

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013024\
 Data File : PL088040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2024 11:50
 Operator : AR\AJ
 Sample : PB158673BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158673BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/31/2024
 Supervised By :Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 21:16:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 29 12:34:13 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...	3.419	2.673	60489610	25376628	20.854	20.445
28)	SA Decachlor...	8.976	7.855	53618367	25080124	20.007	20.622
Target Compounds							
2)	A alpha-BHC	3.874	3.176	213.7E6	90305105	49.117	49.087
3)	MA gamma-BHC...	4.208	3.505	194.7E6	85525624	46.006	47.411
4)	MA Heptachlor	4.800	3.846	197.4E6	82859767	47.445	47.654
5)	MB Aldrin	5.143	4.126	194.2E6	87925363	47.541	50.602
6)	B beta-BHC	4.407	3.807	85130956	36426602	46.105	48.137
7)	B delta-BHC	4.654	4.036	191.9E6	85847116	47.124	49.368
8)	B Heptachlo...	5.573	4.634	183.6E6	75820560	48.593	48.688
9)	A Endosulfan I	5.960	5.005	171.4E6	69418211	50.429	49.064
10)	B gamma-Chl...	5.831	4.887	186.4E6	77480103	50.358m	50.195
11)	B alpha-Chl...	5.912	4.951	188.4E6	76959352	51.374	49.384
12)	B 4,4'-DDE	6.093	5.149	154.0E6	66707403	51.197	52.217
13)	MA Dieldrin	6.238	5.272	166.7E6	73489989	46.919	47.940
14)	MA Endrin	6.468	5.547	139.6E6	73129993	46.212	53.997
15)	B Endosulfa...	6.689	5.845	139.2E6	59628940	45.822	45.740
16)	A 4,4'-DDD	6.612	5.707	127.6E6	57510726	53.051m	54.692
17)	MA 4,4'-DDT	6.930	5.960	131.9E6	58413057	48.182	49.224
18)	B Endrin al...	6.820	6.027	112.4E6	49506386	48.283	49.030
19)	B Endosulfa...	7.058	6.252	143.4E6	64345316	49.546	50.675
20)	A Methoxychlor	7.416	6.545	68293063	32854838	43.951	46.289
21)	B Endrin ke...	7.544	6.756	145.5E6	73593403	47.529	49.567m
22)	Mirex	8.022	6.938	115.2E6	57172825	42.786	44.380

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013024\
Data File : PL088040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2024 11:50
Operator : AR\AJ
Sample : PB158673BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB158673BS

Manual Integrations

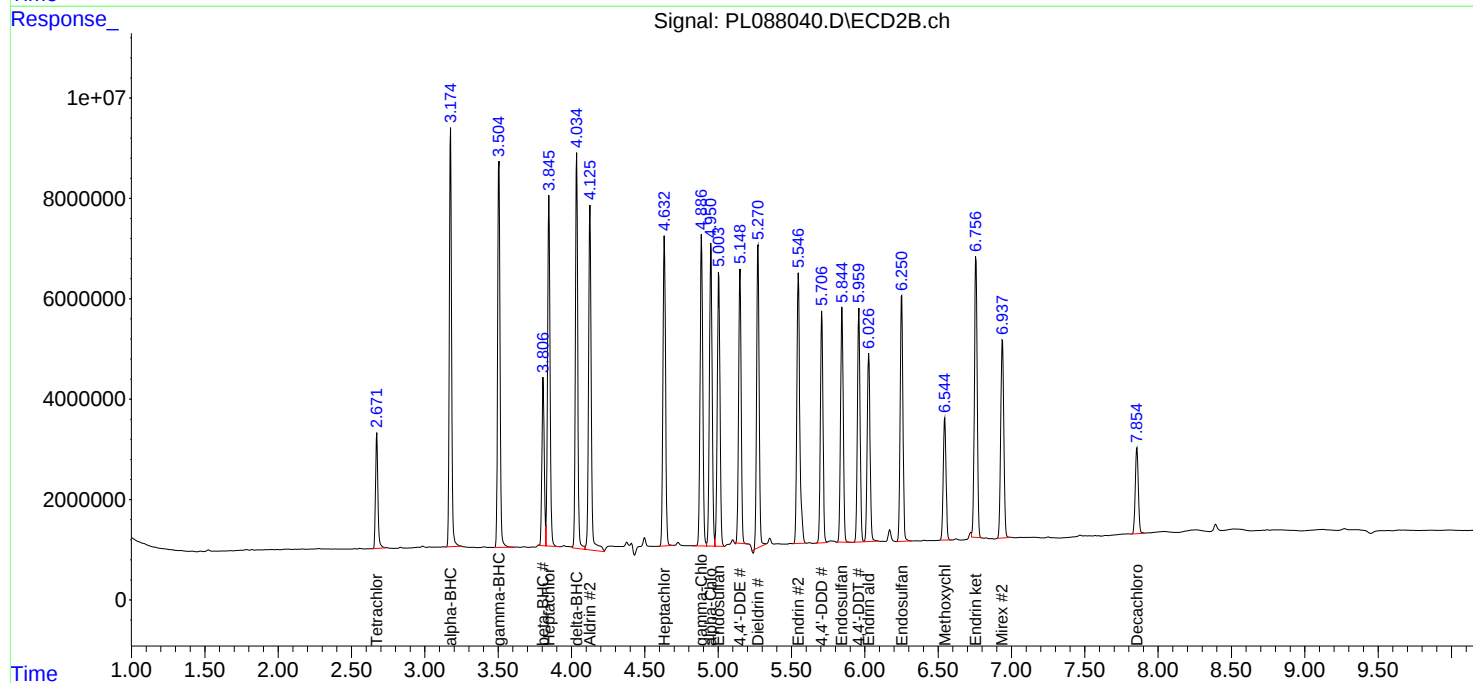
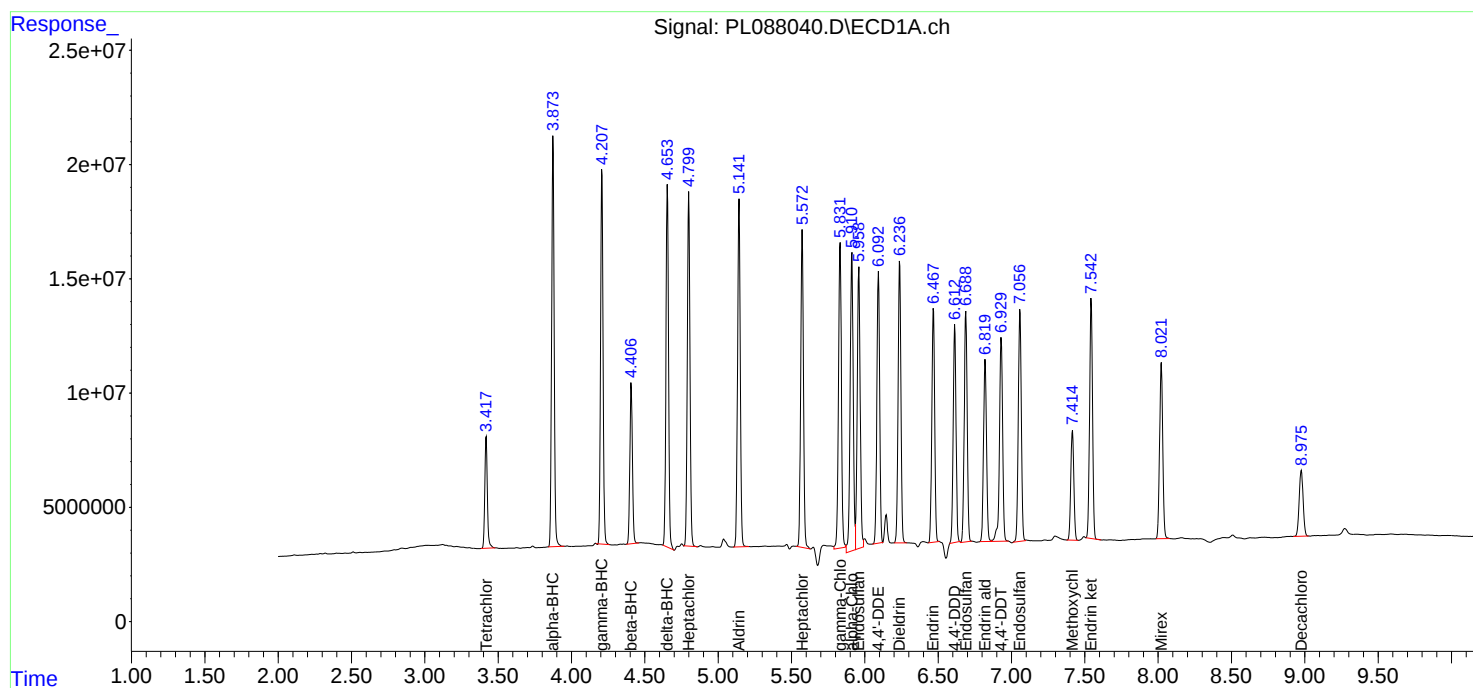
APPROVED

