

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 18:18
 Operator : AR\AJ
 Sample : P1538-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 21:06:52 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	52794576	26051914	19.221	18.575
28)	SA Decachlor...	9.304	8.085	27970734	19256113	14.523m	15.123
Target Compounds							
2)	A alpha-BHC	4.099	3.369	201.1E6	98834247	48.165	48.099
3)	MA gamma-BHC...	4.438	3.705	191.4E6	94405871	47.269	47.143
4)	MA Heptachlor	5.038	4.054	193.8E6	94060486	50.355	51.632
5)	MB Aldrin	5.385	4.339	180.4E6	88799915	47.237	45.786
6)	B beta-BHC	4.635	4.007	84998116	41558313	48.804	46.691
7)	B delta-BHC	4.887	4.242	167.2E6	81483809	43.951	40.848
8)	B Heptachlo...	5.817	4.850	168.3E6	81165424	48.044	46.788
9)	A Endosulfan I	6.208	5.226	152.0E6	78599826	48.550	48.848
10)	B gamma-Chl...	6.077	5.105	170.2E6	89219758	50.069	50.017
11)	B alpha-Chl...	6.157	5.170	169.1E6	87328765	49.550	49.021
12)	B 4,4'-DDE	6.331	5.362	148.9E6	77278478	49.111	48.621
13)	MA Dieldrin	6.487	5.495	163.7E6	83756645	49.787	48.544
14)	MA Endrin	6.719	5.775	120.3E6	76330459	46.276	51.052
15)	B Endosulfa...	6.940	6.073	142.0E6	74236279	49.593	48.730
16)	A 4,4'-DDD	6.854	5.925	125.1E6	64491411	48.237	47.204
17)	MA 4,4'-DDT	7.172	6.180	111.1E6	69301049	42.274	50.761
18)	B Endrin al...	7.071	6.255	106.7E6	55111839	51.601	50.461
19)	B Endosulfa...	7.308	6.481	132.0E6	68945679	50.659	49.091
20)	A Methoxychlor	7.653	6.764	75111403	40851164	56.743	52.122
21)	B Endrin ke...	7.800	6.994	144.6E6	82334220	51.628	49.178
22)	Mirex	8.282	7.178	115.6E6	68099428	49.883	51.980m

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

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Data File : PL088229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2024 18:18
Operator : AR\AJ
Sample : P1538-08MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

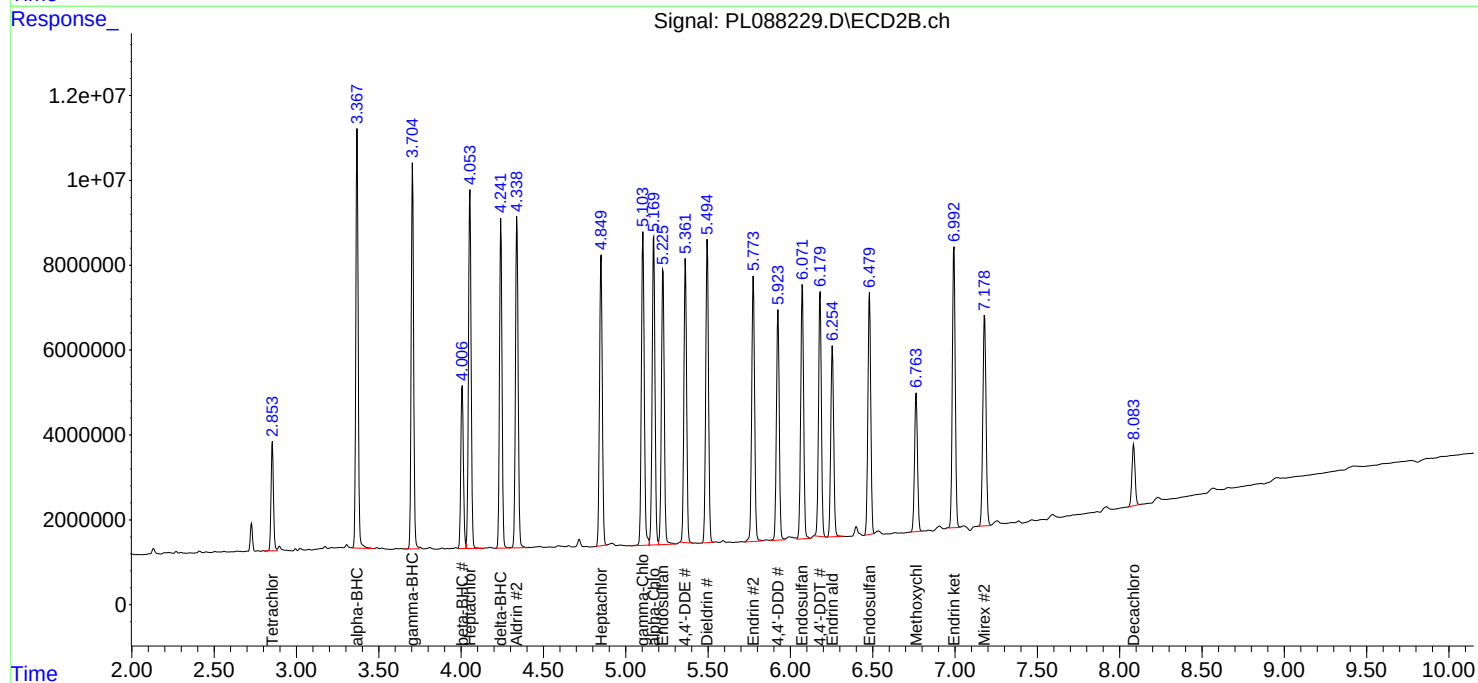
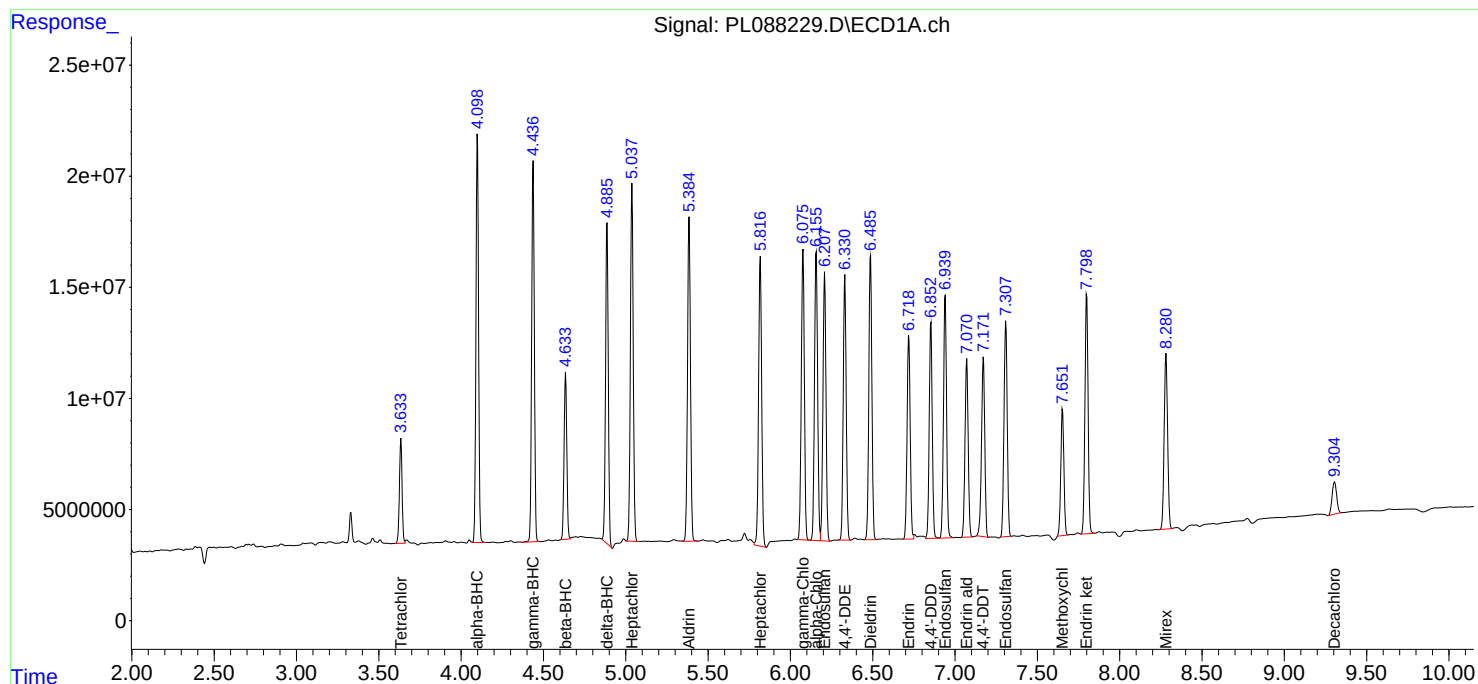
Instrument :
ECD_L
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

