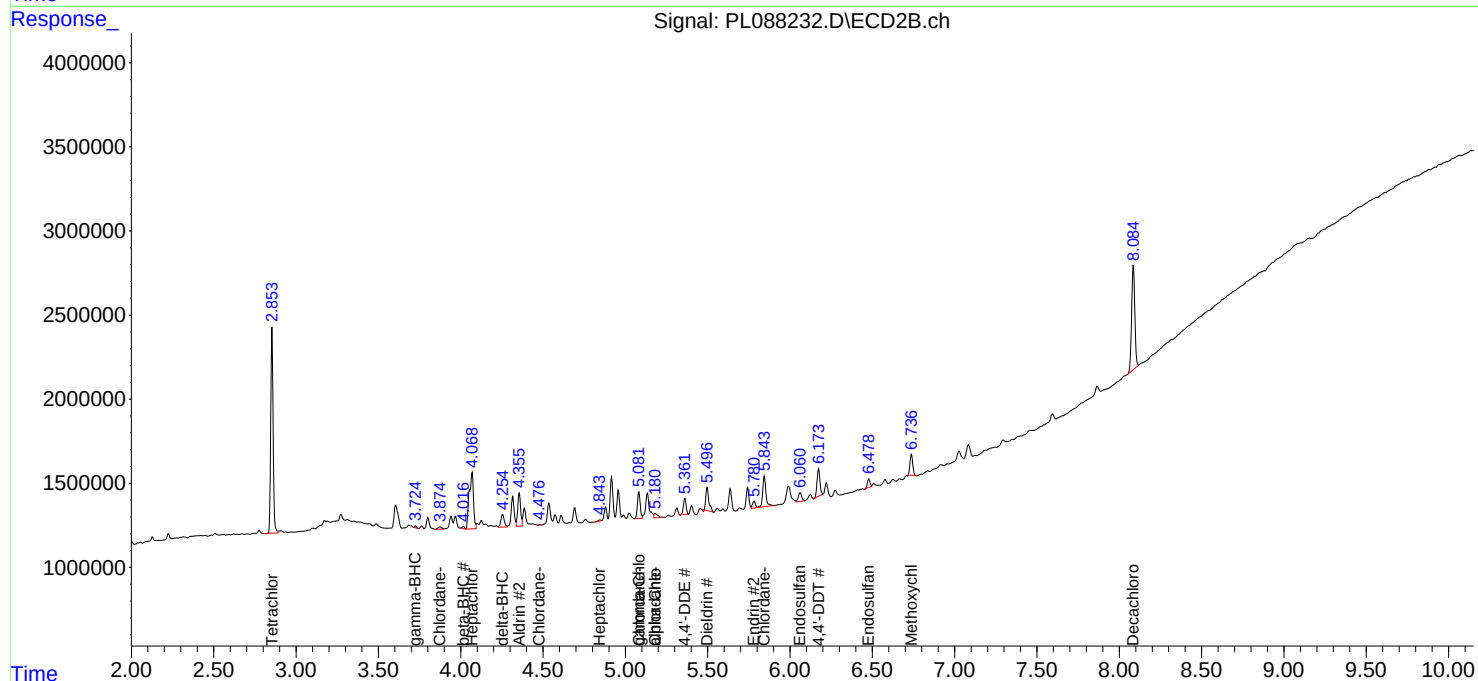
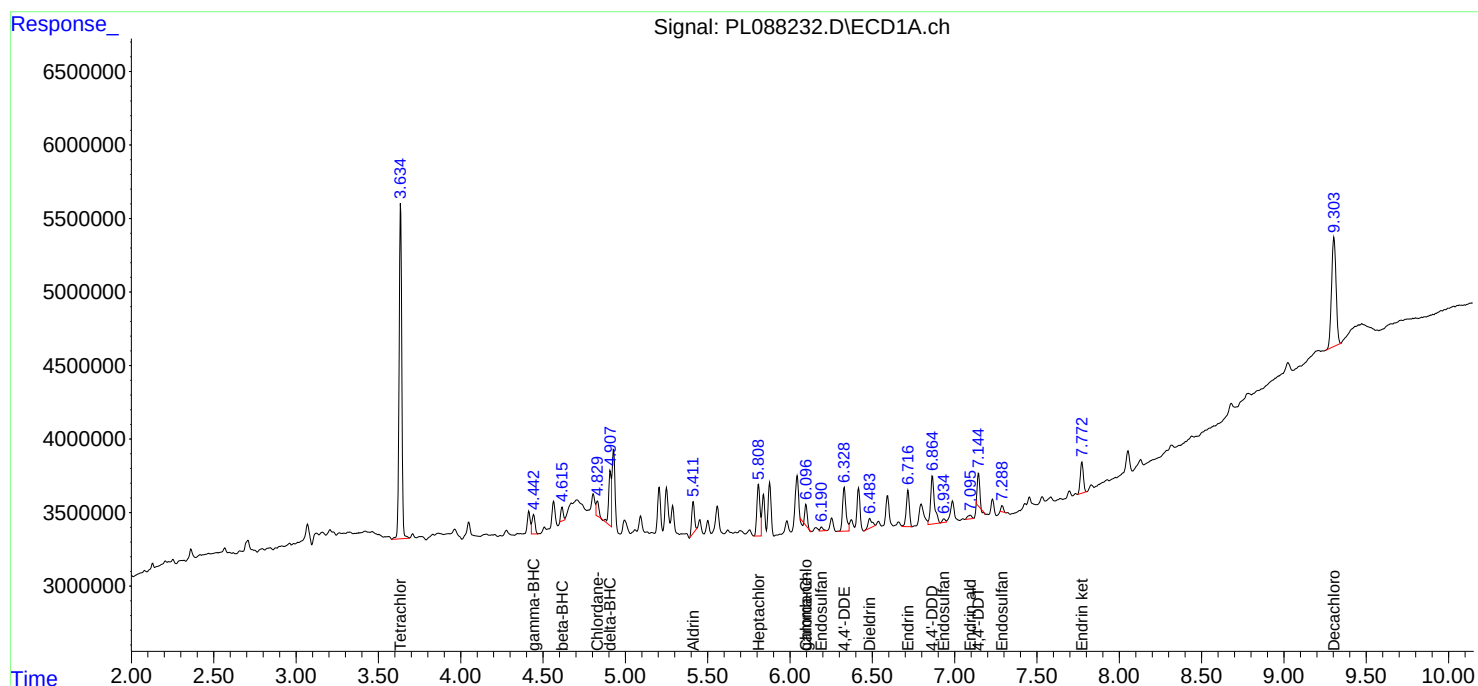
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

