

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 19:32
 Operator : AR\AJ
 Sample : P1539-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 00:02:32 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	55512901	28658856	20.211	20.434
28)	SA Decachlor...	9.300	8.083	38342813	22248468	19.909	17.473
Target Compounds							
2)	A alpha-BHC	4.100	3.368	169.5E6	85613949	40.615	41.665
3)	MA gamma-BHC...	4.438	3.705	154.0E6	83124900	38.034	41.510
4)	MA Heptachlor	5.038	4.053	173.4E6	82715220	45.058	45.404
5)	MB Aldrin	5.385	4.339	158.7E6	77395960	41.567	39.906
6)	B beta-BHC	4.635	4.006	81380204	39283449	46.726	44.135
7)	B delta-BHC	4.887	4.241	122.3E6	59035658	32.138	29.595
8)	B Heptachlo...	5.817	4.849	160.8E6	76227861	45.897	43.941
9)	A Endosulfan I	6.207	5.225	48098176	24145397	15.367	15.006
10)	B gamma-Chl...	6.077	5.104	179.2E6	80770675	52.735	45.280
11)	B alpha-Chl...	6.157	5.169	156.7E6	79739227	45.911	44.761
12)	B 4,4'-DDE	6.330	5.362	139.2E6	70016349	45.902	44.052
13)	MA Dieldrin	6.486	5.495	151.7E6	78477585	46.126	45.485
14)	MA Endrin	6.718	5.773	132.6E6	73252780	50.985	48.994
15)	B Endosulfa...	6.938	6.069	28365349	14060419	9.904m	9.230m
16)	A 4,4'-DDD	6.853	5.923	120.1E6	72315145	46.306	52.931
17)	MA 4,4'-DDT	7.171	6.179	122.9E6	64742944	46.745	47.423
18)	B Endrin al...	7.070	6.253	85737835	43910781	41.466	40.205
19)	B Endosulfa...	7.307	6.479	119.6E6	63431869	45.925	45.165
20)	A Methoxychlor	7.652	6.762	67913120	38790744	51.305	49.493
21)	B Endrin ke...	7.799	6.991	136.0E6	75248178	48.561	44.946
22)	Mirex	8.280	7.177	102.2E6	60747078	44.112	46.368

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
Data File : PL088303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 19:32
Operator : AR\AJ
Sample : P1539-07MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

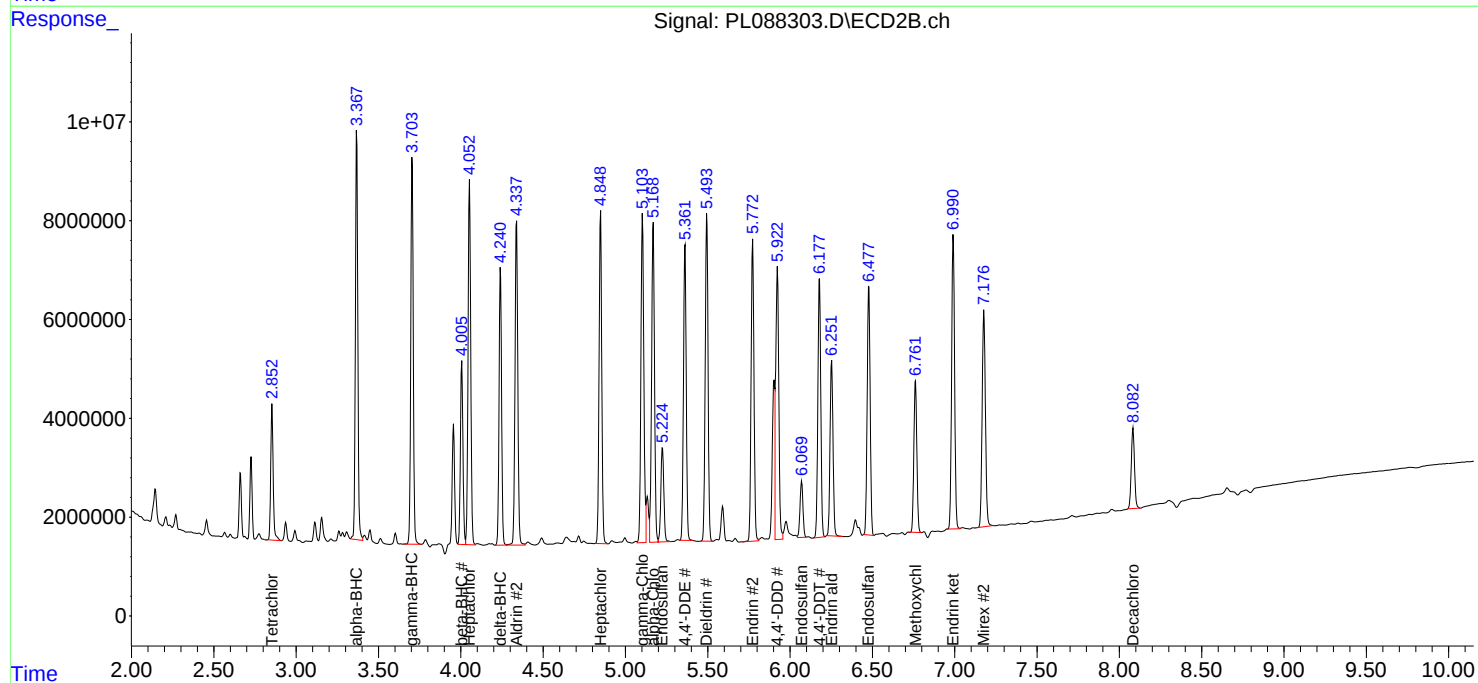
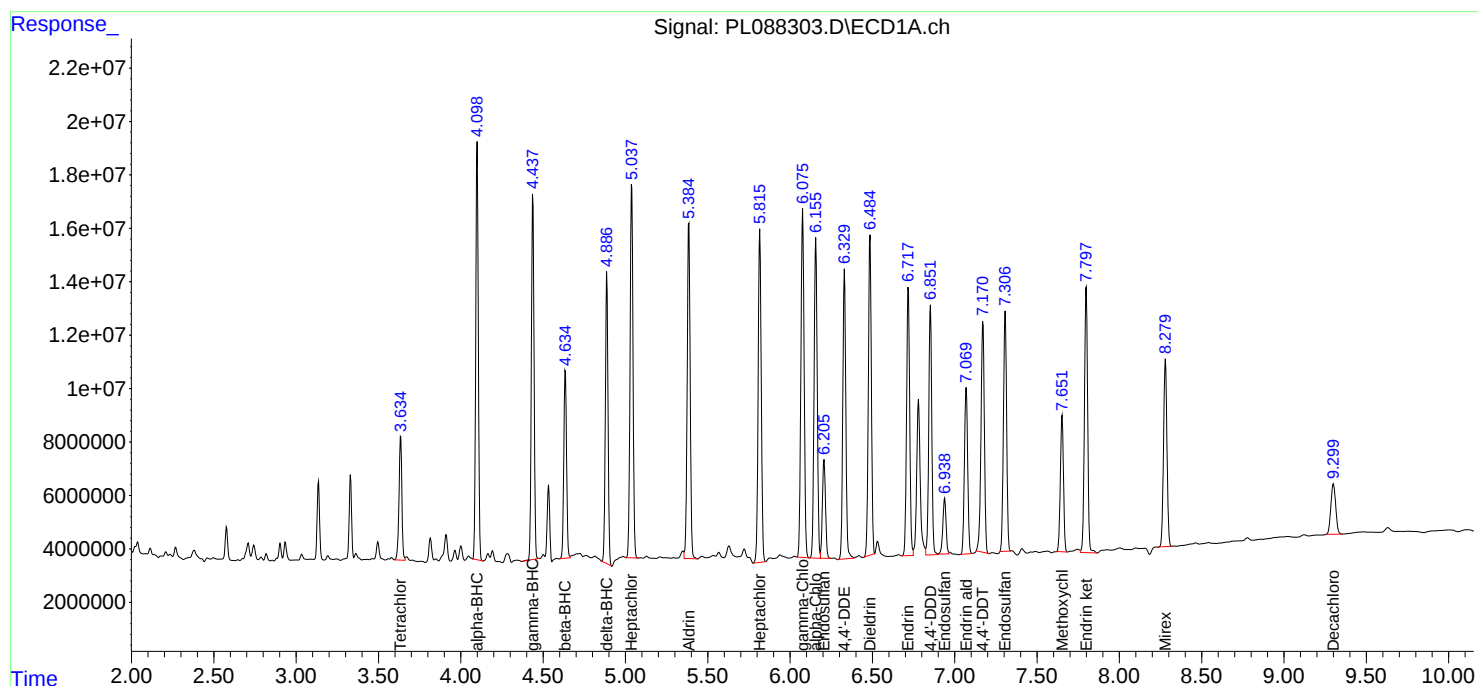
Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