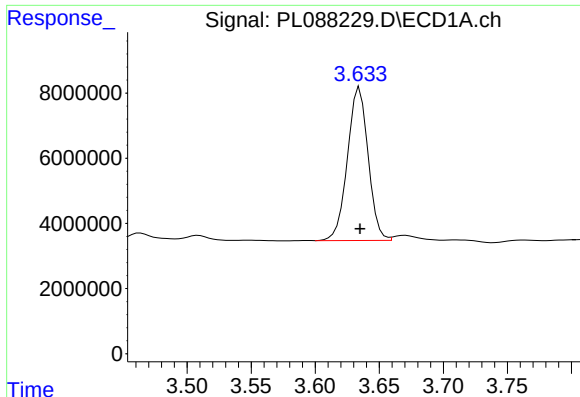
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 21:06:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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Volume Inj. : 1 µl
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





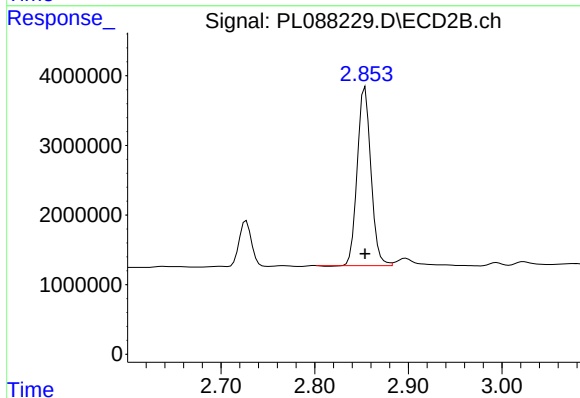
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 52794576
Conc: 19.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

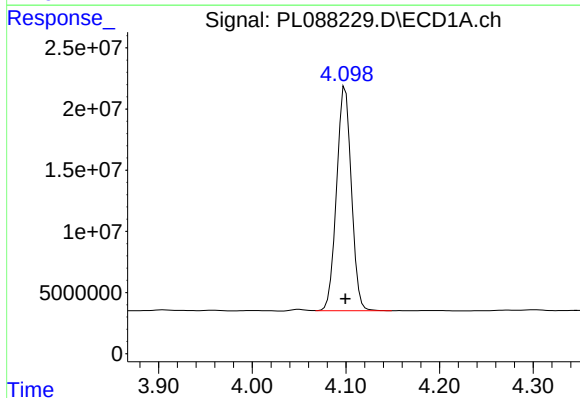
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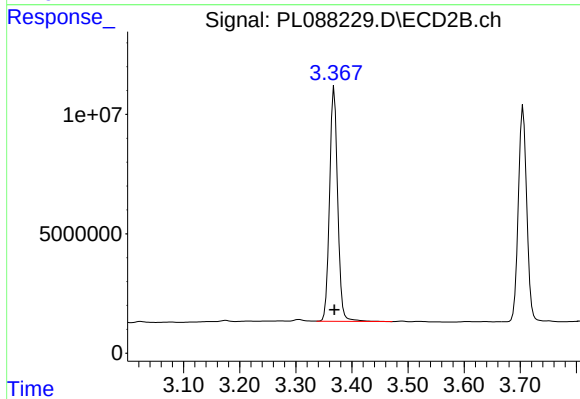
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 26051914
Conc: 18.58 ng/ml