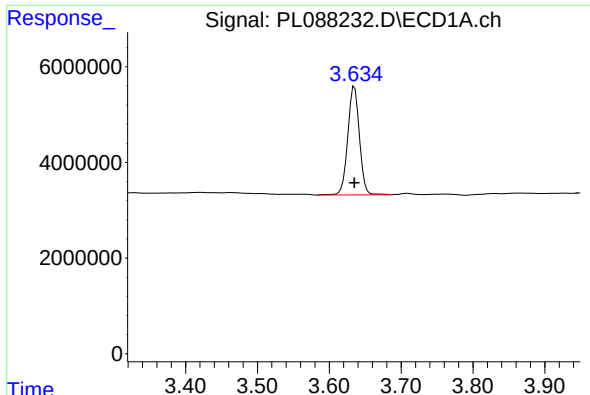
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
Data File : PL088232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 18:59
Operator : AR\AJ
Sample : P1538-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 21:07:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

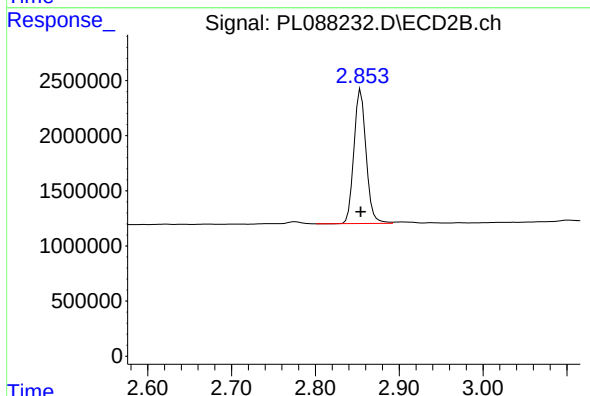
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 25553256
Conc: 9.30 ng/ml

Instrument :

ECD_L

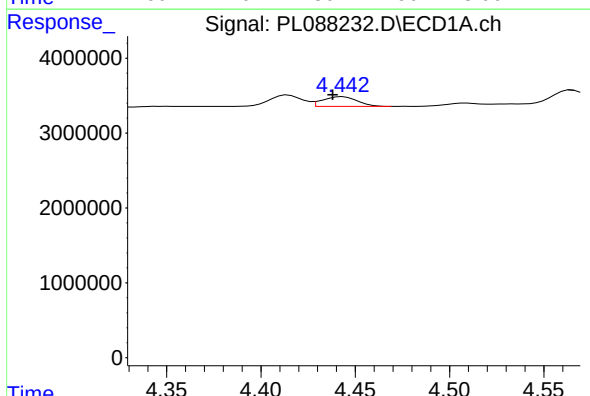
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



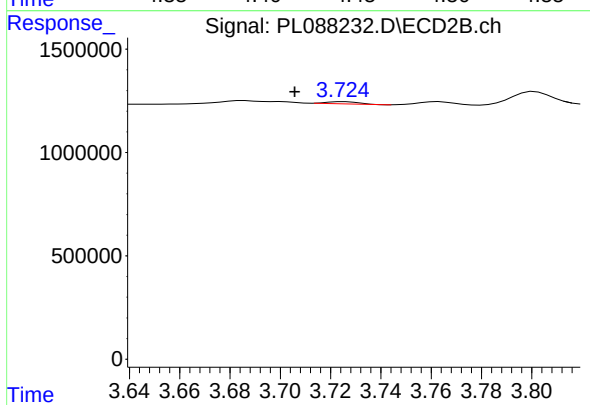
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 12294551
Conc: 8.77 ng/ml



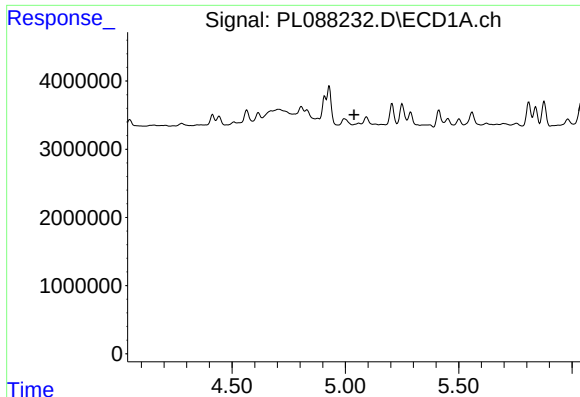
#3 gamma-BHC (Lindane)

R.T.: 4.443 min
Delta R.T.: 0.005 min
Response: 1677641
Conc: 0.41 ng/ml



#3 gamma-BHC (Lindane)

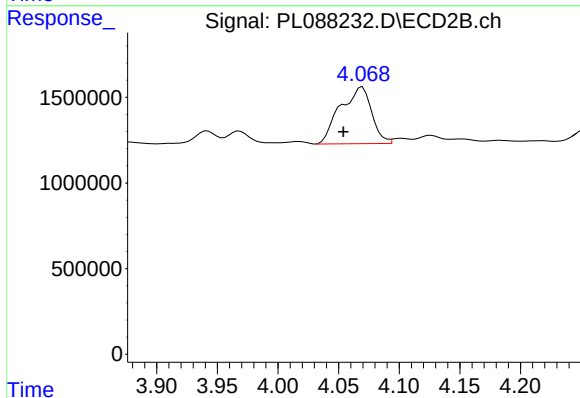
R.T.: 3.725 min
Delta R.T.: 0.020 min
Response: 91417
Conc: 0.05 ng/ml



#4 Heptachlor

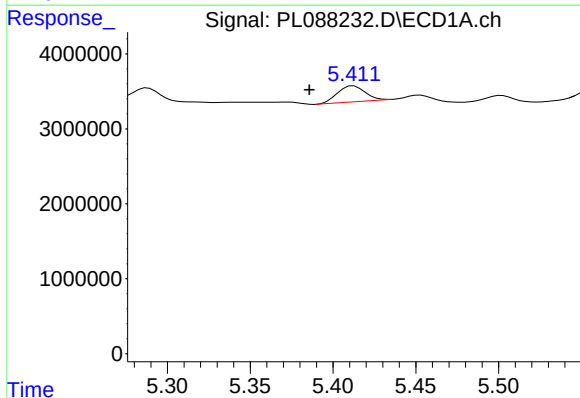
R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03



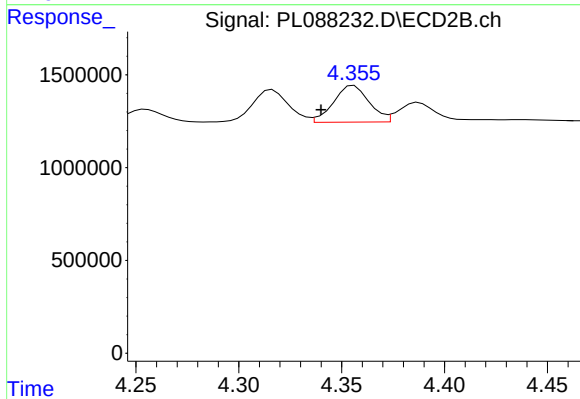
#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: 0.016 min
Response: 5941280
Conc: 3.26 ng/ml