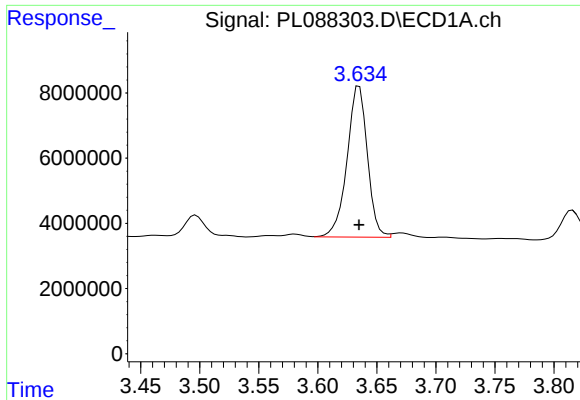
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 00:02:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





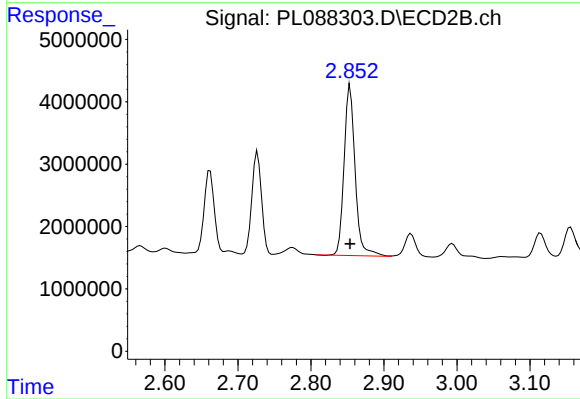
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 55512901
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

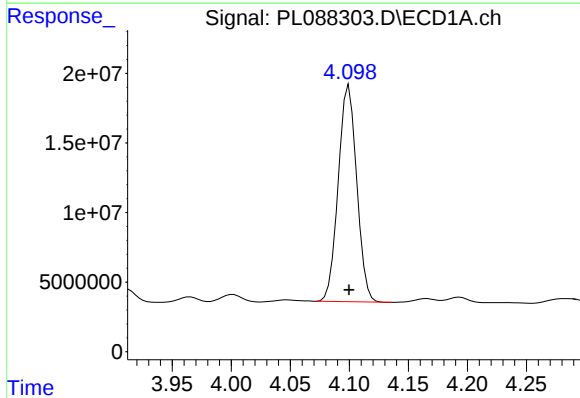
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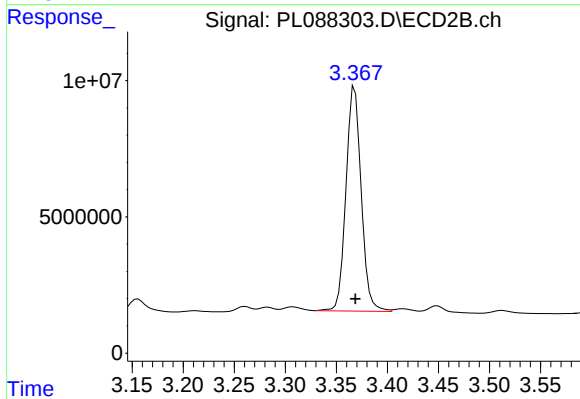
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 28658856
Conc: 20.43 ng/ml



