

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111124\
 Data File : PL092967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 18:51
 Operator : AR\AJ
 Sample : P4796-07MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:21:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.541	2.779	37327566	38977186	15.234m	14.324
28)	SA Decachlor...	9.062	7.920	27836293	35769479	14.464	13.106
Target Compounds							
2)	A alpha-BHC	3.999	3.282	156.5E6	187.1E6	46.133	46.892
3)	MA gamma-BHC...	4.331	3.612	147.4E6	176.7E6	45.214	45.792
4)	MA Heptachlor	4.920	3.951	137.6E6	179.0E6	45.817	47.432
5)	MB Aldrin	5.261	4.231	131.8E6	166.4E6	43.925	45.466
6)	B beta-BHC	4.529	3.911	66767610	79645487	46.191	48.380
7)	B delta-BHC	4.776	4.140	119.8E6	146.3E6	38.280	38.073
8)	B Heptachlo...	5.689	4.734	105.3E6	150.2E6	38.120	44.959
9)	A Endosulfan I	6.074	5.104	109.0E6	144.1E6	43.563	47.204
10)	B gamma-Chl...	5.945	4.984	119.0E6	159.1E6	44.712	47.338
11)	B alpha-Chl...	6.023	5.047	117.8E6	157.3E6	44.486	47.286
12)	B 4,4'-DDE	6.197	5.237	109.2E6	156.2E6	46.102	48.471
13)	MA Dieldrin	6.349	5.368	116.8E6	157.5E6	44.300	47.139
14)	MA Endrin	6.579	5.644	93662296	136.8E6	41.140	47.278
15)	B Endosulfa...	6.799	5.939	111.7E6	113.3E6	46.873	39.975
16)	A 4,4'-DDD	6.714	5.792	94154623	118.3E6	49.051	47.519
17)	MA 4,4'-DDT	7.029	6.042	91949746	118.4E6	44.426	44.142
18)	B Endrin al...	6.929	6.118	76594647	103.1E6	40.786	44.704
19)	B Endosulfa...	7.164	6.341	81994359	121.9E6	37.779	45.194
20)	A Methoxychlor	7.505	6.618	50127471	64245138	43.972	44.989
21)	B Endrin ke...	7.649	6.847	109.0E6	141.9E6	44.973	46.234
22)	Mirex	8.122	7.028	79312282	107.2E6	40.022	41.101

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

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Acq On : 11 Nov 2024 18:51
Operator : AR\AJ
Sample : P4796-07MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

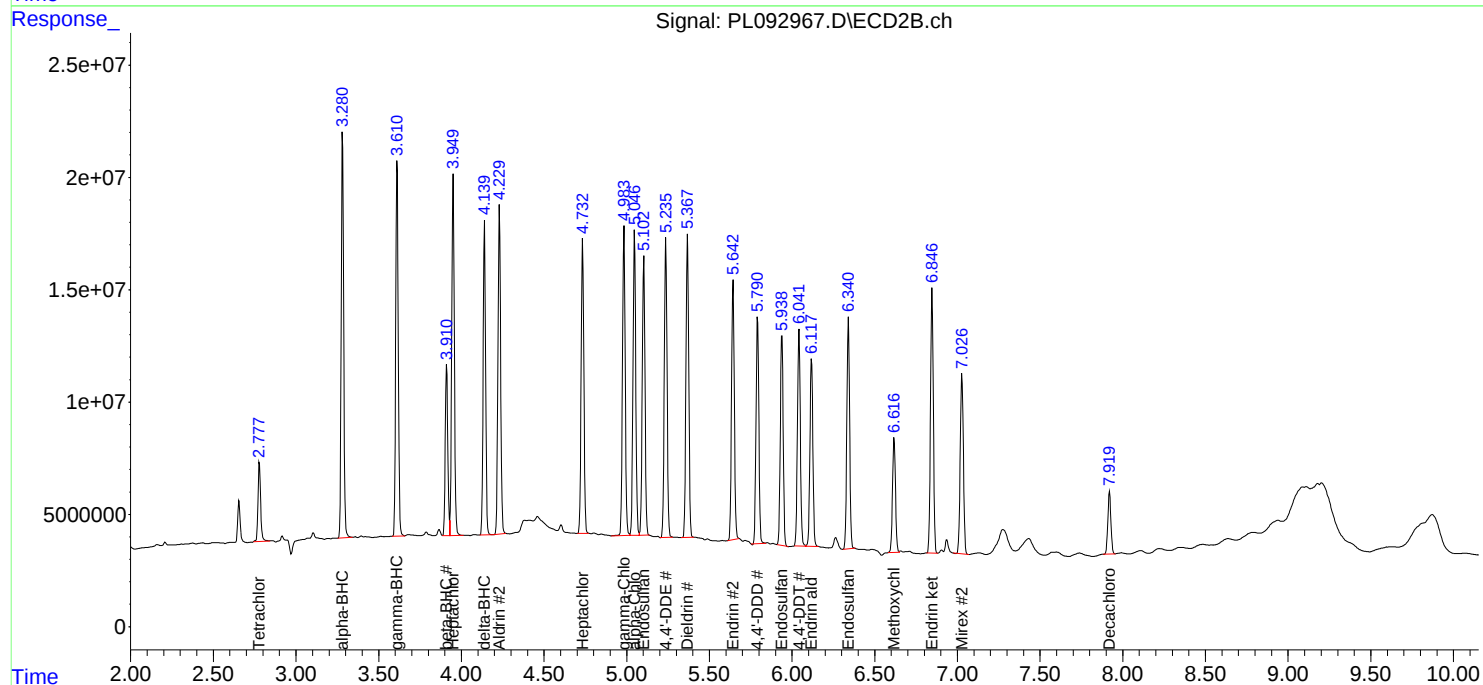
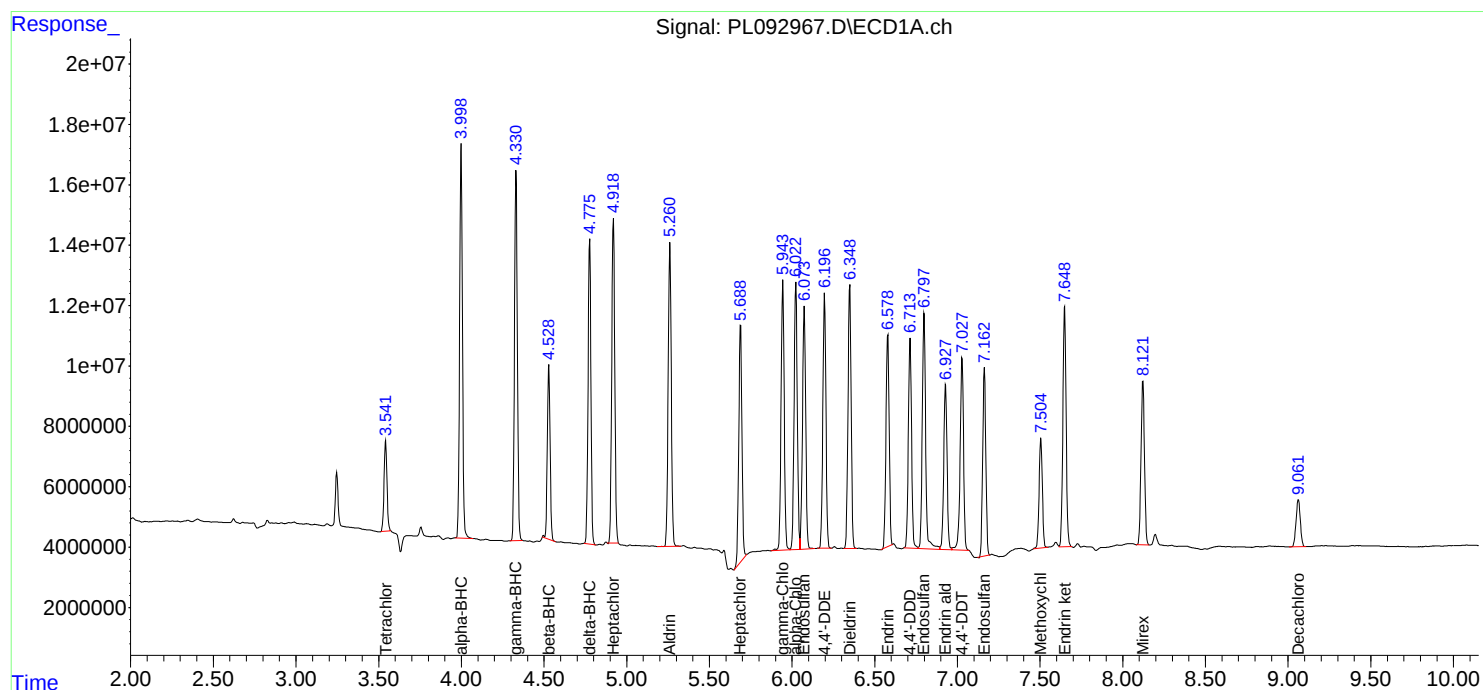
Instrument :
ECD_L
ClientSampleId :
TP-4MSD