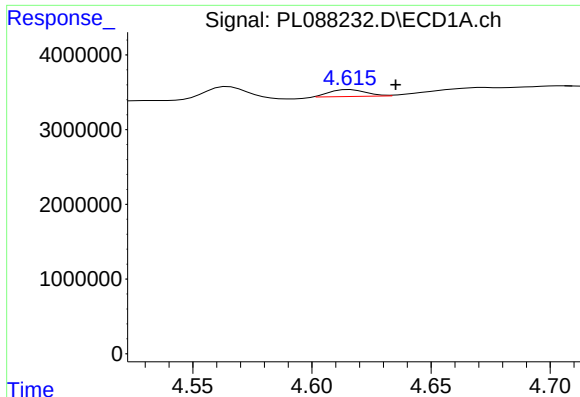
#5 Aldrin

R.T.: 5.413 min
Delta R.T.: 0.027 min
Response: 2464583
Conc: 0.65 ng/ml



#5 Aldrin

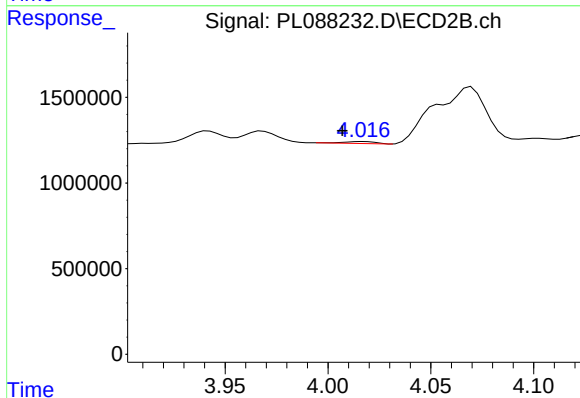
R.T.: 4.356 min
Delta R.T.: 0.016 min
Response: 2379548
Conc: 1.23 ng/ml



#6 beta-BHC

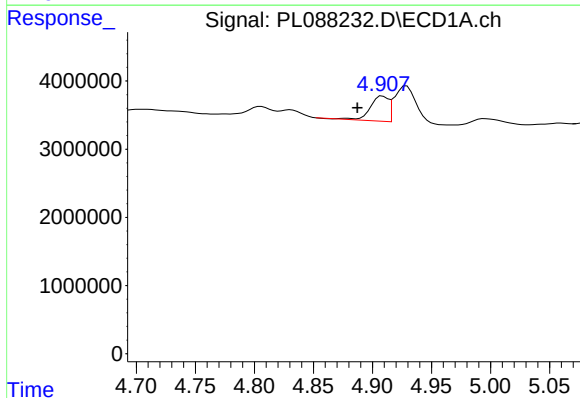
R.T.: 4.616 min
Delta R.T.: -0.019 min
Response: 976159
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03



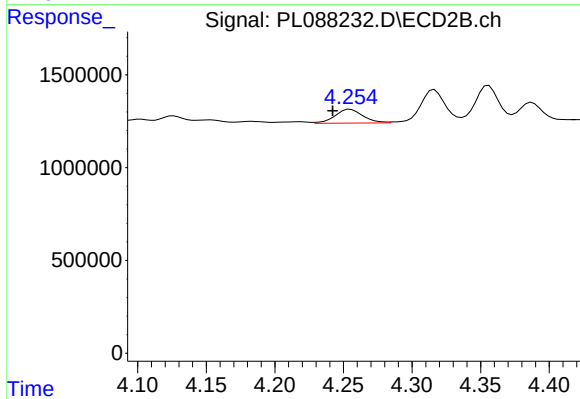
#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.010 min
Response: 127557
Conc: 0.14 ng/ml



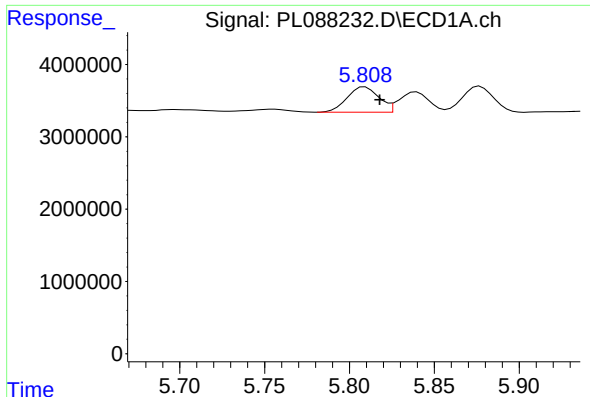
#7 delta-BHC

R.T.: 4.909 min
Delta R.T.: 0.021 min
Response: 3957716
Conc: 1.04 ng/ml



#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.013 min
Response: 1058999
Conc: 0.53 ng/ml



#8 Heptachlor epoxide

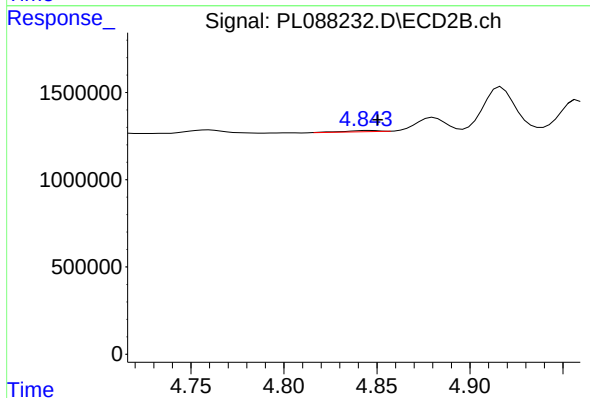
R.T.: 5.809 min
Delta R.T.: -0.009 min
Response: 4575841
Conc: 1.31 ng/ml

Instrument :

ECD_L

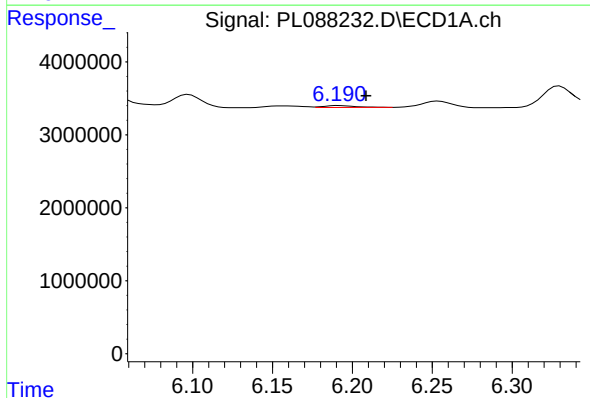
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



