

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101724\
 Data File : PL092431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2024 12:36
 Operator : AR\AJ
 Sample : PB164180BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164180BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 12:51:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.546	2.781	37792414	40617035	16.988	16.194
28)	SA Decachlor...	9.061	7.920	31052771	46095225	18.955	18.424
Target Compounds							
2)	A alpha-BHC	4.001	3.284	122.0E6	146.9E6	39.407	40.330
3)	MA gamma-BHC...	4.334	3.614	116.9E6	139.3E6	37.725	39.460
4)	MA Heptachlor	4.923	3.953	113.8E6	147.0E6	41.166	42.588
5)	MB Aldrin	5.264	4.232	105.8E6	136.5E6	38.102	40.132m
6)	B beta-BHC	4.531	3.914	52868648	62906219	39.859	41.851
7)	B delta-BHC	4.779	4.143	111.8E6	143.8E6	38.751	41.417
8)	B Heptachlo...	5.690	4.736	106.5E6	129.1E6	41.841	42.723
9)	A Endosulfan I	6.076	5.105	95788278	112.0E6	41.406	40.798
10)	B gamma-Chl...	5.945	4.986	99604168	131.8E6	40.306m	43.807
11)	B alpha-Chl...	6.025	5.049	103.6E6	130.0E6	42.068	43.441
12)	B 4,4'-DDE	6.199	5.237	87542120	122.4E6	40.446	44.038m
13)	MA Dieldrin	6.350	5.370	98698719	127.0E6	40.469	43.322
14)	MA Endrin	6.580	5.645	83766836	117.2E6	40.650	44.711
15)	B Endosulfa...	6.800	5.940	88505752	109.6E6	40.235	43.780
16)	A 4,4'-DDD	6.716	5.793	67867842	94945483	37.794	44.446
17)	MA 4,4'-DDT	7.029	6.043	79309123	102.0E6	43.075	44.094
18)	B Endrin al...	6.930	6.119	68254319	84455526	39.164	41.385
19)	B Endosulfa...	7.164	6.342	81297752	107.8E6	41.012	44.680
20)	A Methoxychlor	7.505	6.619	41098035	54995994	41.864	43.985
21)	B Endrin ke...	7.649	6.846	89576955	119.9E6	40.762	43.297m
22)	Mirex	8.122	7.028	73694736	100.1E6	40.919	41.131

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101724\
Data File : PL092431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2024 12:36
Operator : AR\AJ
Sample : PB164180BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164180BSD

Manual Integrations

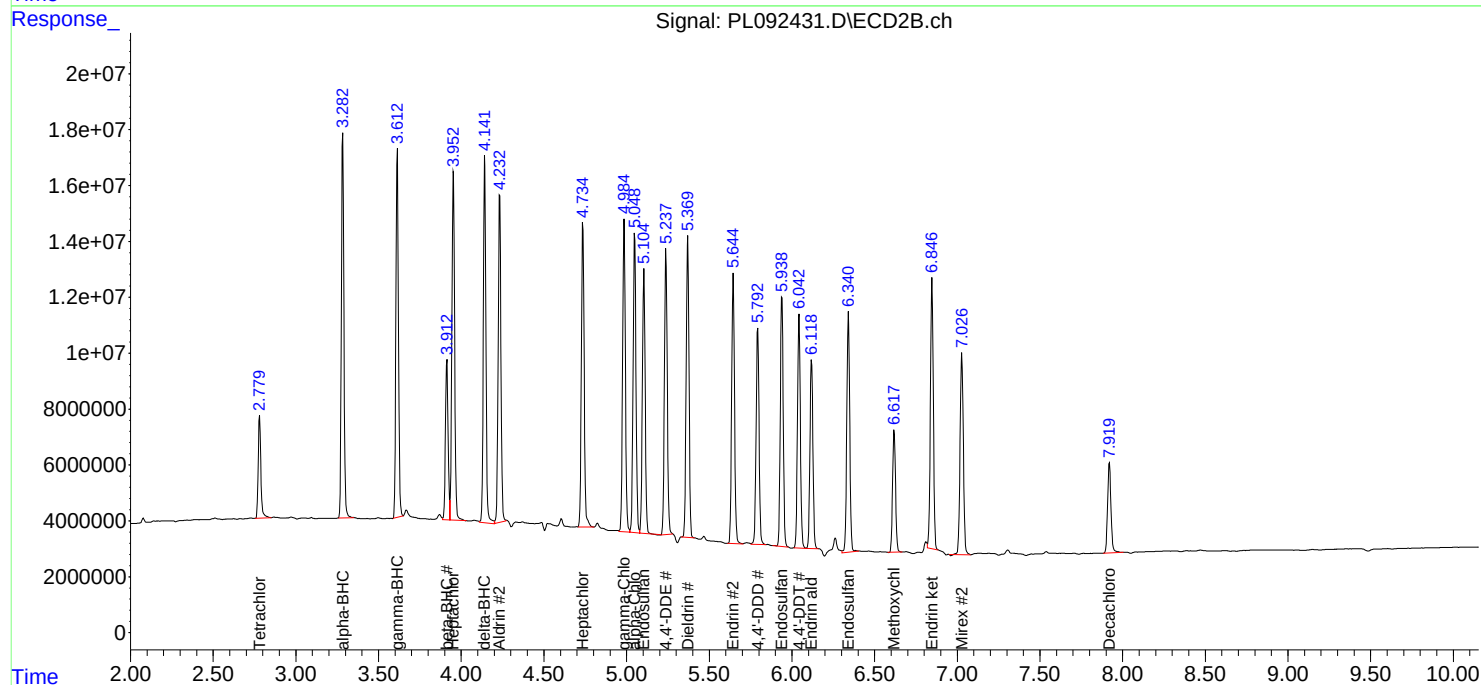
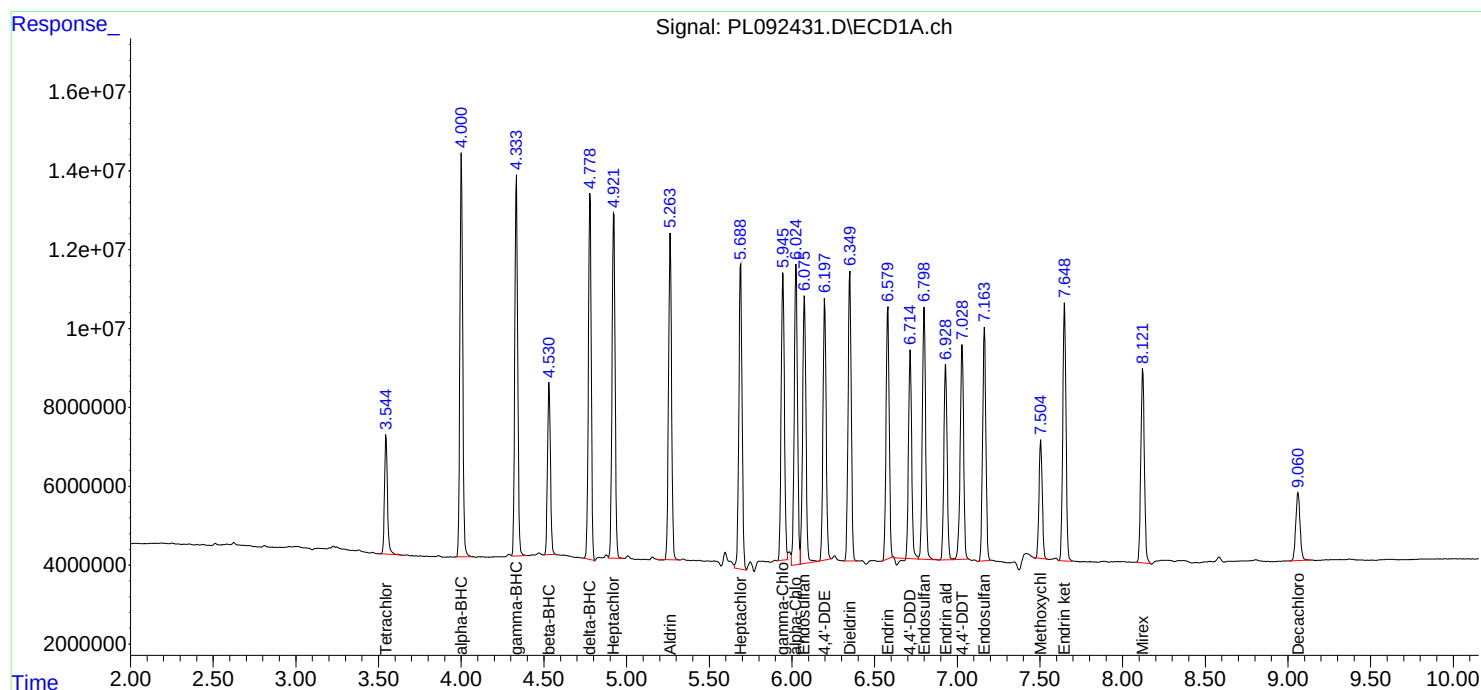
APPROVED