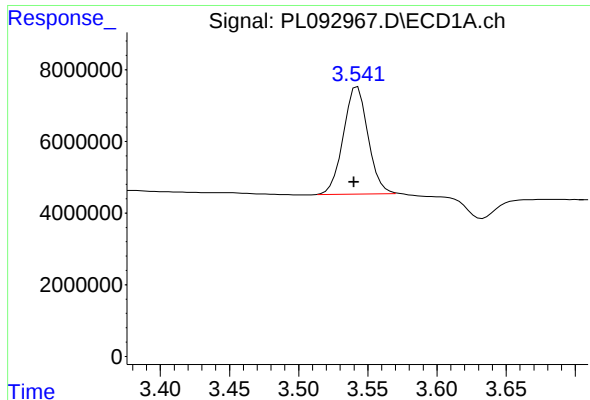
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:21:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
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QLast Update : Mon Oct 28 18:58:23 2024
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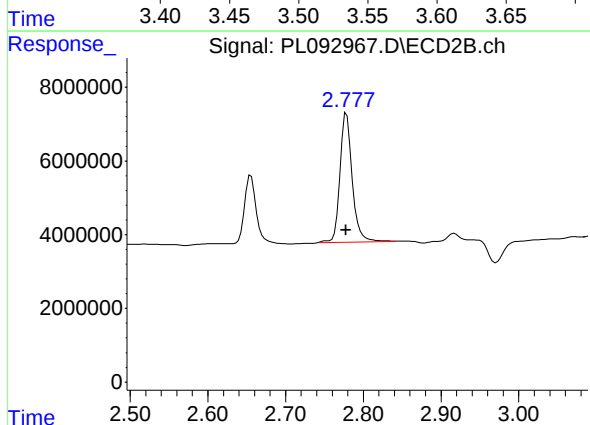
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.001 min
Response: 37327566
Conc: 15.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

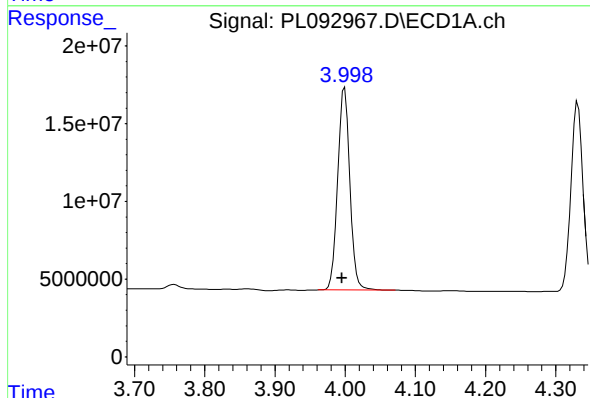
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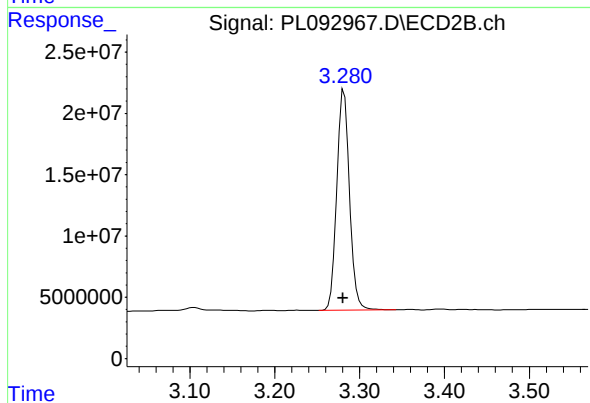
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 38977186
Conc: 14.32 ng/ml