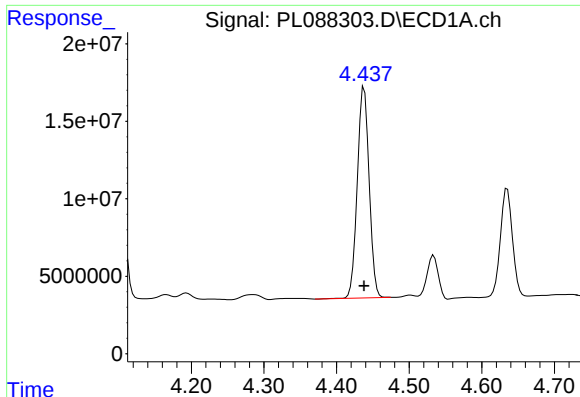
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 169535883
Conc: 40.61 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 85613949
Conc: 41.66 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 154020155
Conc: 38.03 ng/ml

Instrument :

ECD_L

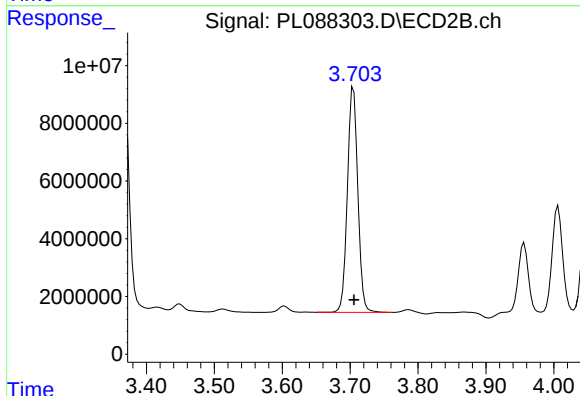
ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations

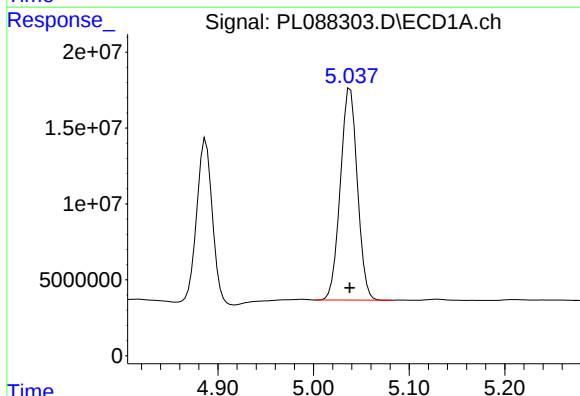
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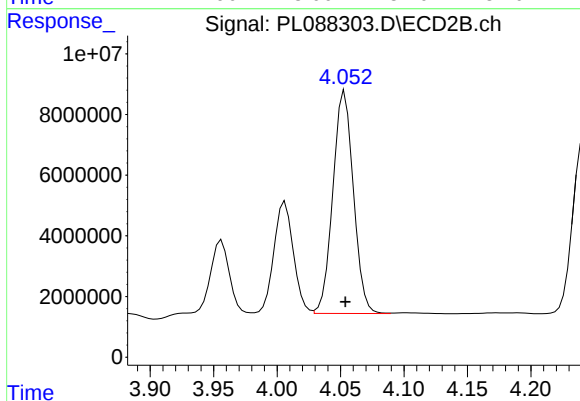
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 83124900
Conc: 41.51 ng/ml



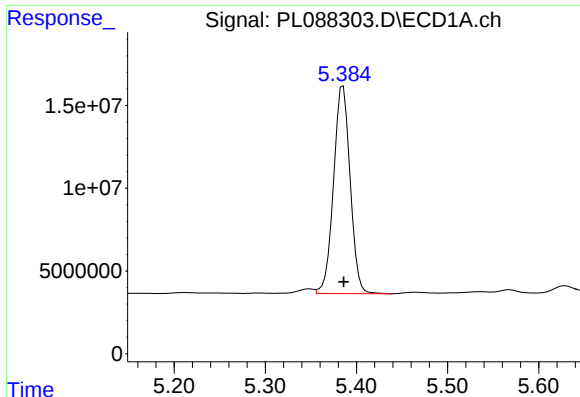
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 173397000
Conc: 45.06 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 82715220
Conc: 45.40 ng/ml



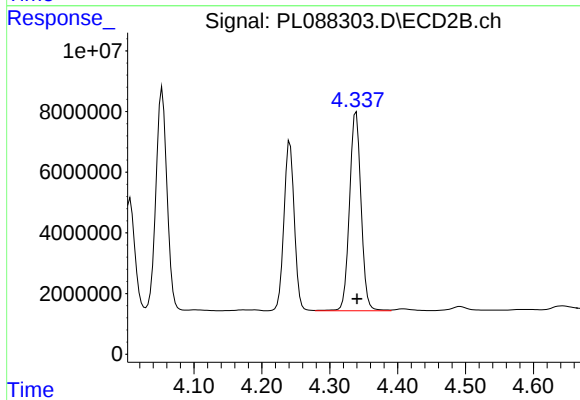
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 158717992
Conc: 41.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

