

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2022 02:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 05:08:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 2022
 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...	3.416	2.627	81806582	142.7E6	47.846	53.930
2) SA Decachlor...	8.902	7.722	63686191	108.1E6	42.460	54.826 #
Target Compounds						
2) A alpha-BHC	3.881	3.119	122.7E6	220.0E6	47.823	54.947
3) MA gamma-BHC...	4.216	3.443	113.7E6	195.4E6	47.506	62.521 #
4) MA Heptachlor	4.791	3.774	115.1E6	192.7E6	49.177	58.065
5) MB Aldrin	5.132	4.048	102.7E6	185.0E6	46.295	58.463 #
6) B beta-BHC	4.428	3.742	49103014	81020431	47.859	56.612
7) B delta-BHC	4.672	3.965	100.9E6	199.9E6	53.565	56.251
8) B Heptachlo...	5.563	4.547	89713312	163.3E6	56.076m	59.705
9) A Endosulfan I	5.951	4.912	82648253	151.1E6	47.067	58.545
10) B gamma-Chl...	5.820	4.796	90773596	163.8E6	48.403	58.481
11) B alpha-Chl...	5.897	4.858	89253142	158.7E6	47.321	58.953
12) B 4,4'-DDE	6.076	5.053	82692807	156.6E6	47.209	57.678
13) MA Dieldrin	6.227	5.175	82100262	161.7E6	44.892	59.024 #
14) MA Endrin	6.460	5.447	71232304	131.5E6	47.047	63.796 #
15) B Endosulfa...	6.687	5.743	67251762	126.5E6	41.485	53.770 #
16) A 4,4'-DDD	6.600	5.605	61161790	123.8E6	46.303	60.096 #
17) MA 4,4'-DDT	6.911	5.853	66580199	127.1E6	41.996	59.551 #
18) B Endrin al...	6.818	5.923	53876863	96911286	46.184	55.723
19) B Endosulfa...	7.052	6.146	64761422	125.2E6	43.616	56.719 #
20) A Methoxychlor	7.392	6.431	34608636	63872453	43.631	54.356
21) B Endrin ke...	7.540	6.645	67989458	143.0E6	44.041	58.955 #
22) Mirex	7.999	6.821	52454397	97211248	43.141	55.527 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
Data File : PL077643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2022 02:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

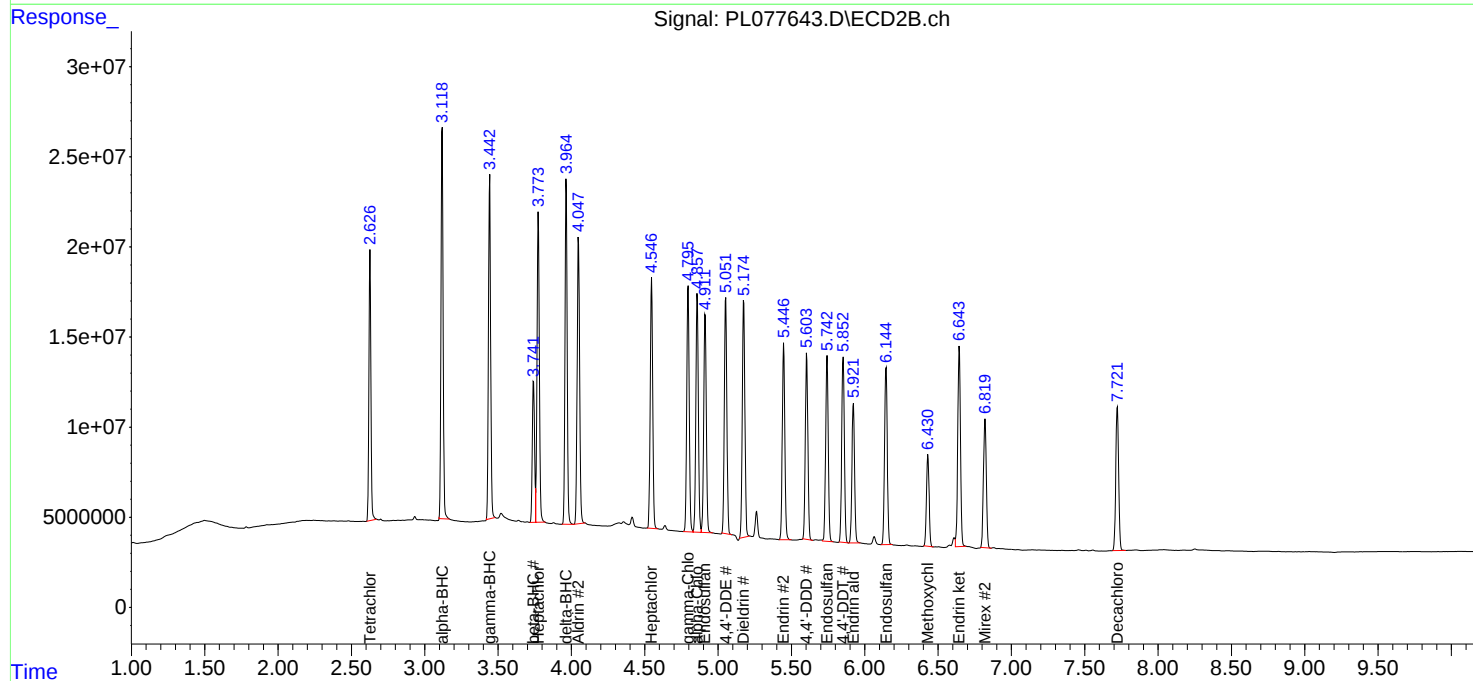
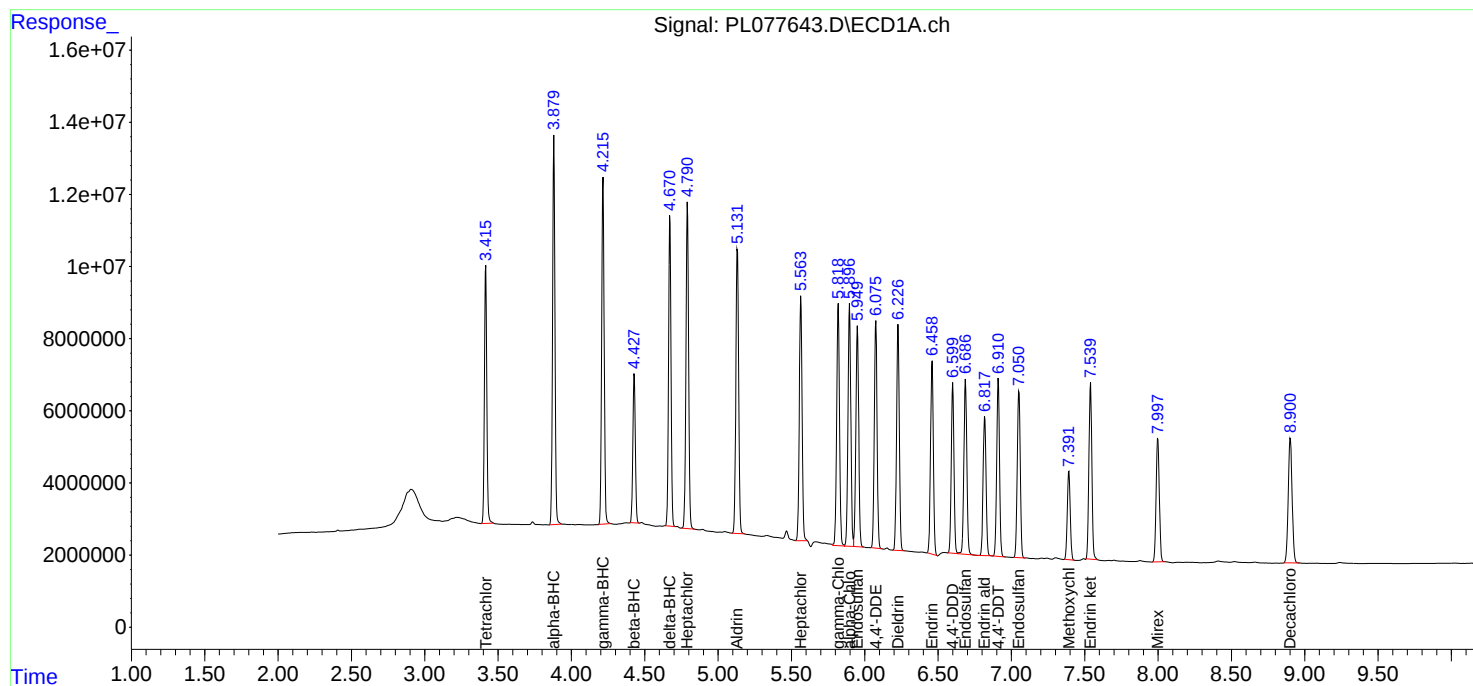
Manual Integrations