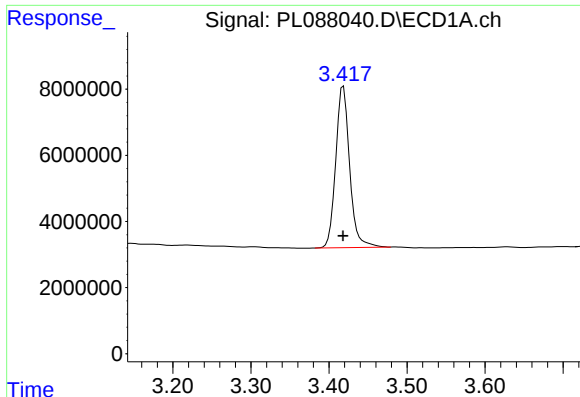
Reviewed By :Abdul Mirza 01/31/2024

Supervised By :Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 21:16:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
Quant Title : GC Extractables
QLast Update : Mon Jan 29 12:34:13 2024
Response via : Initial Calibration
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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





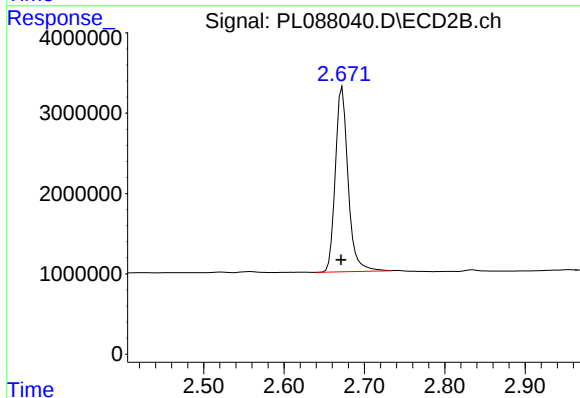
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 60489610
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

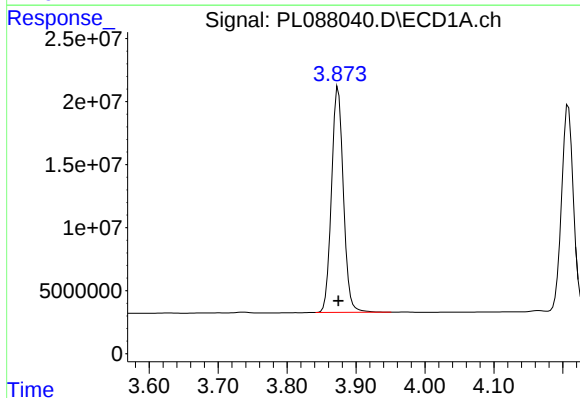
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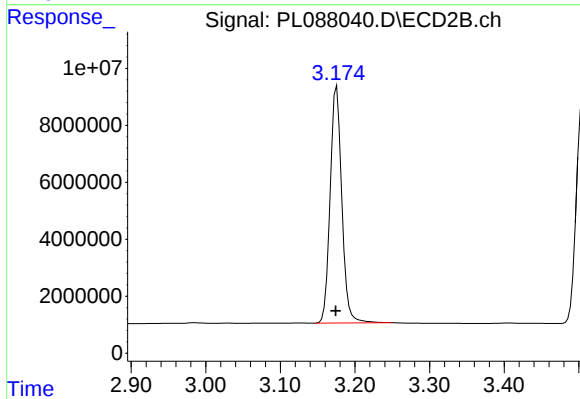
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 25376628
Conc: 20.44 ng/ml