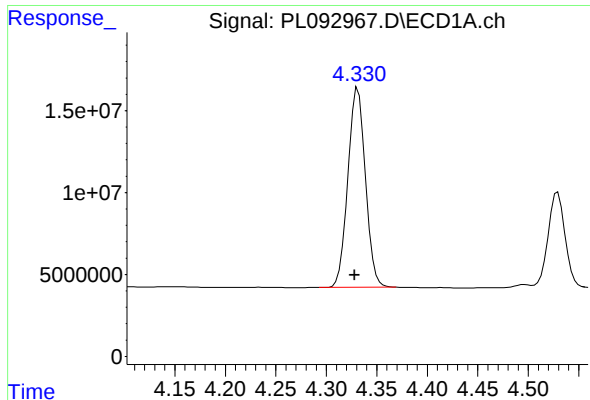
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.004 min
Response: 156461686
Conc: 46.13 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 187106529
Conc: 46.89 ng/ml



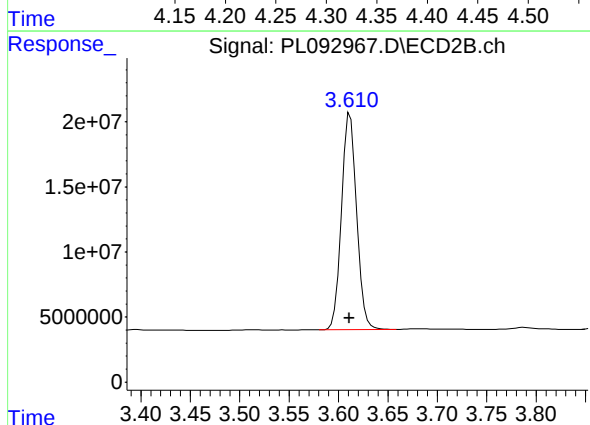
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 147378031
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

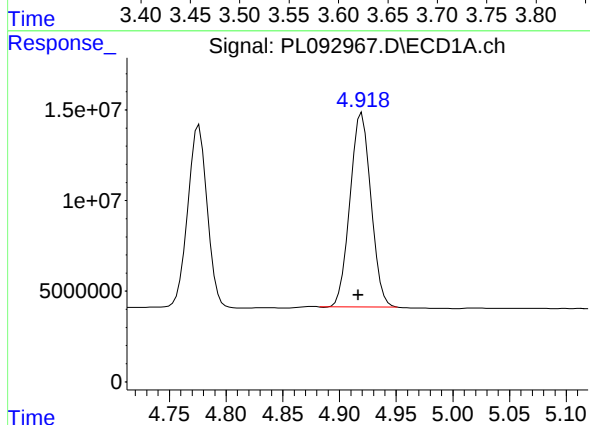
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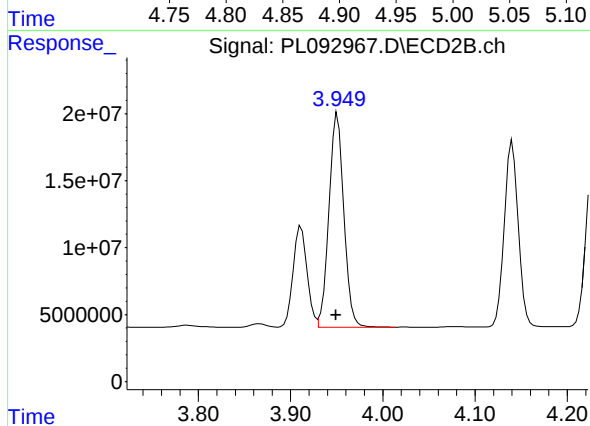
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.001 min
Response: 176733211
Conc: 45.79 ng/ml



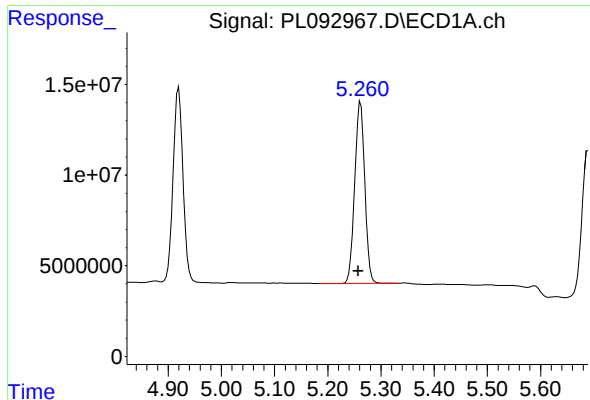
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.003 min
Response: 137593772
Conc: 45.82 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.001 min
Response: 179003394
Conc: 47.43 ng/ml



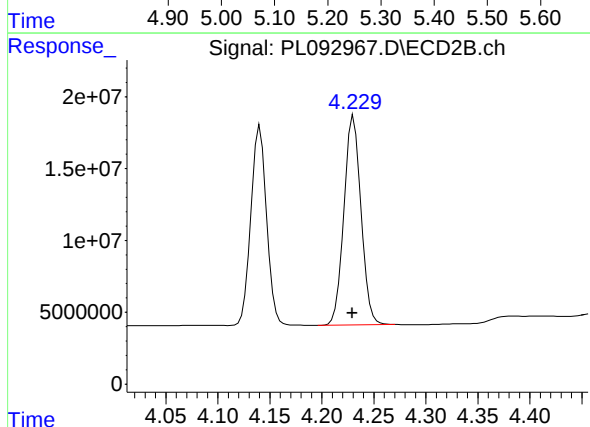
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.004 min
Response: 131840714
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

