

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022024\
 Data File : PL088159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2024 16:57
 Operator : AR\AJ
 Sample : P1523-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:17:34 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...	3.634	2.854	53766662	28730190	19.575	20.485
28)	SA Decachlor...	9.298	8.082	26584179	15644061	13.803	12.286
Target Compounds							
2)	A alpha-BHC	4.099	3.369	192.4E6	93233236	46.104	45.373
3)	MA gamma-BHC...	4.437	3.705	183.6E6	88511783	45.336	44.200
4)	MA Heptachlor	5.037	4.054	180.3E6	89301840	46.858	49.019
5)	MB Aldrin	5.384	4.339	168.8E6	84587630	44.216	43.614
6)	B beta-BHC	4.634	4.007	81489152	39035878	46.789	43.857
7)	B delta-BHC	4.886	4.242	175.4E6	87234535	46.090	43.731
8)	B Heptachlo...	5.815	4.849	161.0E6	77306562	45.962	44.563
9)	A Endosulfan I	6.206	5.225	143.5E6	69830904	45.842	43.398
10)	B gamma-Chl...	6.075	5.104	175.6E6	82361826	51.673	46.172
11)	B alpha-Chl...	6.155	5.169	157.3E6	81608876	46.105	45.810
12)	B 4,4'-DDE	6.329	5.362	135.3E6	72767148	44.612	45.783
13)	MA Dieldrin	6.485	5.494	151.3E6	79490810	46.017	46.072
14)	MA Endrin	6.717	5.773	125.8E6	69989848	48.367	46.812
15)	B Endosulfa...	6.937	6.071	133.6E6	68666121	46.640	45.074
16)	A 4,4'-DDD	6.851	5.924	121.2E6	60157039	46.712	44.032
17)	MA 4,4'-DDT	7.170	6.178	115.2E6	61348259	43.809	44.936
18)	B Endrin al...	7.068	6.252	96784099	49701798	46.808	45.507
19)	B Endosulfa...	7.305	6.478	122.4E6	64255512	46.971	45.752
20)	A Methoxychlor	7.650	6.762	61468478	35357479	46.436	45.113
21)	B Endrin ke...	7.797	6.990	134.5E6	74364798	48.032	44.418
22)	Mirex	8.278	7.177	105.1E6	61648997	45.352	47.056
23)	Chlordane-1	4.806	3.871	2566572	731024	19.988	14.202 #
24)	Chlordane-2	5.384f	4.459	168.8E6	1038890	1257.888	16.351 #
25)	Chlordane-3	6.075	5.104	175.6E6	82361826	347.674	442.337 #
26)	Chlordane-4	6.155	5.169	157.3E6	81608876	256.278	471.937 #
27)	Chlordane-5	0.000	5.843	0	1586937	N.D.	29.997 #

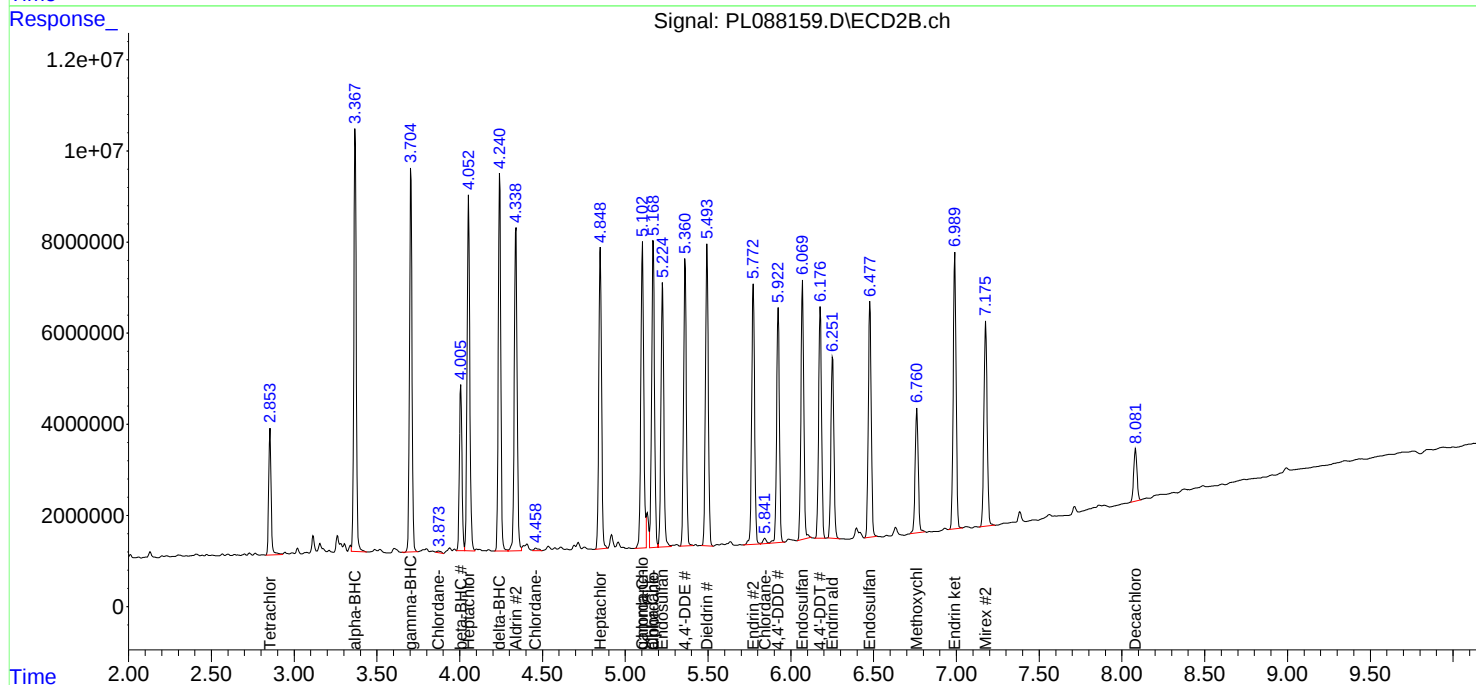
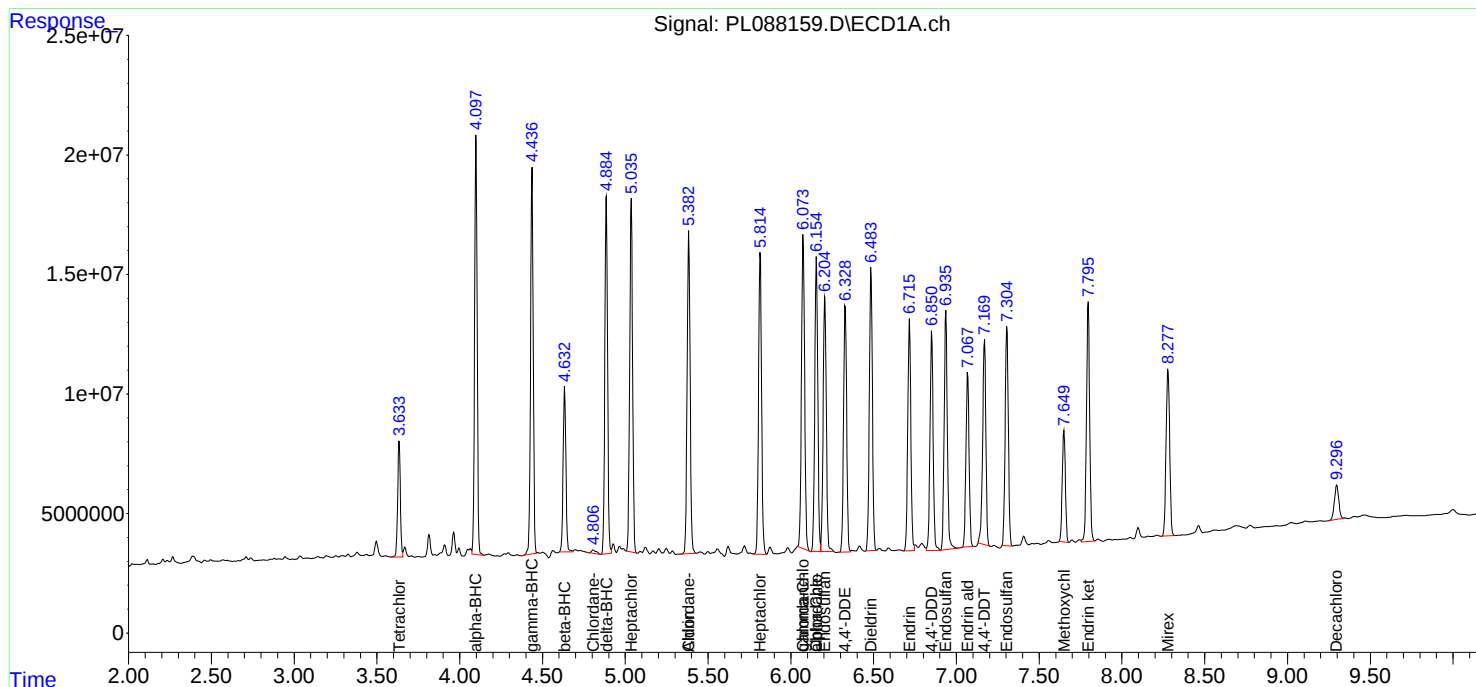
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