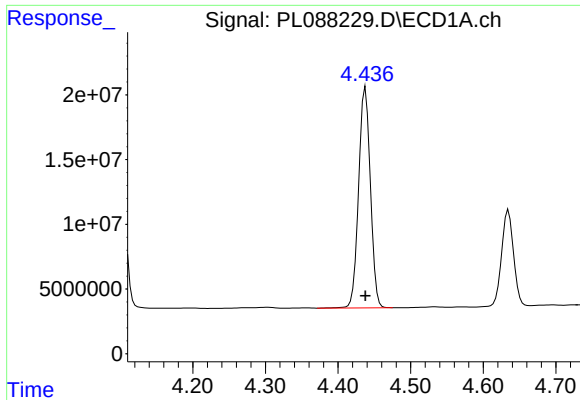
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 201053689
Conc: 48.17 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 98834247
Conc: 48.10 ng/ml



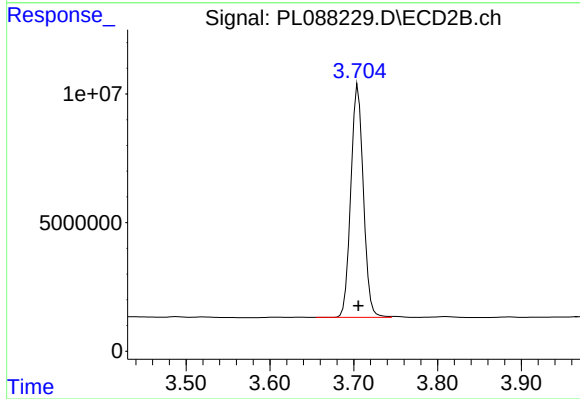
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 191419225
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

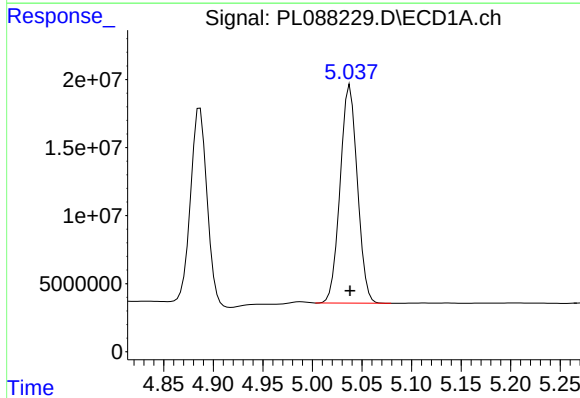
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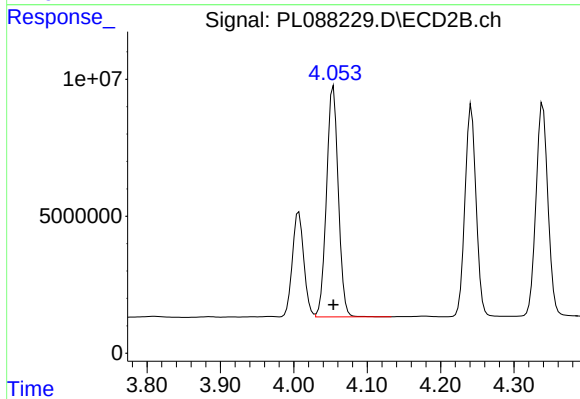
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 94405871
Conc: 47.14 ng/ml



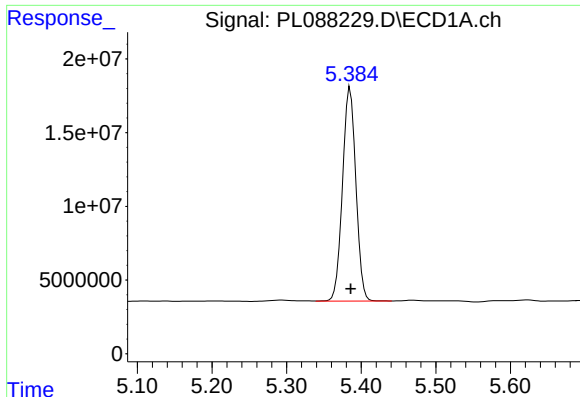
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 193778669
Conc: 50.35 ng/ml



#4 Heptachlor

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 94060486
Conc: 51.63 ng/ml



#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 180367496
Conc: 47.24 ng/ml

Instrument :

ECD_L

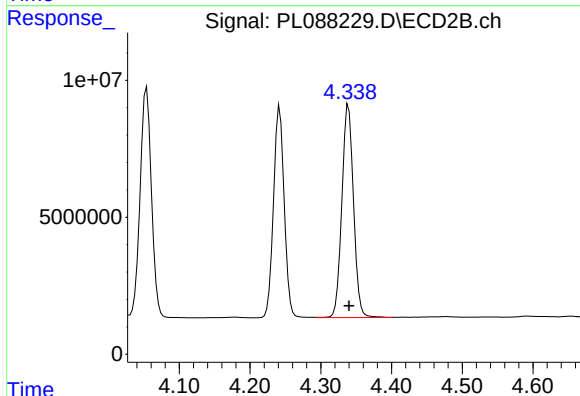
ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

Manual Integrations

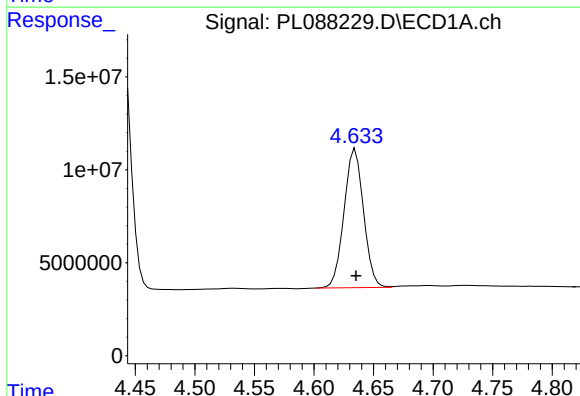
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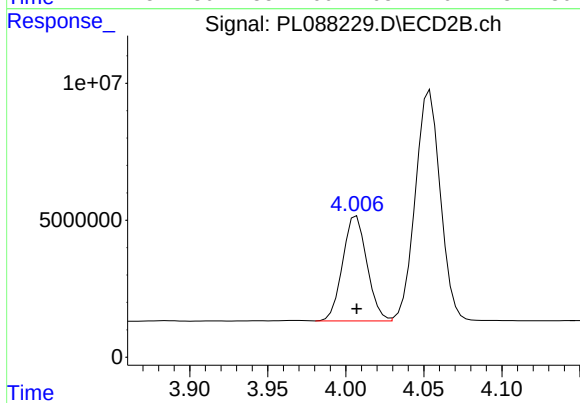
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 88799915
Conc: 45.79 ng/ml