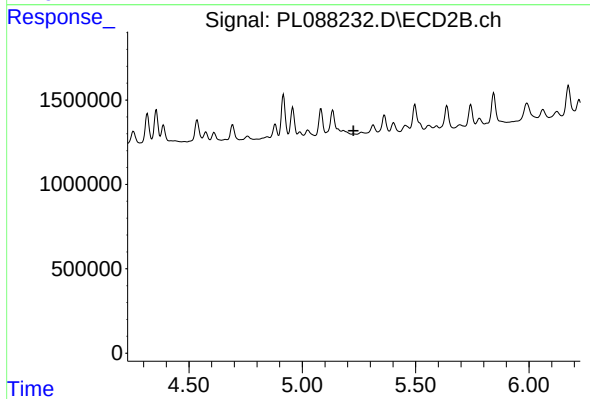
#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.005 min
Response: 82993
Conc: 0.05 ng/ml



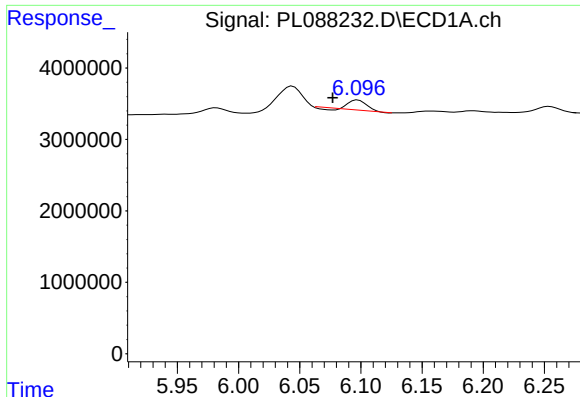
#9 Endosulfan I

R.T.: 6.192 min
Delta R.T.: -0.017 min
Response: 340702
Conc: 0.11 ng/ml



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.226 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

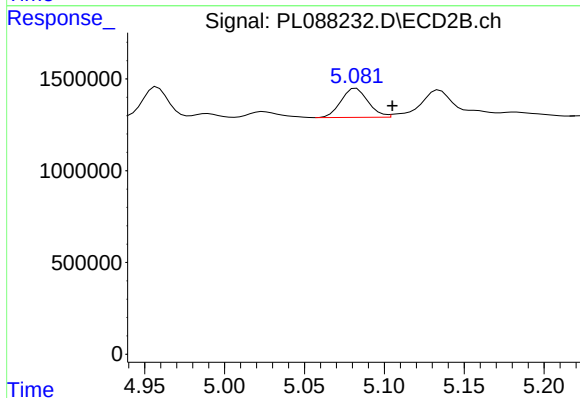
R.T.: 6.097 min
Delta R.T.: 0.021 min
Response: 1401694
Conc: 0.41 ng/ml

Instrument :

ECD_L

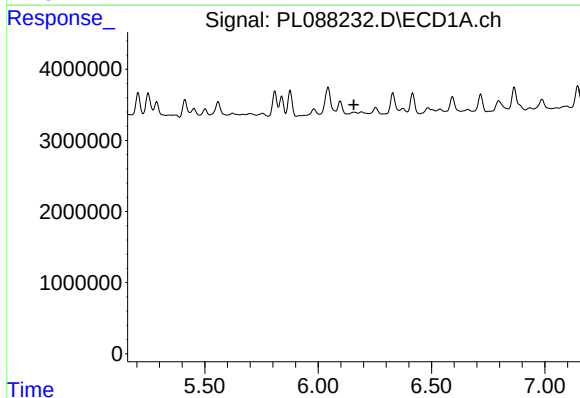
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



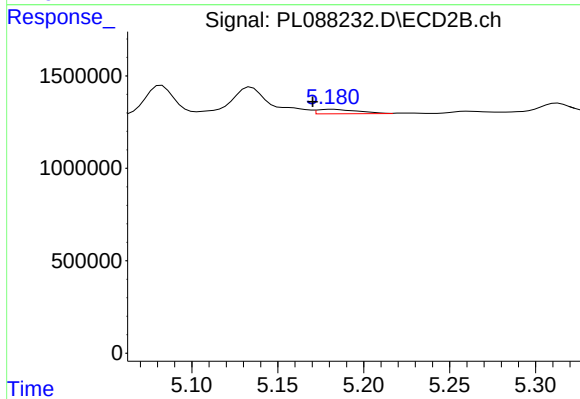
#10 gamma-Chlordane

R.T.: 5.082 min
Delta R.T.: -0.023 min
Response: 1871443
Conc: 1.05 ng/ml



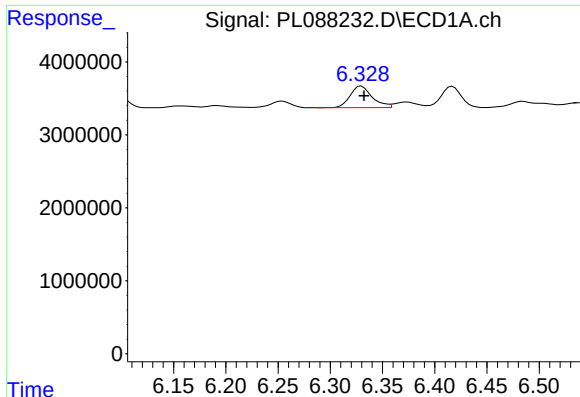
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.158 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.011 min
Response: 403333
Conc: 0.23 ng/ml



#12 4,4'-DDE

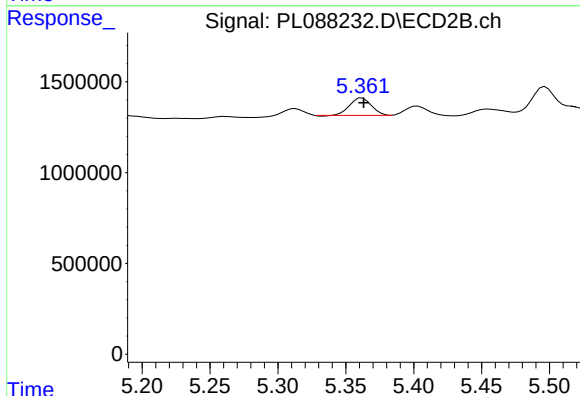
R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 4349706
Conc: 1.43 ng/ml

Instrument :