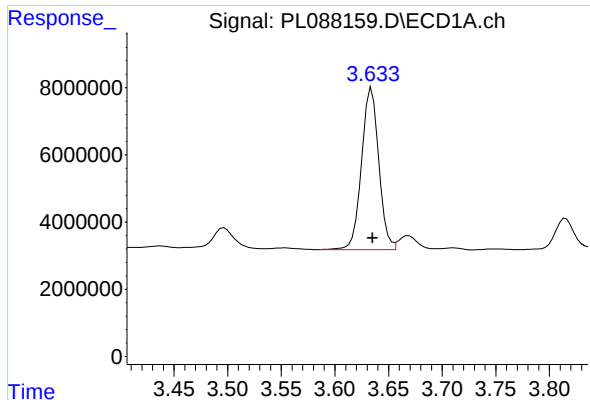
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022024\
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#1 Tetrachloro-m-xylene

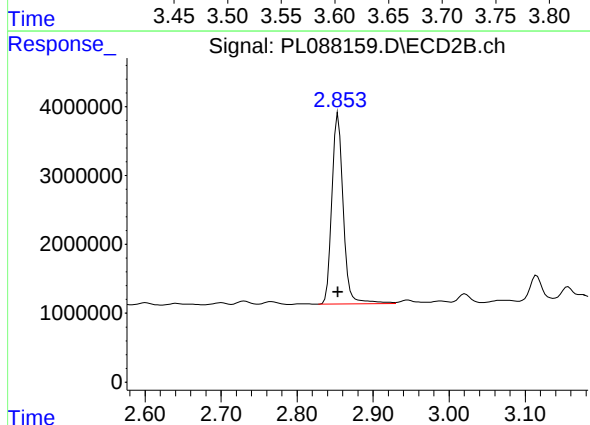
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 53766662
Conc: 19.57 ng/ml

Instrument :

ECD_L

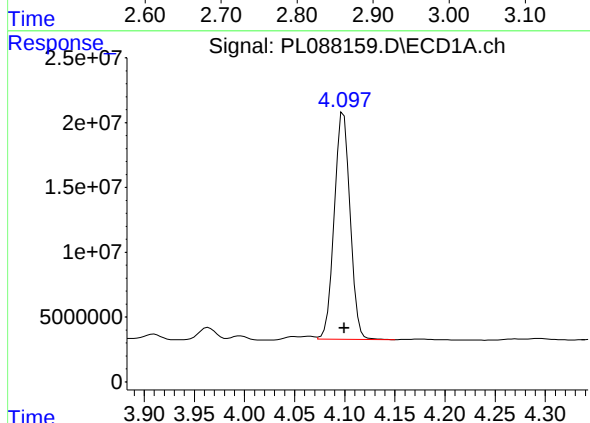
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



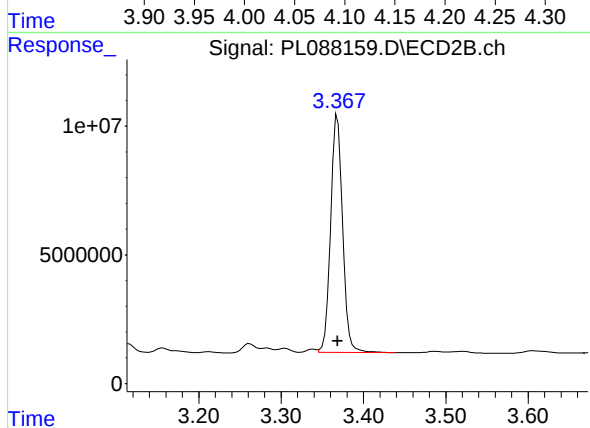
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 28730190
Conc: 20.48 ng/ml



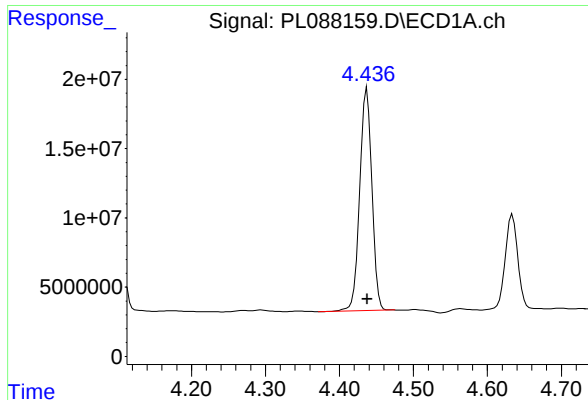
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 192447973
Conc: 46.10 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 93233236
Conc: 45.37 ng/ml



#3 gamma-BHC (Lindane)

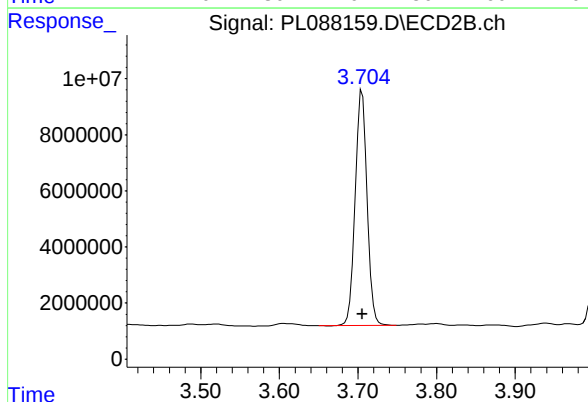
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 183590453
Conc: 45.34 ng/ml

Instrument :

ECD_L

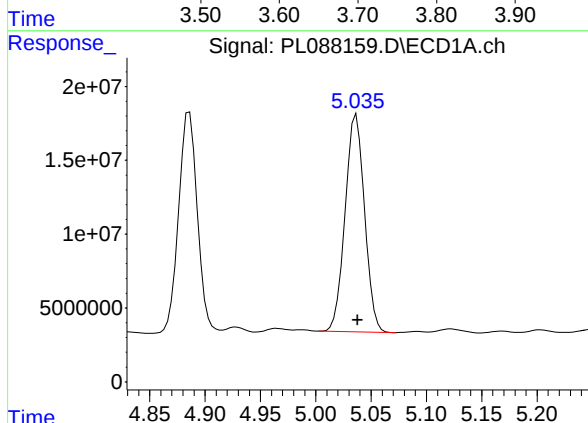
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