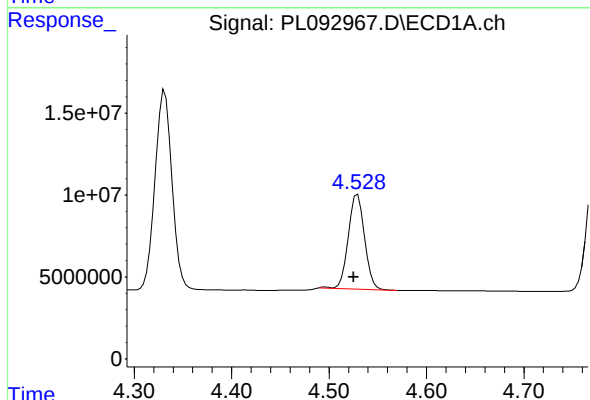
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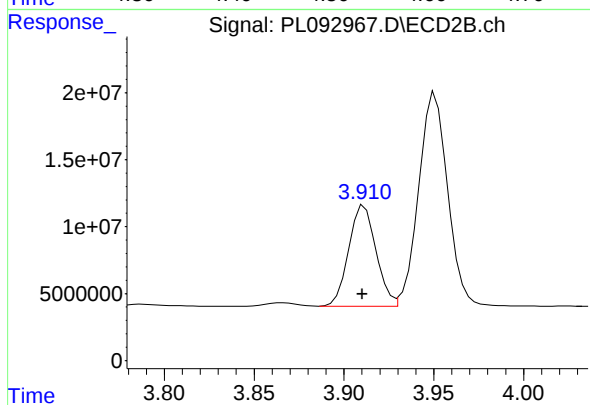
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.001 min
Response: 166413300
Conc: 45.47 ng/ml



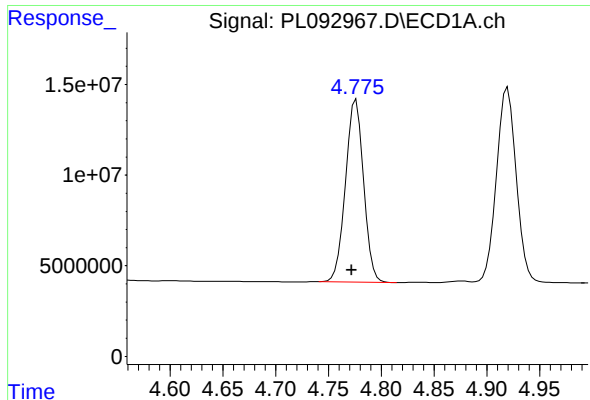
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 66767610
Conc: 46.19 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.001 min
Response: 79645487
Conc: 48.38 ng/ml



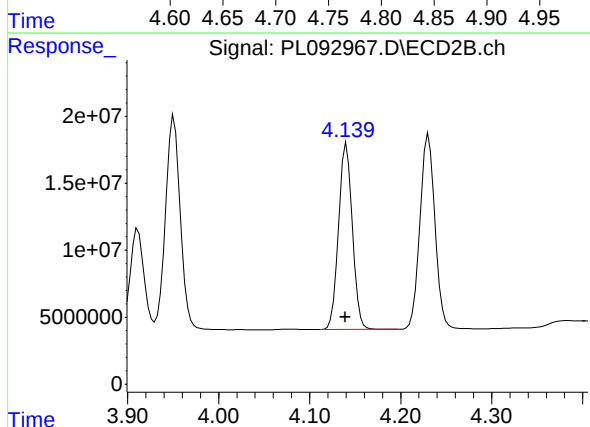
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 119812493
Conc: 38.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

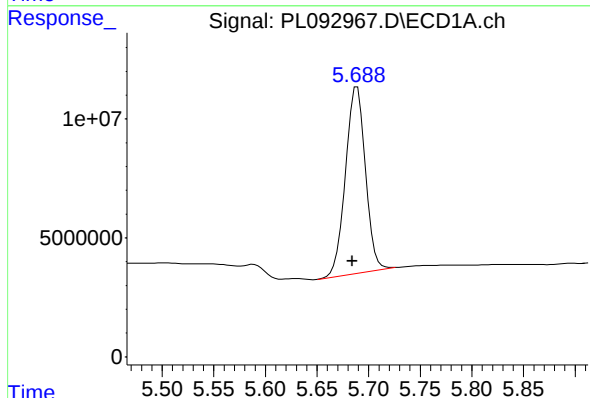
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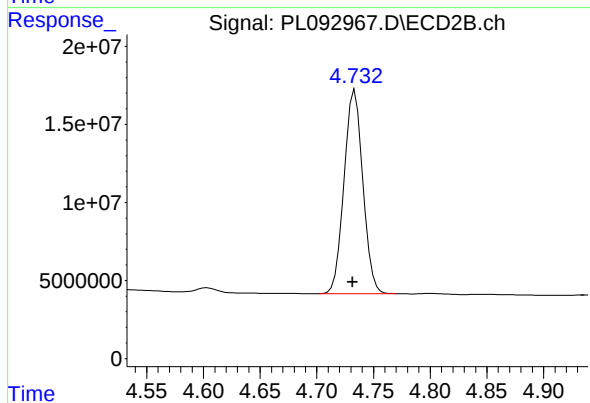
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.001 min
Response: 146322201
Conc: 38.07 ng/ml



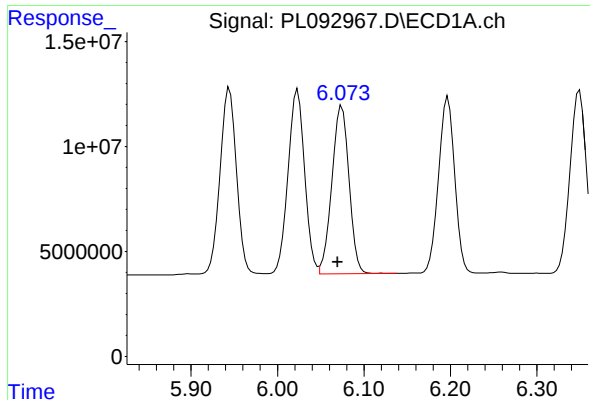
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.005 min
Response: 105264702
Conc: 38.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.002 min
Response: 150226255
Conc: 44.96 ng/ml