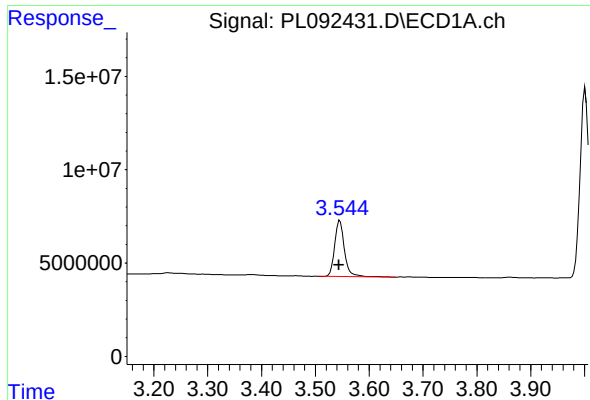
Reviewed By :Abdul Mirza 10/18/2024

Supervised By :Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 12:51:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





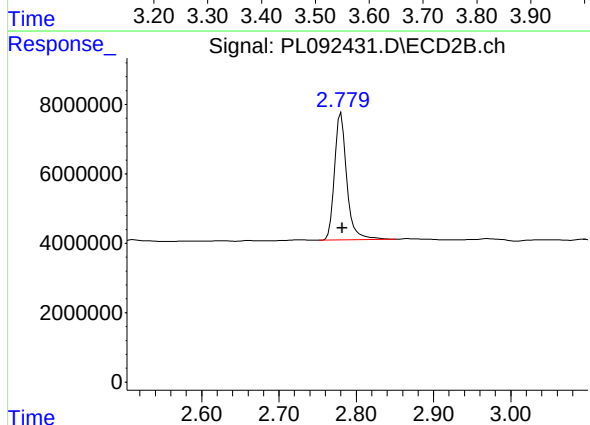
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 37792414
Conc: 16.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

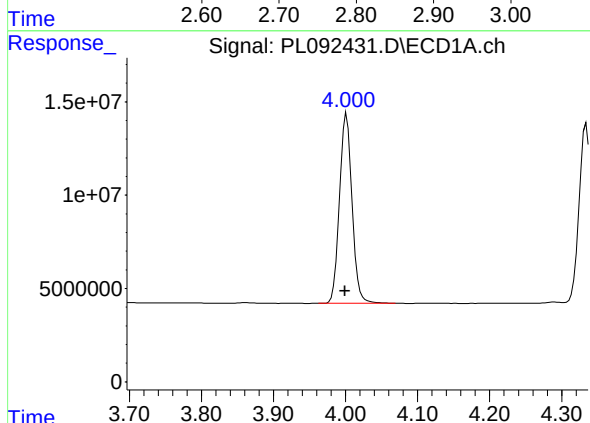
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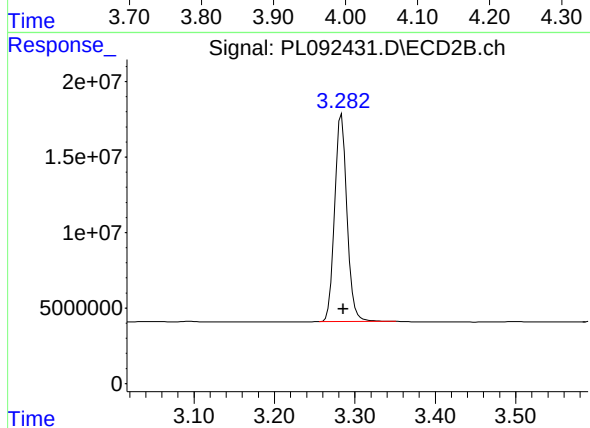
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 40617035
Conc: 16.19 ng/ml



