

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
 Data File : PL088844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2024 14:06
 Operator : AR\AJ
 Sample : PB159910BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159910BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:12:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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	2.851	55511549	28047031	20.948	21.045
28)	SA Decachlor...	9.304	8.079	46924526	29240921	18.983	21.565
Target Compounds							
2)	A alpha-BHC	4.099	3.365	223.0E6	113.3E6	55.869	56.385
3)	MA gamma-BHC...	4.437	3.702	214.2E6	107.4E6	55.240	55.975
4)	MA Heptachlor	5.037	4.049	210.9E6	106.1E6	55.529	58.926
5)	MB Aldrin	5.384	4.335	198.9E6	102.9E6	54.279	56.958
6)	B beta-BHC	4.635	4.003	93850593	47148924	52.920	55.001
7)	B delta-BHC	4.886	4.238	206.3E6	104.0E6	51.216	54.348
8)	B Heptachlo...	5.816	4.845	190.9E6	95577497	55.562	58.119
9)	A Endosulfan I	6.207	5.221	171.1E6	90474592	55.969	60.186
10)	B gamma-Chl...	6.075	5.100	194.9E6	100.7E6	58.521	60.806
11)	B alpha-Chl...	6.155	5.165	190.0E6	100.0E6	57.159	60.251
12)	B 4,4'-DDE	6.330	5.358	169.0E6	90843783	56.572	62.282
13)	MA Dieldrin	6.486	5.490	181.8E6	98316292	56.056	60.534
14)	MA Endrin	6.718	5.769	144.2E6	83594397	52.756	57.994
15)	B Endosulfa...	6.939	6.067	158.4E6	86940158	55.296	60.464
16)	A 4,4'-DDD	6.853	5.919	141.1E6	77849493	55.400	62.511
17)	MA 4,4'-DDT	7.171	6.174	148.3E6	81054570	55.646	60.390
18)	B Endrin al...	7.069	6.249	117.7E6	64887622	56.398m	61.919
19)	B Endosulfa...	7.308	6.475	149.6E6	83728143	54.193	60.347
20)	A Methoxychlor	7.652	6.758	74229831	43089560	49.273	53.723
21)	B Endrin ke...	7.799	6.988	161.6E6	99560253	54.647	60.314
22)	Mirex	8.281	7.173	125.9E6	81024487	53.715	60.088

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
Data File : PL088844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2024 14:06
Operator : AR\AJ
Sample : PB159910BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159910BS

Manual Integrations

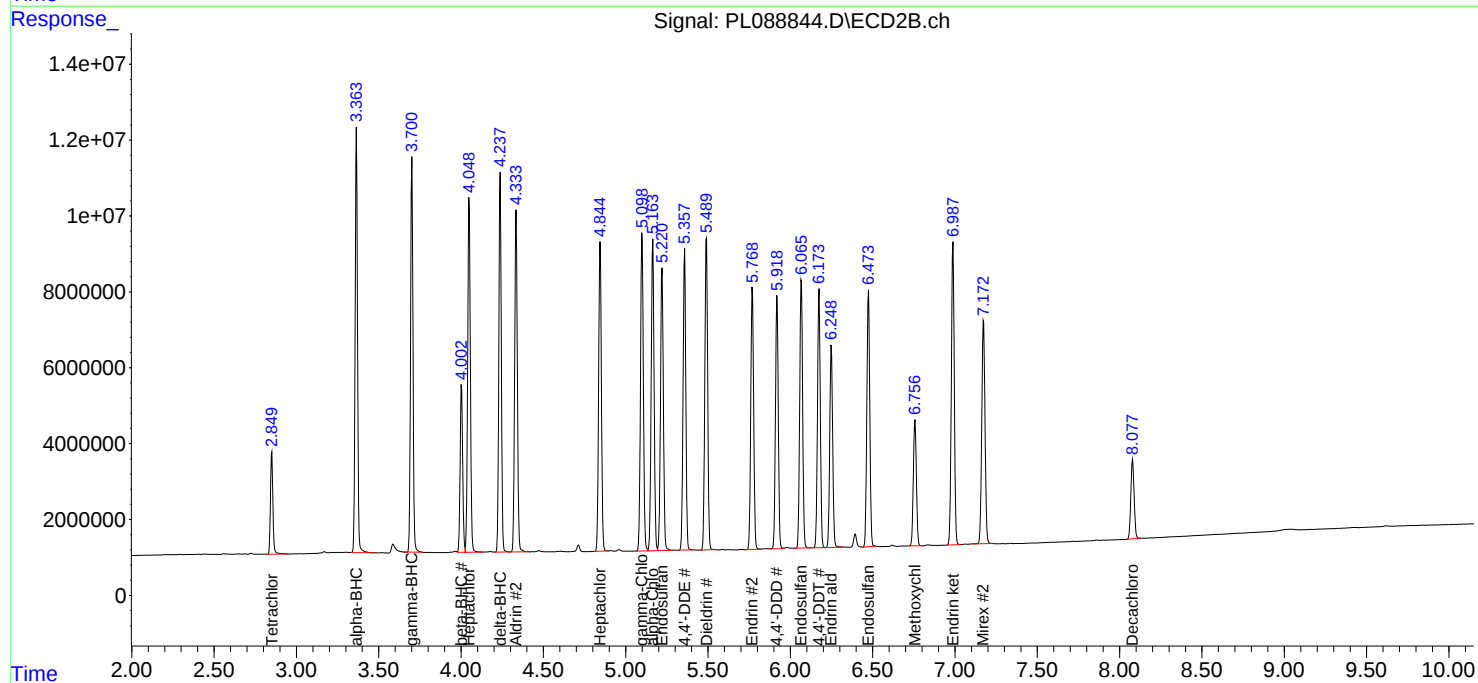
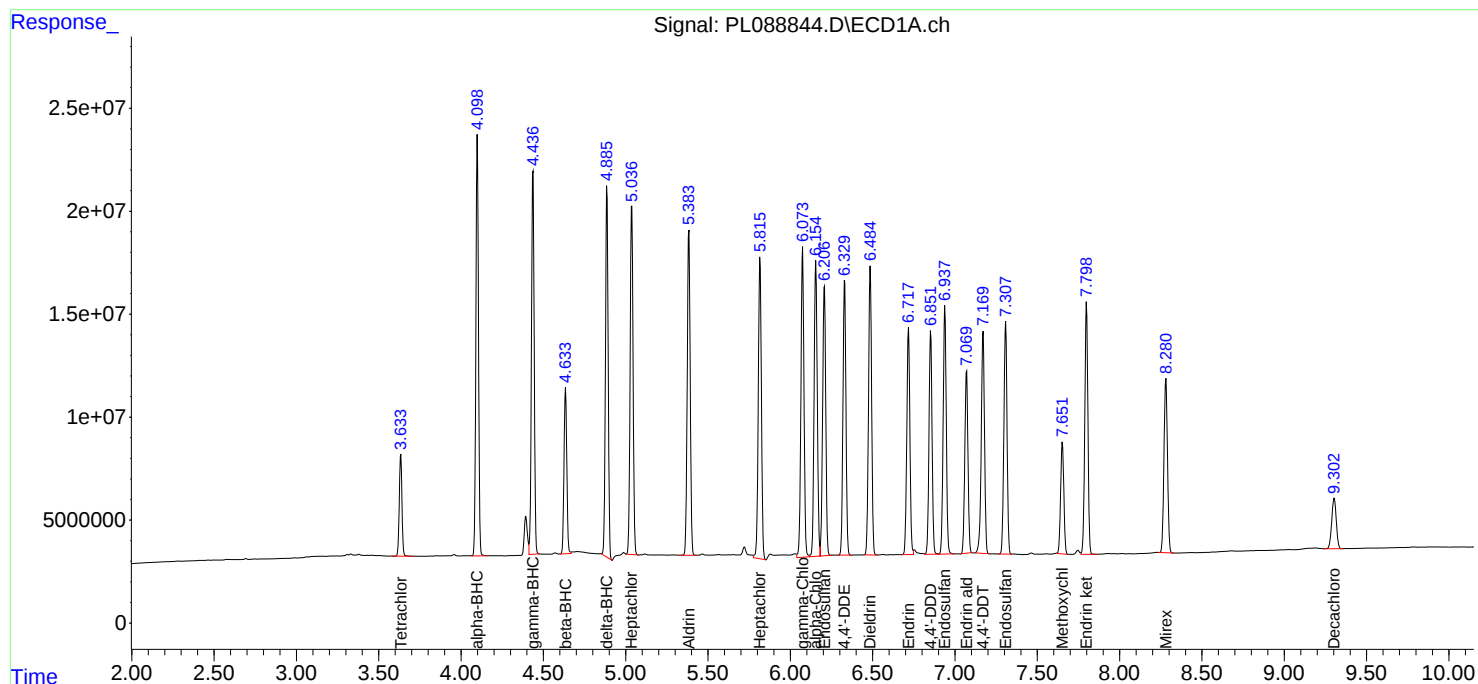
APPROVED