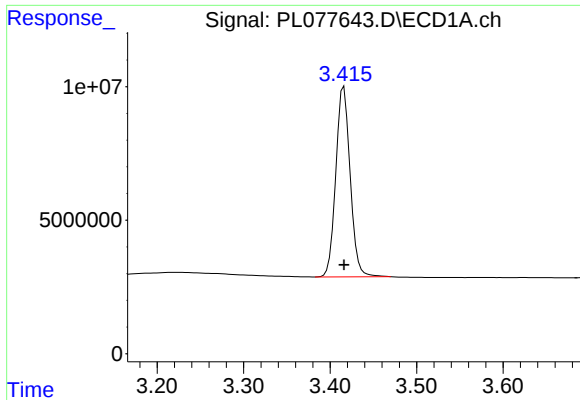
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 05:08:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
Quant Title : GC Extractables
QLast Update : Wed Sep 07 14:34:08 2022
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





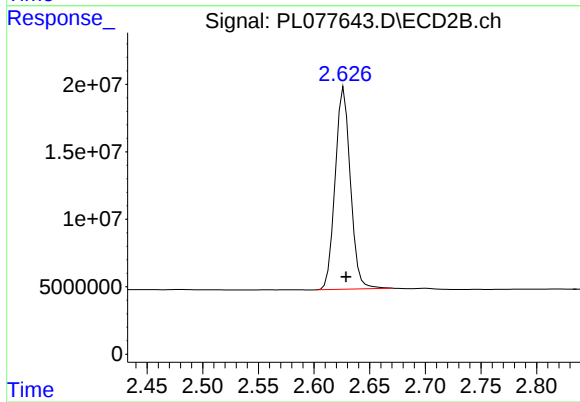
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 81806582
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

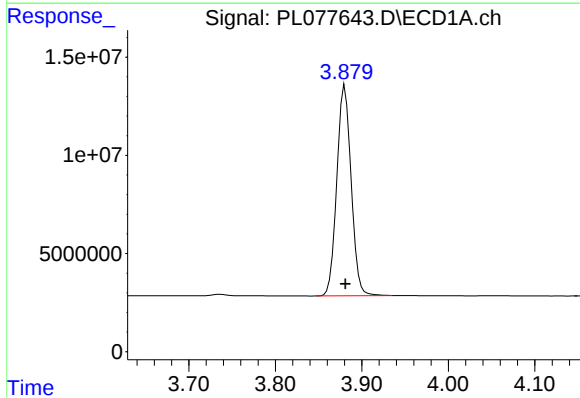
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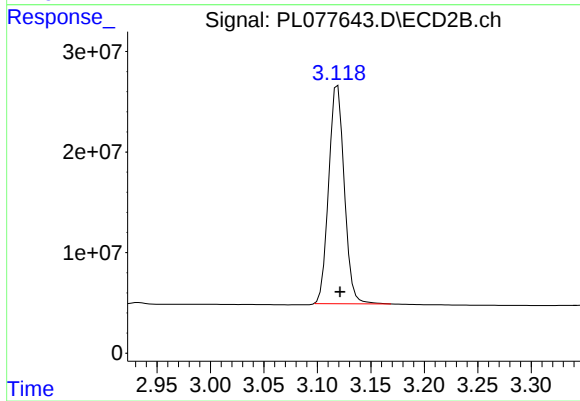
#1 Tetrachloro-m-xylene