ECD_L

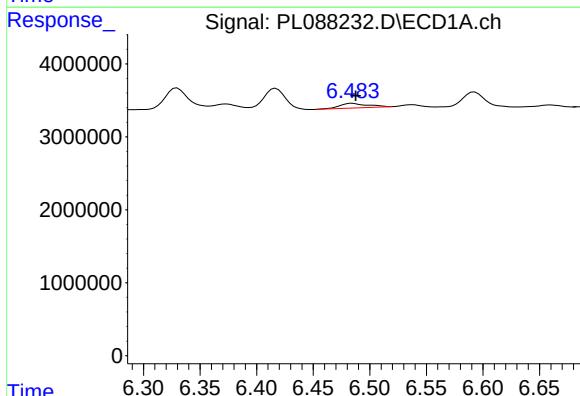
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



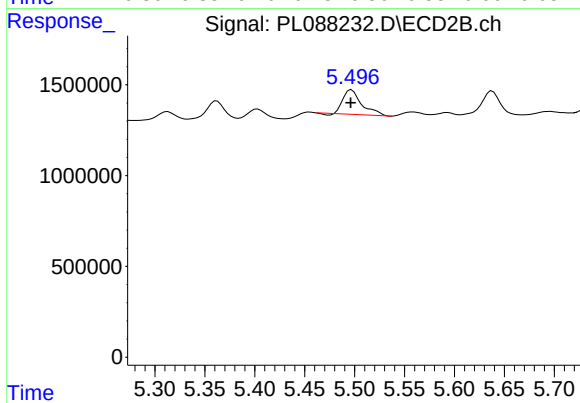
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 1049251
Conc: 0.66 ng/ml



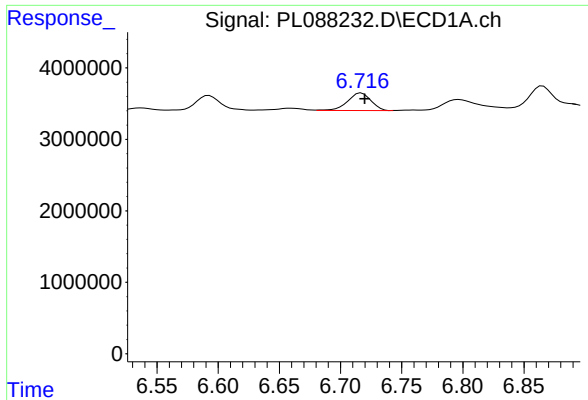
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 1091018
Conc: 0.33 ng/ml



#13 Dieldrin

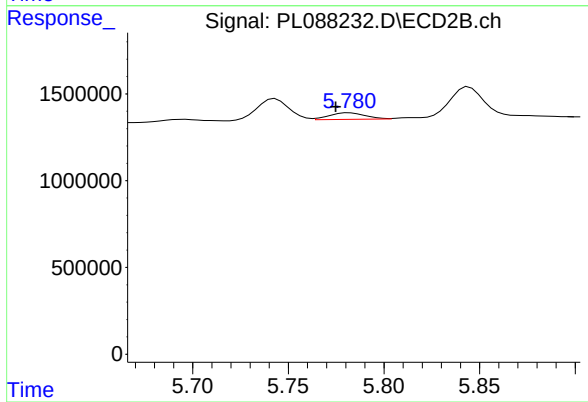
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 1732956
Conc: 1.00 ng/ml



#14 Endrin

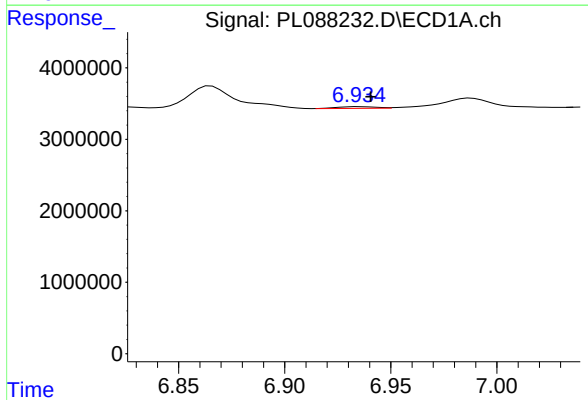
R.T.: 6.717 min
Delta R.T.: -0.003 min
Response: 3238711
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03



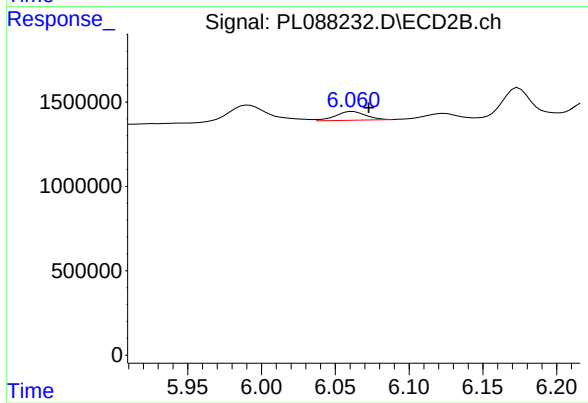
#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.007 min
Response: 500839
Conc: 0.33 ng/ml



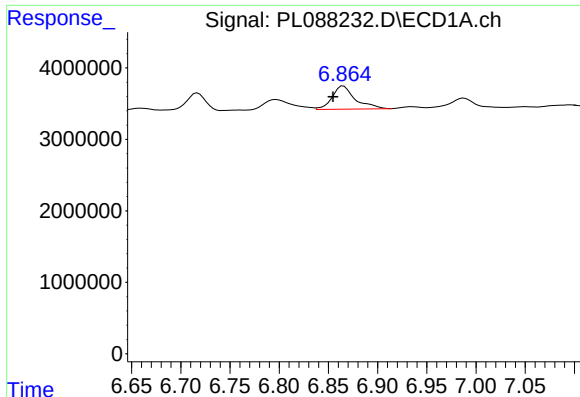
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 299579
Conc: 0.10 ng/ml



#15 Endosulfan II

R.T.: 6.062 min
Delta R.T.: -0.011 min
Response: 734288
Conc: 0.48 ng/ml



#16 4,4'-DDD

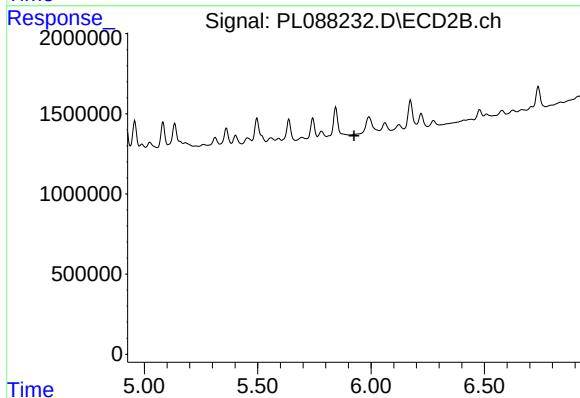
R.T.: 6.865 min
Delta R.T.: 0.011 min
Response: 5296697
Conc: 2.04 ng/ml