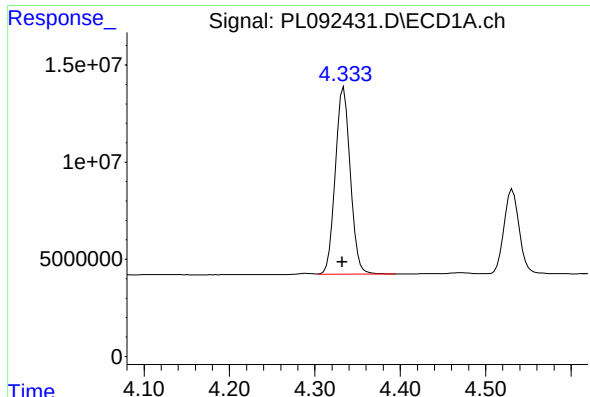
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 122023642
Conc: 39.41 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 146936511
Conc: 40.33 ng/ml



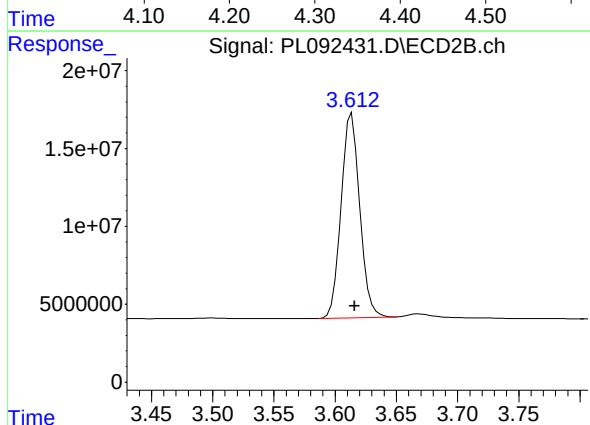
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 116903720
Conc: 37.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

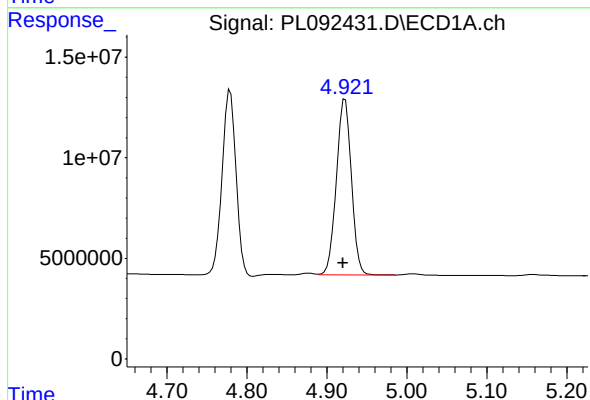
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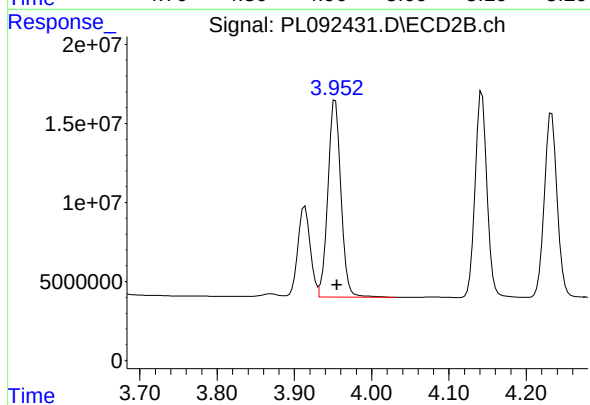
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 139331353
Conc: 39.46 ng/ml



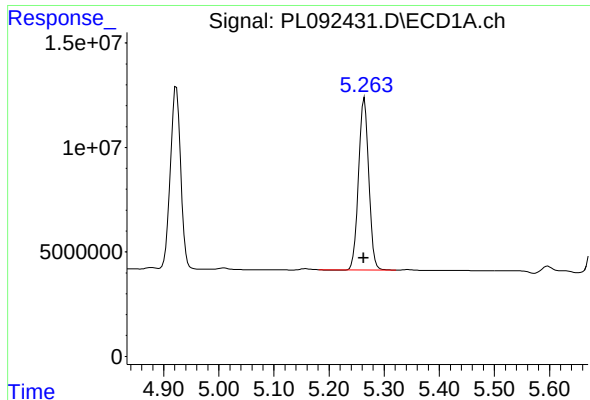
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 113843659
Conc: 41.17 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 146954146
Conc: 42.59 ng/ml



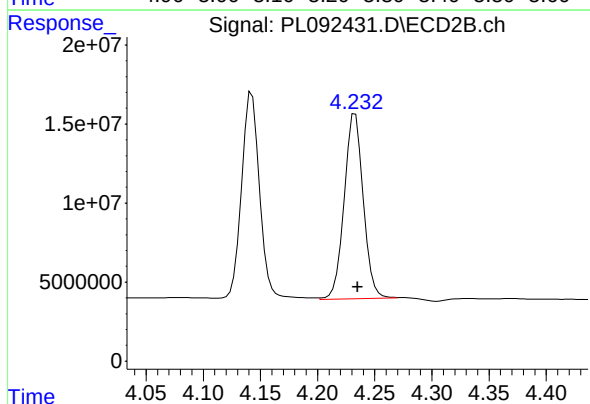
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 105831511
Conc: 38.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