R.T.: 2.627 min
Delta R.T.: -0.002 min
Response: 142706545
Conc: 53.93 ng/ml



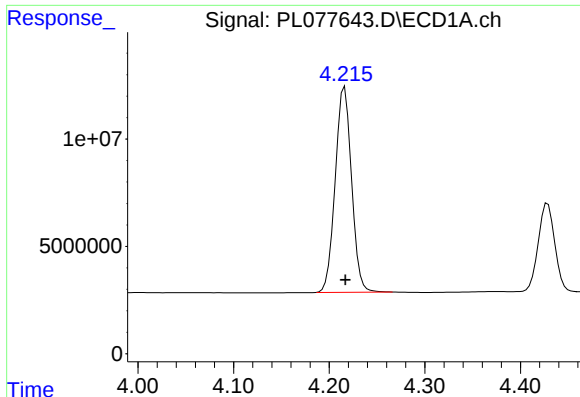
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 122735807
Conc: 47.82 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 220047099
Conc: 54.95 ng/ml



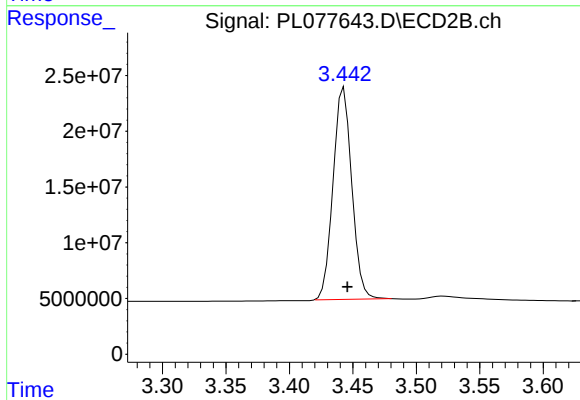
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 113682215
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

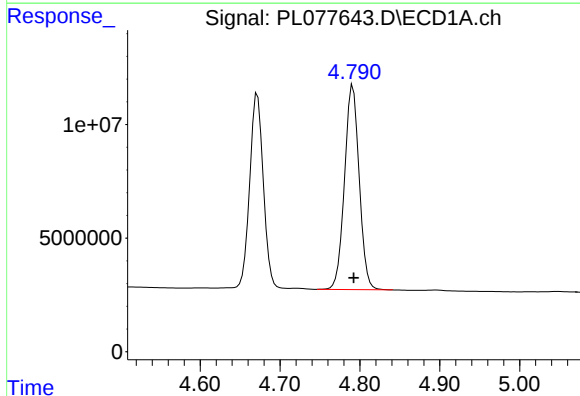
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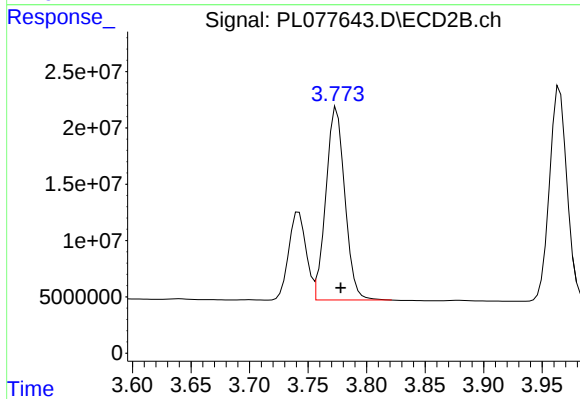
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: -0.003 min
Response: 195449171
Conc: 62.52 ng/ml



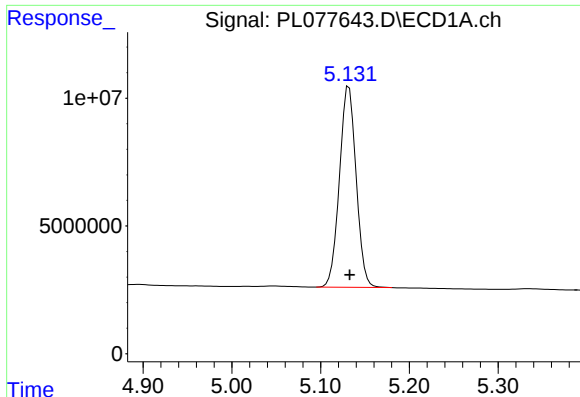
#4 Heptachlor

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 115064378
Conc: 49.18 ng/ml



#4 Heptachlor

R.T.: 3.774 min
Delta R.T.: -0.003 min
Response: 192699564
Conc: 58.07 ng/ml



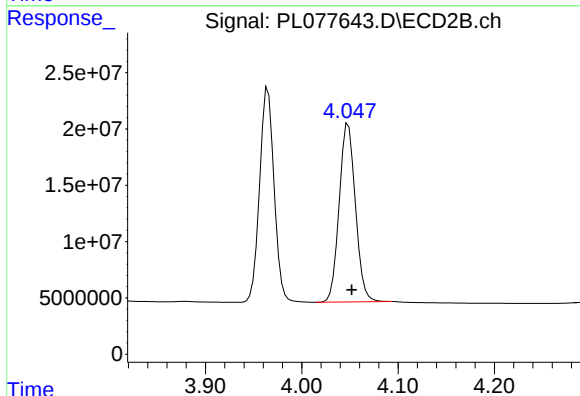
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.001 min
Response: 102697940
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

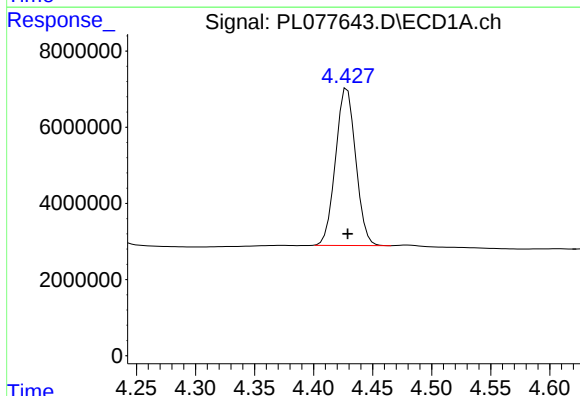
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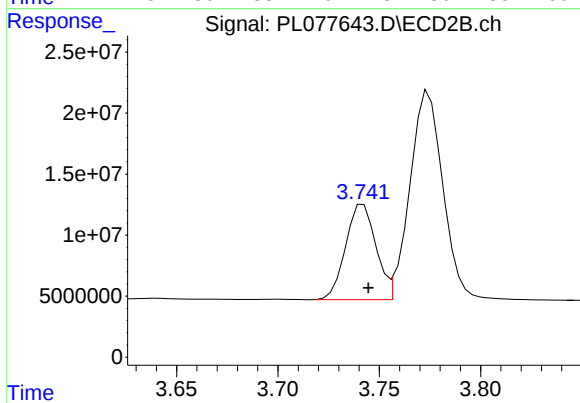
#5 Aldrin