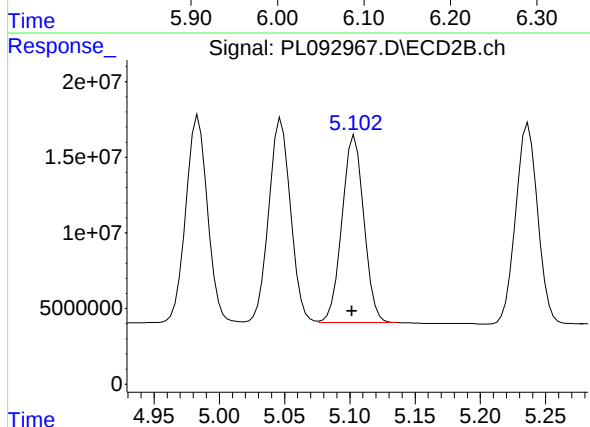
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 108965812
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

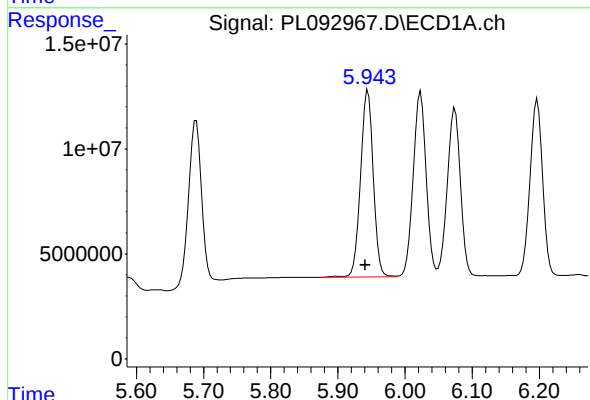
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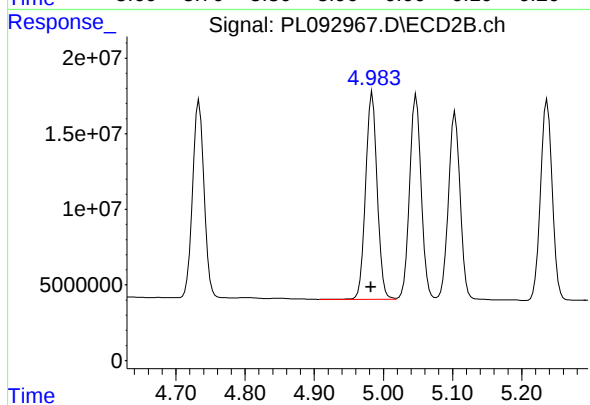
#9 Endosulfan I

R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 144119372
Conc: 47.20 ng/ml



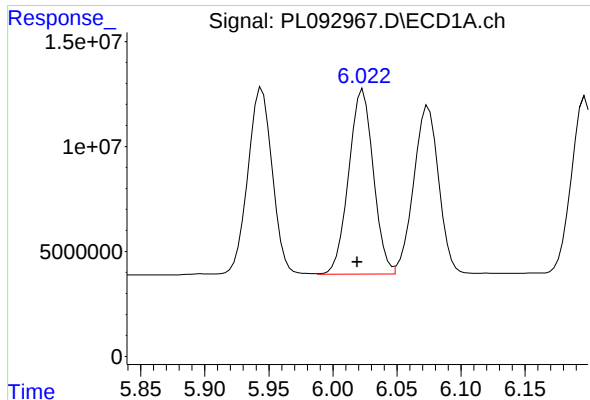
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.004 min
Response: 118963148
Conc: 44.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 159135295
Conc: 47.34 ng/ml



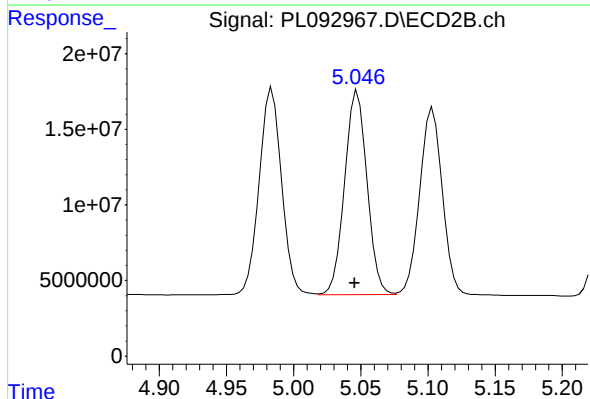
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.004 min
Response: 117805797
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

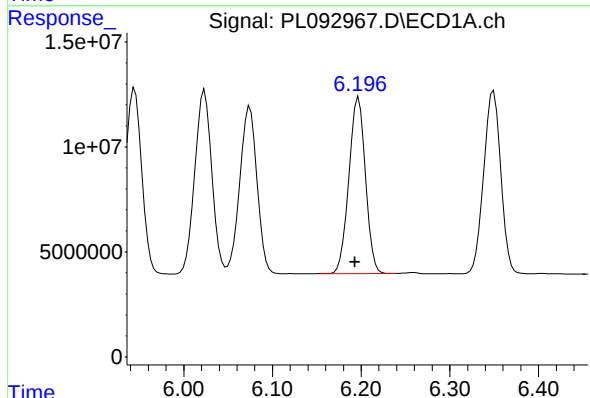
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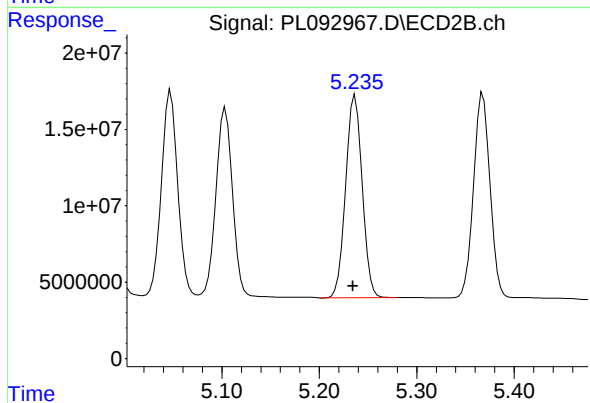
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 157275728
Conc: 47.29 ng/ml