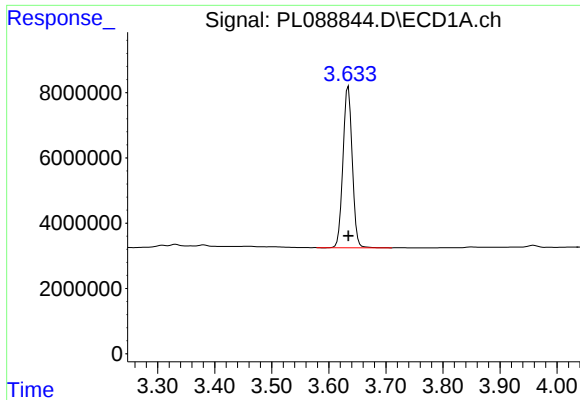
Reviewed By :Abdul Mirza 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:12:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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





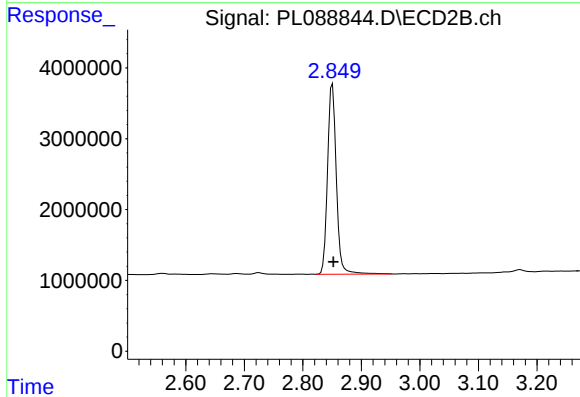
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 55511549
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

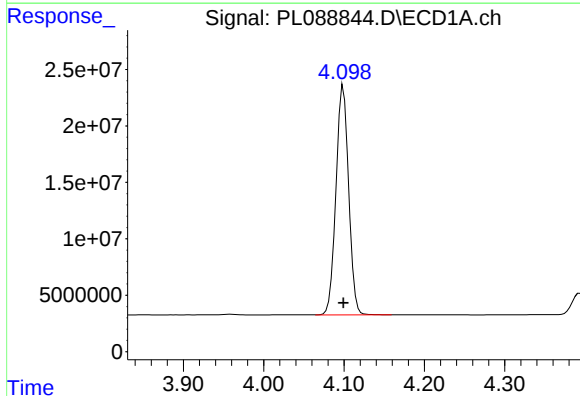
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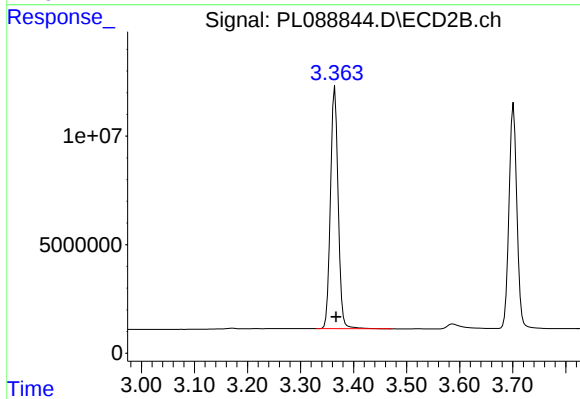
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: -0.002 min
Response: 28047031
Conc: 21.04 ng/ml