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 185045969
Conc: 58.46 ng/ml



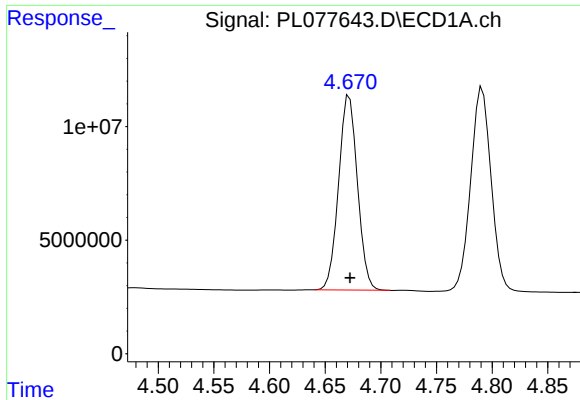
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 49103014
Conc: 47.86 ng/ml



#6 beta-BHC

R.T.: 3.742 min
Delta R.T.: -0.003 min
Response: 81020431
Conc: 56.61 ng/ml



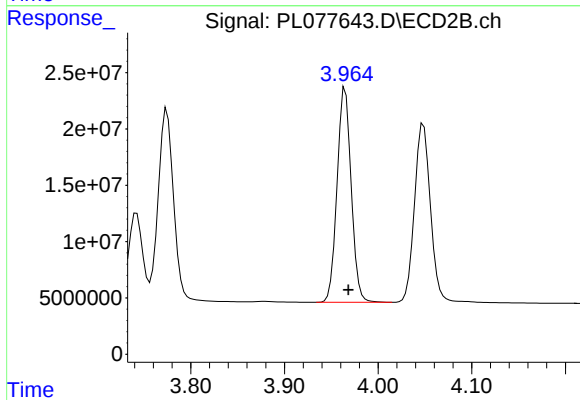
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 100855406
Conc: 53.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

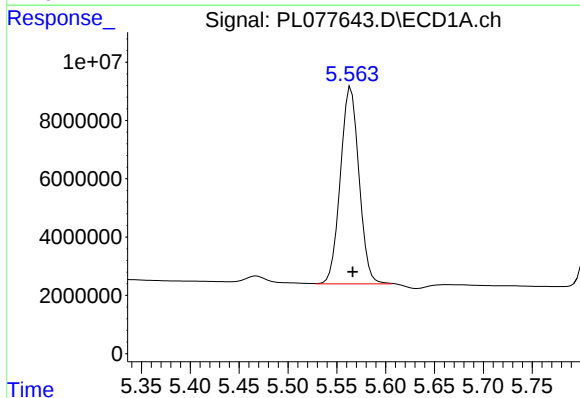
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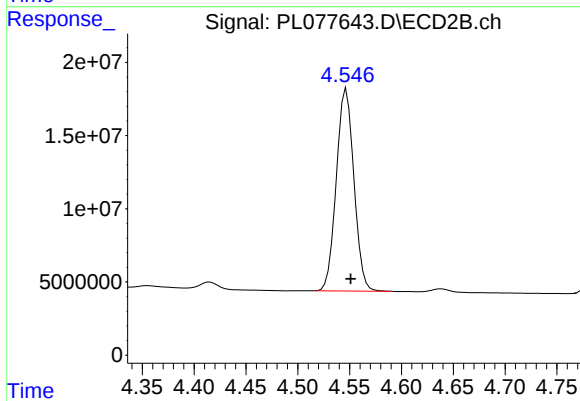
#7 delta-BHC

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 199872966
Conc: 56.25 ng/ml



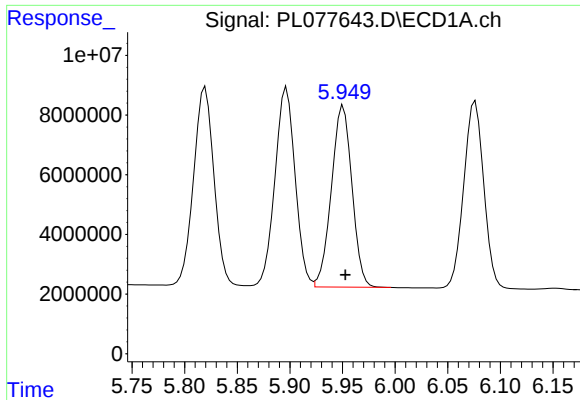
#8 Heptachlor epoxide

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 89713312
Conc: 56.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 163256602
Conc: 59.71 ng/ml



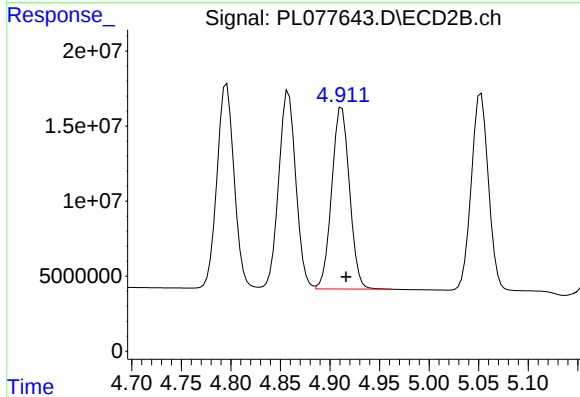
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 82648253
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