Instrument :

ECD_L

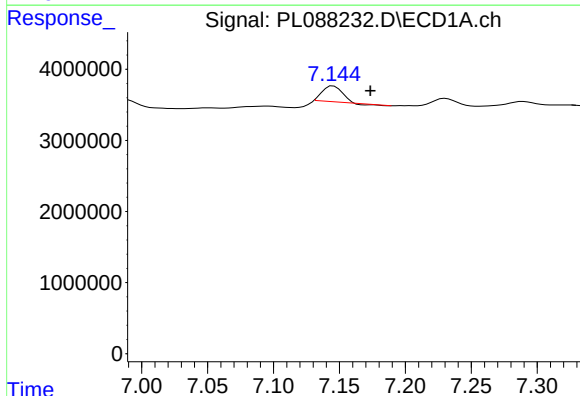
ClientSampleId :

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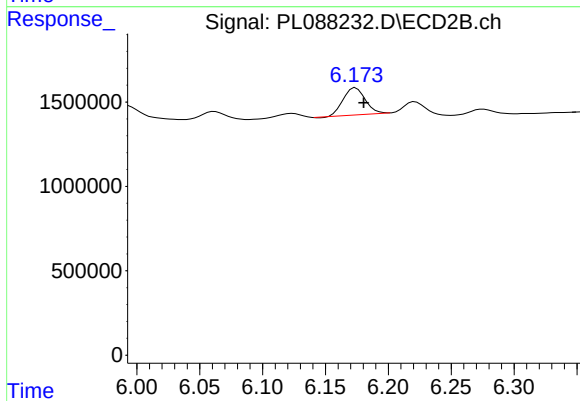
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.925 min
Response: 0
Conc: N.D.



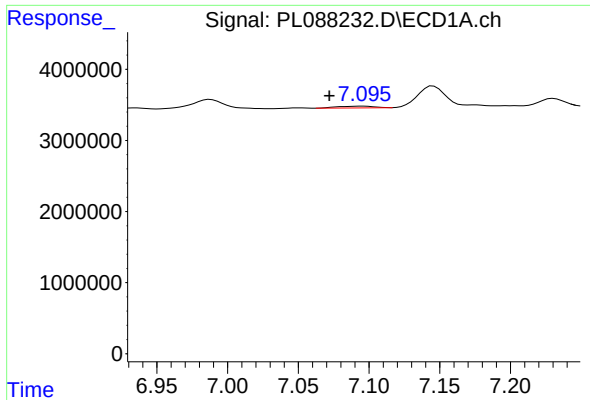
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.028 min
Response: 2253052
Conc: 0.86 ng/ml



#17 4,4'-DDT

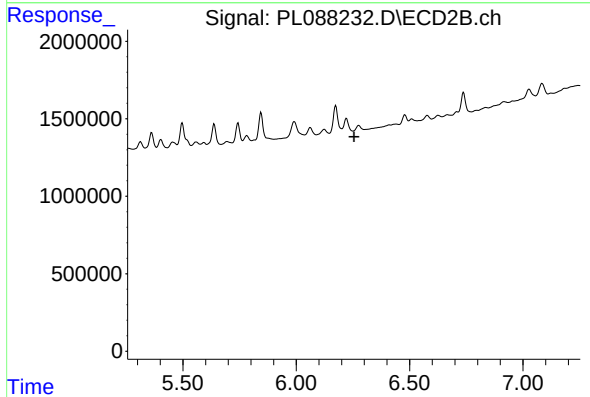
R.T.: 6.174 min
Delta R.T.: -0.006 min
Response: 1945788
Conc: 1.43 ng/ml



#18 Endrin aldehyde

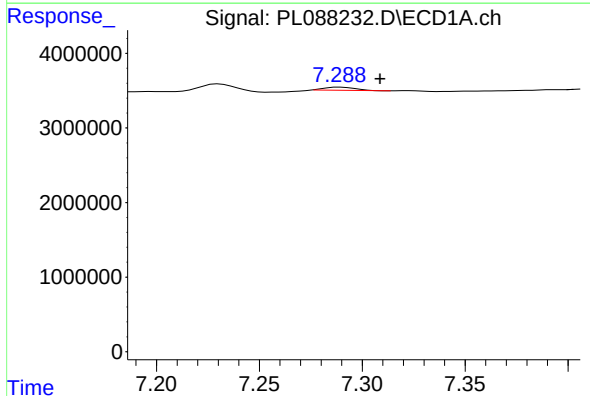
R.T.: 7.096 min
Delta R.T.: 0.024 min
Response: 460401
Conc: 0.22 ng/ml

Instrument :
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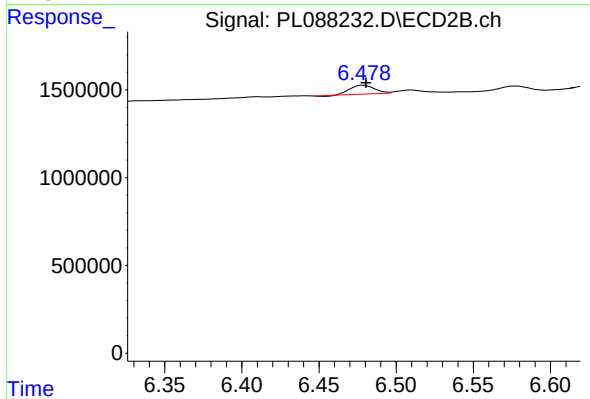
#18 Endrin aldehyde

R.T.: 6.276 min
Delta R.T.: 0.021 min
Response: -248963
Conc: N.D.



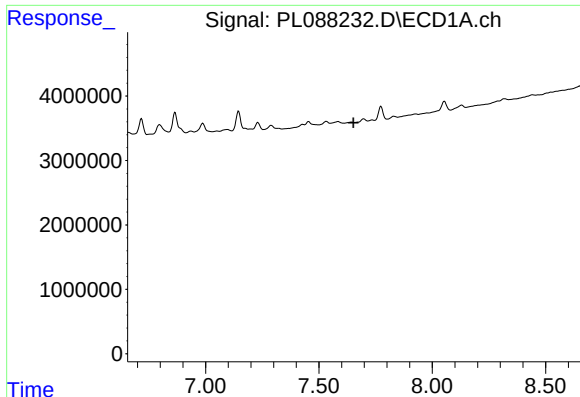
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: -0.020 min
Response: 443893
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 544839
Conc: 0.39 ng/ml



#20 Methoxychlor

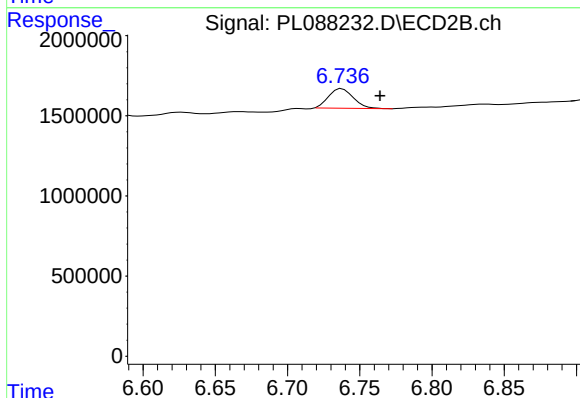
R.T.: 0.000 min
Exp R.T.: 7.653 min
Response: 0
Conc: N.D.