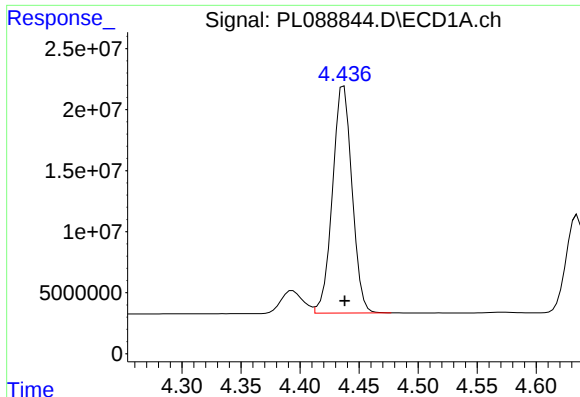
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 223010358
Conc: 55.87 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 113303119
Conc: 56.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 214234266
Conc: 55.24 ng/ml

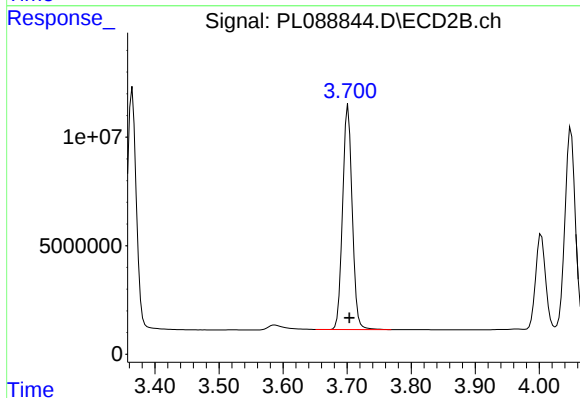
Instrument :

ECD_L

ClientSampleId :
PB159910BS

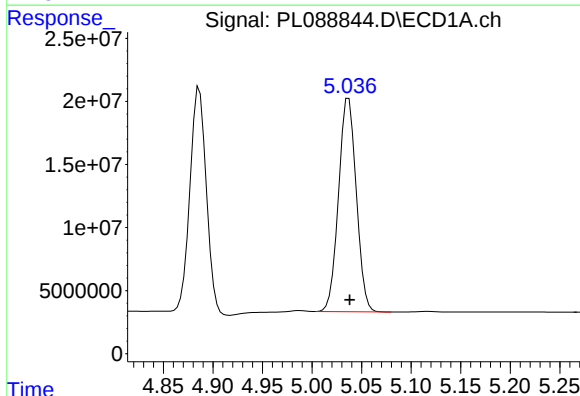
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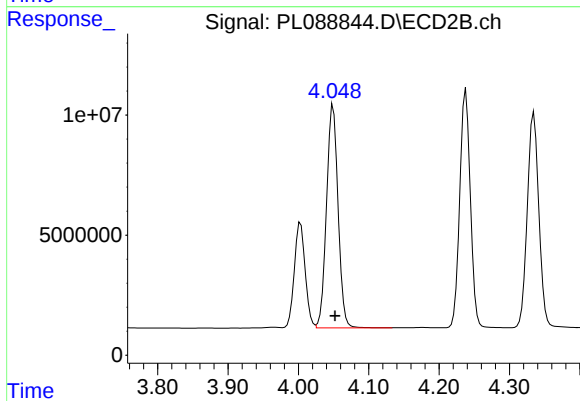
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 107421981
Conc: 55.97 ng/ml



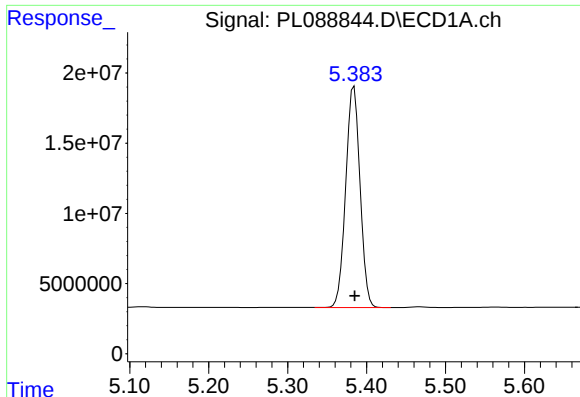
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 210868113
Conc: 55.53 ng/ml



#4 Heptachlor

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 106050259
Conc: 58.93 ng/ml



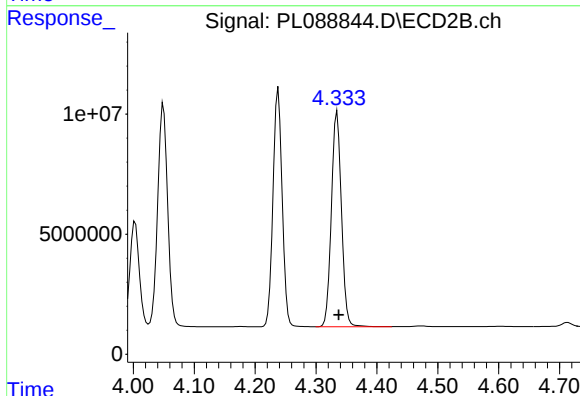
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 198905504
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