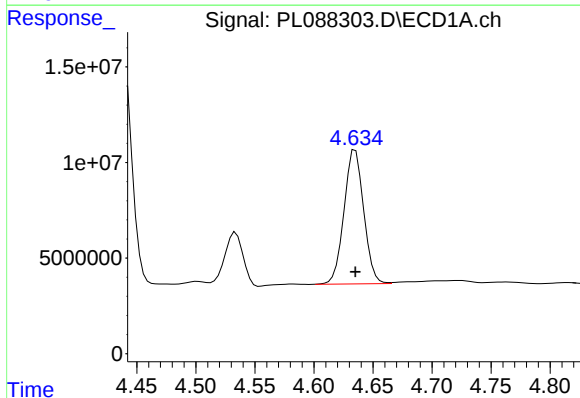
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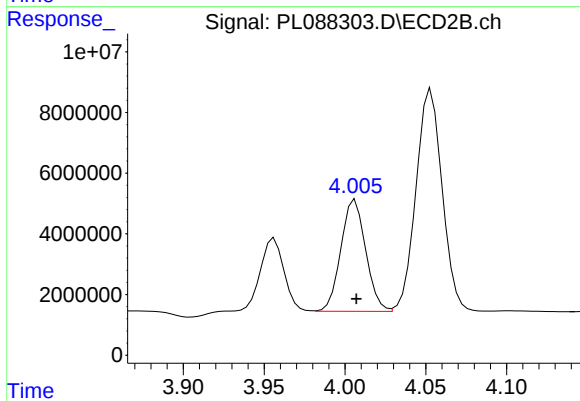
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: -0.001 min
Response: 77395960
Conc: 39.91 ng/ml



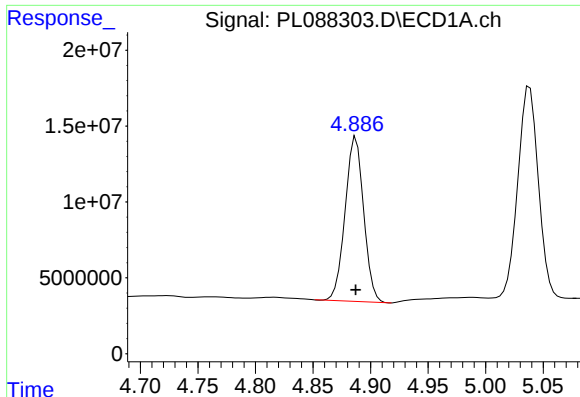
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 81380204
Conc: 46.73 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 39283449
Conc: 44.13 ng/ml



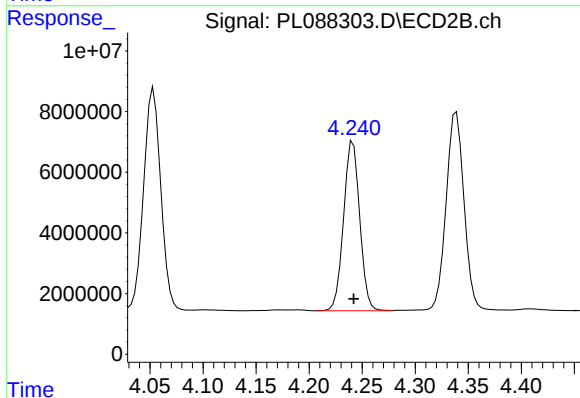
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 122277821
Conc: 32.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

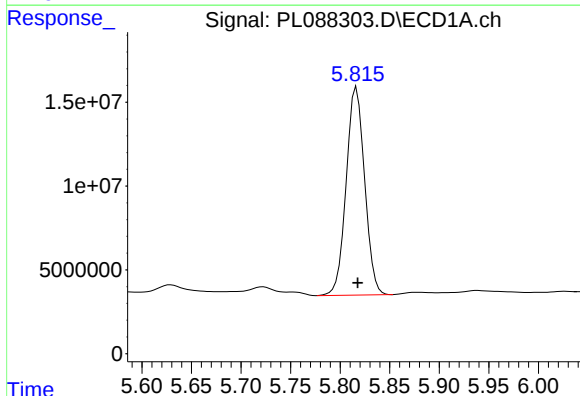
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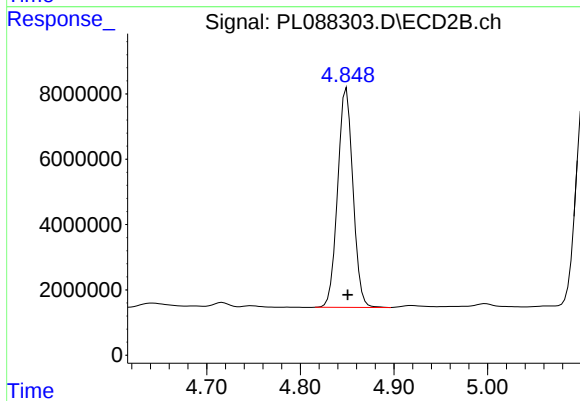
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 59035658
Conc: 29.59 ng/ml



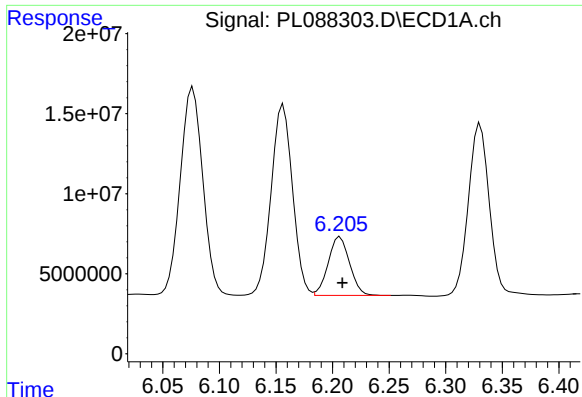
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: -0.001 min
Response: 160807268
Conc: 45.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 76227861
Conc: 43.94 ng/ml



#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 48098176
Conc: 15.37 ng/ml

Instrument :

ECD_L

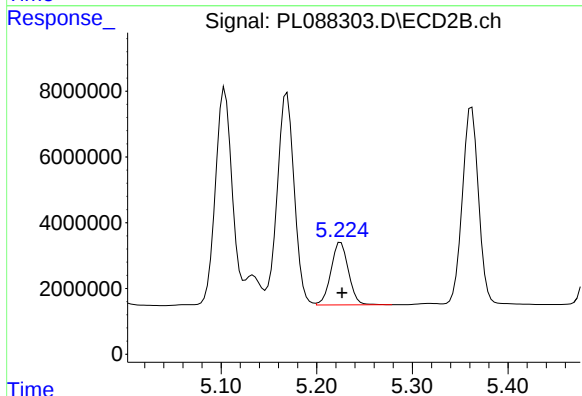
ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations