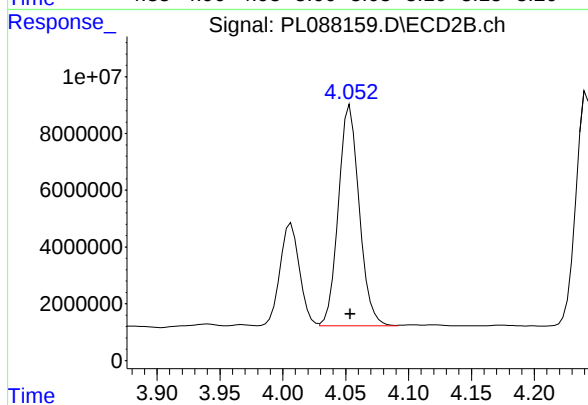
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 88511783
Conc: 44.20 ng/ml



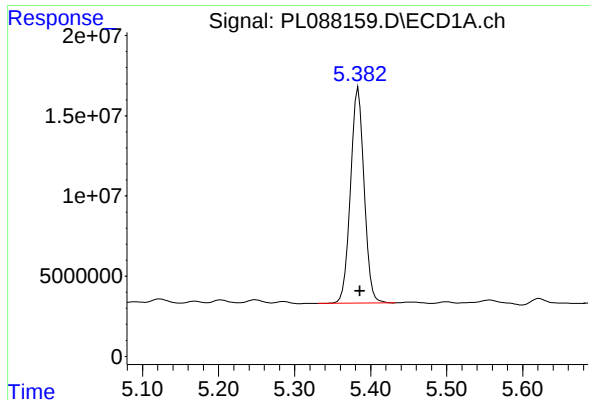
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 180320866
Conc: 46.86 ng/ml



#4 Heptachlor

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 89301840
Conc: 49.02 ng/ml



#5 Aldrin

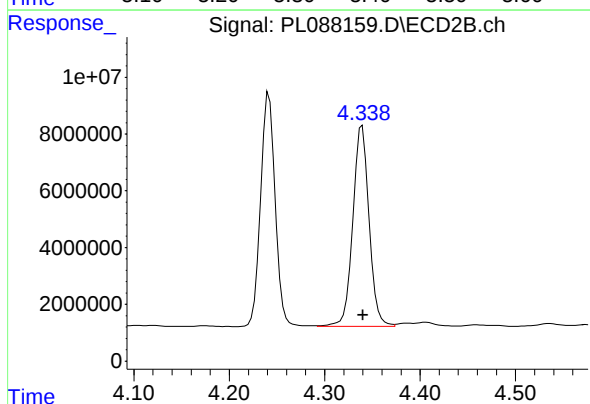
R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 168833327
Conc: 44.22 ng/ml

Instrument :

ECD_L

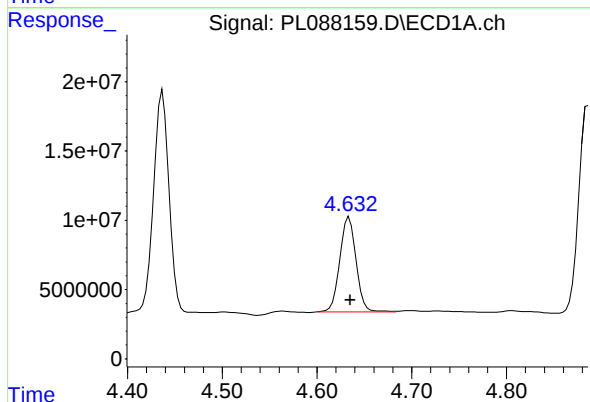
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



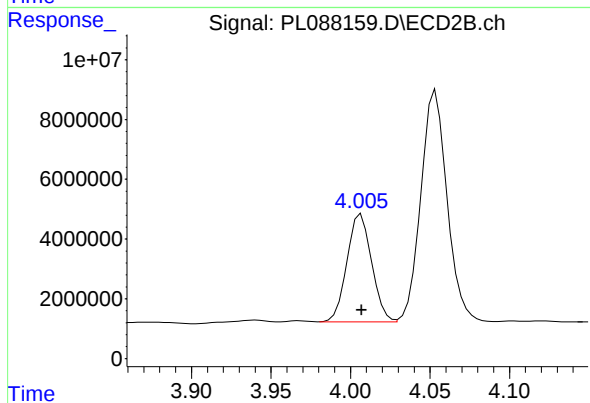
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 84587630
Conc: 43.61 ng/ml



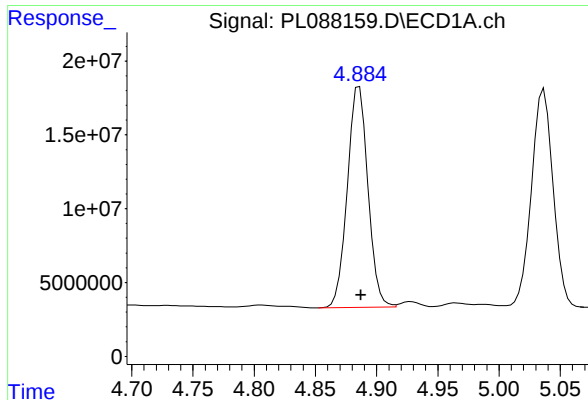
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 81489152
Conc: 46.79 ng/ml



#6 beta-BHC

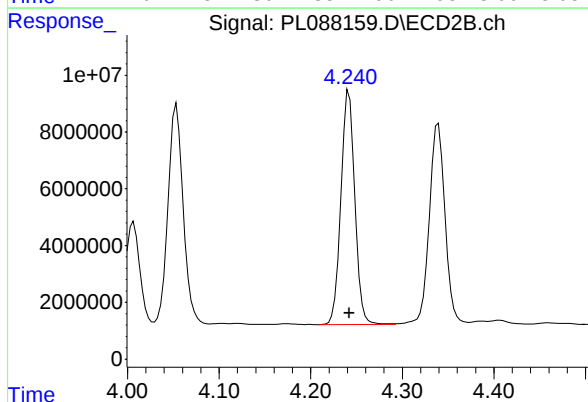
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 39035878
Conc: 43.86 ng/ml



#7 delta-BHC

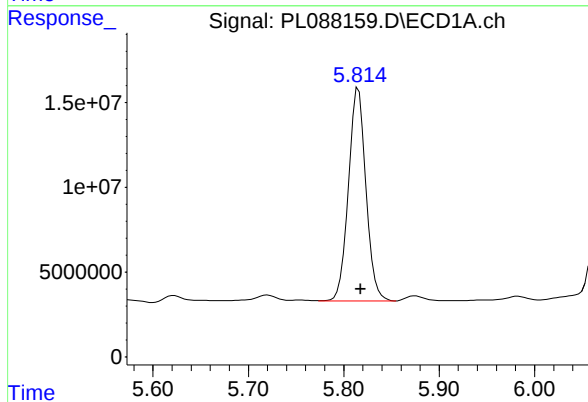
R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 175361426
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-MS