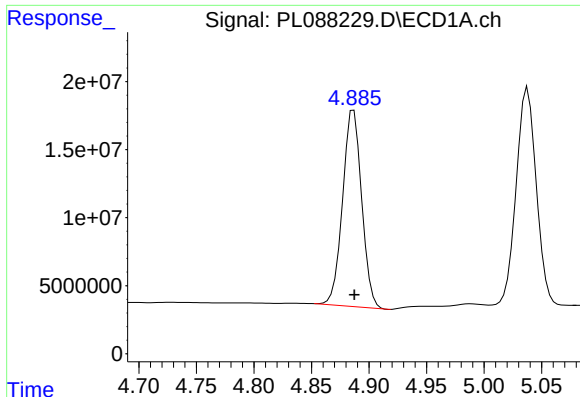
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 84998116
Conc: 48.80 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 41558313
Conc: 46.69 ng/ml



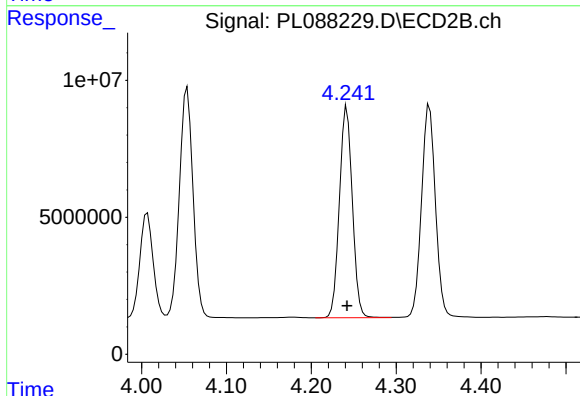
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 167220880
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

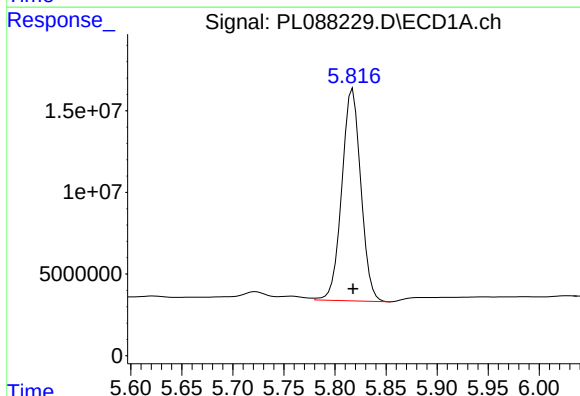
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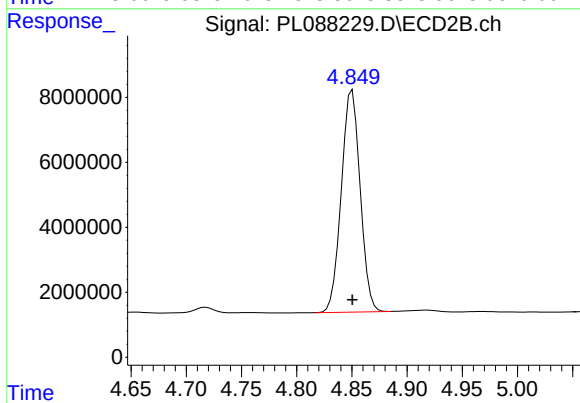
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 81483809
Conc: 40.85 ng/ml



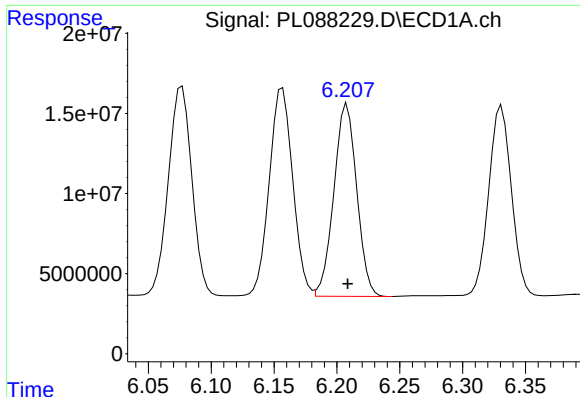
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 168330224
Conc: 48.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 81165424
Conc: 46.79 ng/ml



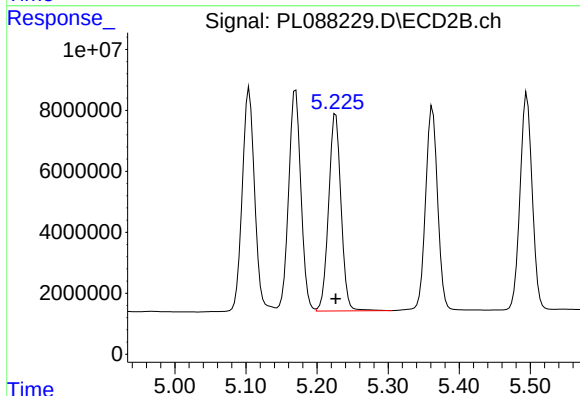
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 151956477
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