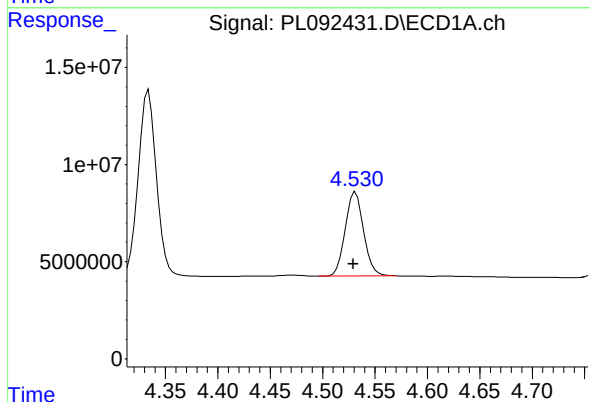
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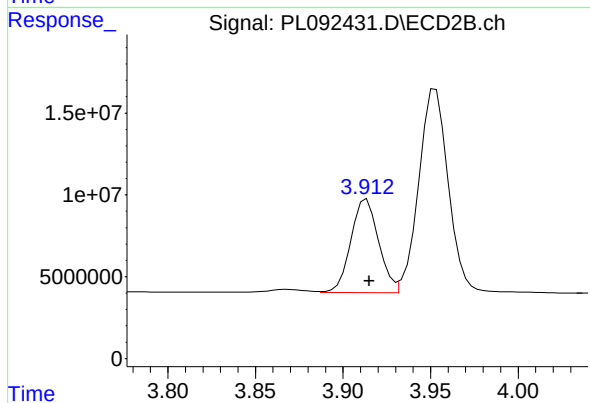
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: -0.004 min
Response: 136494459
Conc: 40.13 ng/ml m



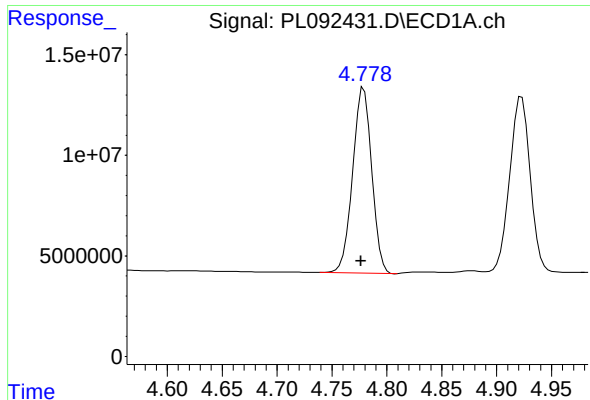
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 52868648
Conc: 39.86 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 62906219
Conc: 41.85 ng/ml



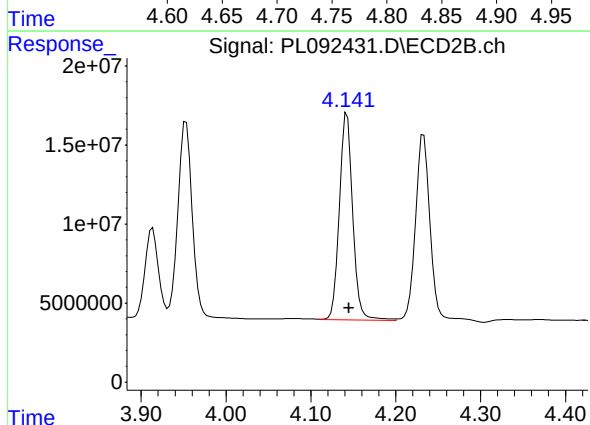
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.003 min
Response: 111765244
Conc: 38.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

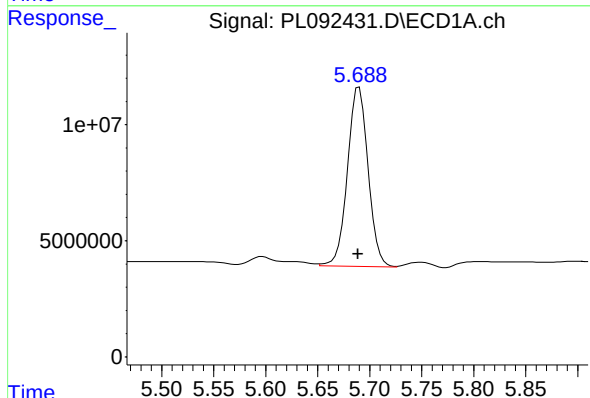
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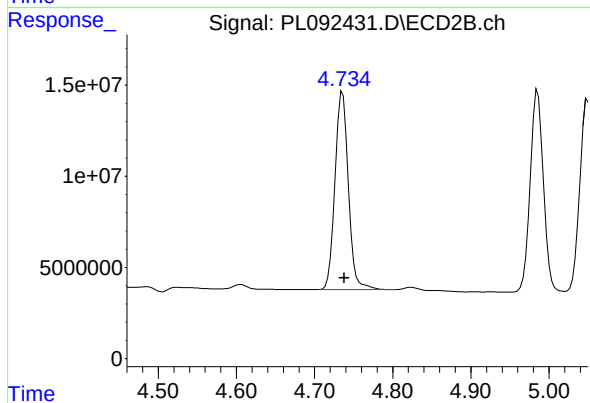
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 143788729
Conc: 41.42 ng/ml



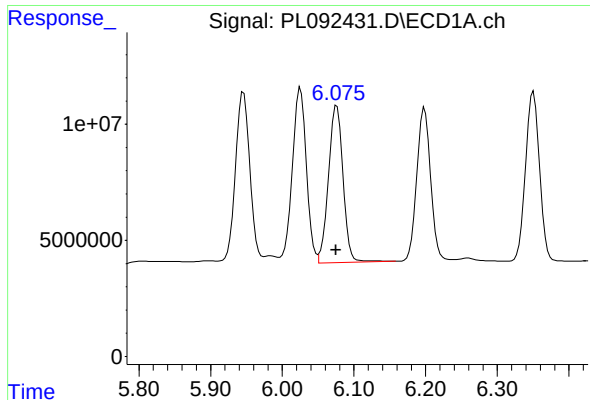
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 106485464
Conc: 41.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 129145987
Conc: 42.72 ng/ml



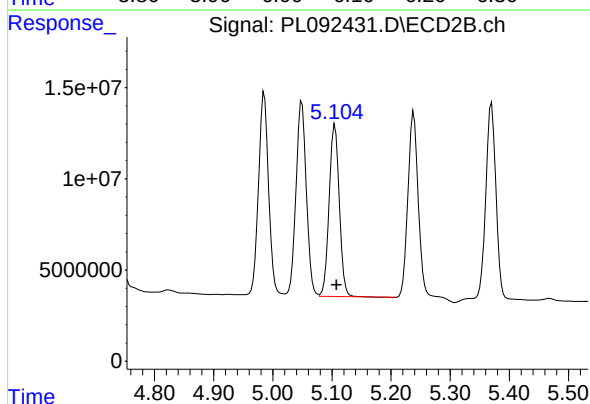
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.001 min
Response: 95788278
Conc: 41.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