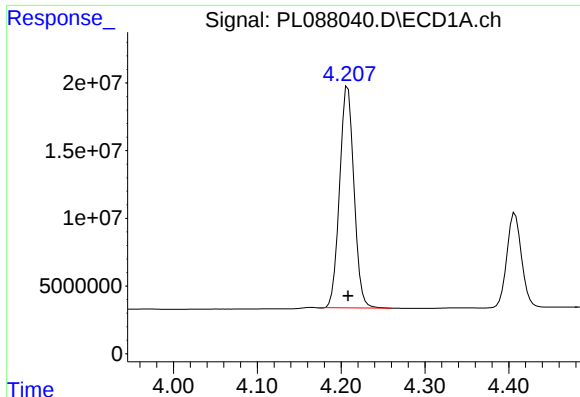
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: 0.000 min
Response: 213707606
Conc: 49.12 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: 0.001 min
Response: 90305105
Conc: 49.09 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 194670242
Conc: 46.01 ng/ml

Instrument :

ECD_L

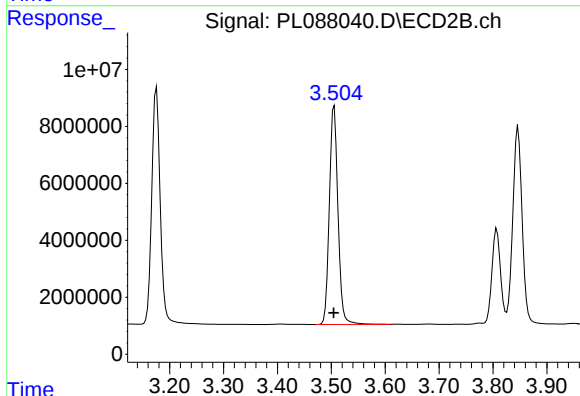
ClientSampleId :

PB158673BS

Manual Integrations

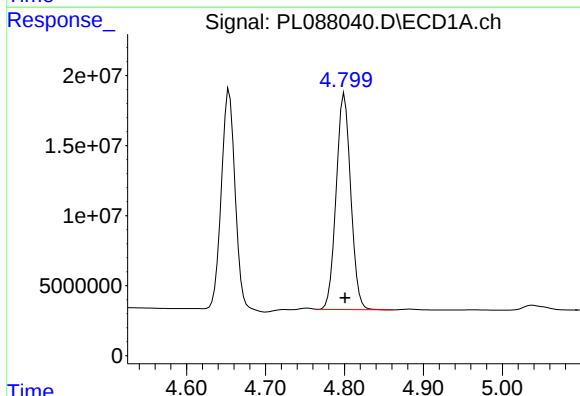
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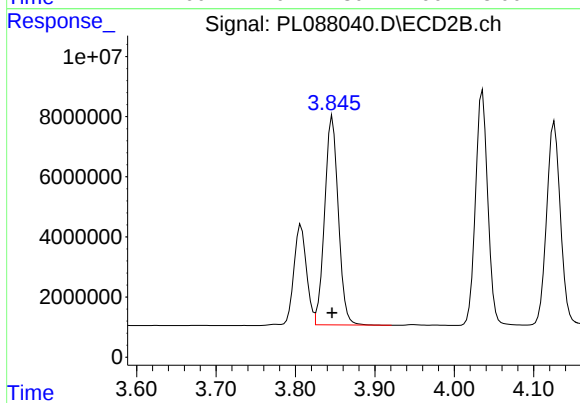
#3 gamma-BHC (Lindane)

R.T.: 3.505 min
Delta R.T.: 0.000 min
Response: 85525624
Conc: 47.41 ng/ml



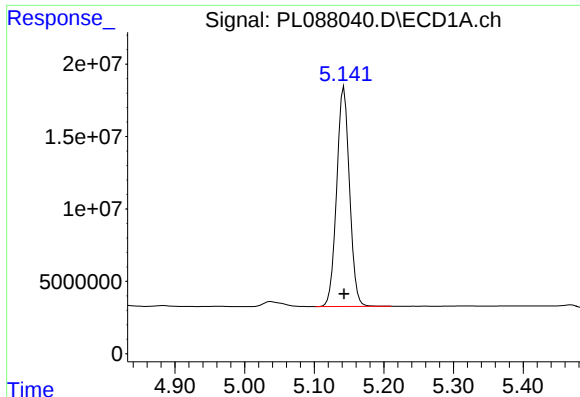
#4 Heptachlor

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 197355419
Conc: 47.44 ng/ml



#4 Heptachlor

R.T.: 3.846 min
Delta R.T.: 0.000 min
Response: 82859767
Conc: 47.65 ng/ml



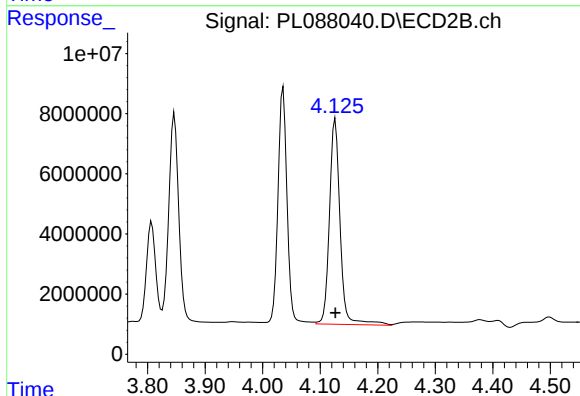
#5 Aldrin

R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 194182404
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