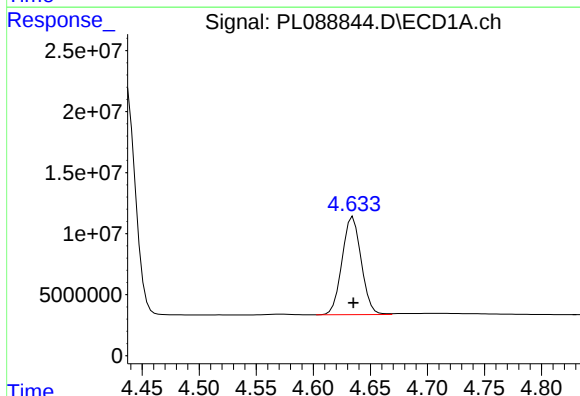
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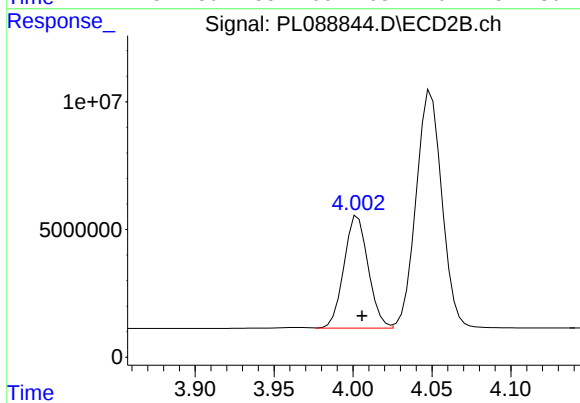
#5 Aldrin

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 102926664
Conc: 56.96 ng/ml



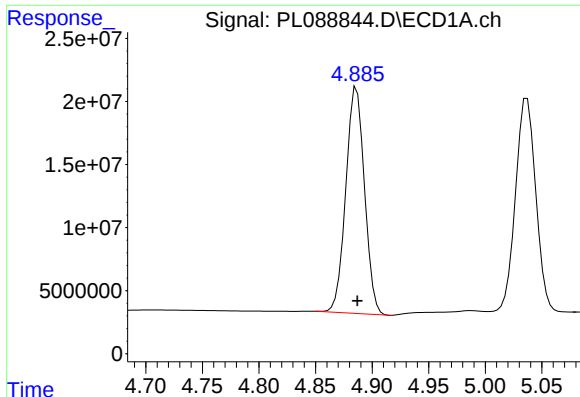
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 93850593
Conc: 52.92 ng/ml



#6 beta-BHC

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 47148924
Conc: 55.00 ng/ml



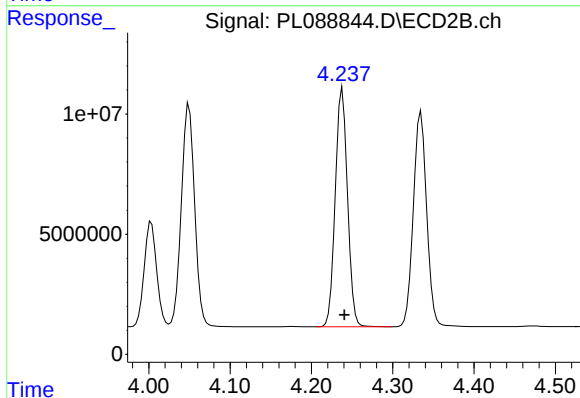
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 206308581
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

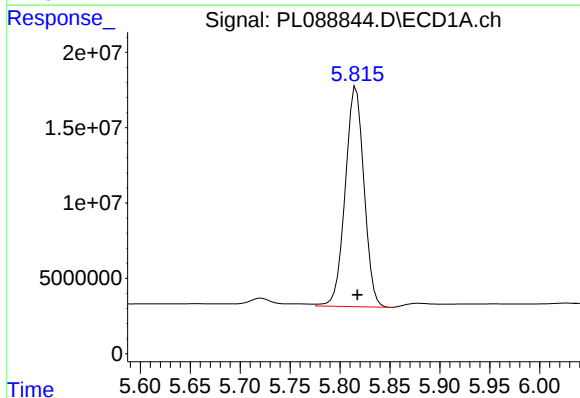
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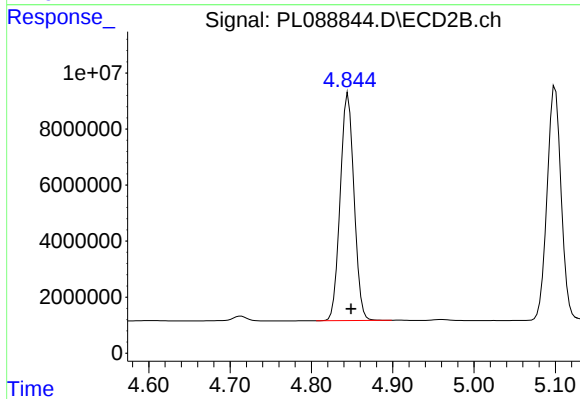
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 103971639
Conc: 54.35 ng/ml



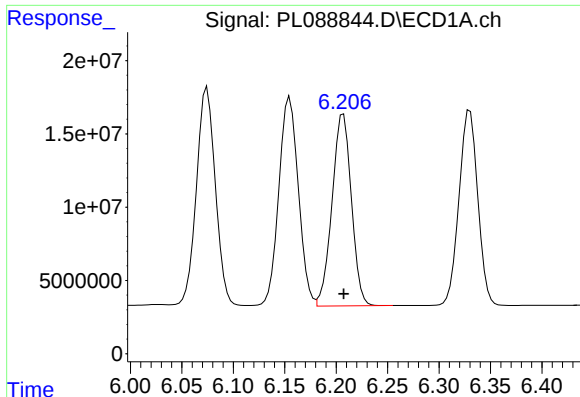
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 190854325
Conc: 55.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.845 min
Delta R.T.: -0.004 min
Response: 95577497
Conc: 58.12 ng/ml



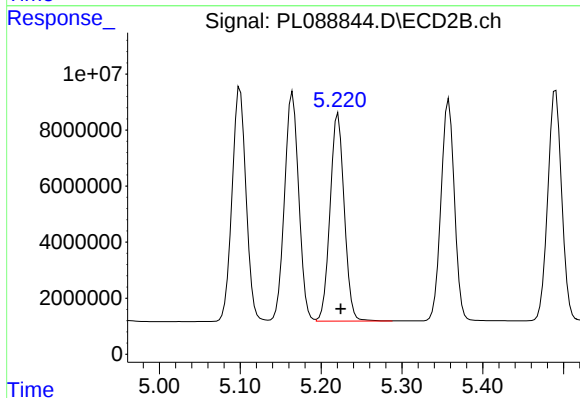
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 171068581
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