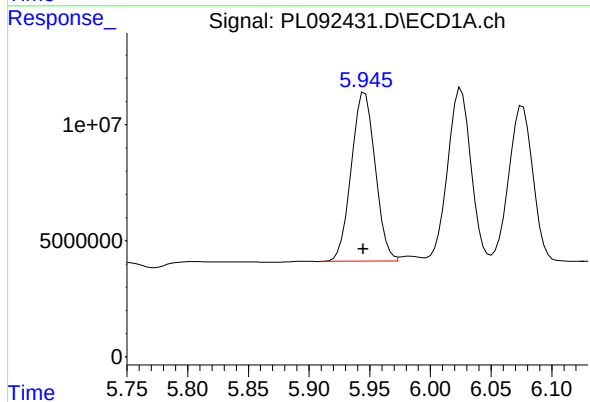
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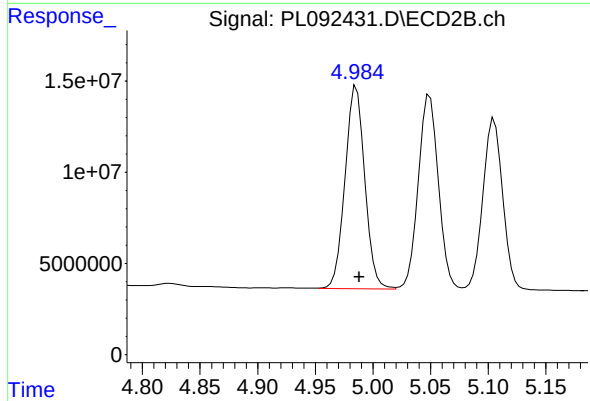
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 111976485
Conc: 40.80 ng/ml



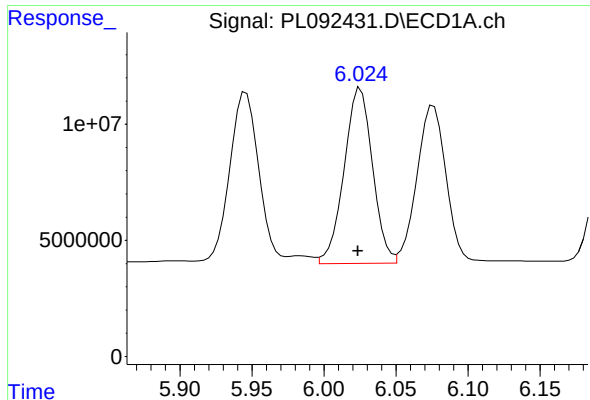
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 99604168
Conc: 40.31 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 131795753
Conc: 43.81 ng/ml



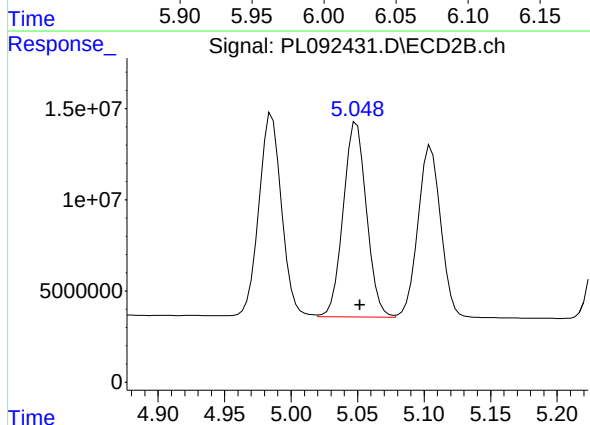
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 103628415
Conc: 42.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

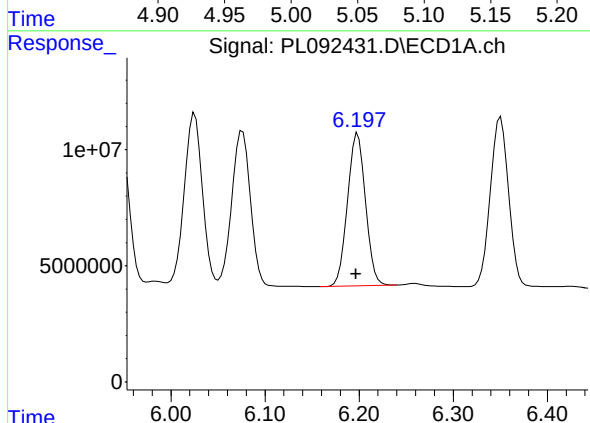
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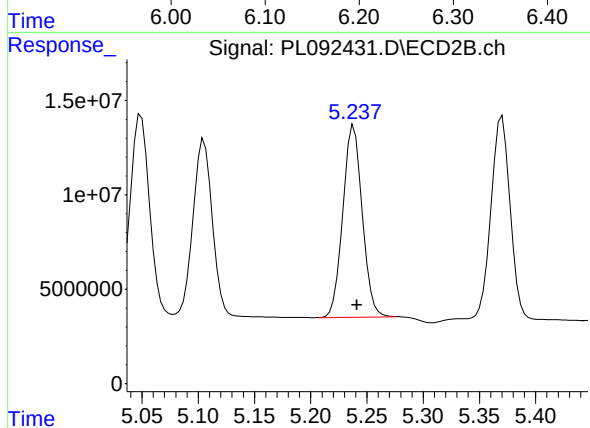
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 130042693
Conc: 43.44 ng/ml



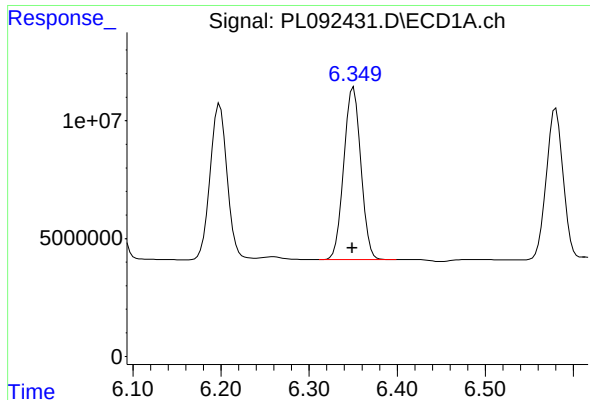
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 87542120
Conc: 40.45 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 122374782
Conc: 44.04 ng/ml m