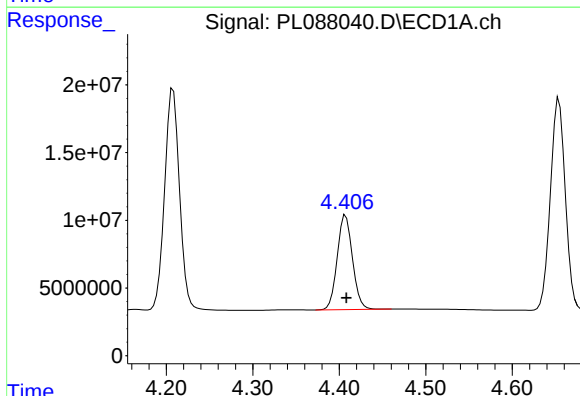
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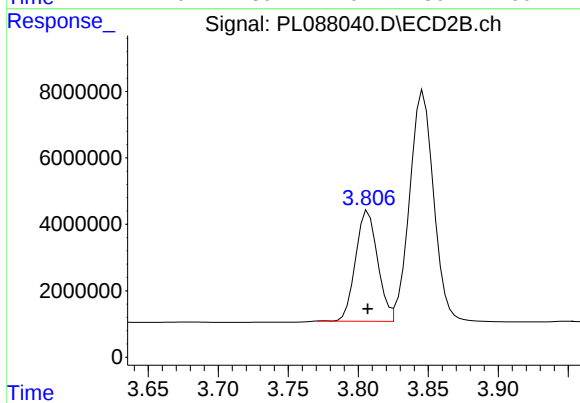
#5 Aldrin

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 87925363
Conc: 50.60 ng/ml



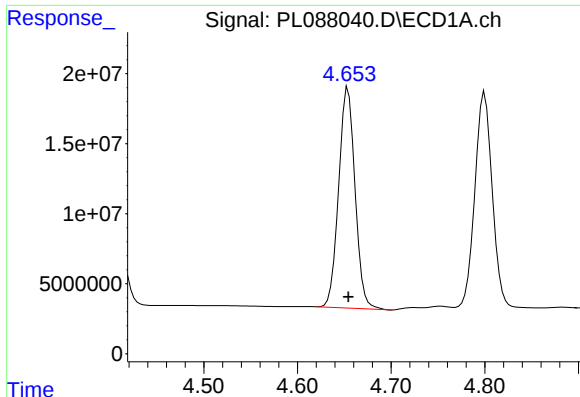
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 85130956
Conc: 46.11 ng/ml



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 36426602
Conc: 48.14 ng/ml



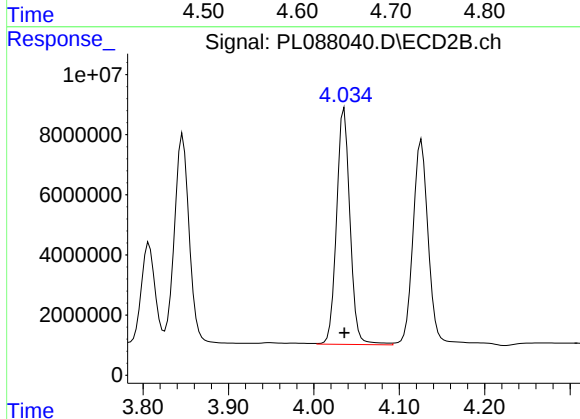
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 191855973
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

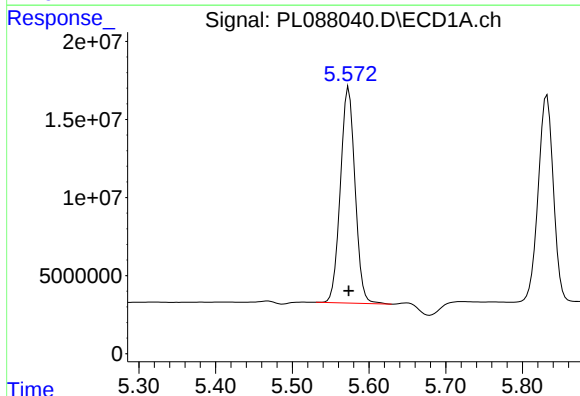
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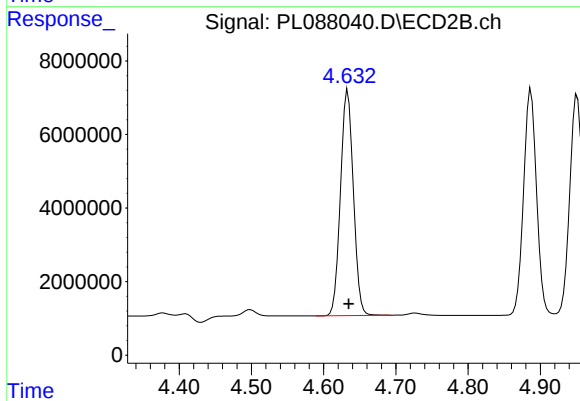
#7 delta-BHC

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 85847116
Conc: 49.37 ng/ml



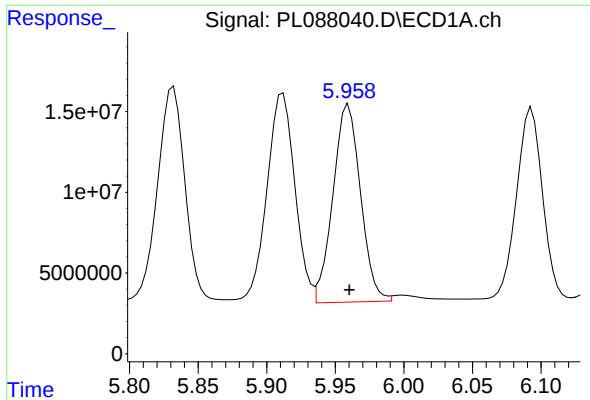
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 183576706
Conc: 48.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 75820560
Conc: 48.69 ng/ml



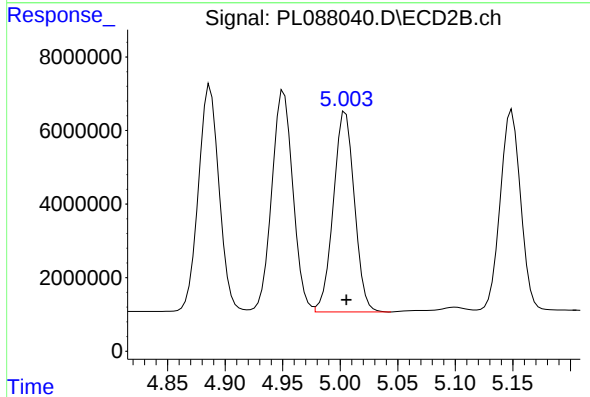
#9 Endosulfan I

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 171350166
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