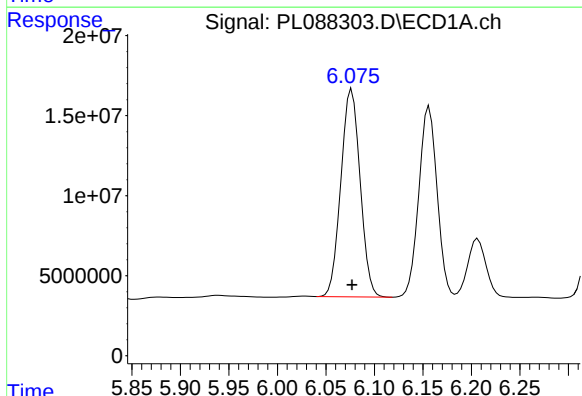
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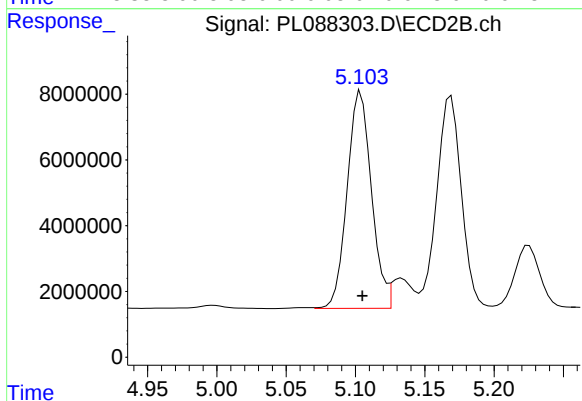
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 24145397
Conc: 15.01 ng/ml



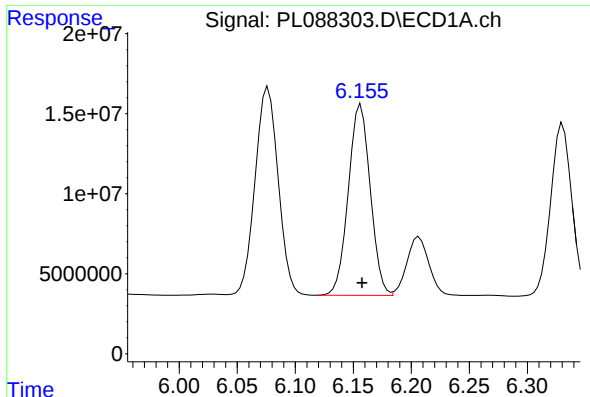
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 179211130
Conc: 52.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 80770675
Conc: 45.28 ng/ml



#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 156683655
Conc: 45.91 ng/ml

Instrument :

ECD_L

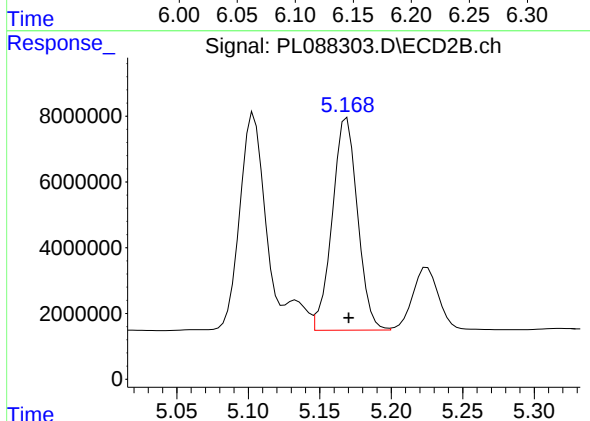
ClientSampleId :

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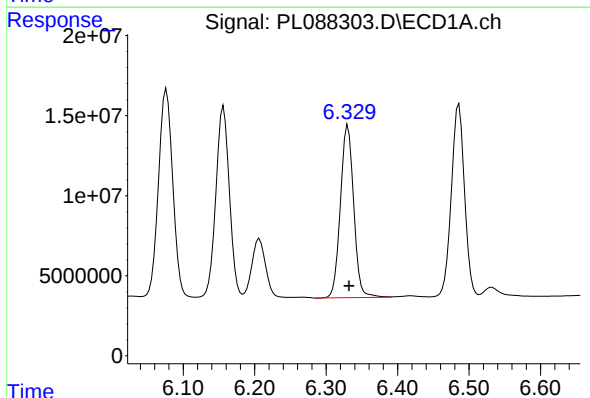
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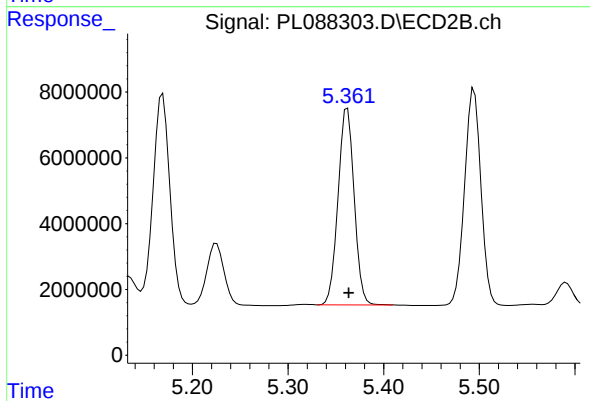
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 79739227
Conc: 44.76 ng/ml



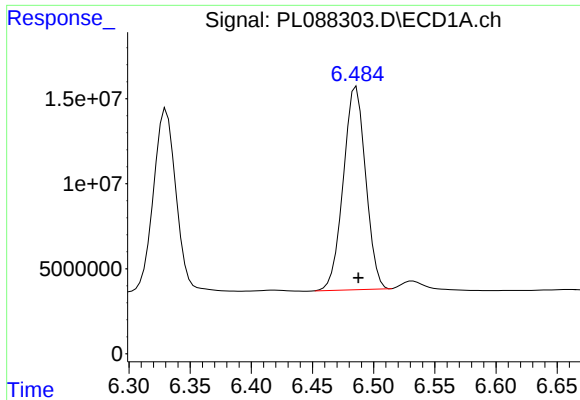
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 139214593
Conc: 45.90 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 70016349
Conc: 44.05 ng/ml