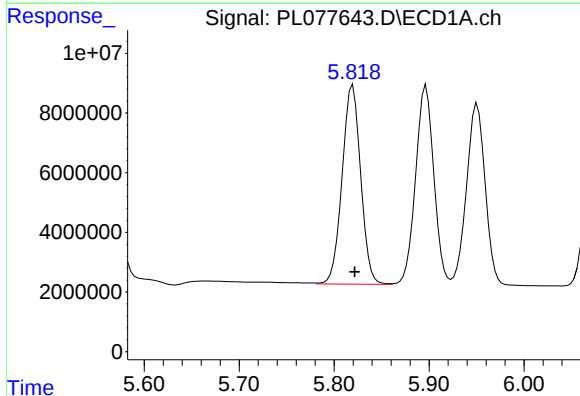
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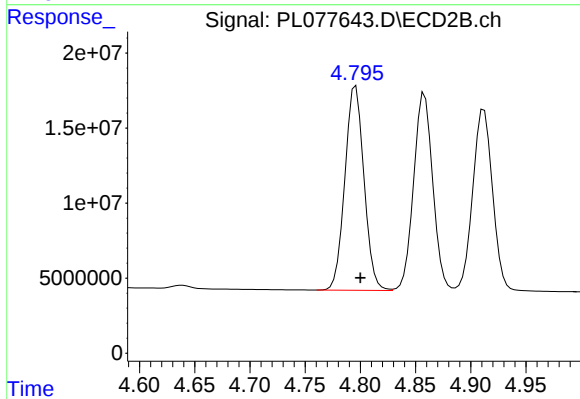
#9 Endosulfan I

R.T.: 4.912 min
Delta R.T.: -0.004 min
Response: 151095493
Conc: 58.54 ng/ml



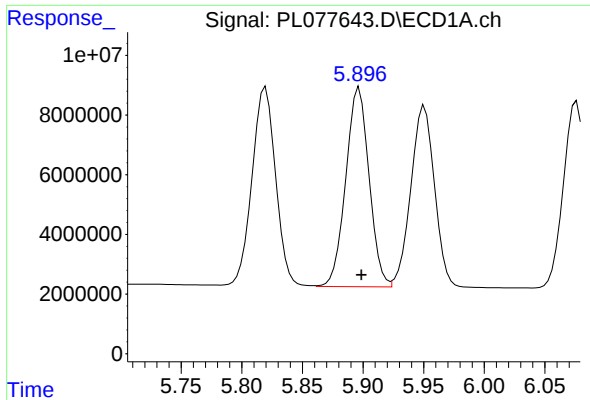
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 90773596
Conc: 48.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 163780957
Conc: 58.48 ng/ml



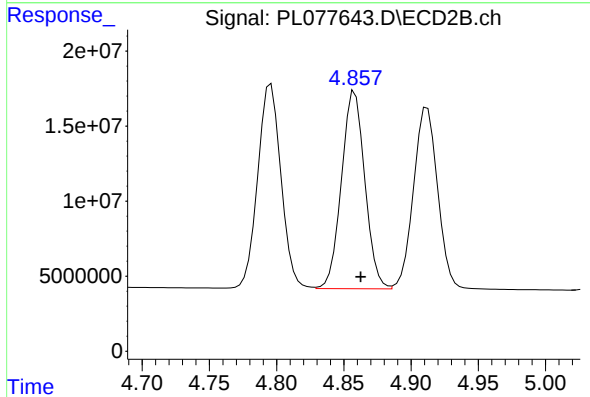
#11 alpha-Chlordane

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 89253142
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

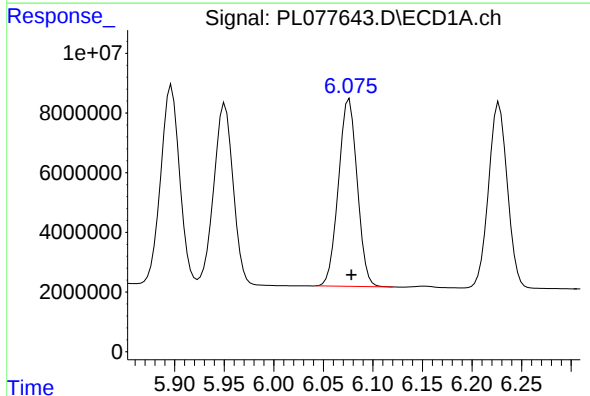
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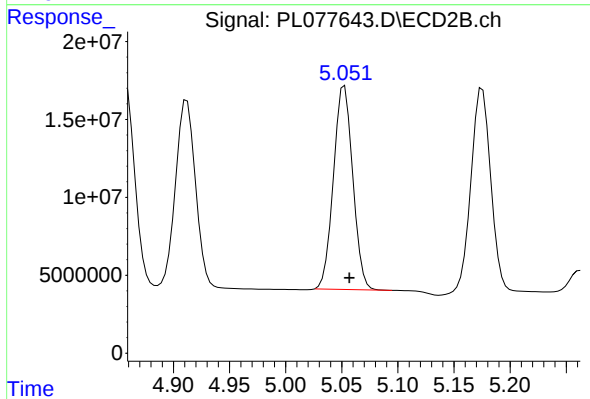
#11 alpha-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 158745148
Conc: 58.95 ng/ml



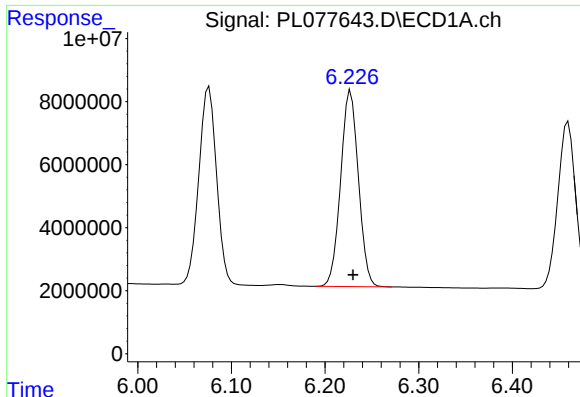
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 82692807
Conc: 47.21 ng/ml