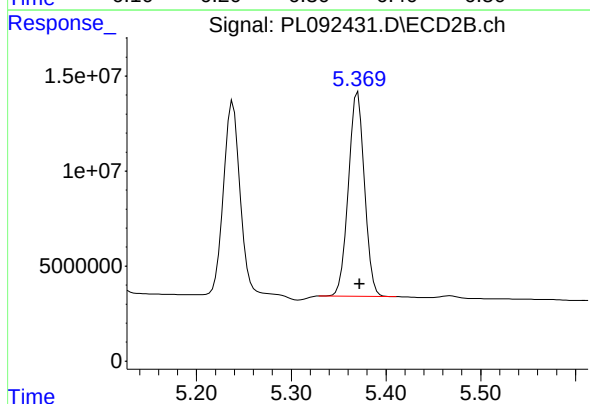
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 98698719
Conc: 40.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

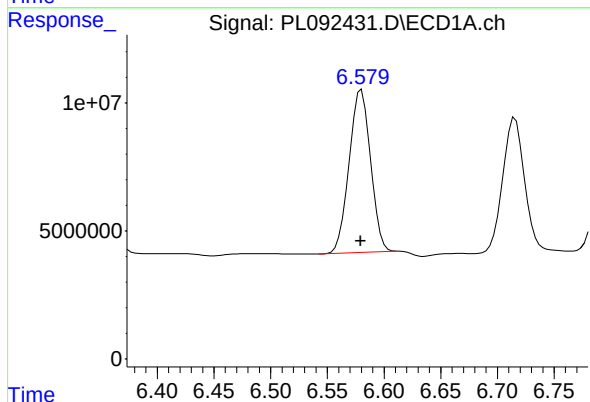
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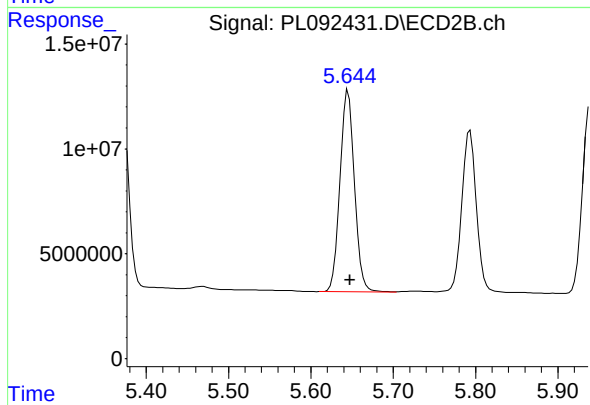
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 127012288
Conc: 43.32 ng/ml



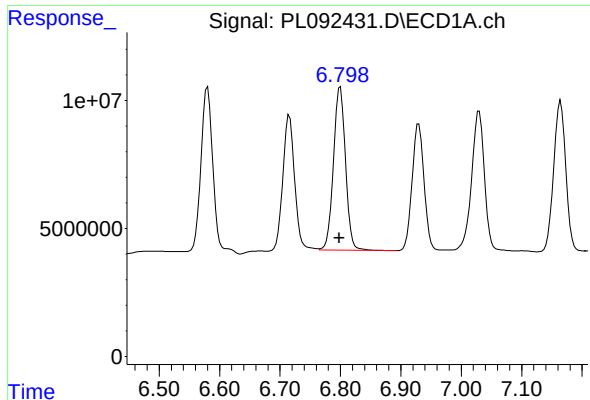
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 83766836
Conc: 40.65 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 117241563
Conc: 44.71 ng/ml



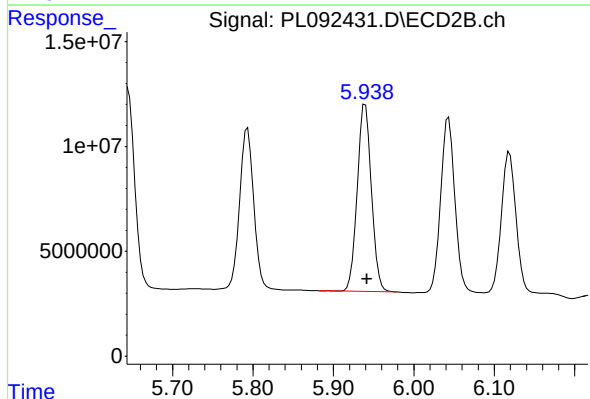
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 88505752
Conc: 40.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

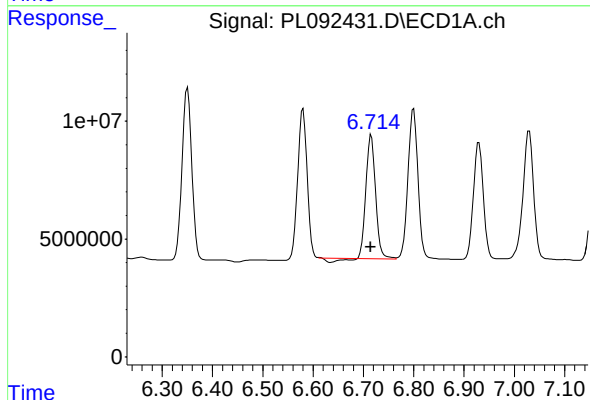
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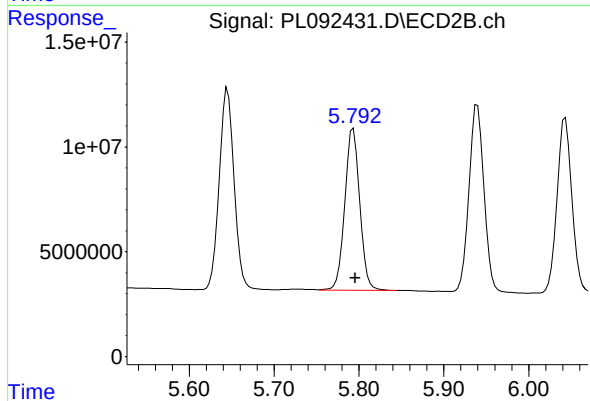
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 109555850
Conc: 43.78 ng/ml