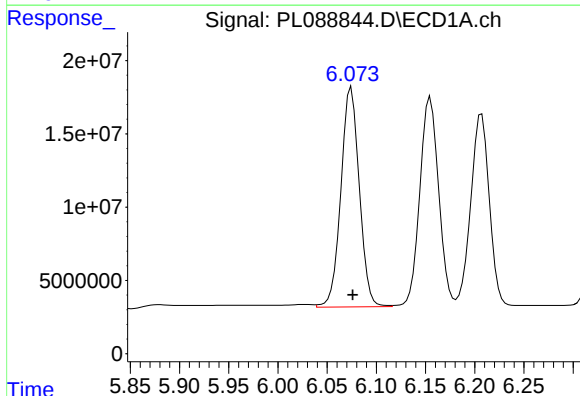
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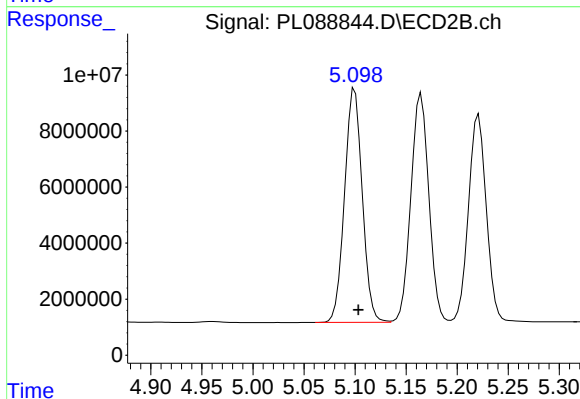
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 90474592
Conc: 60.19 ng/ml



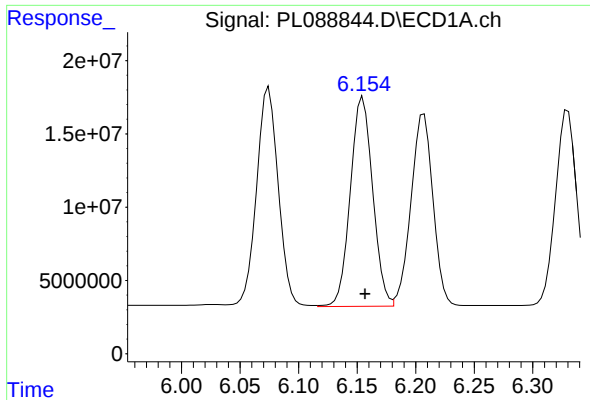
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 194921433
Conc: 58.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 100714101
Conc: 60.81 ng/ml



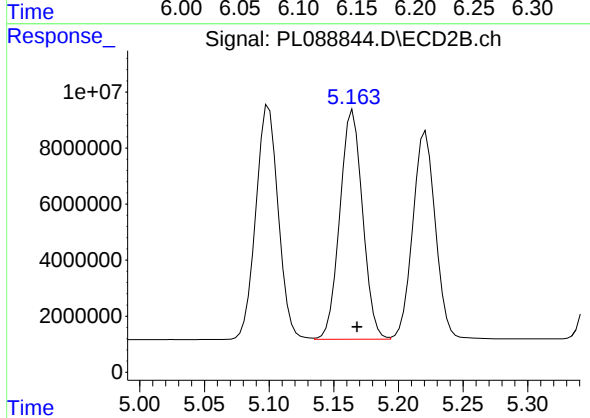
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 189999153
Conc: 57.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

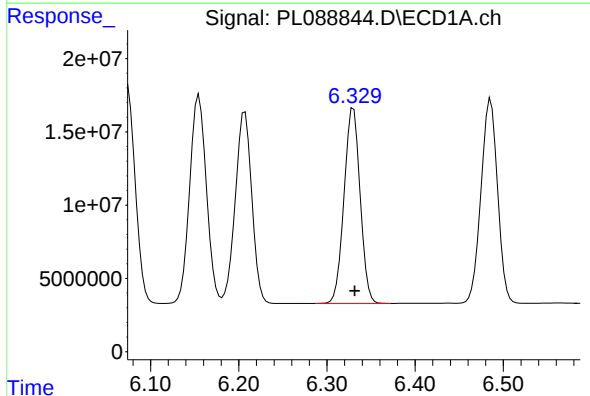
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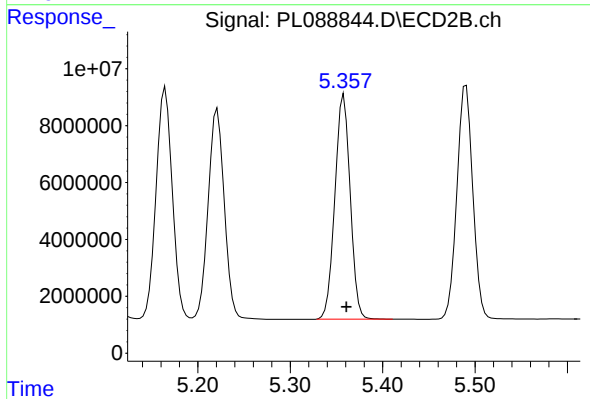
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 100012294
Conc: 60.25 ng/ml



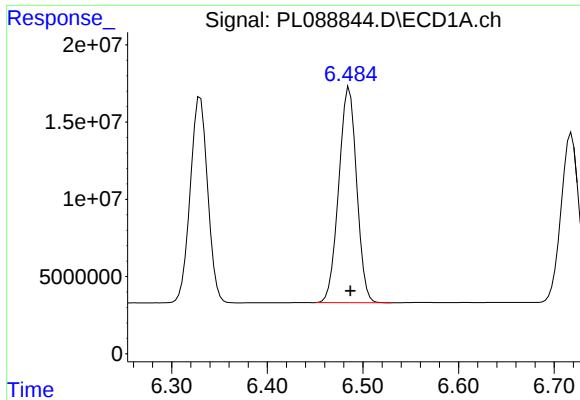
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 169021413
Conc: 56.57 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 90843783
Conc: 62.28 ng/ml