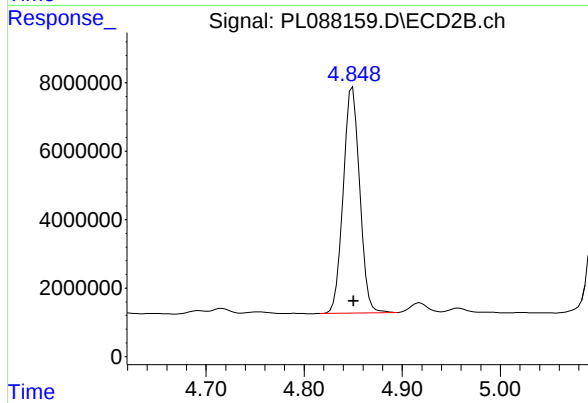
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 87234535
Conc: 43.73 ng/ml



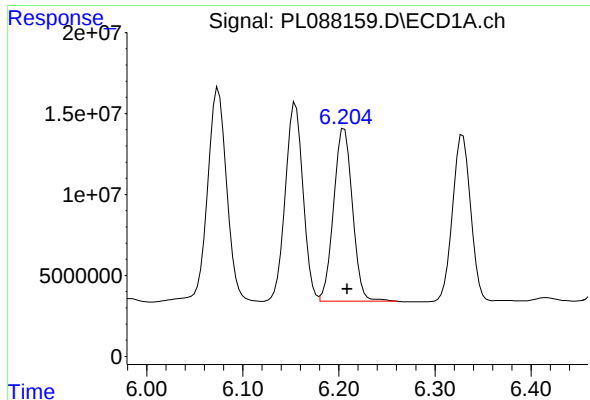
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 161033153
Conc: 45.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 77306562
Conc: 44.56 ng/ml



#9 Endosulfan I

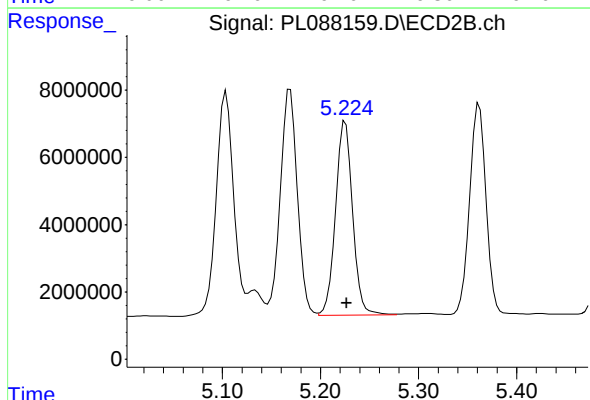
R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 143479480
Conc: 45.84 ng/ml

Instrument :

ECD_L

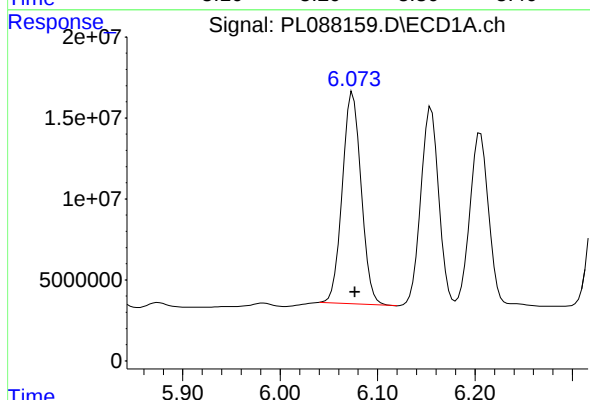
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



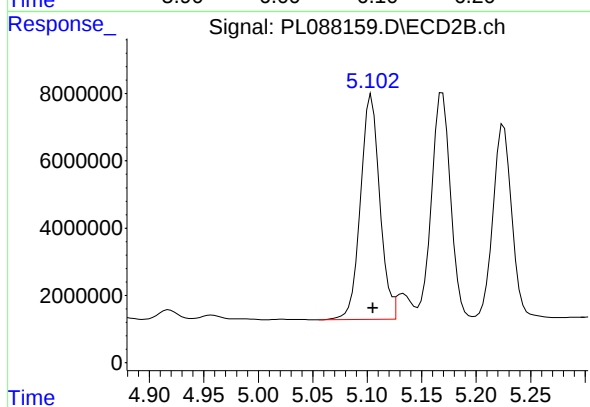
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 69830904
Conc: 43.40 ng/ml



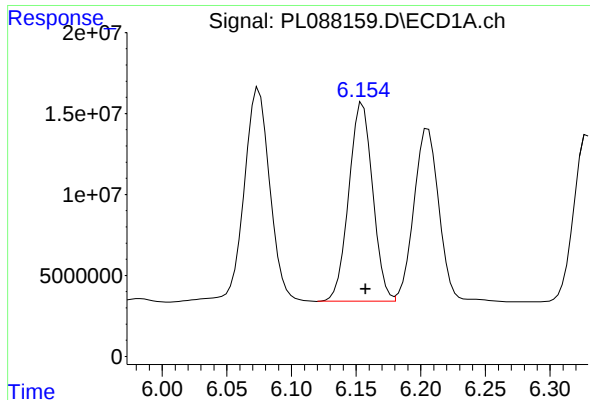
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 175600206
Conc: 51.67 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 82361826
Conc: 46.17 ng/ml



#11 alpha-Chlordane

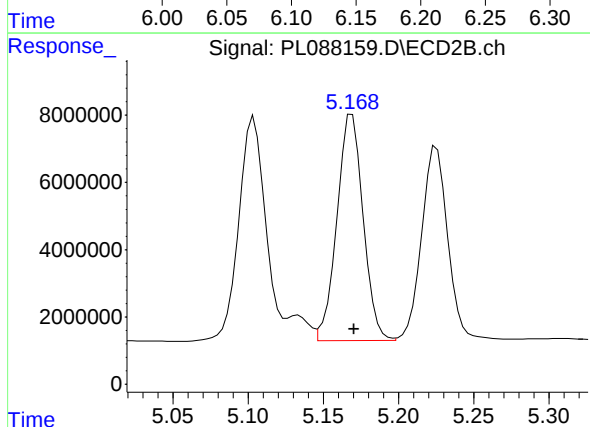
R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 157343802
Conc: 46.10 ng/ml

Instrument :

ECD_L

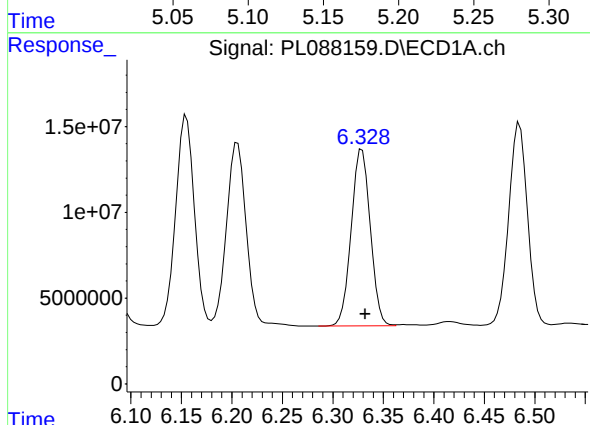
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



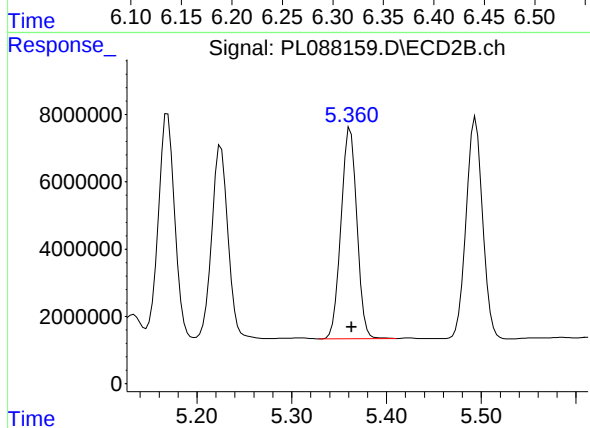
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 81608876
Conc: 45.81 ng/ml