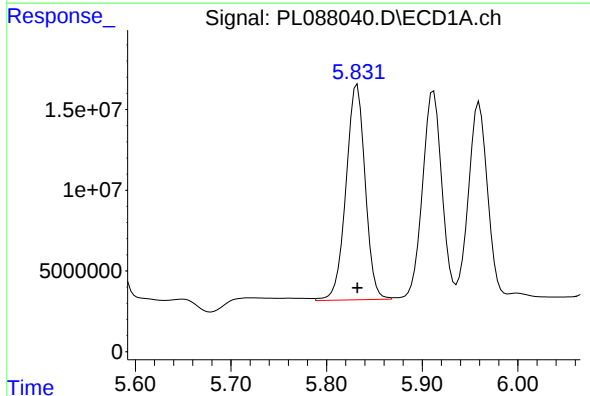
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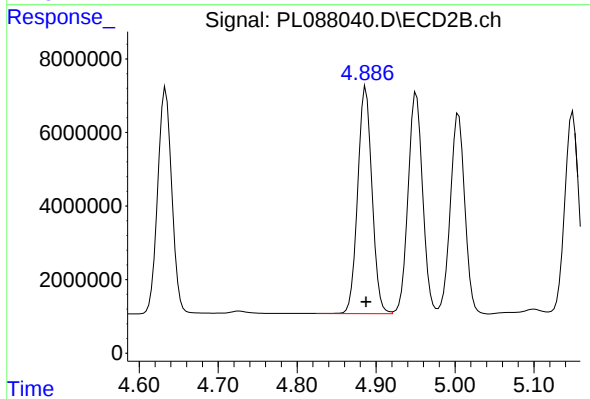
#9 Endosulfan I

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 69418211
Conc: 49.06 ng/ml



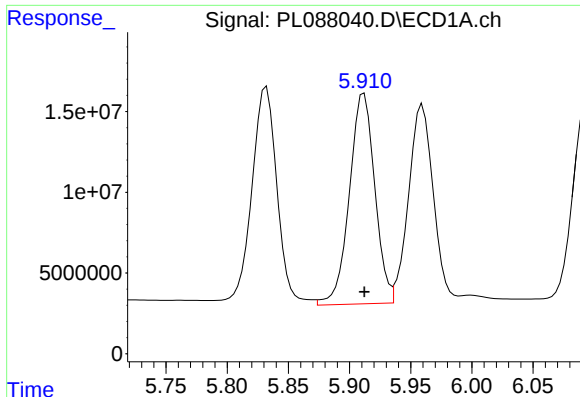
#10 gamma-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 186437750
Conc: 50.36 ng/ml m



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 77480103
Conc: 50.19 ng/ml



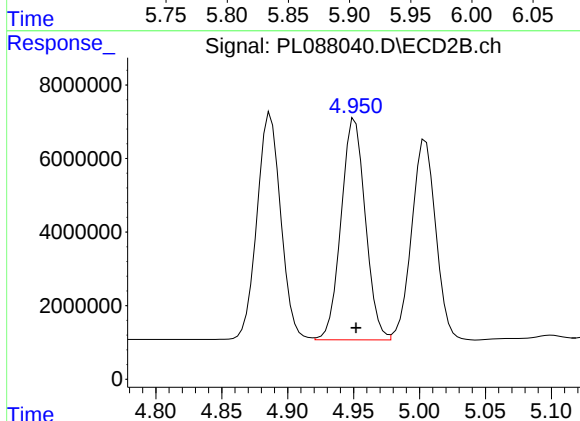
#11 alpha-Chlordane

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 188368679
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

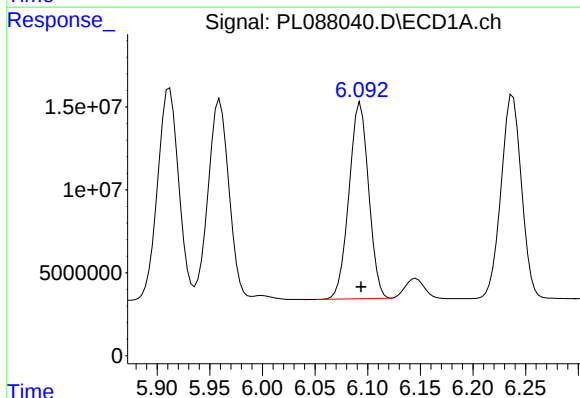
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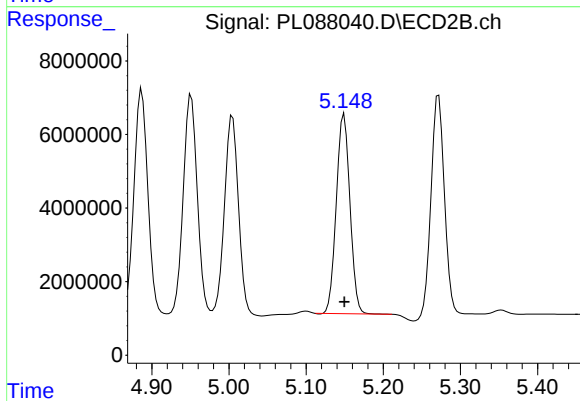
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 76959352
Conc: 49.38 ng/ml



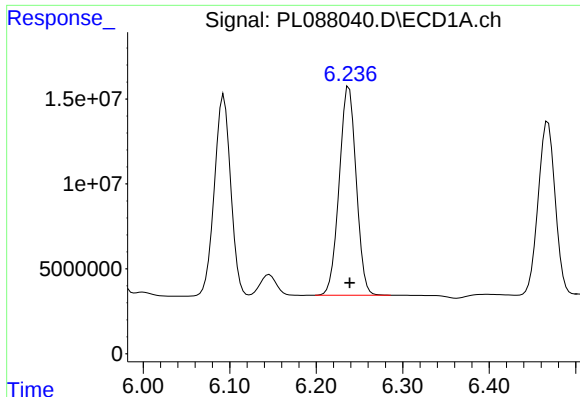
#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 153986195
Conc: 51.20 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 66707403
Conc: 52.22 ng/ml