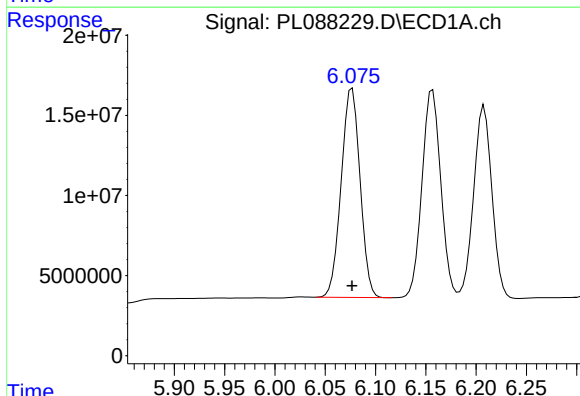
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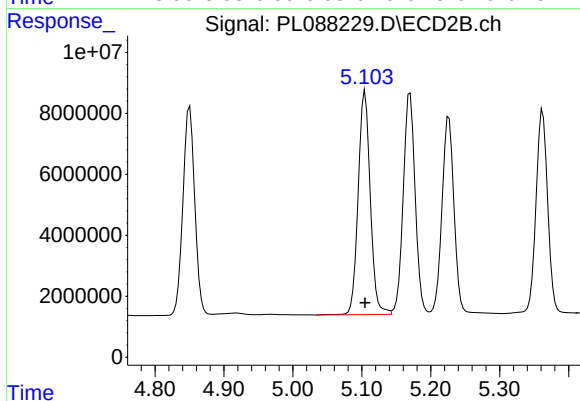
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 78599826
Conc: 48.85 ng/ml



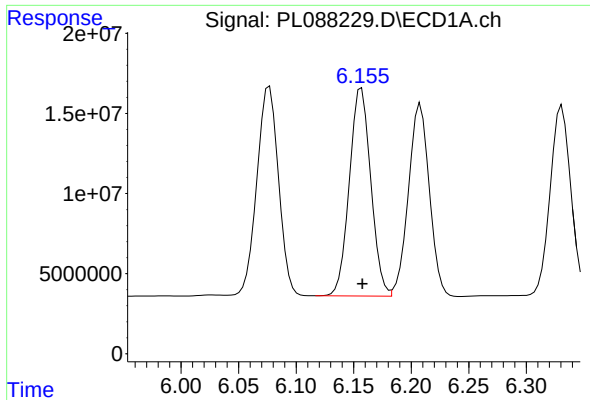
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 170150237
Conc: 50.07 ng/ml



#10 gamma-Chlordane

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 89219758
Conc: 50.02 ng/ml



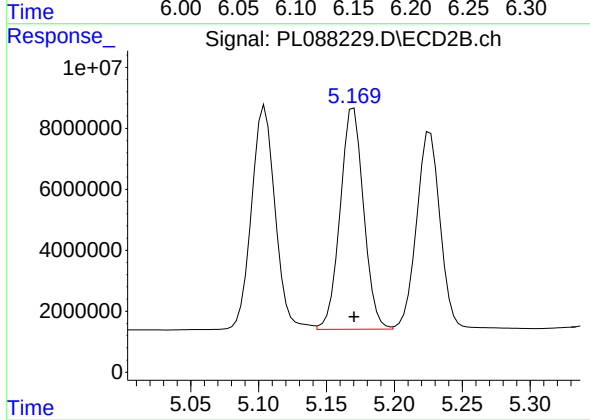
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 169103721
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
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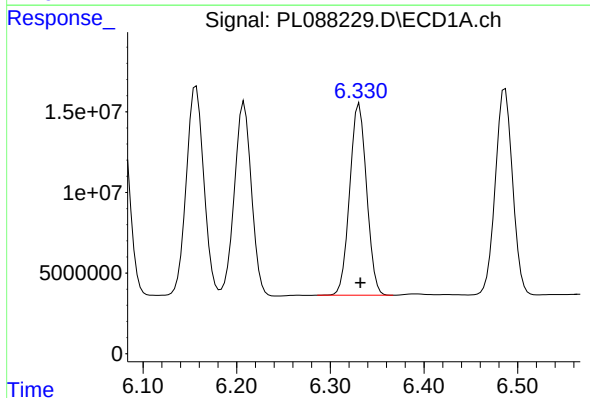
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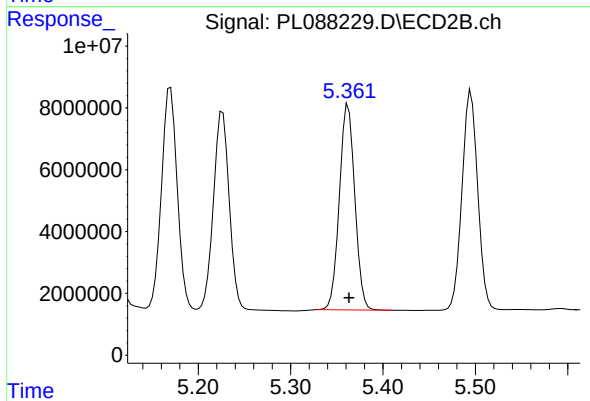
#11 alpha-Chlordane

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 87328765
Conc: 49.02 ng/ml



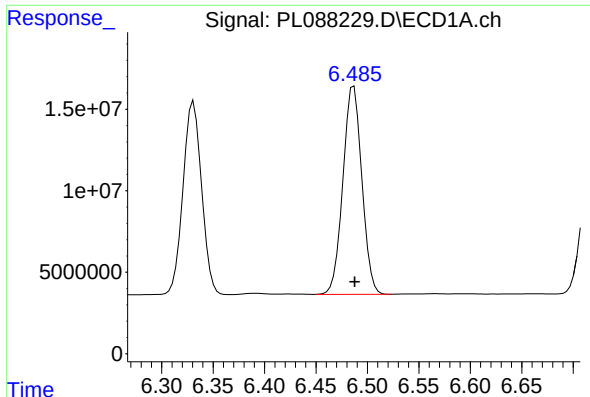
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: -0.001 min
Response: 148944660
Conc: 49.11 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 77278478
Conc: 48.62 ng/ml