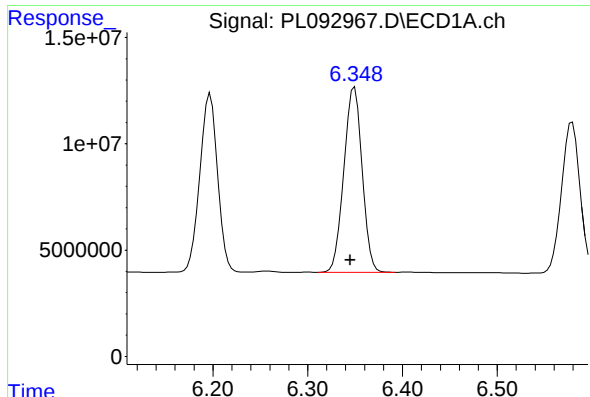
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 109223292
Conc: 46.10 ng/ml



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 156153372
Conc: 48.47 ng/ml



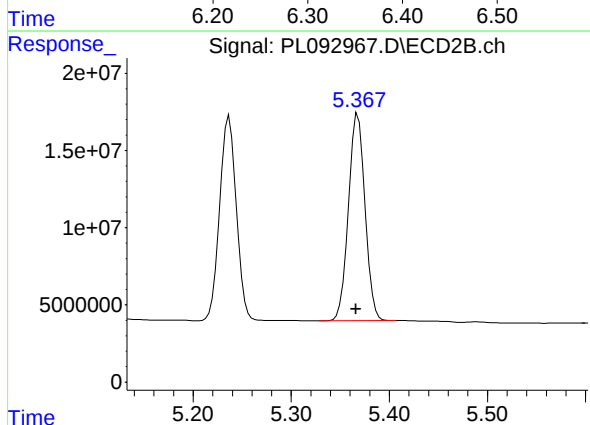
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.004 min
Response: 116750406
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

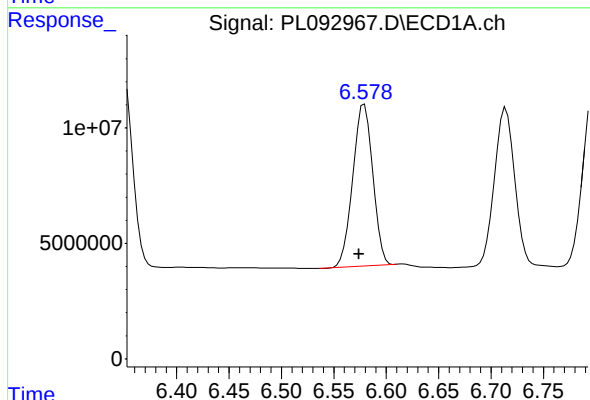
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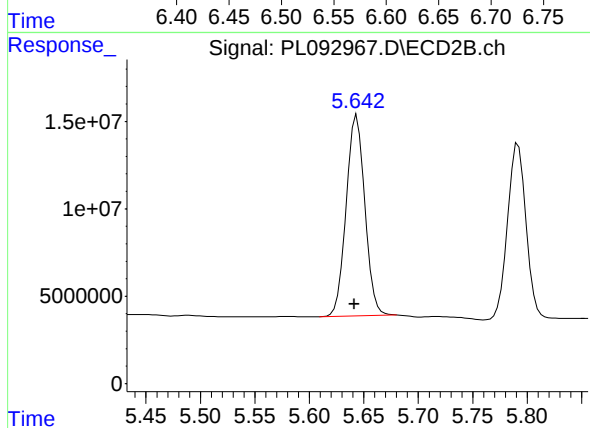
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 157460004
Conc: 47.14 ng/ml



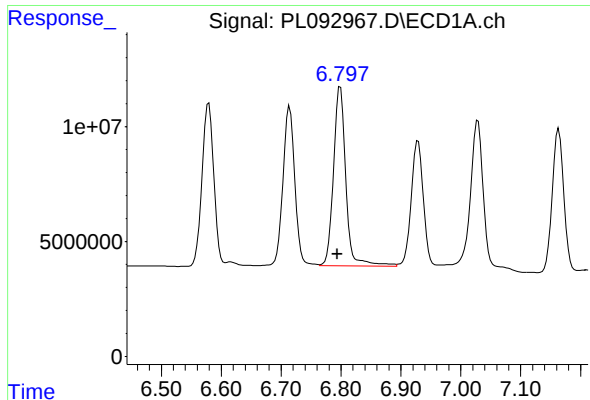
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 93662296
Conc: 41.14 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 136776392
Conc: 47.28 ng/ml



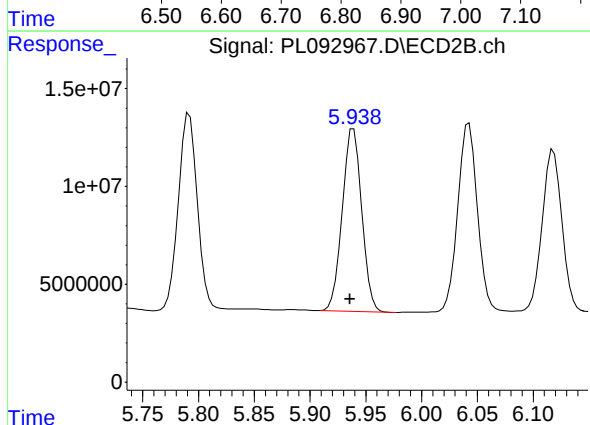
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 111737335
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