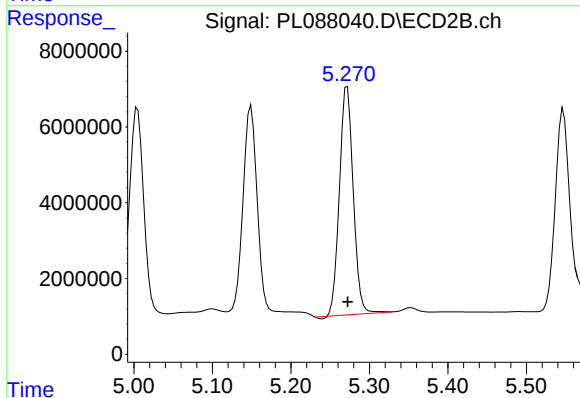
#13 Dieldrin

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 166687559
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

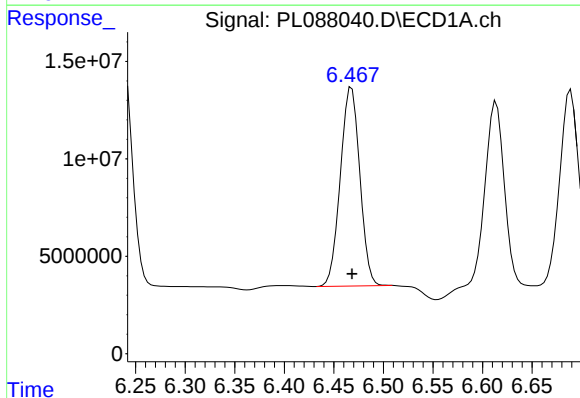
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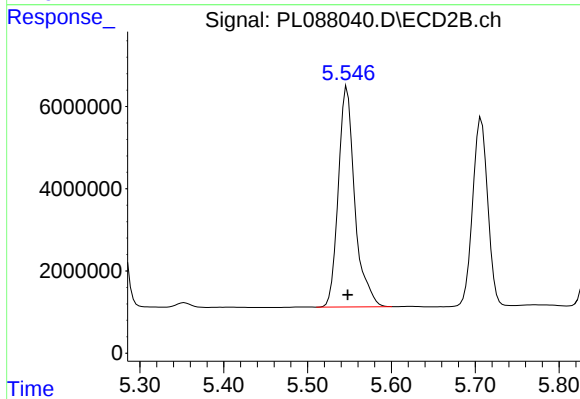
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 73489989
Conc: 47.94 ng/ml



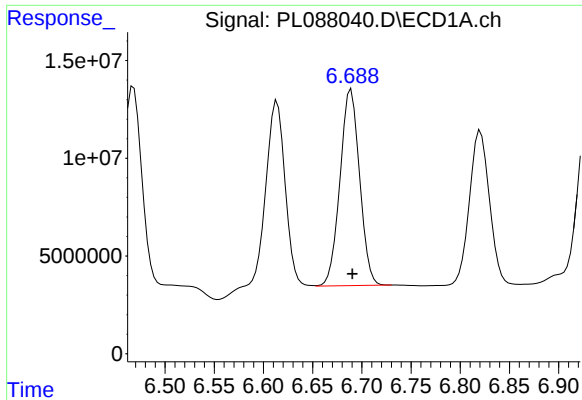
#14 Endrin

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 139599590
Conc: 46.21 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 73129993
Conc: 54.00 ng/ml



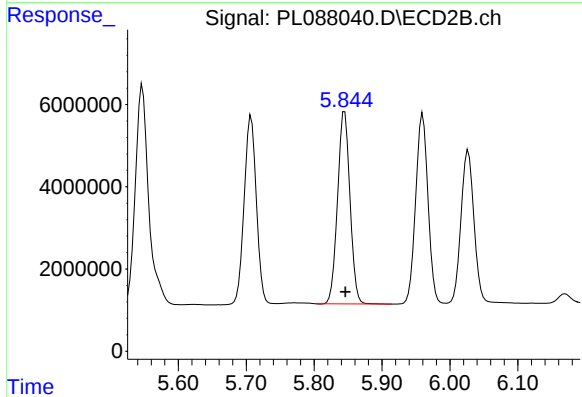
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: -0.001 min
Response: 139153939
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

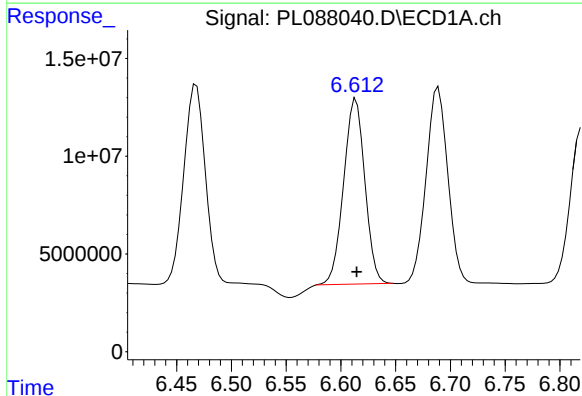
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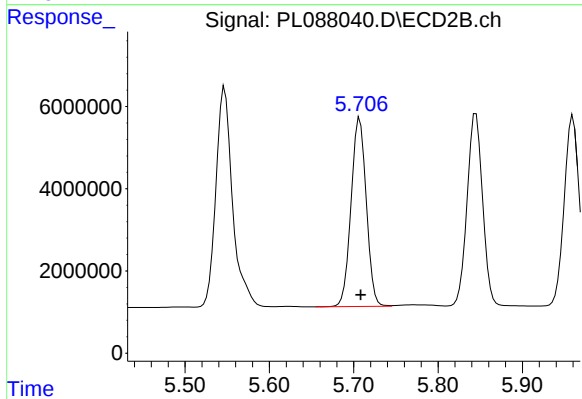
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 59628940
Conc: 45.74 ng/ml