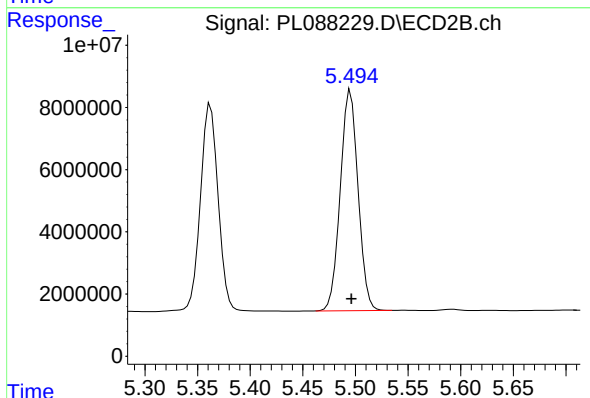
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 163707540
Conc: 49.79 ng/ml

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ECD_L
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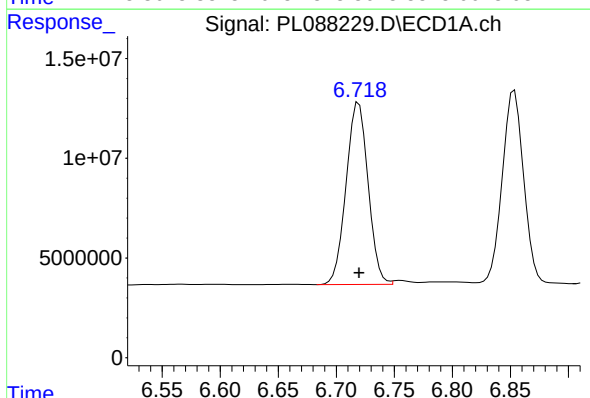
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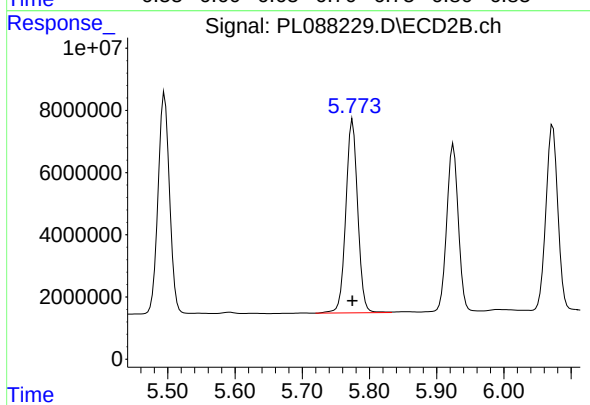
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 83756645
Conc: 48.54 ng/ml



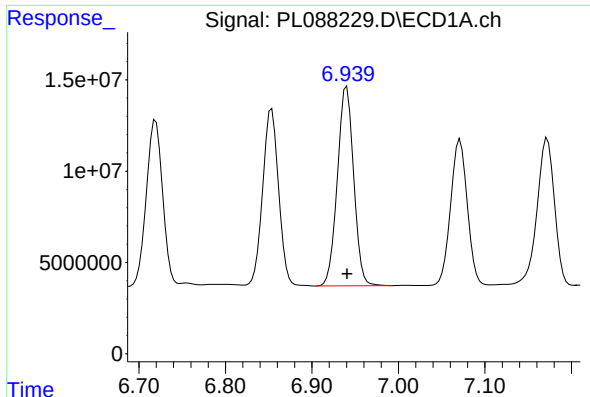
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 120345975
Conc: 46.28 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 76330459
Conc: 51.05 ng/ml



#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 142031118
Conc: 49.59 ng/ml

Instrument :

ECD_L

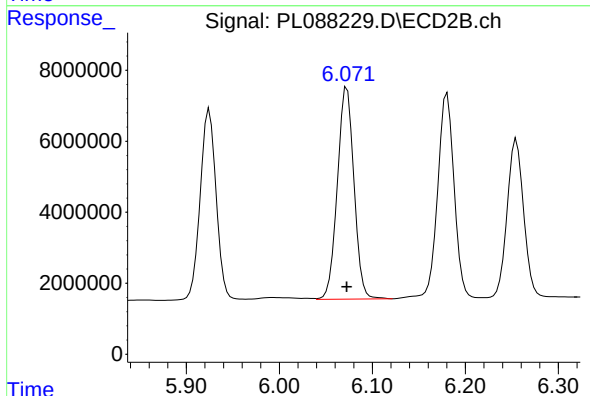
ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

Manual Integrations

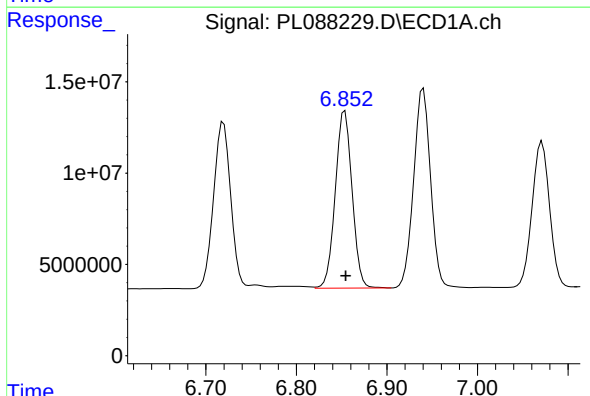
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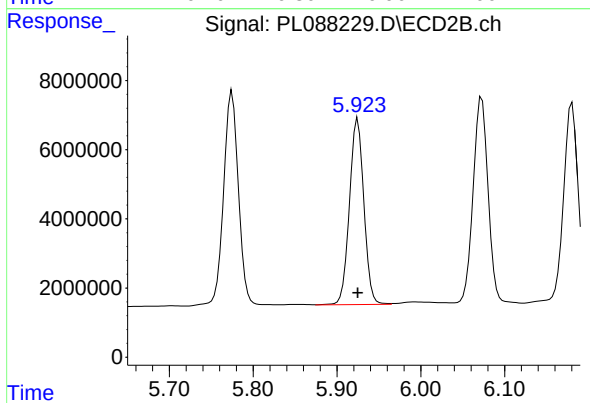
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 74236279
Conc: 48.73 ng/ml