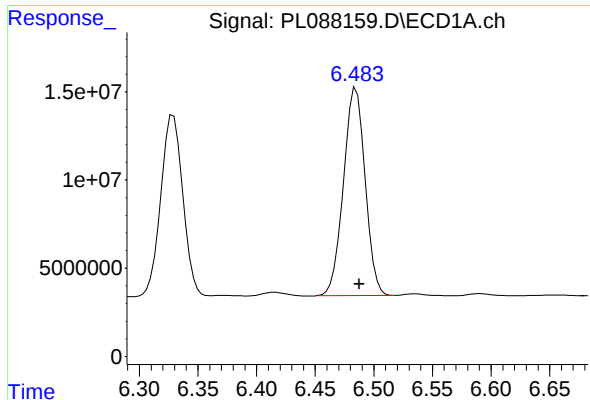
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 135300055
Conc: 44.61 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 72767148
Conc: 45.78 ng/ml



#13 Dieldrin

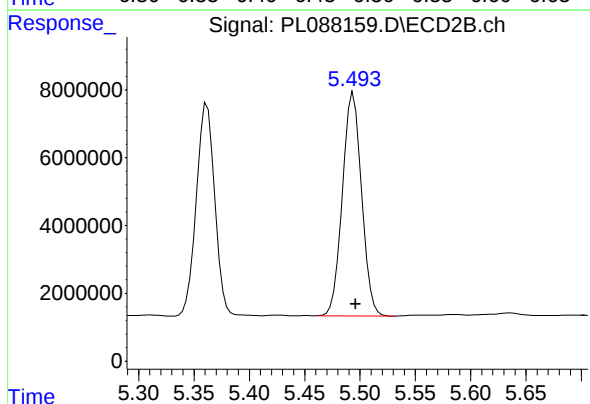
R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 151311075
Conc: 46.02 ng/ml

Instrument :

ECD_L

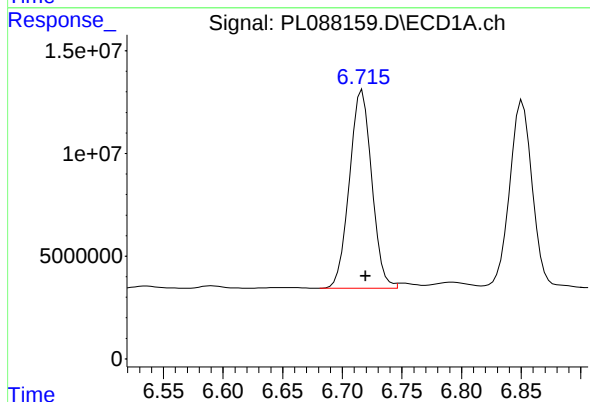
ClientSampleId :

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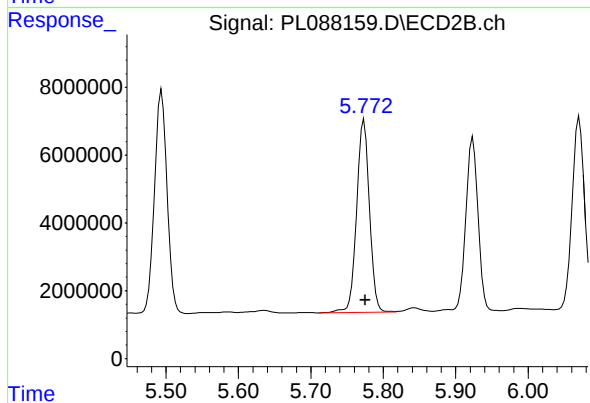
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 79490810
Conc: 46.07 ng/ml



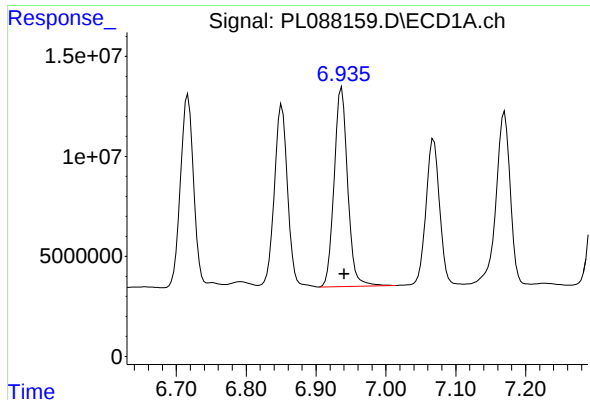
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.003 min
Response: 125784626
Conc: 48.37 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 69989848
Conc: 46.81 ng/ml



#15 Endosulfan II

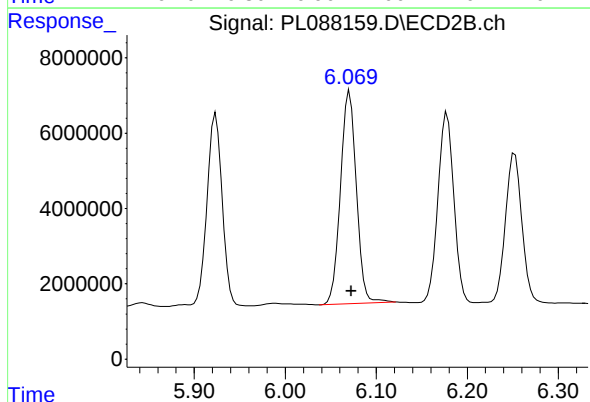
R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 133573373
Conc: 46.64 ng/ml

Instrument :

ECD_L

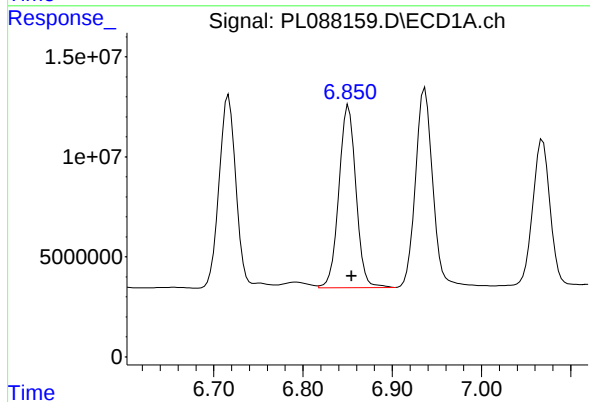
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



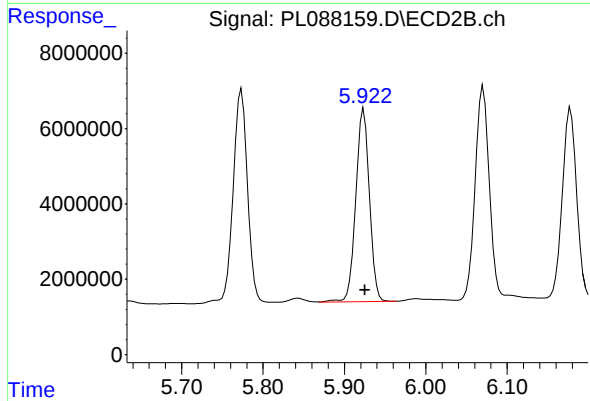
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 68666121
Conc: 45.07 ng/ml