#12 4,4'-DDE

R.T.: 5.053 min
Delta R.T.: -0.004 min
Response: 156556948
Conc: 57.68 ng/ml



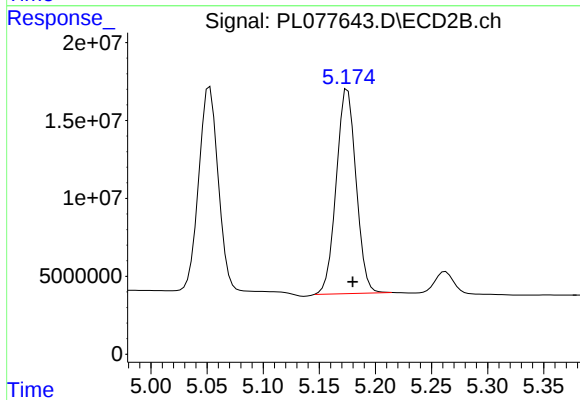
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 82100262
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

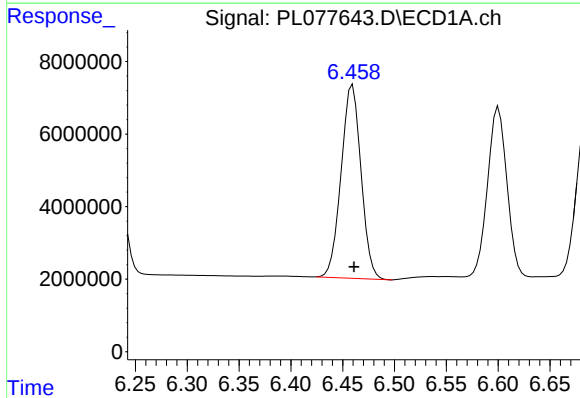
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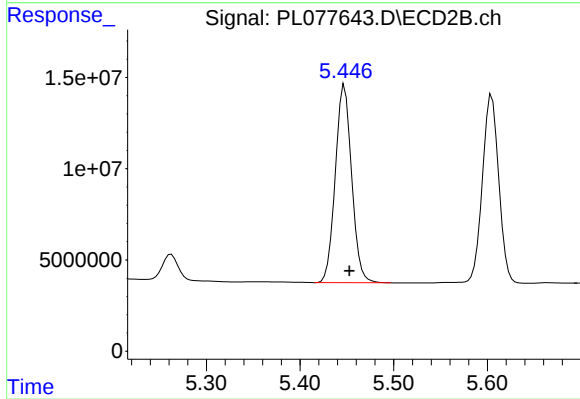
#13 Dieldrin

R.T.: 5.175 min
Delta R.T.: -0.004 min
Response: 161710029
Conc: 59.02 ng/ml



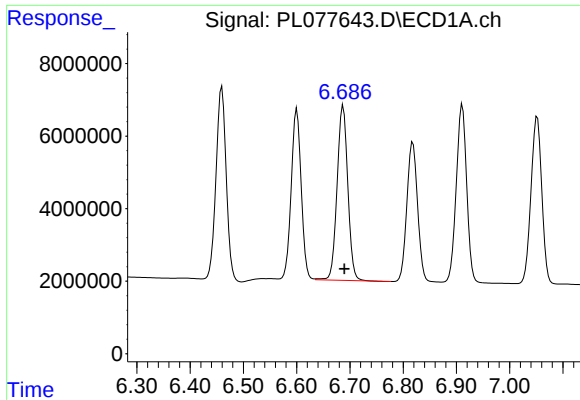
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.001 min
Response: 71232304
Conc: 47.05 ng/ml



#14 Endrin

R.T.: 5.447 min
Delta R.T.: -0.005 min
Response: 131507576
Conc: 63.80 ng/ml



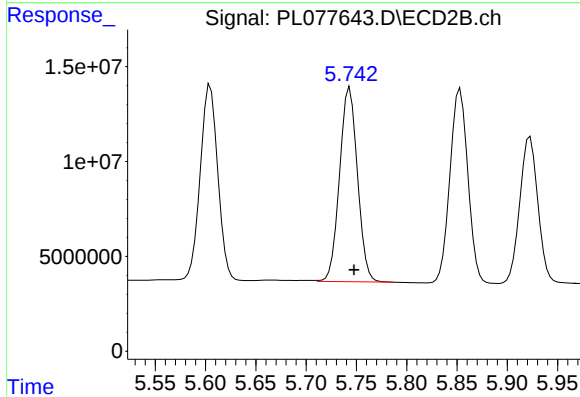
#15 Endosulfan II

R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 67251762
Conc: 41.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

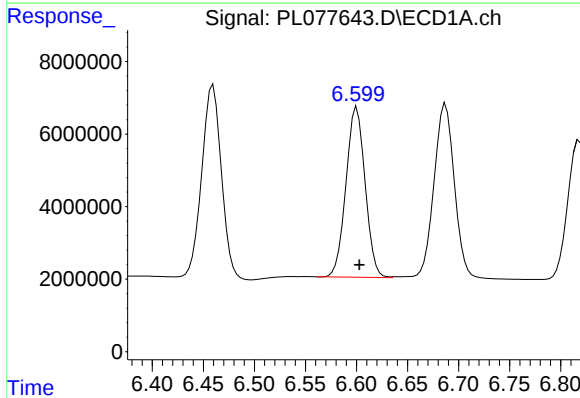
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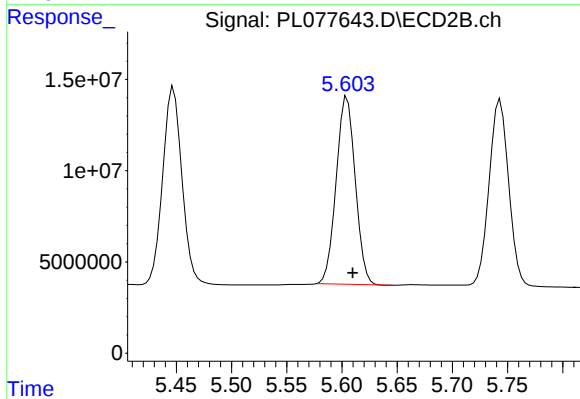
#15 Endosulfan II

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 126463176
Conc: 53.77 ng/ml