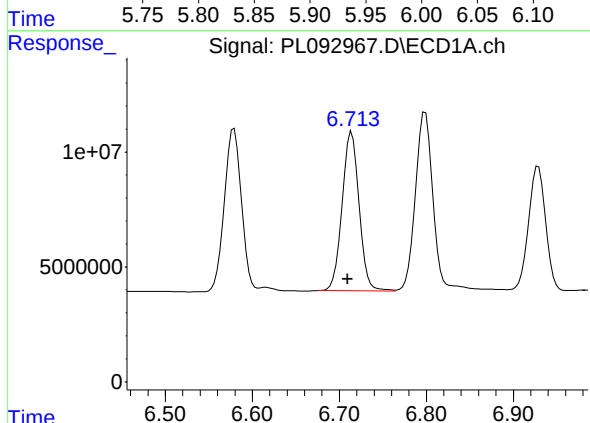
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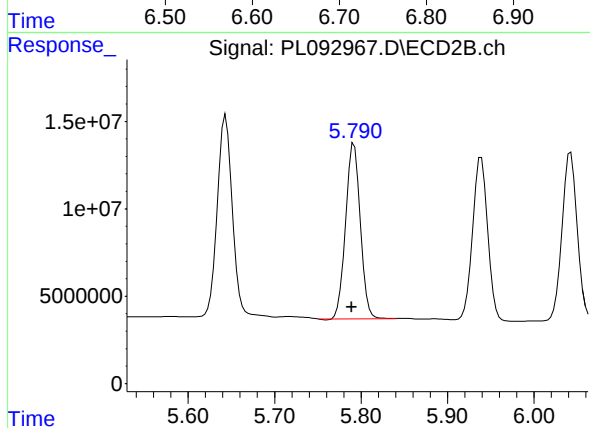
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 113261177
Conc: 39.98 ng/ml



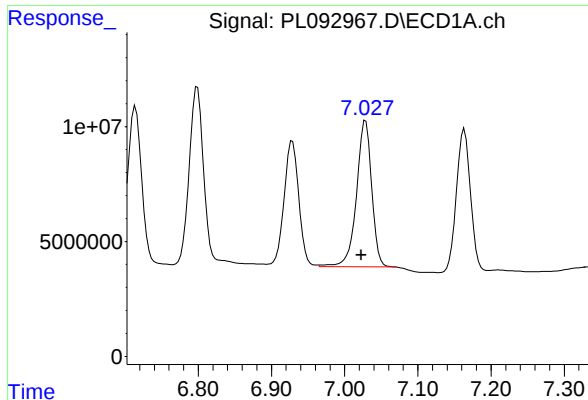
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 94154623
Conc: 49.05 ng/ml



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 118325963
Conc: 47.52 ng/ml



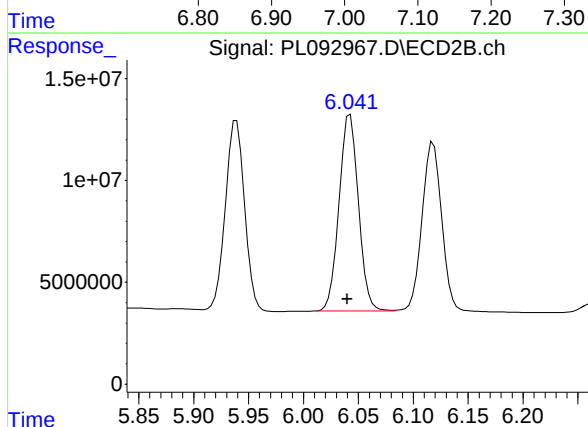
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.006 min
Response: 91949746
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

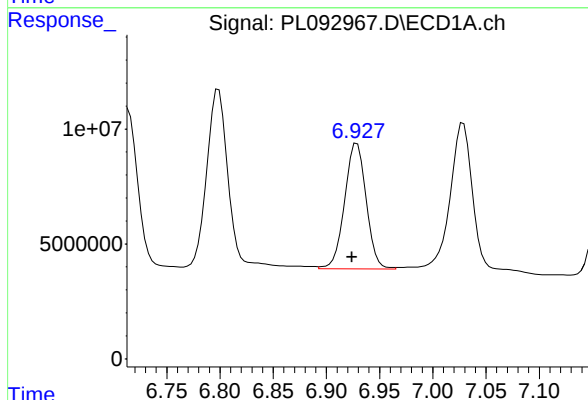
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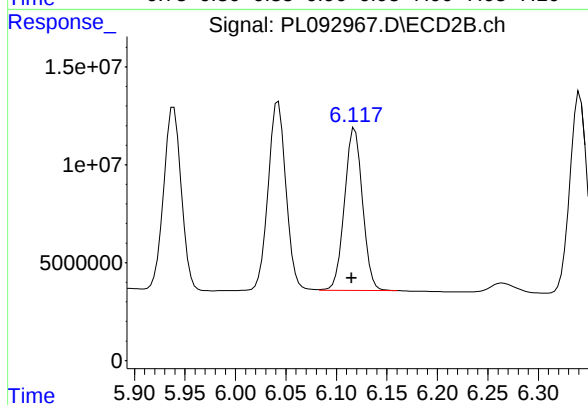
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.003 min
Response: 118400279
Conc: 44.14 ng/ml



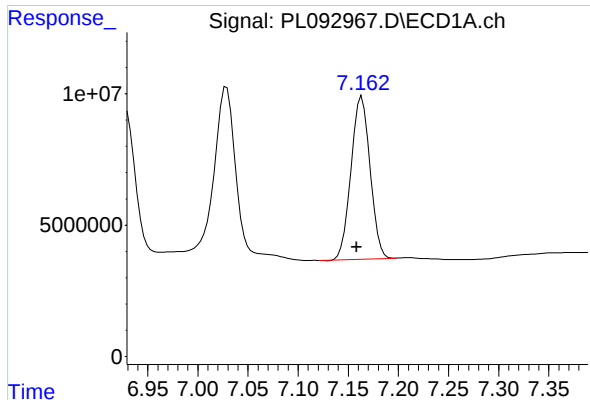
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 76594647
Conc: 40.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 103145386
Conc: 44.70 ng/ml



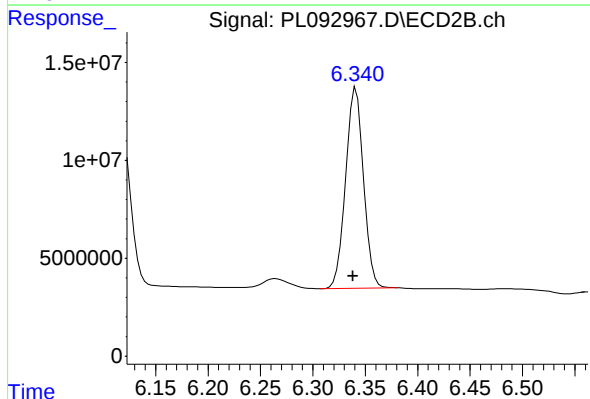
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 81994359
Conc: 37.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