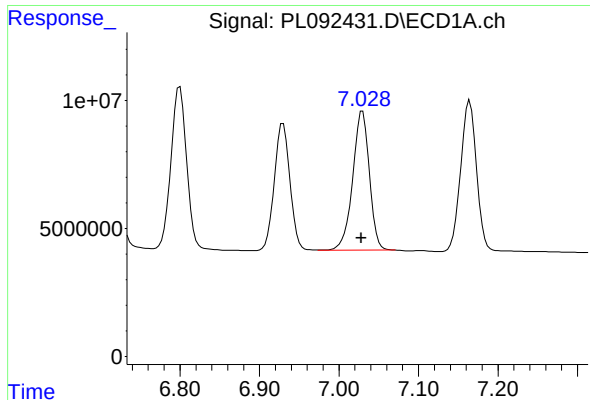
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.001 min
Response: 67867842
Conc: 37.79 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 94945483
Conc: 44.45 ng/ml



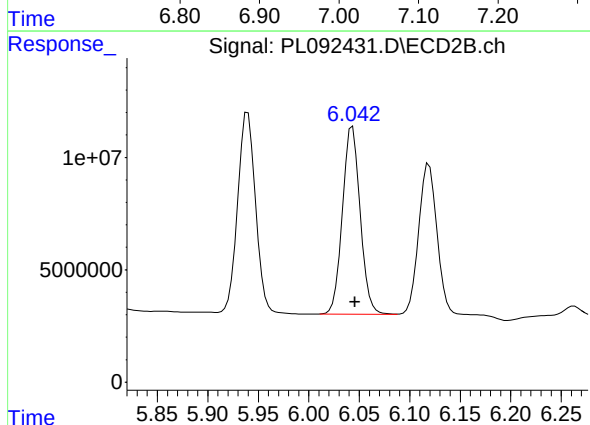
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.002 min
Response: 79309123
Conc: 43.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

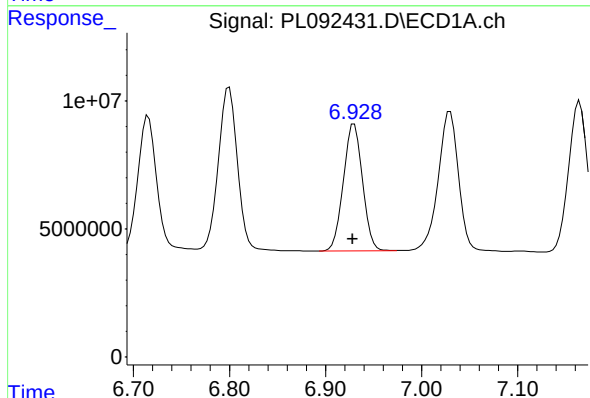
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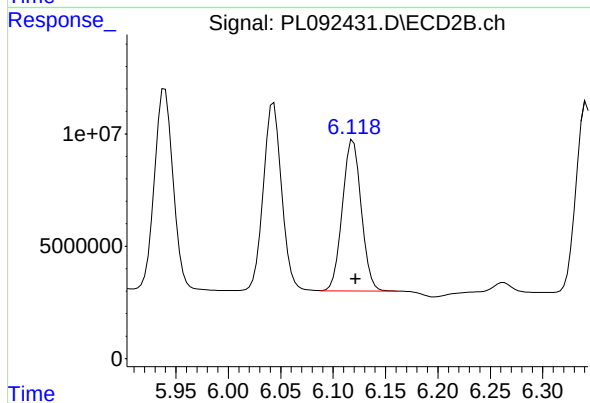
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 101996644
Conc: 44.09 ng/ml



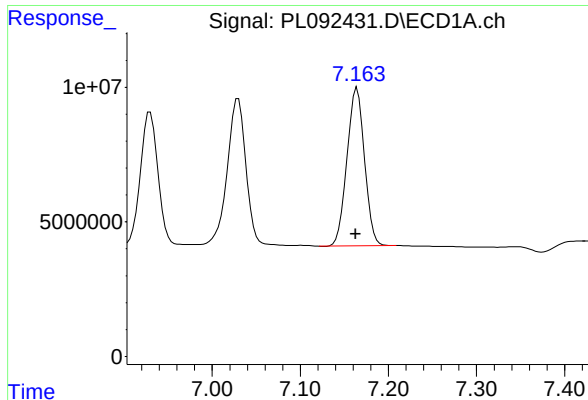
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 68254319
Conc: 39.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 84455526
Conc: 41.39 ng/ml



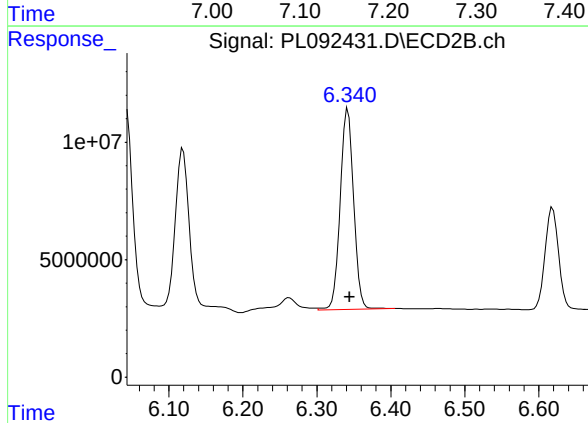
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.002 min
Response: 81297752
Conc: 41.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

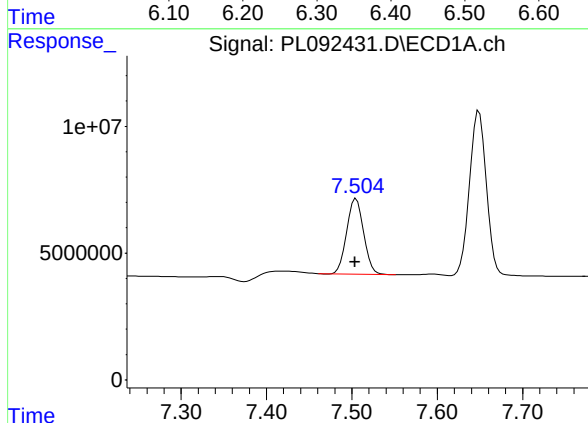
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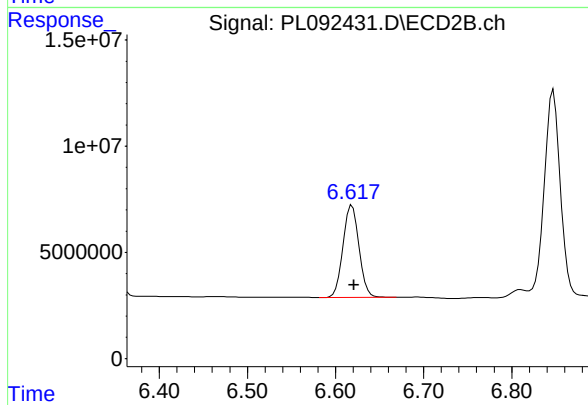
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 107790971
Conc: 44.68 ng/ml