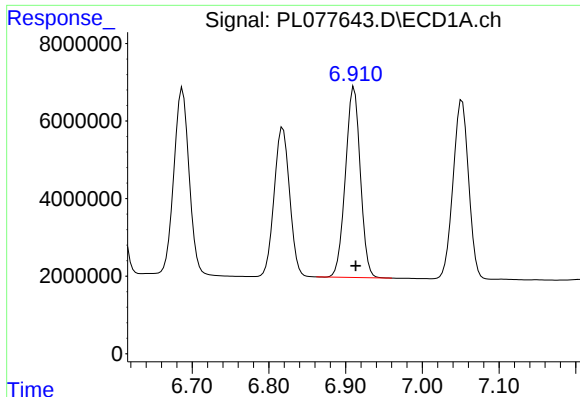
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 61161790
Conc: 46.30 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 123779479
Conc: 60.10 ng/ml



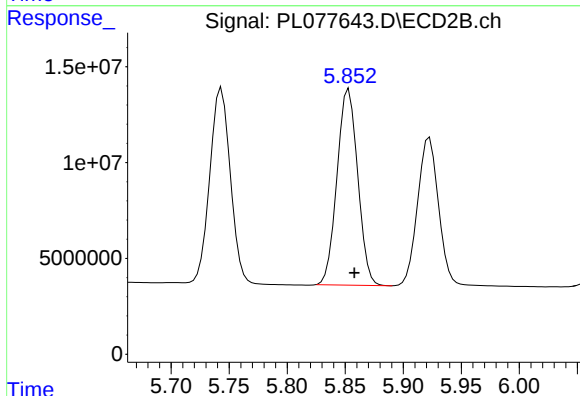
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 66580199
Conc: 42.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

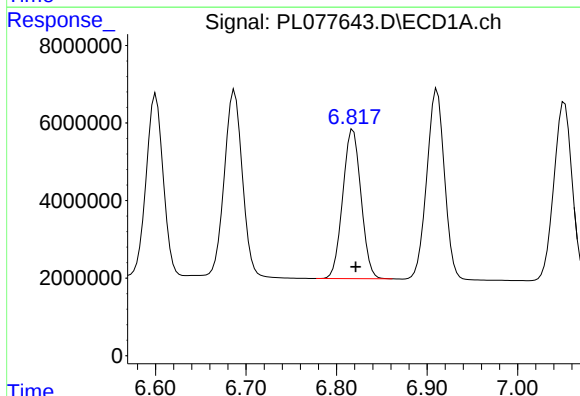
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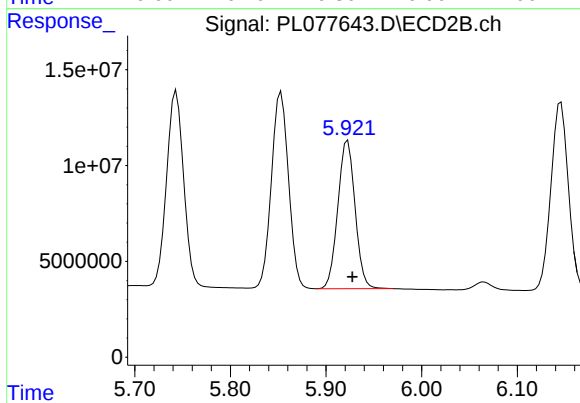
#17 4,4'-DDT

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 127121981
Conc: 59.55 ng/ml



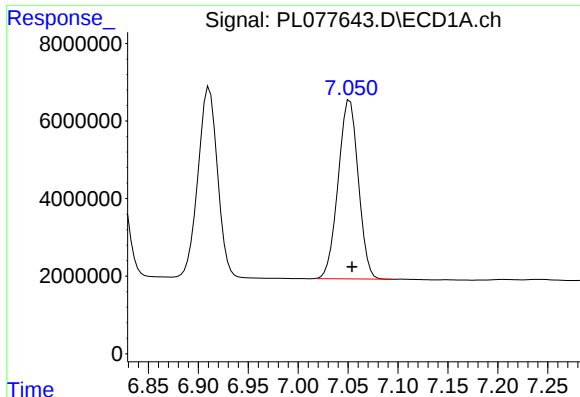
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: -0.003 min
Response: 53876863
Conc: 46.18 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 96911286
Conc: 55.72 ng/ml



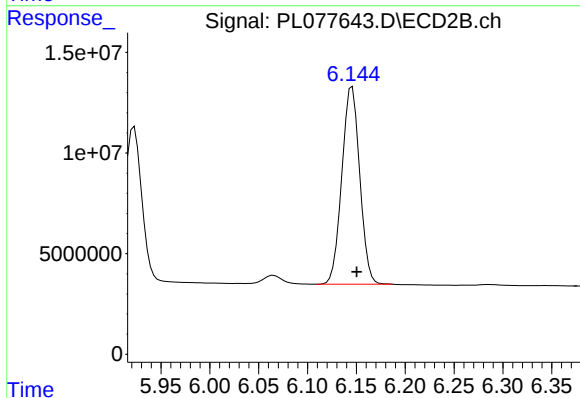
#19 Endosulfan Sulfate

R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 64761422
Conc: 43.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

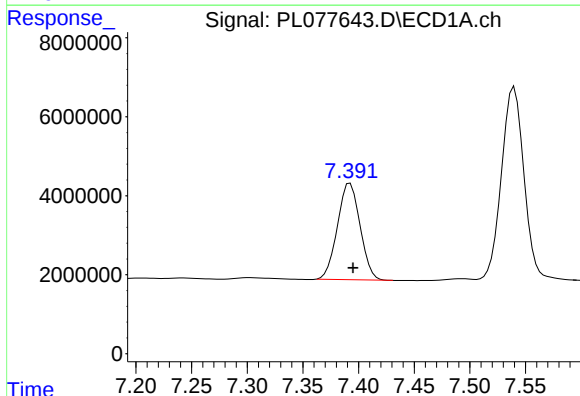
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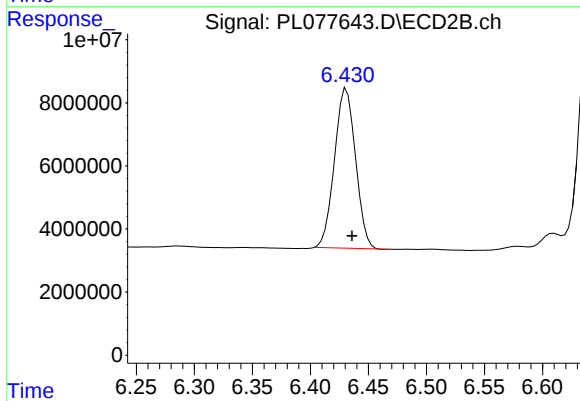
#19 Endosulfan Sulfate