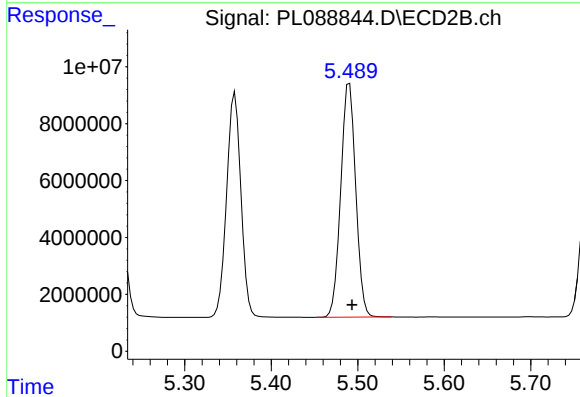
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 181771831
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

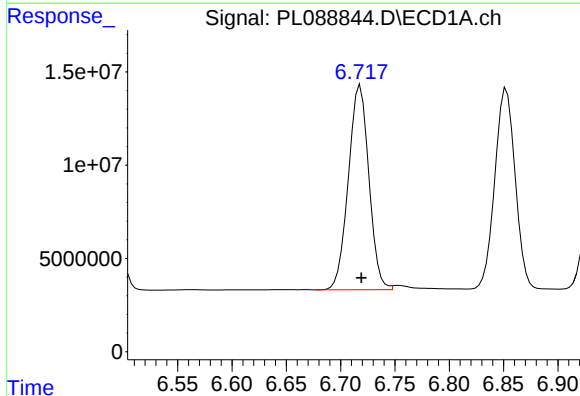
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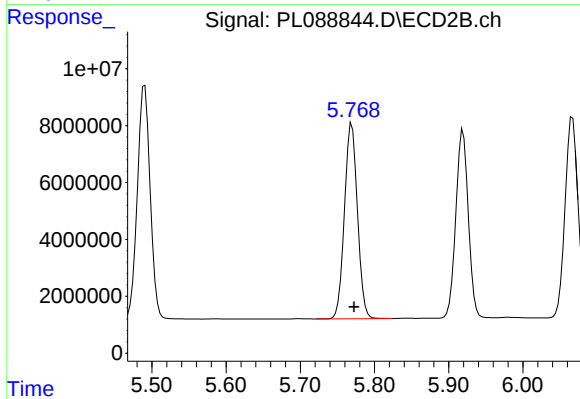
#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 98316292
Conc: 60.53 ng/ml



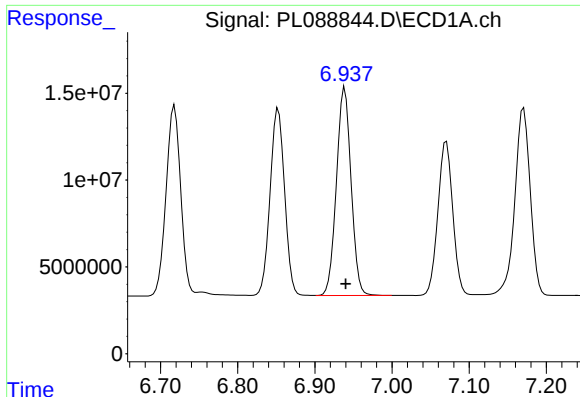
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 144220268
Conc: 52.76 ng/ml



#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 83594397
Conc: 57.99 ng/ml



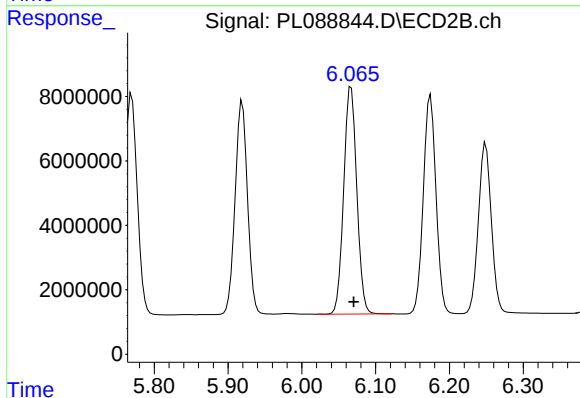
#15 Endosulfan II

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 158379462
Conc: 55.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

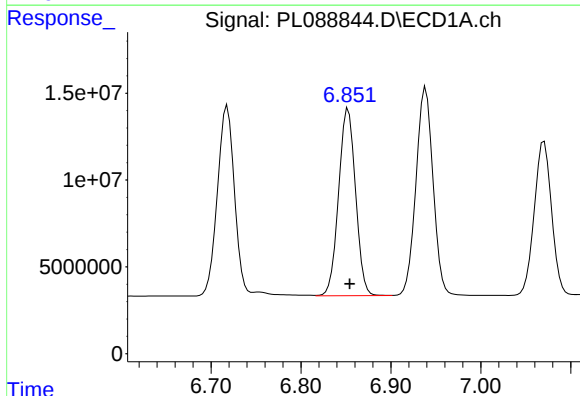
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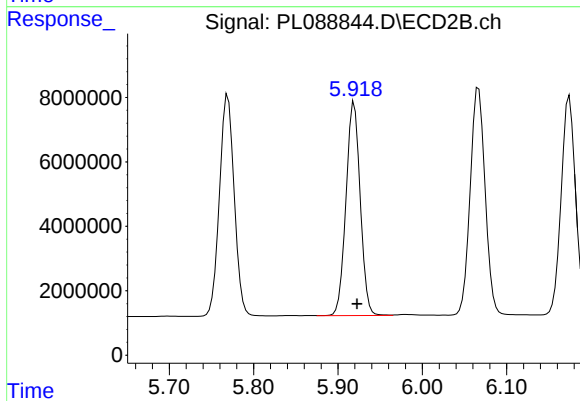
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 86940158
Conc: 60.46 ng/ml