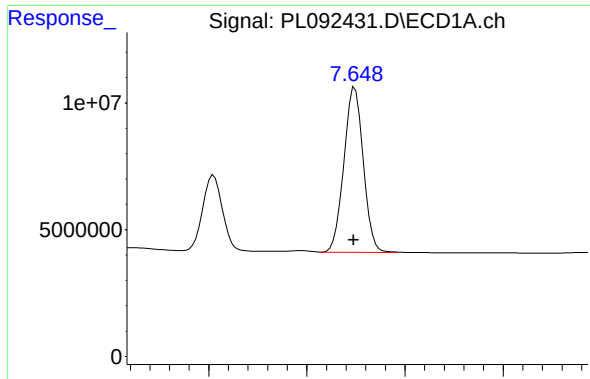
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 41098035
Conc: 41.86 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 54995994
Conc: 43.98 ng/ml



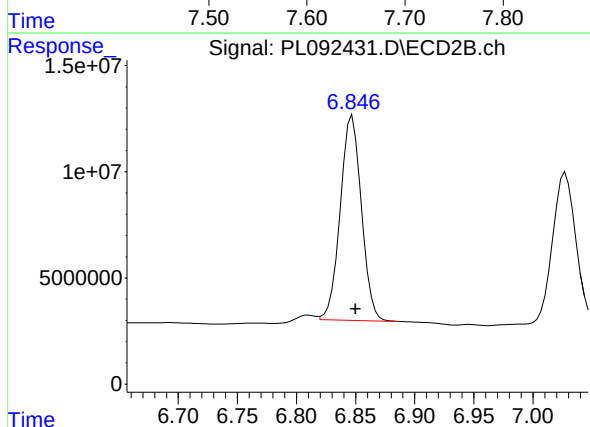
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.001 min
Response: 89576955
Conc: 40.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164180BSD

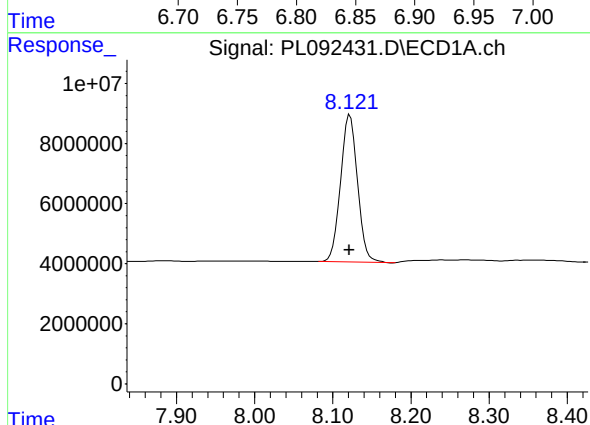
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APPROVED

Reviewed By :Abdul Mirza 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



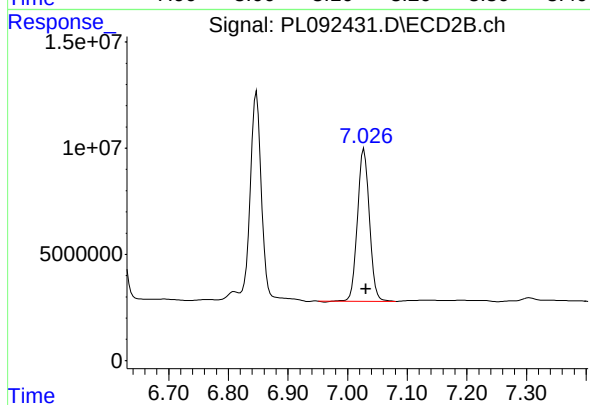
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 119885874
Conc: 43.30 ng/ml m



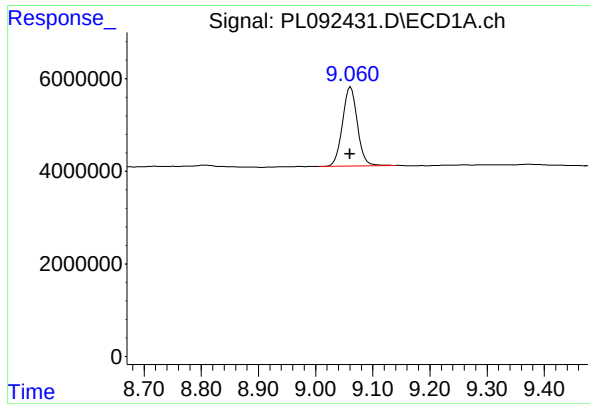
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 73694736
Conc: 40.92 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.004 min
Response: 100057557
Conc: 41.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 31052771
Conc: 18.96 ng/ml

Instrument :

ECD_L

ClientSampleId :

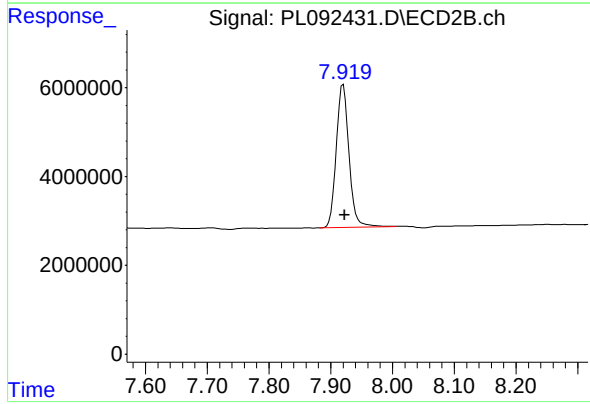
PB164180BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 46095225
Conc: 18.42 ng/ml