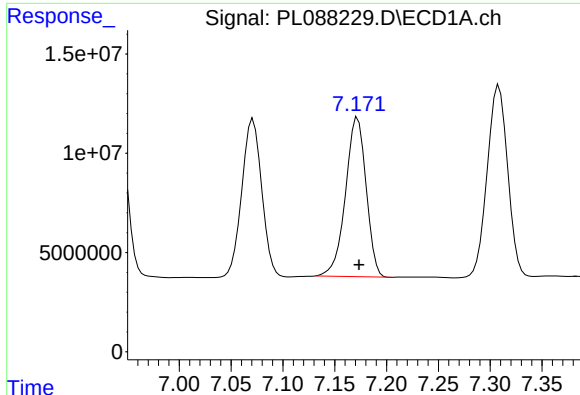
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 125111327
Conc: 48.24 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 64491411
Conc: 47.20 ng/ml



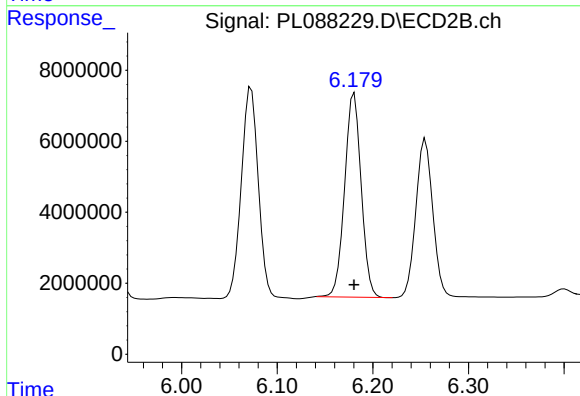
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 111147772
Conc: 42.27 ng/ml

Instrument :
ECD_L
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20241101-COMPOSITE-35N-N-4-06MSD

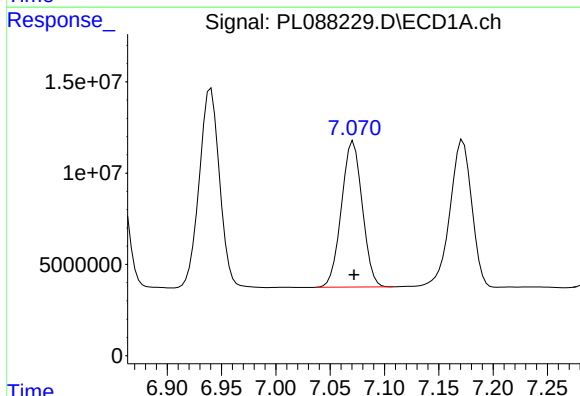
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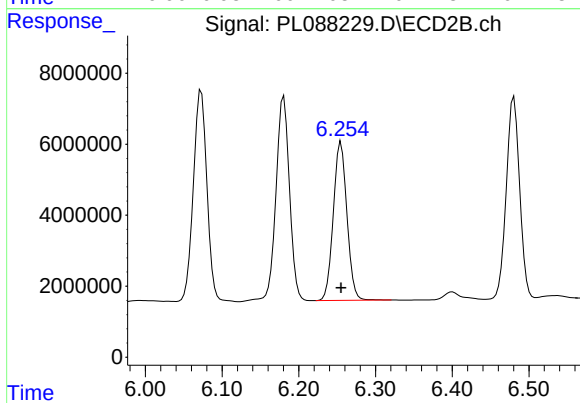
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 69301049
Conc: 50.76 ng/ml



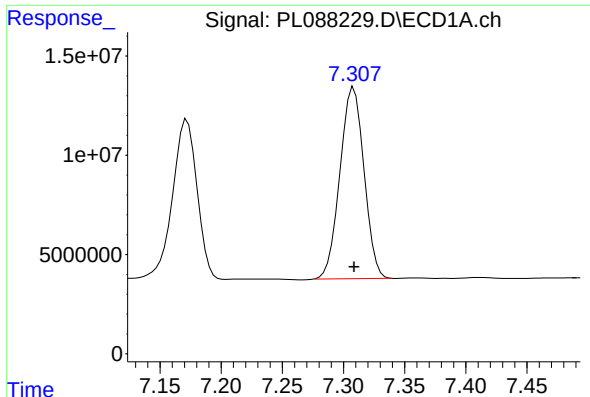
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 106693067
Conc: 51.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 55111839
Conc: 50.46 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 131974039
Conc: 50.66 ng/ml

Instrument :

ECD_L

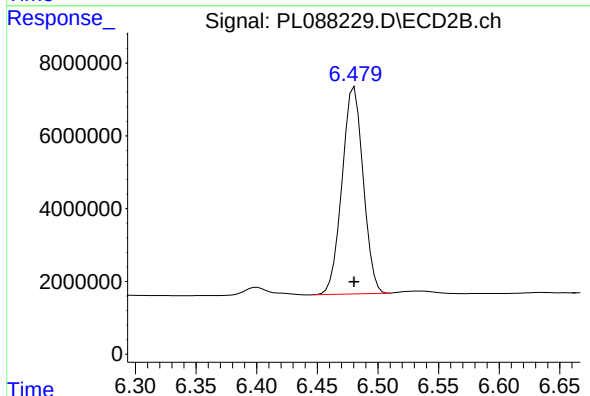
ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

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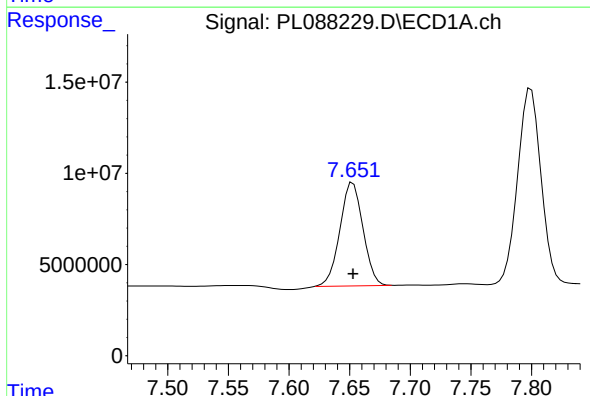
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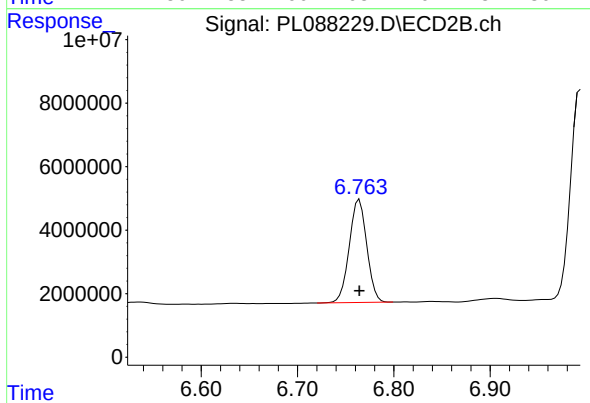
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 68945679
Conc: 49.09 ng/ml