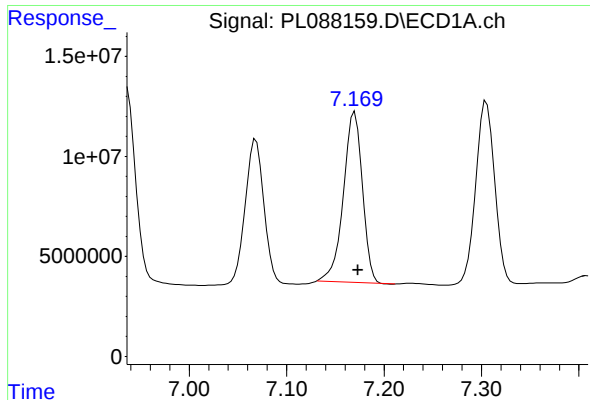
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 121155591
Conc: 46.71 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 60157039
Conc: 44.03 ng/ml



#17 4,4'-DDT

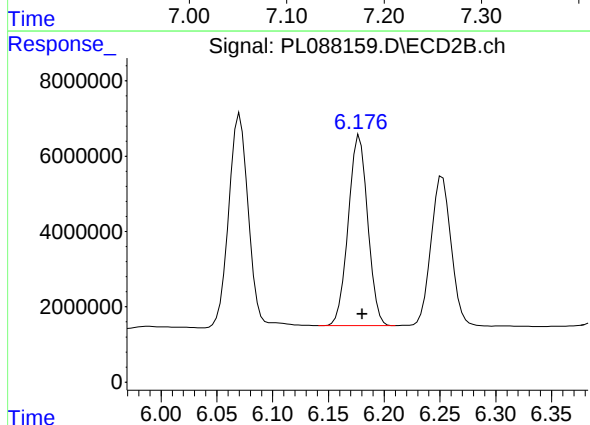
R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 115183265
Conc: 43.81 ng/ml

Instrument :

ECD_L

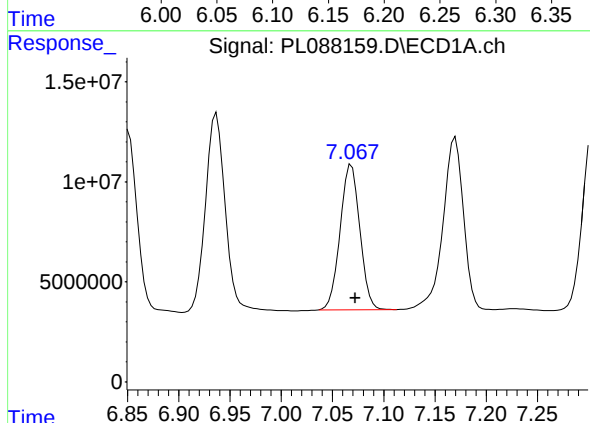
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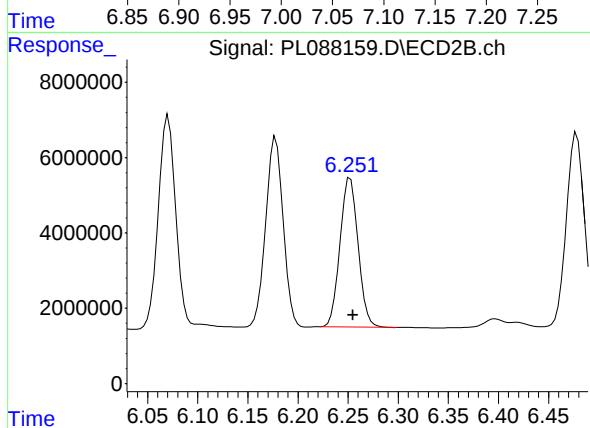
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 61348259
Conc: 44.94 ng/ml



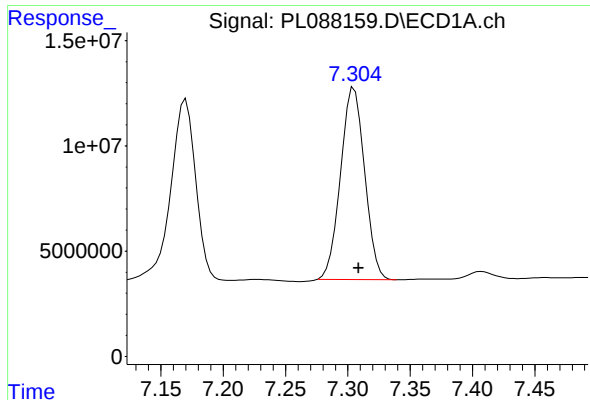
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.004 min
Response: 96784099
Conc: 46.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 49701798
Conc: 45.51 ng/ml



#19 Endosulfan Sulfate

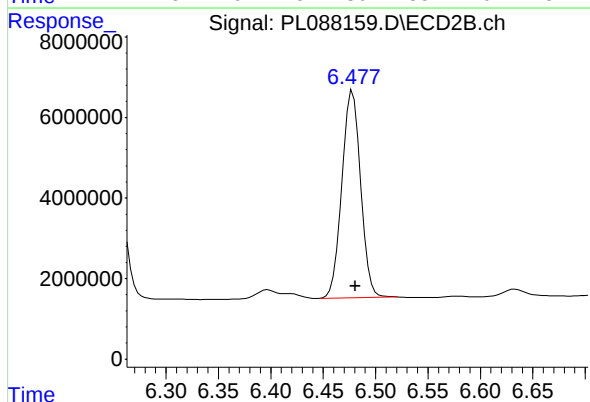
R.T.: 7.305 min
Delta R.T.: -0.004 min
Response: 122366918
Conc: 46.97 ng/ml

Instrument :

ECD_L

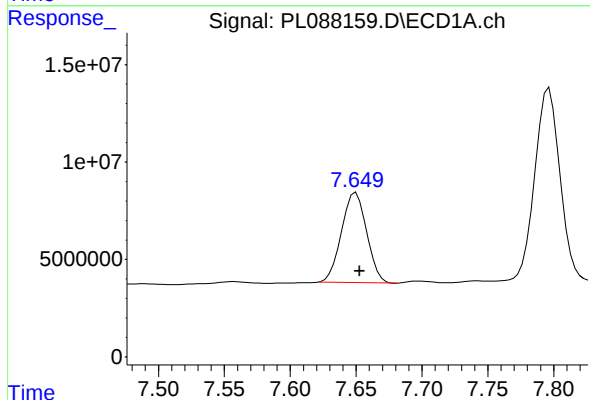
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



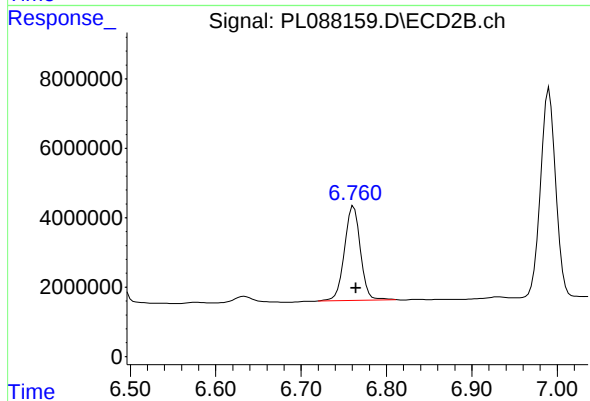
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 64255512
Conc: 45.75 ng/ml