Instrument :

ECD_L

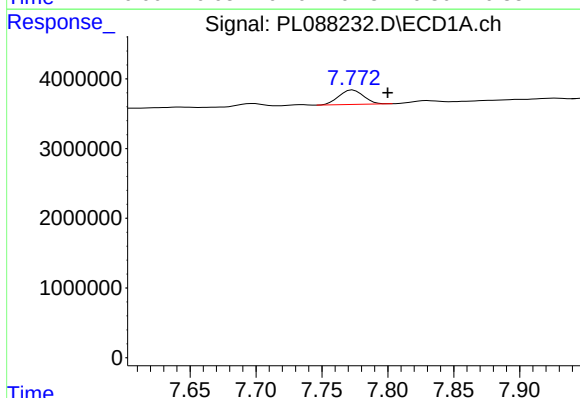
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



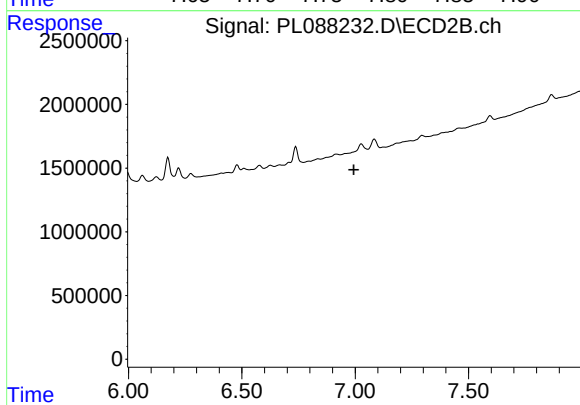
#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: -0.026 min
Response: 1447557
Conc: 1.85 ng/ml



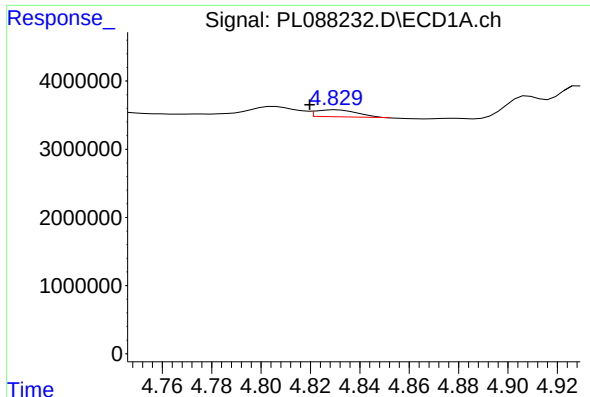
#21 Endrin ketone

R.T.: 7.774 min
Delta R.T.: -0.026 min
Response: 2731492
Conc: 0.98 ng/ml



#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 6.994 min
Response: 0
Conc: N.D.



#23 Chlordane-1

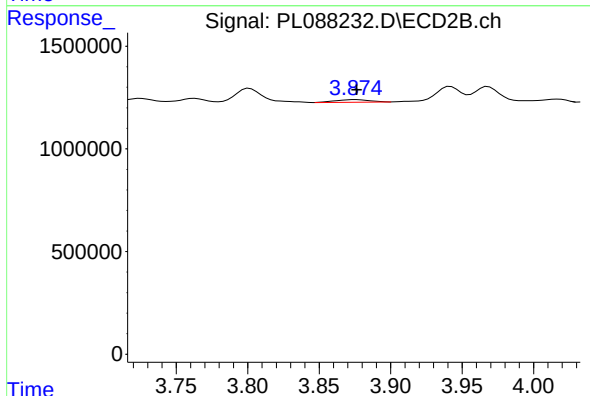
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 1157515
Conc: 9.01 ng/ml

Instrument :

ECD_L

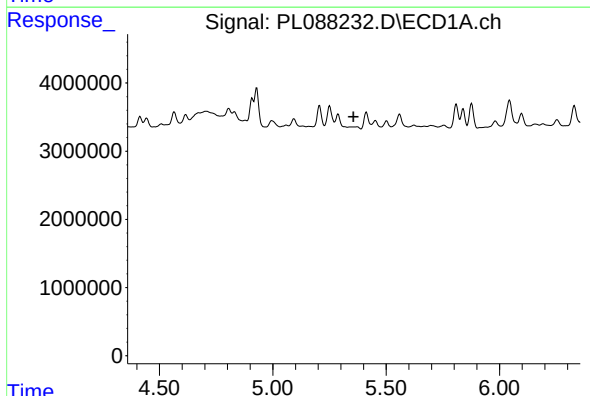
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



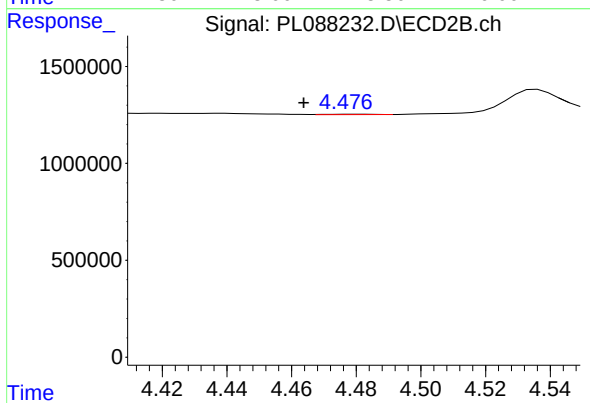
#23 Chlordane-1

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 202168
Conc: 3.93 ng/ml



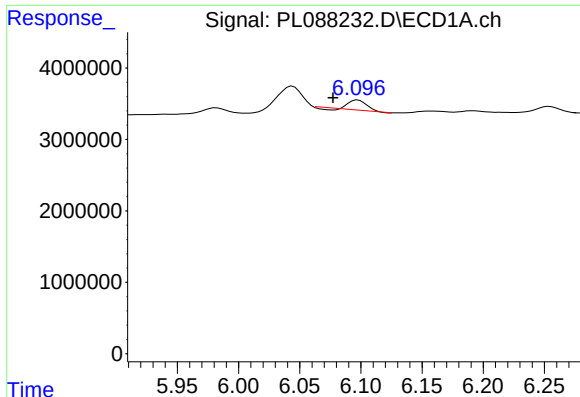
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.