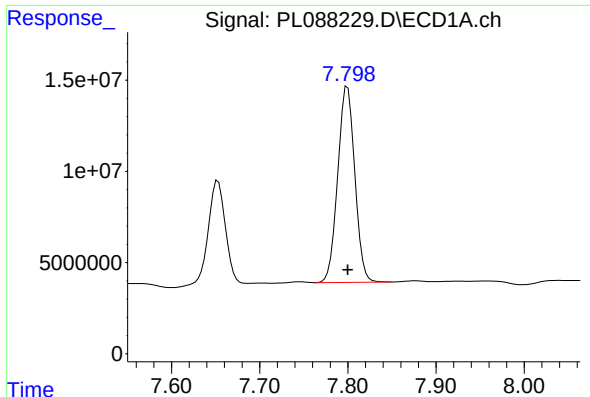
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 75111403
Conc: 56.74 ng/ml



#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 40851164
Conc: 52.12 ng/ml



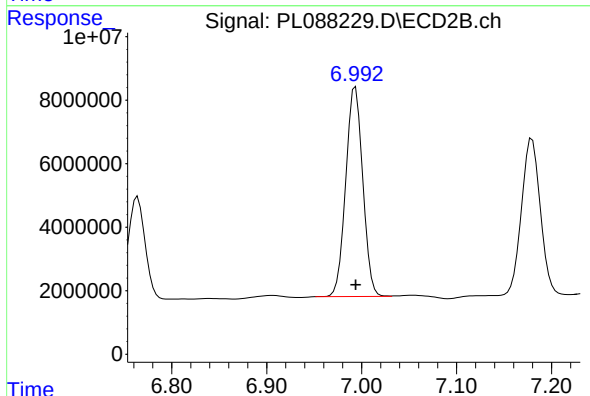
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 144617467
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD

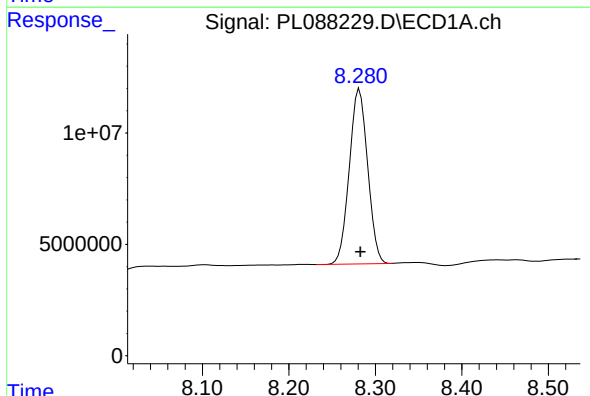
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2024
Supervised By :Ankita Jodhani 02/23/2024



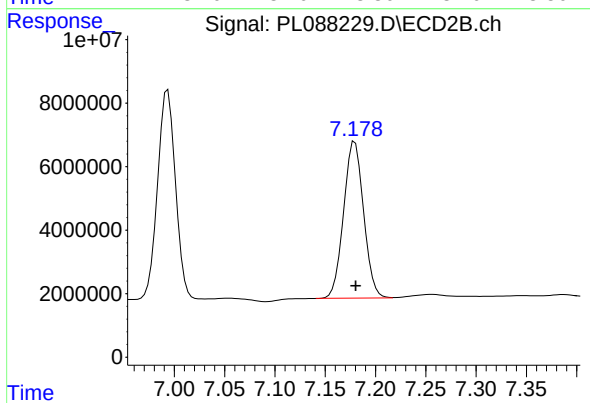
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 82334220
Conc: 49.18 ng/ml



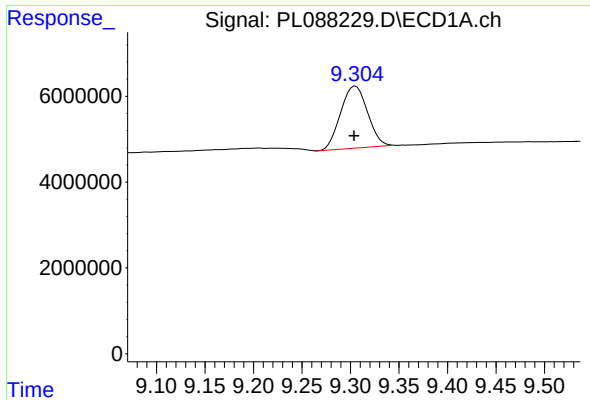
#22 Mirex

R.T.: 8.282 min
Delta R.T.: -0.001 min
Response: 115587592
Conc: 49.88 ng/ml



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 68099428
Conc: 51.98 ng/ml m



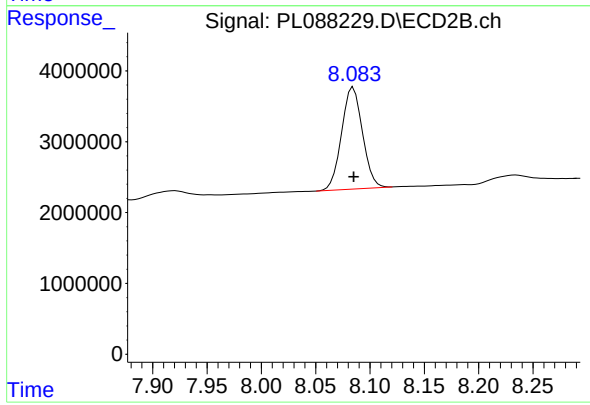
#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 27970734
Conc: 14.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
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Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 19256113
Conc: 15.12 ng/ml