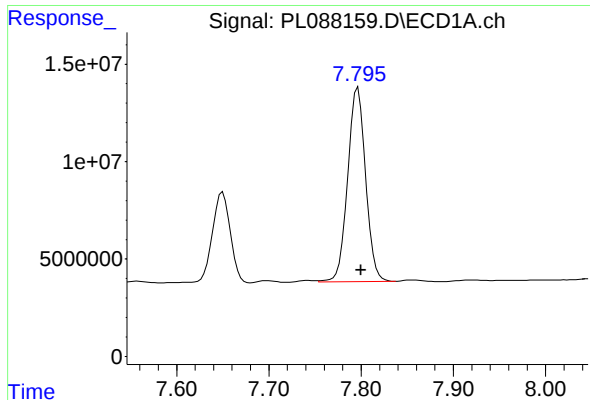
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 61468478
Conc: 46.44 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 35357479
Conc: 45.11 ng/ml



#21 Endrin ketone

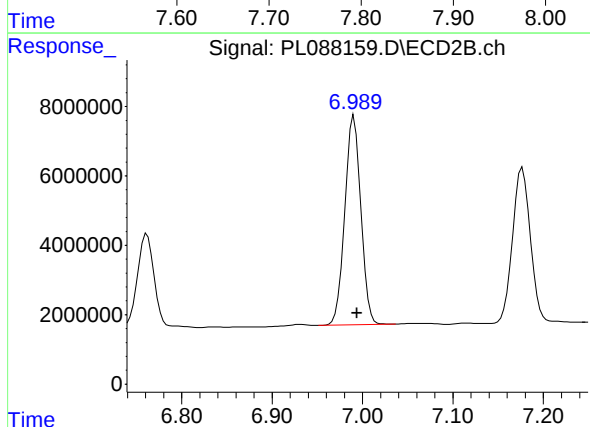
R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 134545197
Conc: 48.03 ng/ml

Instrument :

ECD_L

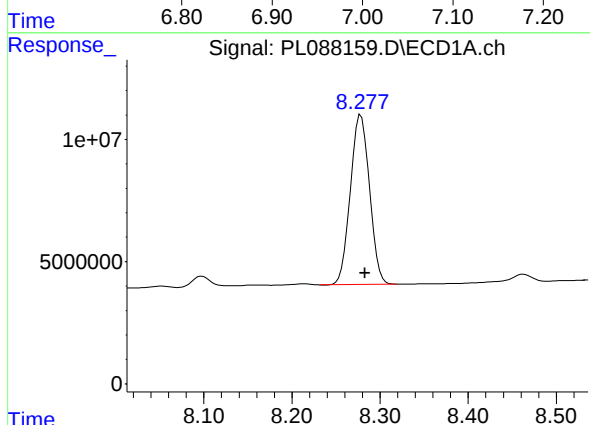
ClientSampleId :

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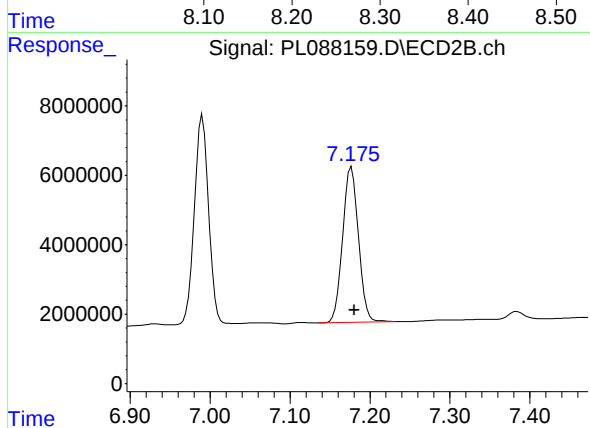
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 74364798
Conc: 44.42 ng/ml



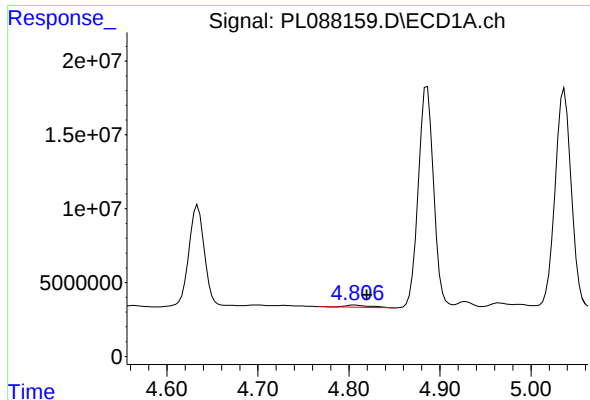
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 105089136
Conc: 45.35 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 61648997
Conc: 47.06 ng/ml



#23 Chlordane-1

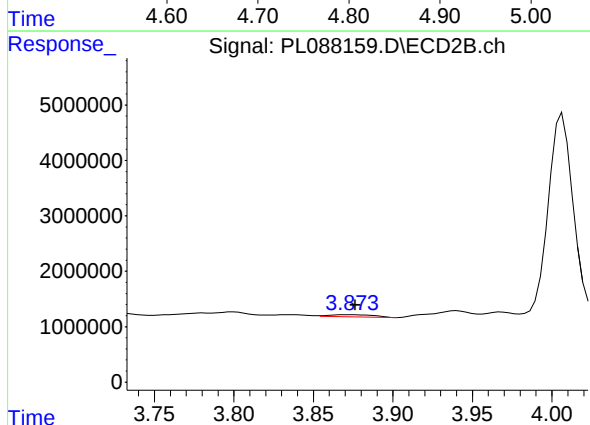
R.T.: 4.806 min
Delta R.T.: -0.013 min
Response: 2566572
Conc: 19.99 ng/ml

Instrument :

ECD_L

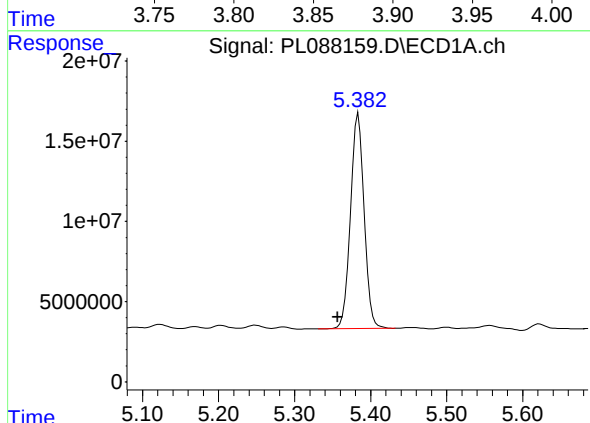
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