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 125162573
Conc: 56.72 ng/ml



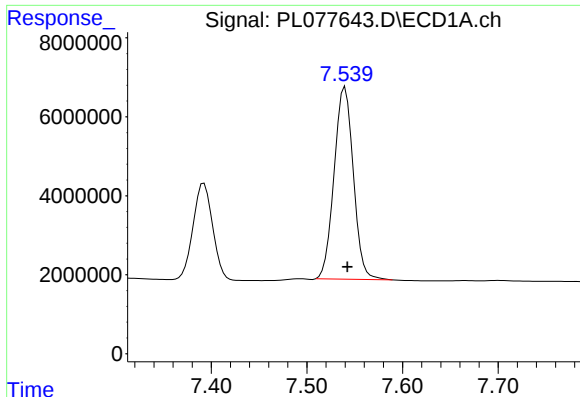
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 34608636
Conc: 43.63 ng/ml



#20 Methoxychlor

R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 63872453
Conc: 54.36 ng/ml



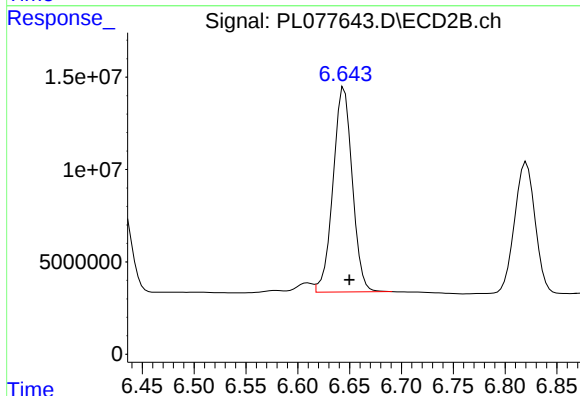
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: -0.003 min
Response: 67989458
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

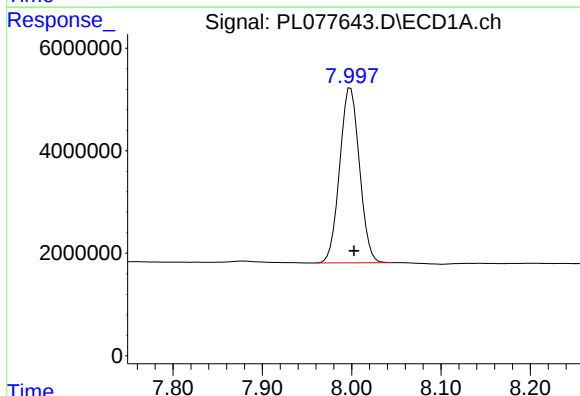
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



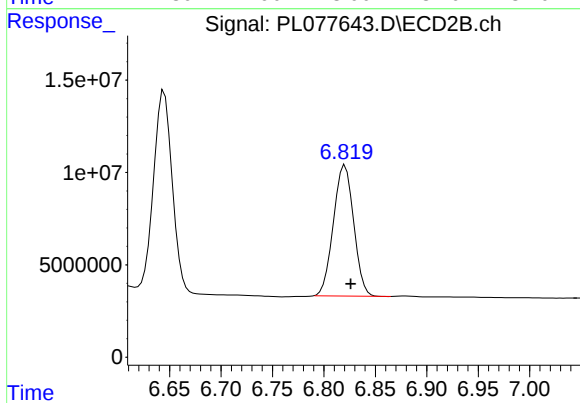
#21 Endrin ketone

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 142993936
Conc: 58.96 ng/ml



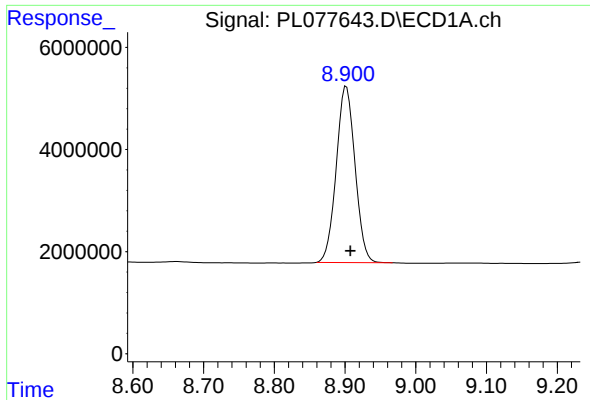
#22 Mirex

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 52454397
Conc: 43.14 ng/ml



#22 Mirex

R.T.: 6.821 min
Delta R.T.: -0.006 min
Response: 97211248
Conc: 55.53 ng/ml



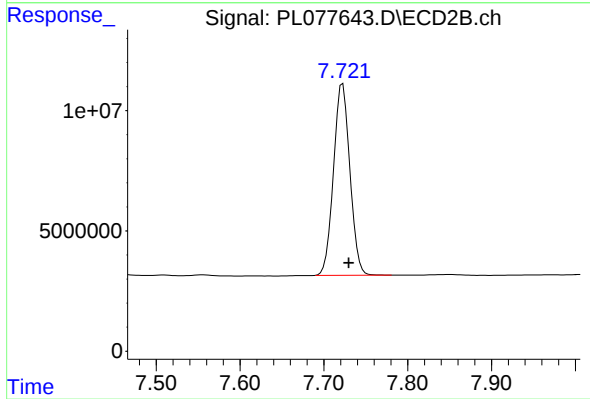
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 63686191
Conc: 42.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



#28 Decachlorobiphenyl

R.T.: 7.722 min
Delta R.T.: -0.007 min
Response: 108120675
Conc: 54.83 ng/ml