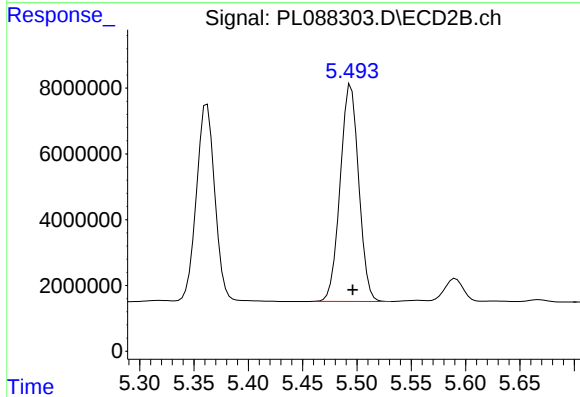
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 151669580
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

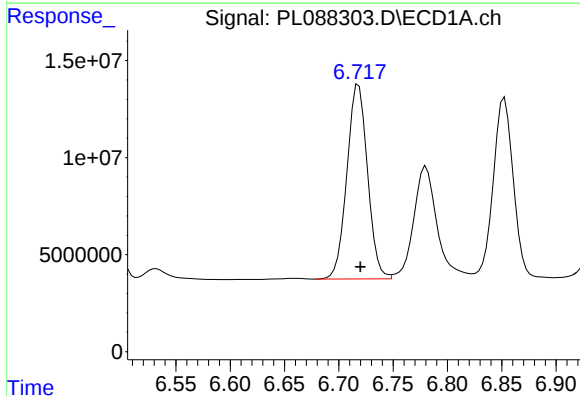
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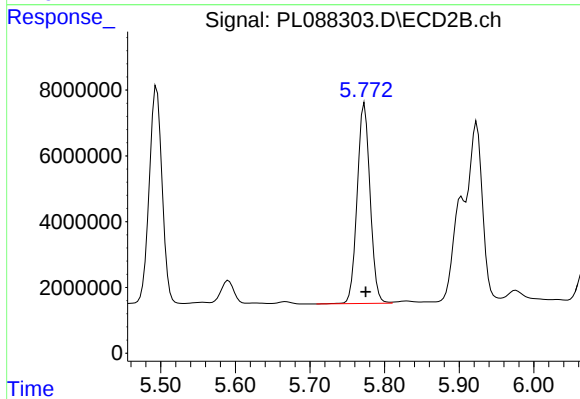
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 78477585
Conc: 45.48 ng/ml



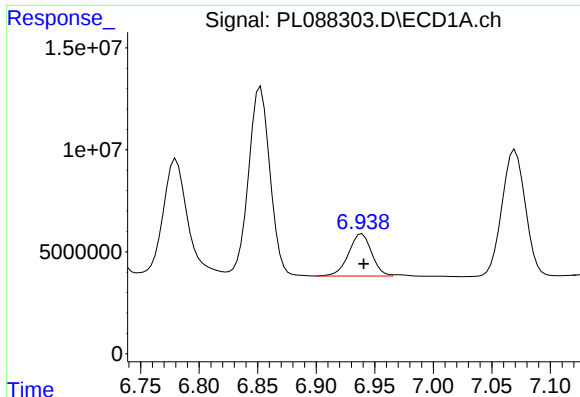
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 132591880
Conc: 50.98 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 73252780
Conc: 48.99 ng/ml



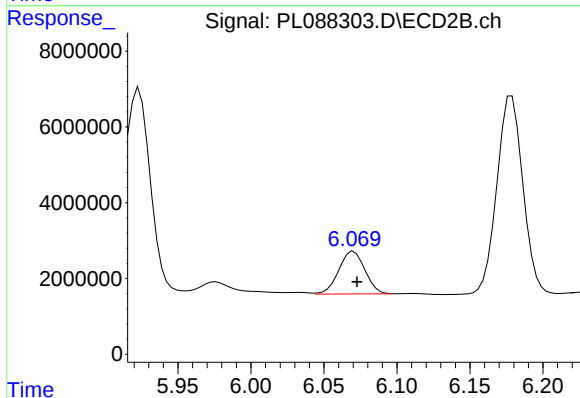
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 28365349
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

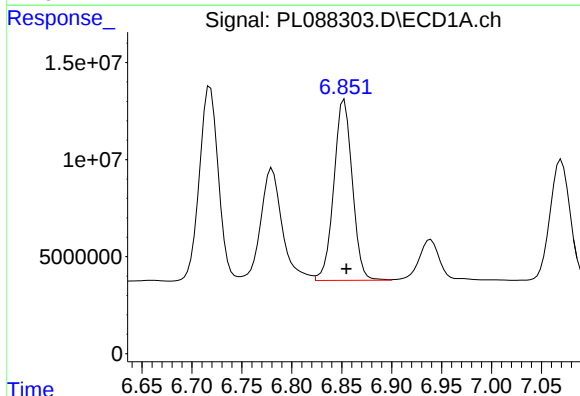
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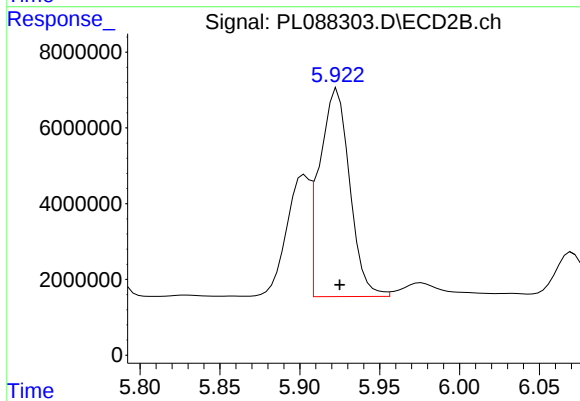
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 14060419
Conc: 9.23 ng/ml m