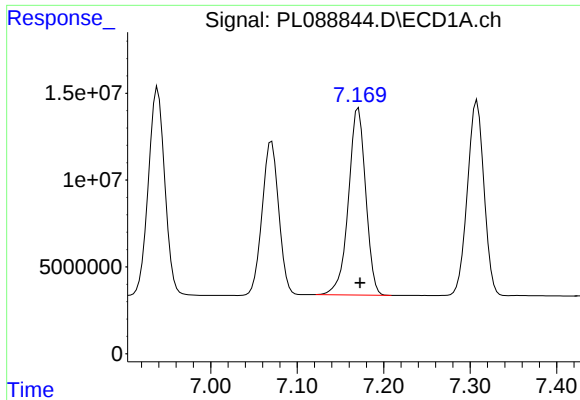
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 141090638
Conc: 55.40 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 77849493
Conc: 62.51 ng/ml



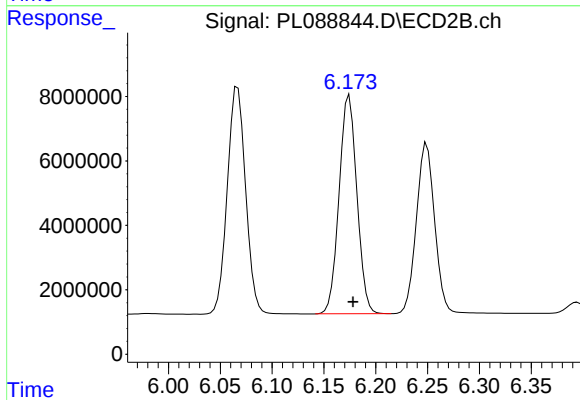
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 148322828
Conc: 55.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

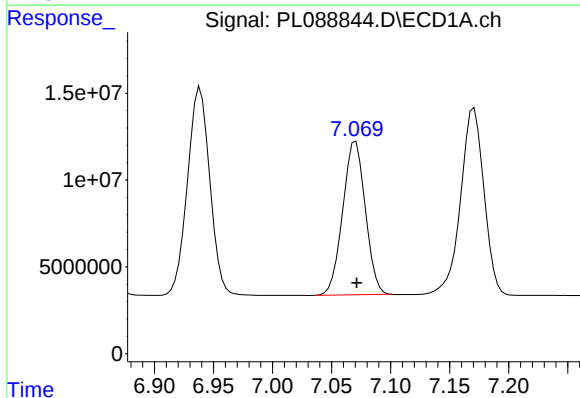
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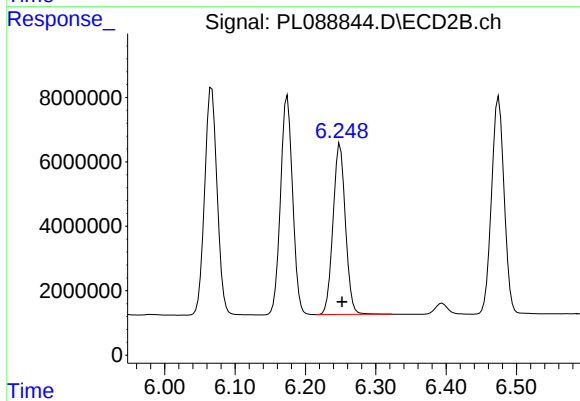
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 81054570
Conc: 60.39 ng/ml



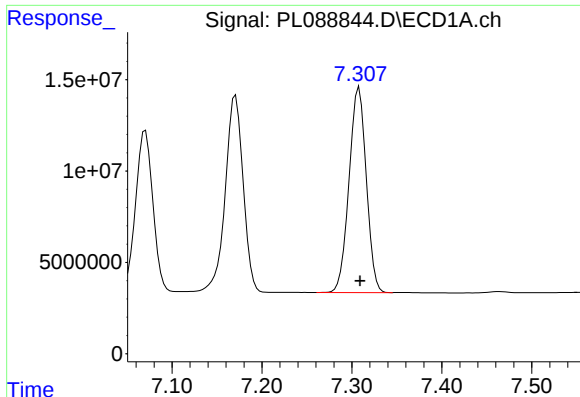
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 117748774
Conc: 56.40 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 64887622
Conc: 61.92 ng/ml



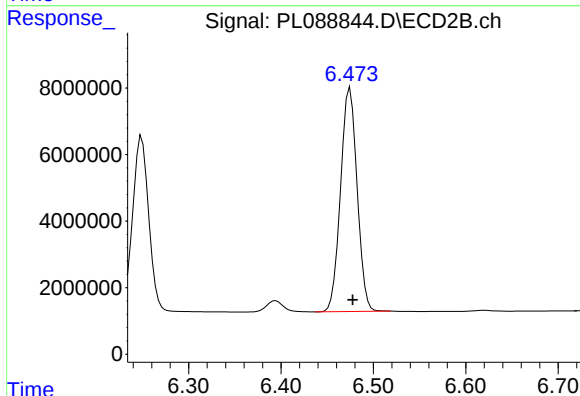
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 149642267
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

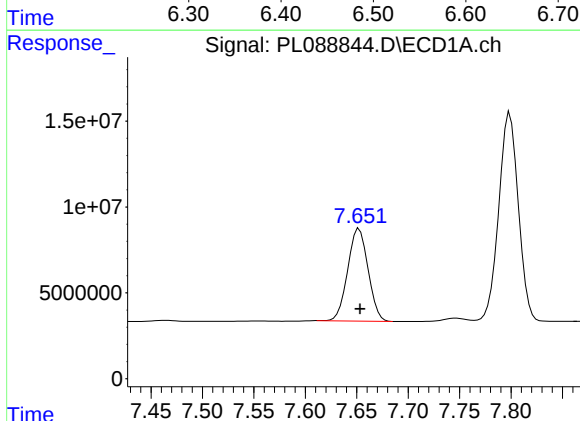
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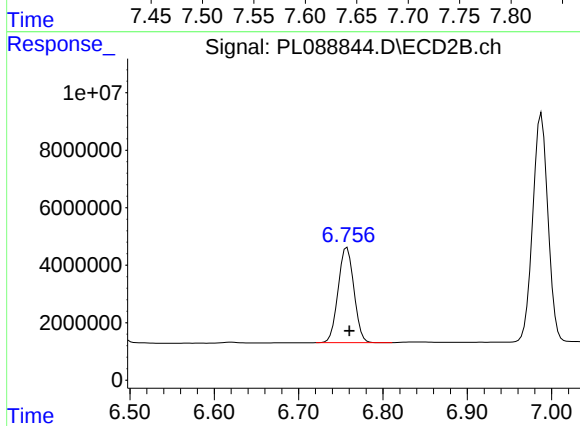
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 83728143
Conc: 60.35 ng/ml