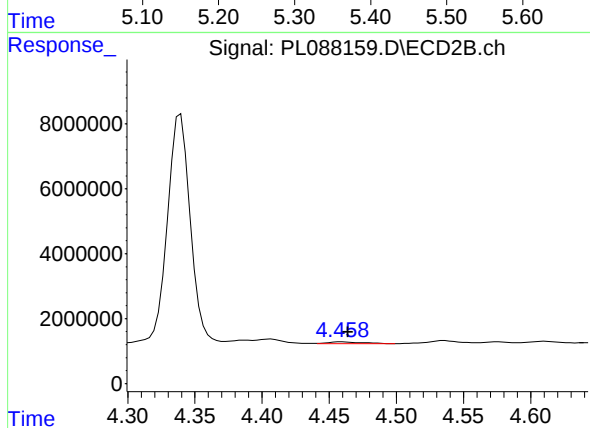
#23 Chlordane-1

R.T.: 3.871 min
Delta R.T.: -0.005 min
Response: 731024
Conc: 14.20 ng/ml



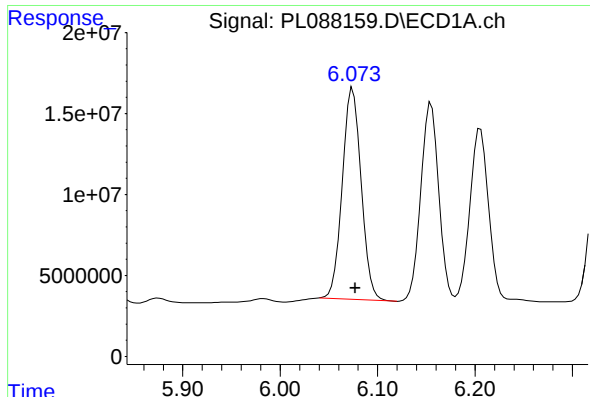
#24 Chlordane-2

R.T.: 5.384 min
Delta R.T.: 0.027 min
Response: 168833327
Conc: 1257.89 ng/ml



#24 Chlordane-2

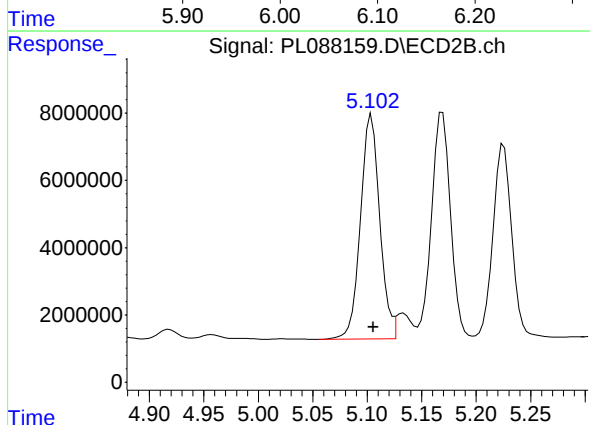
R.T.: 4.459 min
Delta R.T.: -0.005 min
Response: 1038890
Conc: 16.35 ng/ml



#25 Chlordane-3

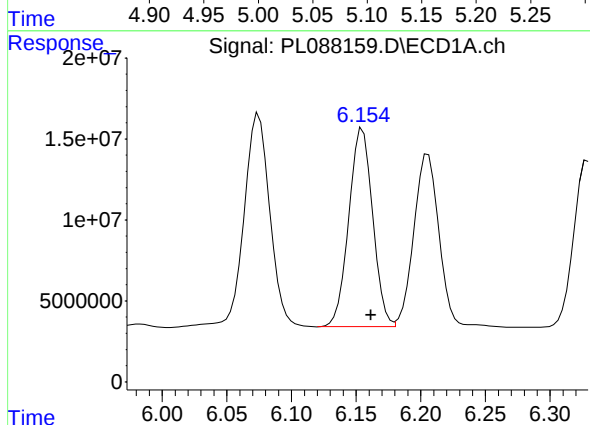
R.T.: 6.075 min
Delta R.T.: -0.003 min
Response: 175600206
Conc: 347.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-MS



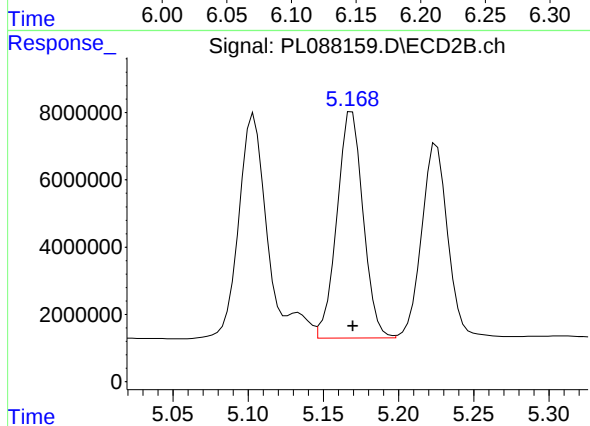
#25 Chlordane-3

R.T.: 5.104 min
Delta R.T.: -0.002 min
Response: 82361826
Conc: 442.34 ng/ml



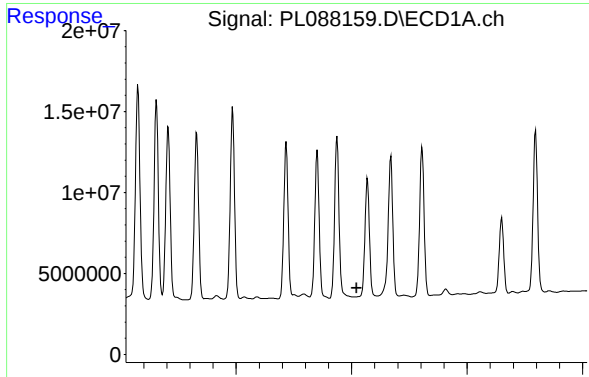
#26 Chlordane-4

R.T.: 6.155 min
Delta R.T.: -0.007 min
Response: 157343802
Conc: 256.28 ng/ml



#26 Chlordane-4

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 81608876
Conc: 471.94 ng/ml



#27 Chlordane-5

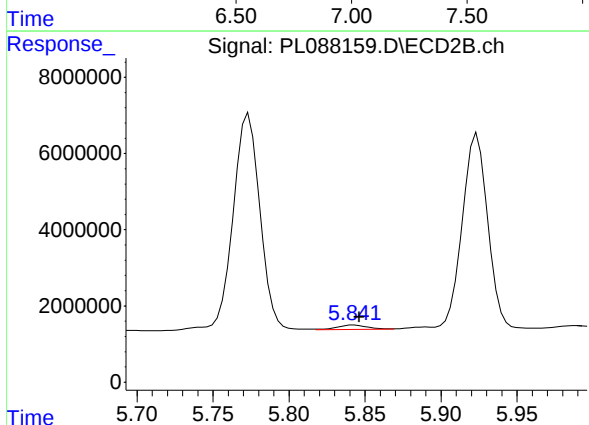
R.T.: 0.000 min
Exp R.T.: 7.022 min
Response: 0
Conc: N.D.

Instrument :

ECD_L

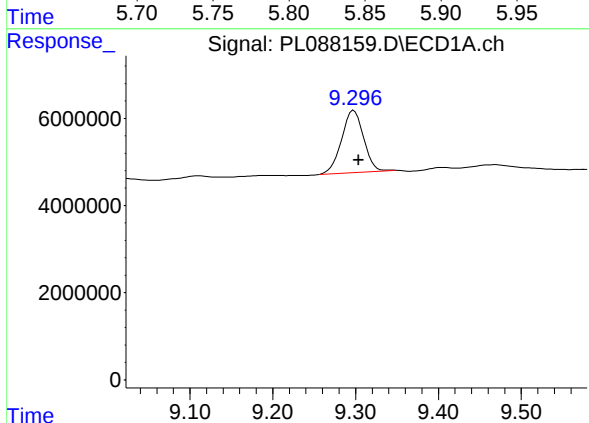
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-MS



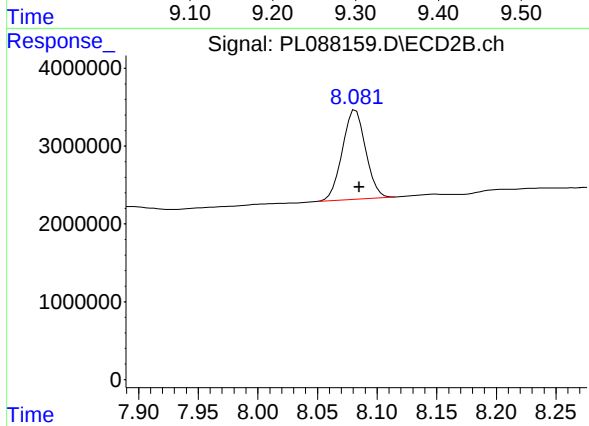
#27 Chlordane-5

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 1586937
Conc: 30.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.006 min
Response: 26584179
Conc: 13.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 15644061
Conc: 12.29 ng/ml