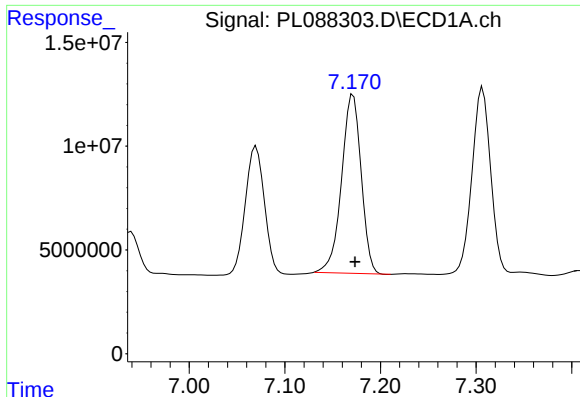
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 120102515
Conc: 46.31 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 72315145
Conc: 52.93 ng/ml



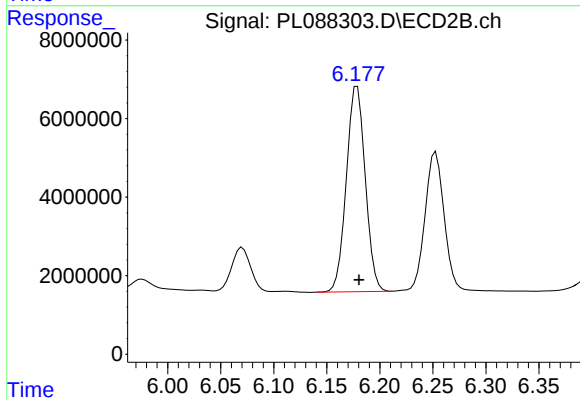
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 122902754
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

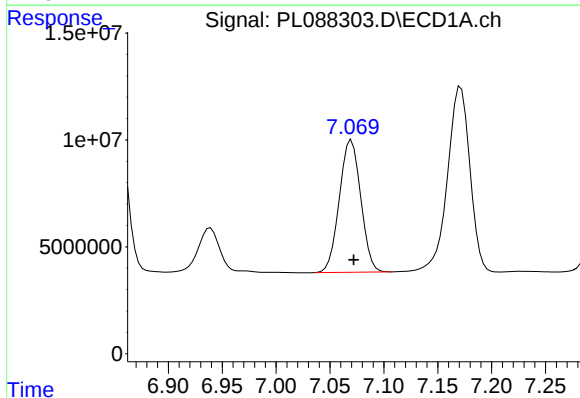
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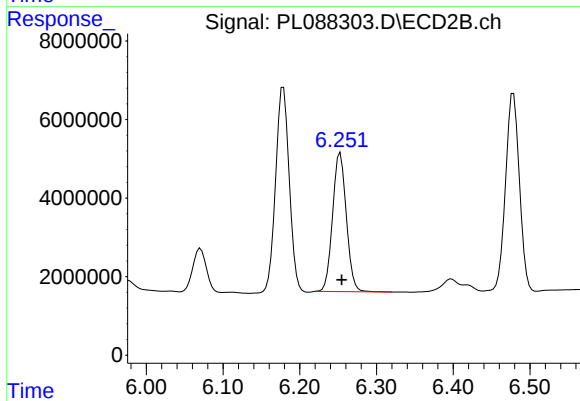
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 64742944
Conc: 47.42 ng/ml



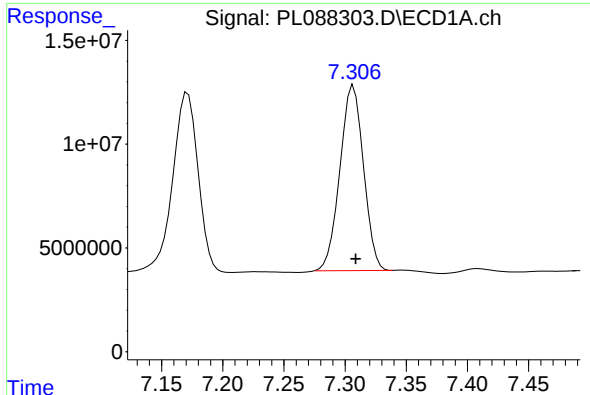
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 85737835
Conc: 41.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 43910781
Conc: 40.21 ng/ml



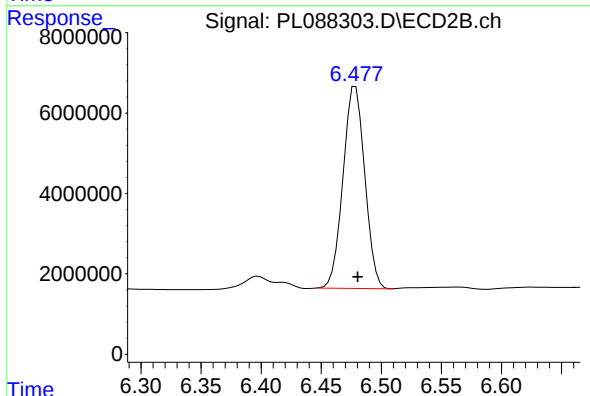
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 119642738
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

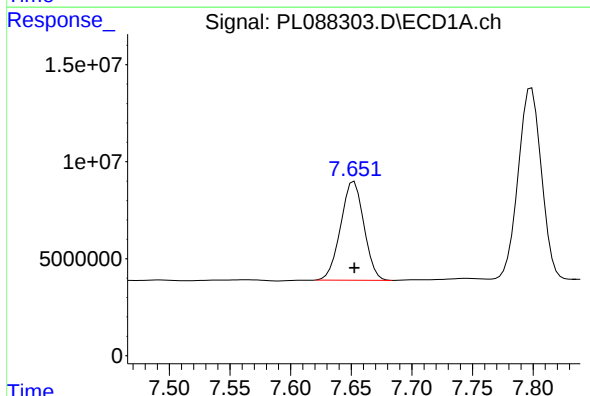
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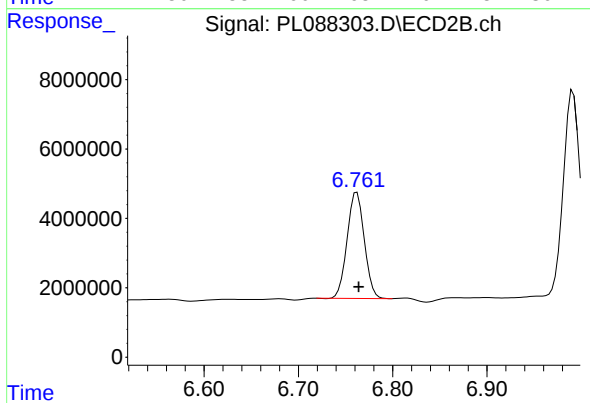
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 63431869
Conc: 45.17 ng/ml