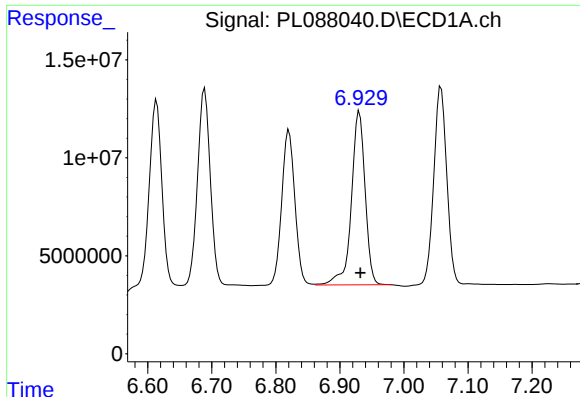
#16 4,4'-DDD

R.T.: 6.612 min
Delta R.T.: -0.002 min
Response: 127645794
Conc: 53.05 ng/ml m



#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 57510726
Conc: 54.69 ng/ml



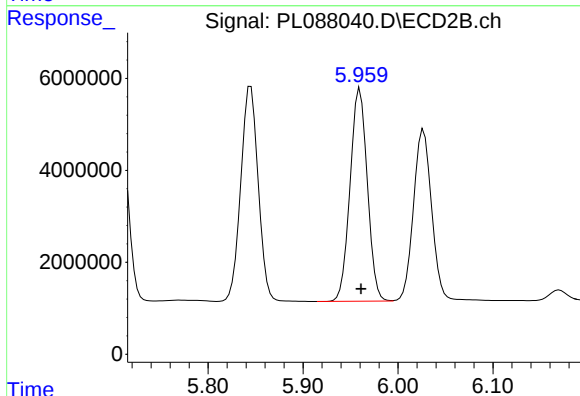
#17 4,4'-DDT

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 131873034
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

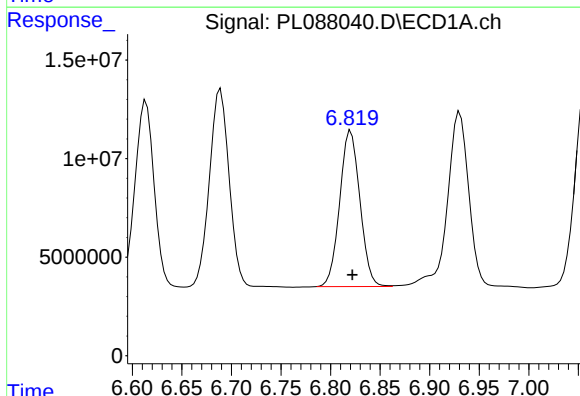
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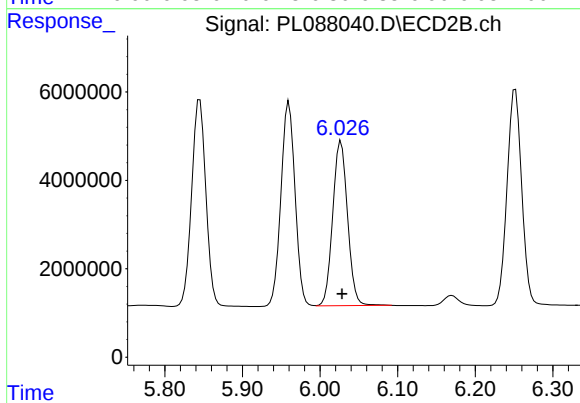
#17 4,4'-DDT

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 58413057
Conc: 49.22 ng/ml



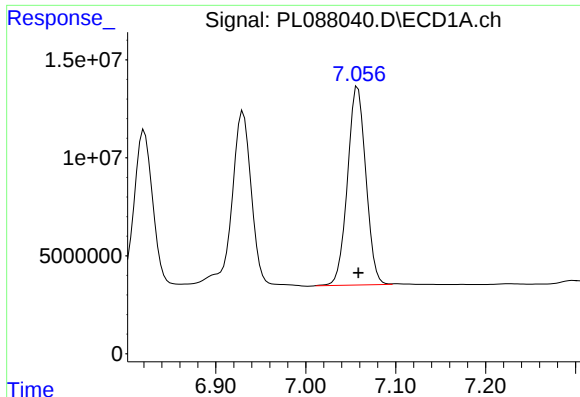
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 112396117
Conc: 48.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 49506386
Conc: 49.03 ng/ml



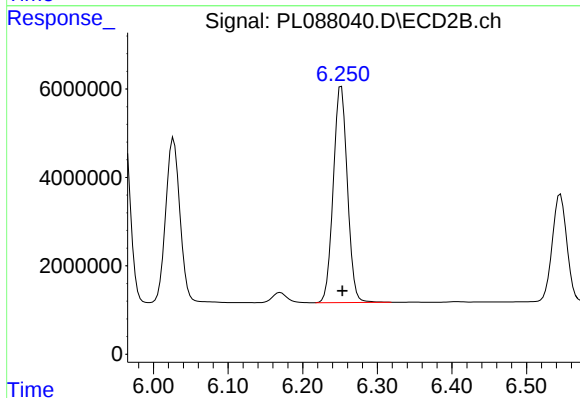
#19 Endosulfan Sulfate

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 143399314
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

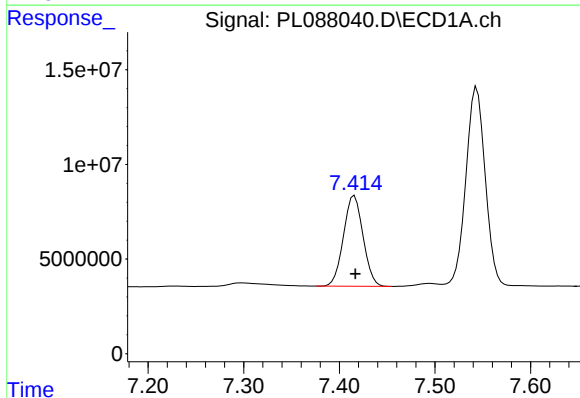
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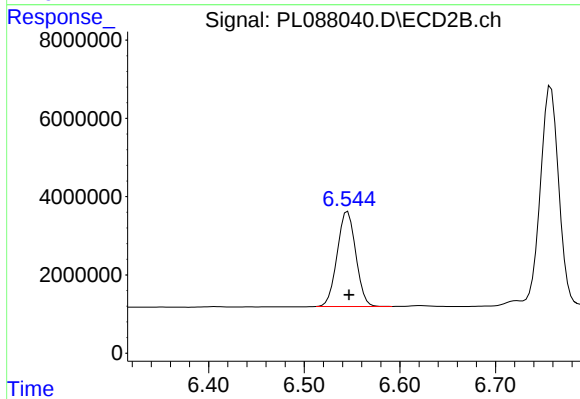
#19 Endosulfan Sulfate