#24 Chlordane-2

R.T.: 4.479 min
Delta R.T.: 0.015 min
Response: 23659
Conc: 0.37 ng/ml



#25 Chlordane-3

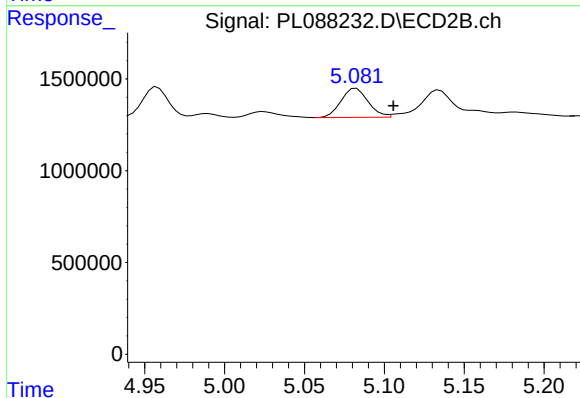
R.T.: 6.097 min
Delta R.T.: 0.020 min
Response: 1401694
Conc: 2.78 ng/ml

Instrument :

ECD_L

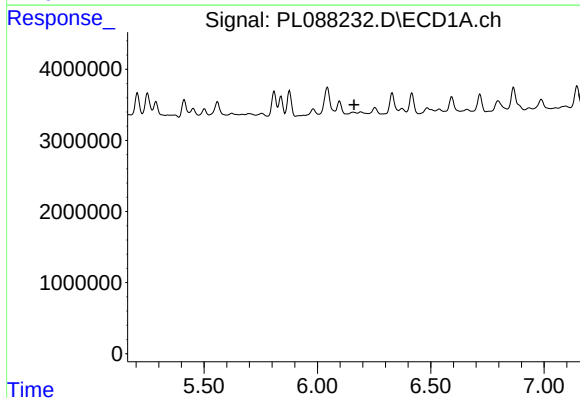
ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



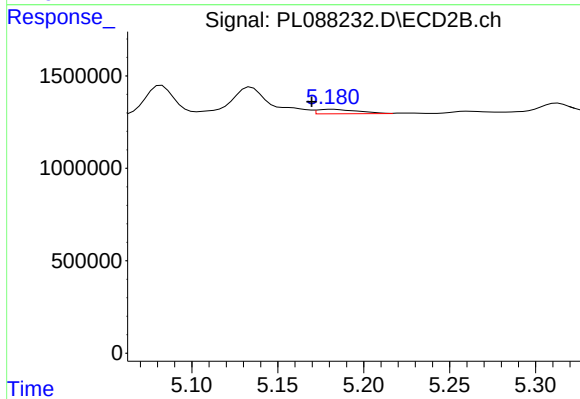
#25 Chlordane-3

R.T.: 5.082 min
Delta R.T.: -0.023 min
Response: 1871443
Conc: 10.05 ng/ml



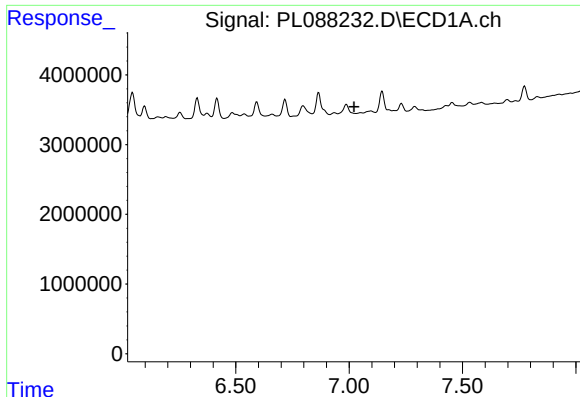
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.162 min
Response: 0
Conc: N.D.



#26 Chlordane-4

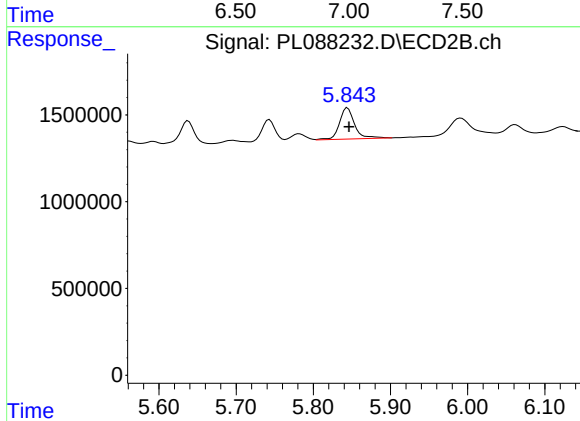
R.T.: 5.182 min
Delta R.T.: 0.012 min
Response: 403333
Conc: 2.33 ng/ml



#27 Chlordane-5

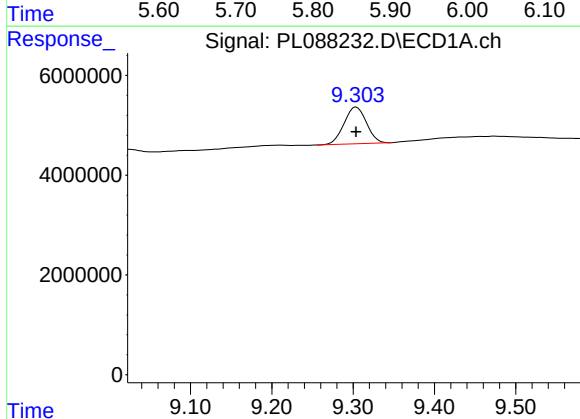
R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03



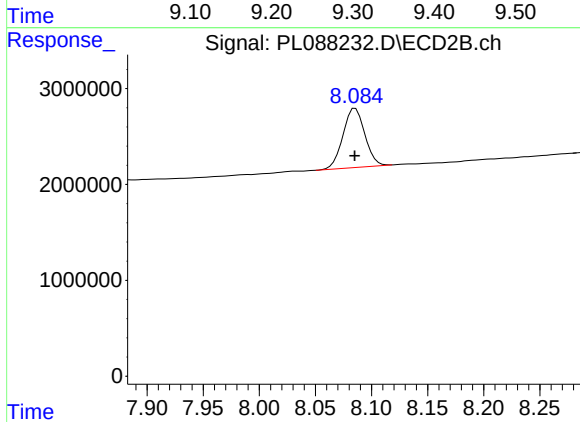
#27 Chlordane-5

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 2448561
Conc: 46.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 14141769
Conc: 7.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 8375120
Conc: 6.58 ng/ml