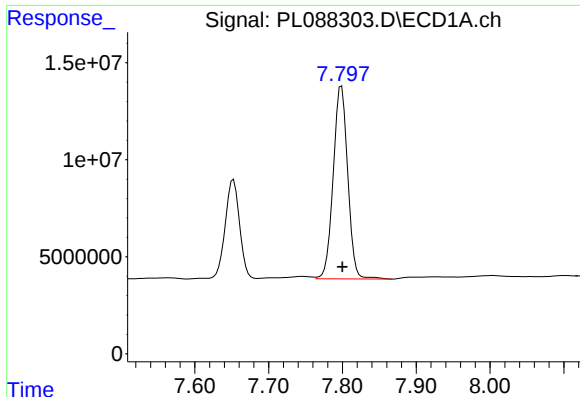
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 67913120
Conc: 51.31 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 38790744
Conc: 49.49 ng/ml



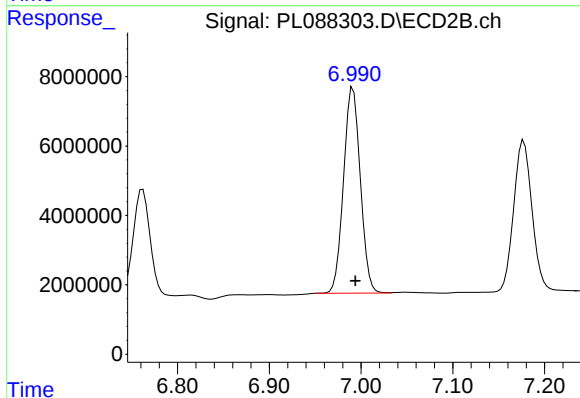
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 136026695
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

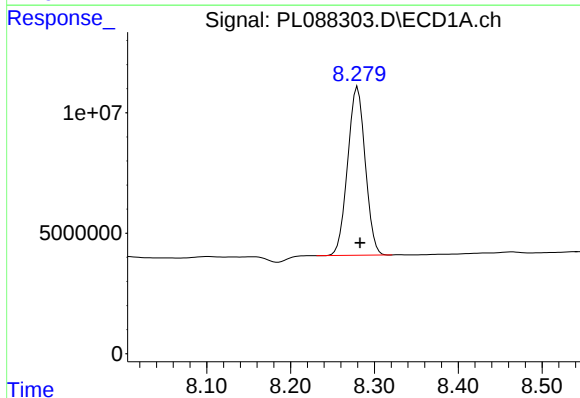
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2024
Supervised By :Ankita Jodhani 02/27/2024



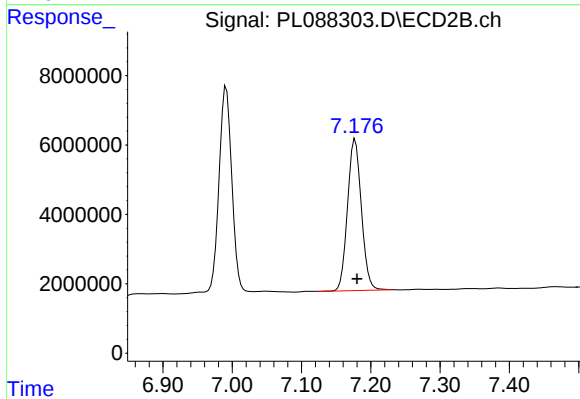
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 75248178
Conc: 44.95 ng/ml



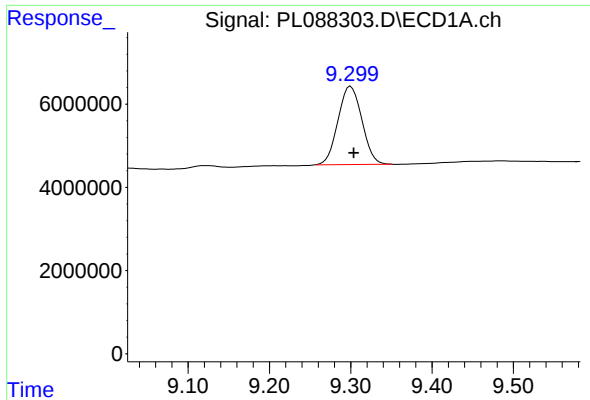
#22 Mirex

R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 102216111
Conc: 44.11 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 60747078
Conc: 46.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 38342813
Conc: 19.91 ng/ml

Instrument :

ECD_L

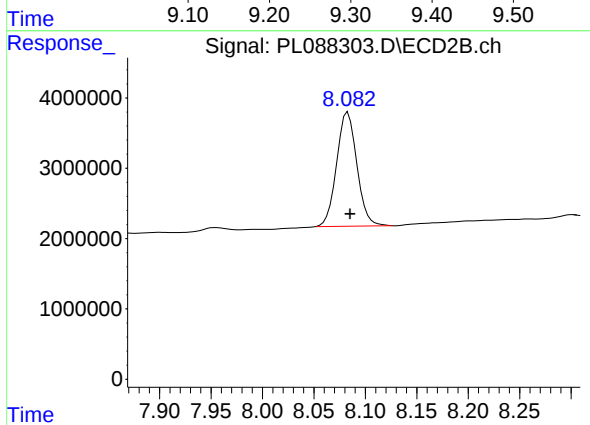
ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 22248468
Conc: 17.47 ng/ml