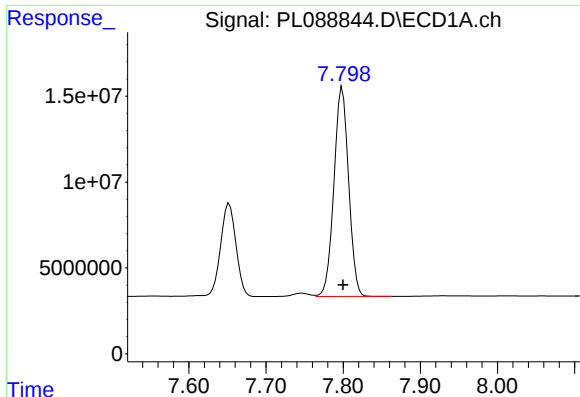
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 74229831
Conc: 49.27 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 43089560
Conc: 53.72 ng/ml



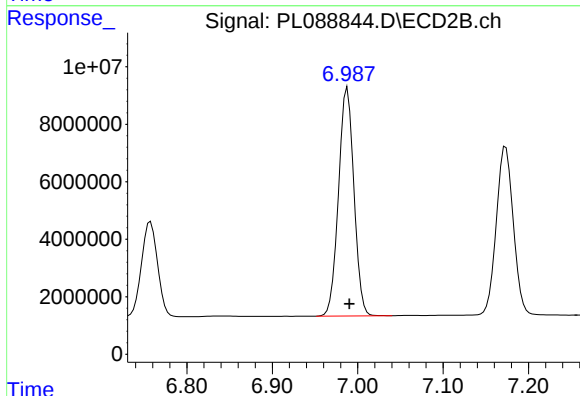
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 161557041
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

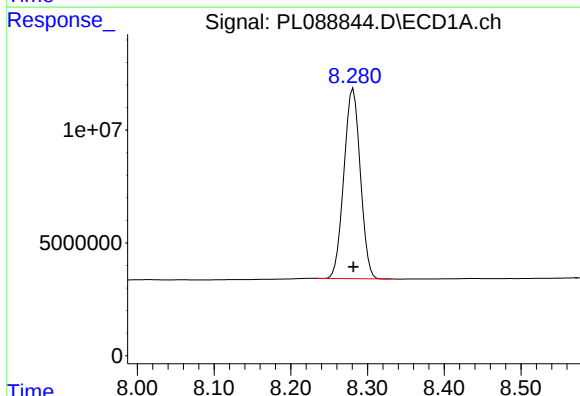
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2024
Supervised By :Ankita Jodhani 04/02/2024



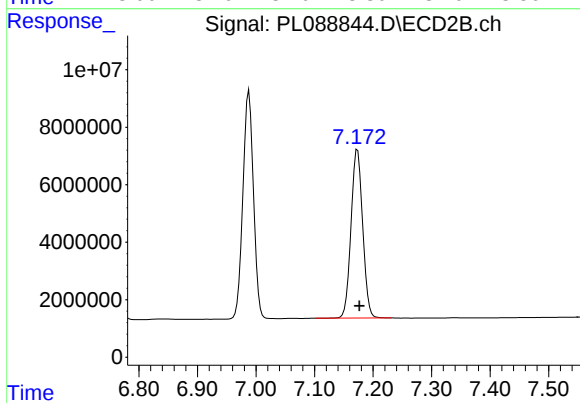
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 99560253
Conc: 60.31 ng/ml



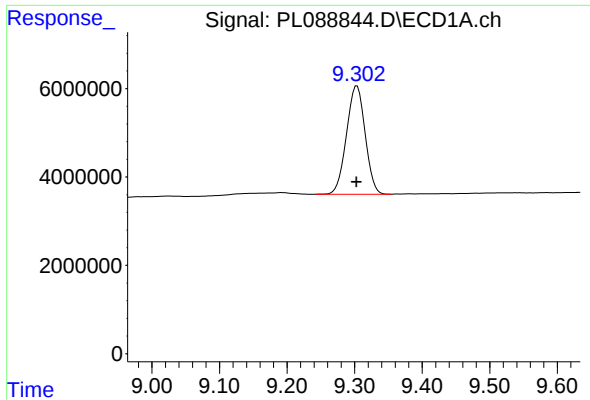
#22 Mirex

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 125934640
Conc: 53.71 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 81024487
Conc: 60.09 ng/ml



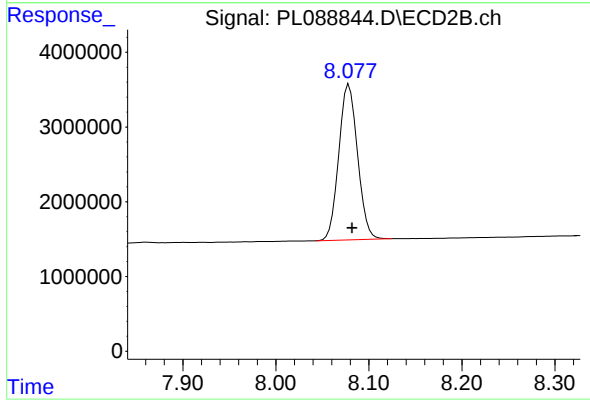
#28 Decachlorobiphenyl

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 46924526
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159910BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 29240921
Conc: 21.57 ng/ml