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 64345316
Conc: 50.67 ng/ml



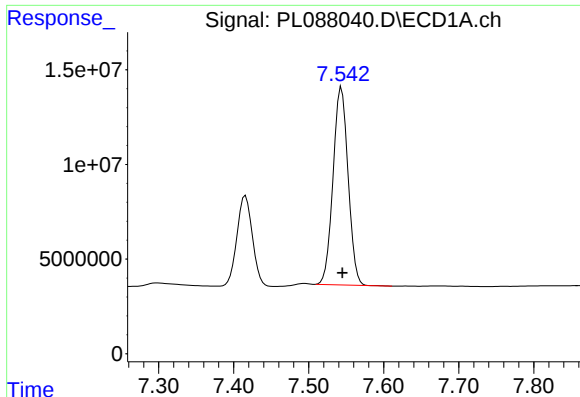
#20 Methoxychlor

R.T.: 7.416 min
Delta R.T.: -0.001 min
Response: 68293063
Conc: 43.95 ng/ml



#20 Methoxychlor

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 32854838
Conc: 46.29 ng/ml



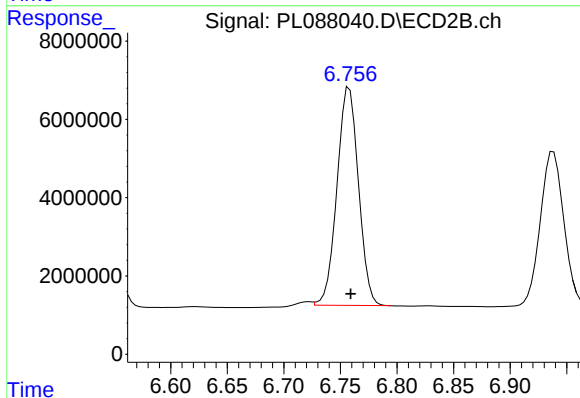
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.001 min
Response: 145518306
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

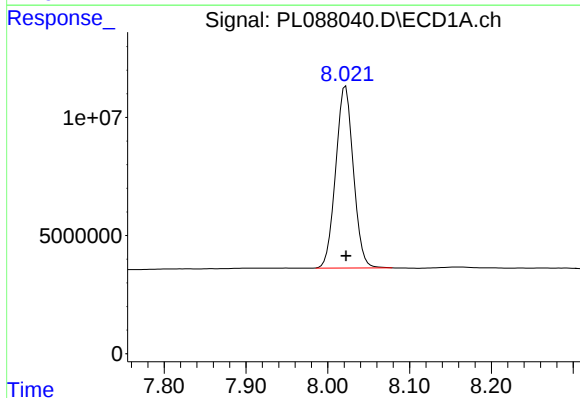
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2024
Supervised By :Ankita Jodhani 01/31/2024



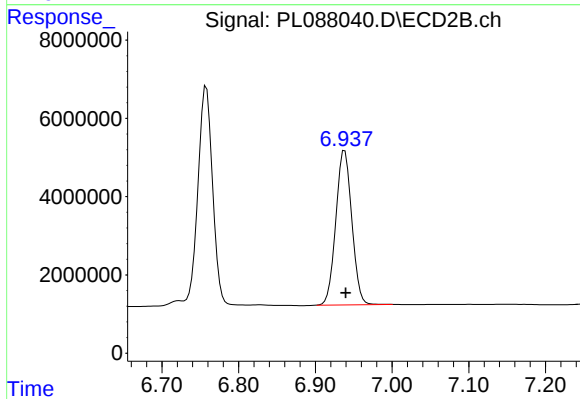
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 73593403
Conc: 49.57 ng/ml m



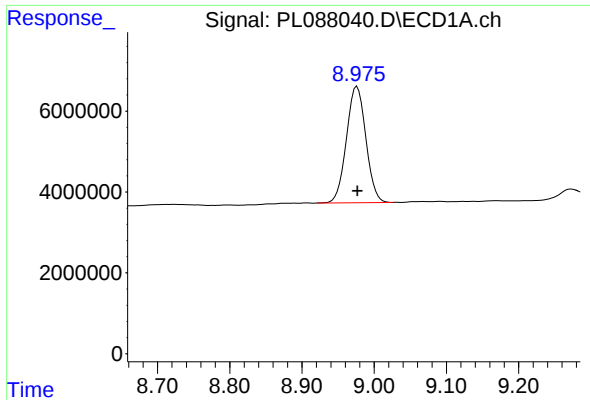
#22 Mirex

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 115163589
Conc: 42.79 ng/ml



#22 Mirex

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 57172825
Conc: 44.38 ng/ml



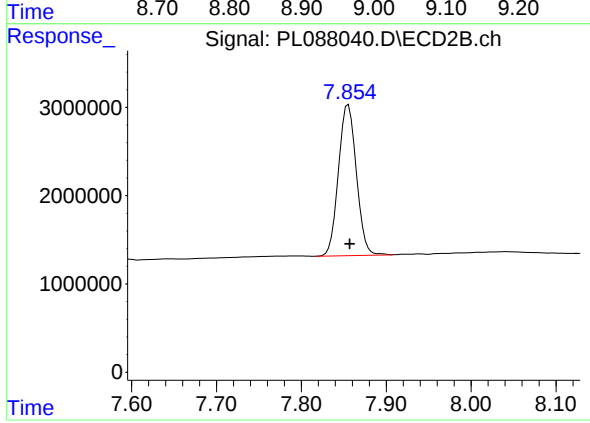
#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 53618367
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158673BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.855 min
Delta R.T.: -0.002 min
Response: 25080124
Conc: 20.62 ng/ml