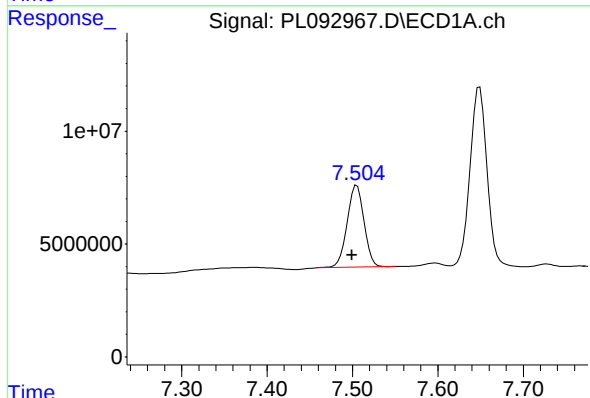
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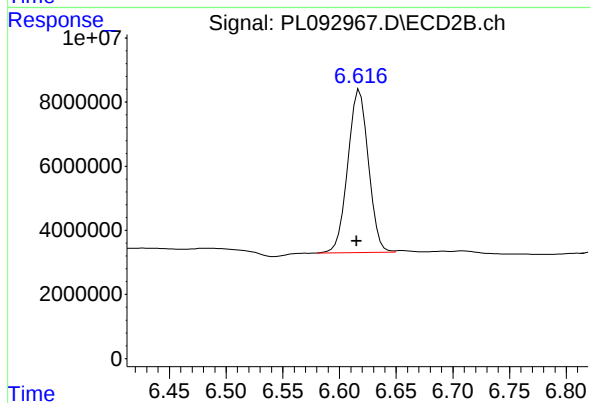
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: 0.003 min
Response: 121882047
Conc: 45.19 ng/ml



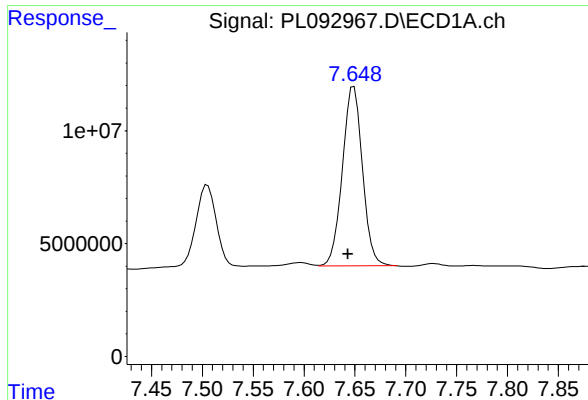
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.006 min
Response: 50127471
Conc: 43.97 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 64245138
Conc: 44.99 ng/ml



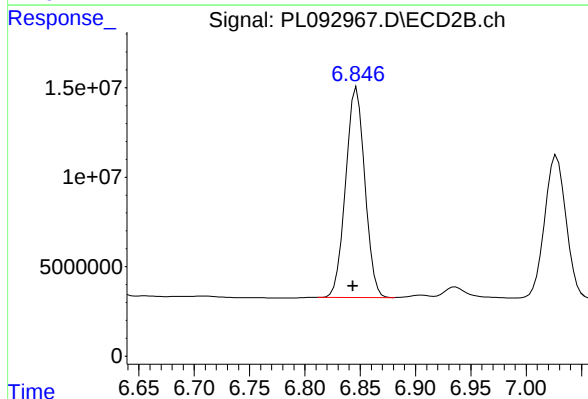
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.006 min
Response: 108960447
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

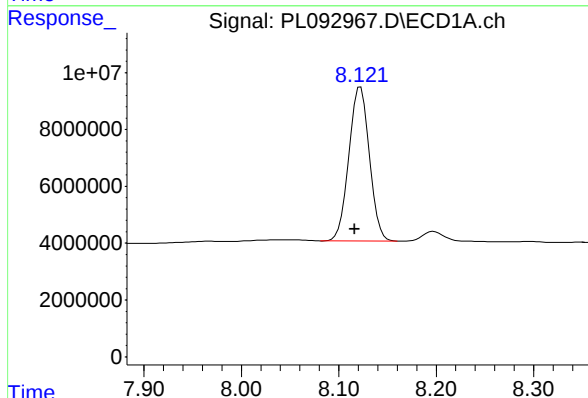
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



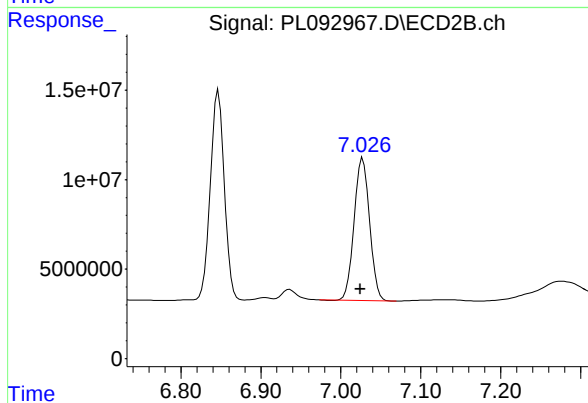
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.003 min
Response: 141882398
Conc: 46.23 ng/ml



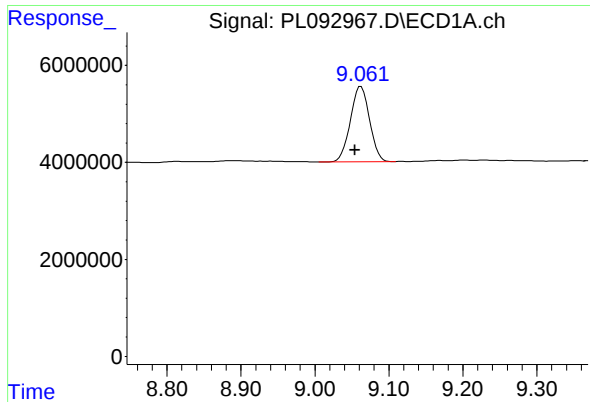
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.006 min
Response: 79312282
Conc: 40.02 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: 0.003 min
Response: 107236275
Conc: 41.10 ng/ml



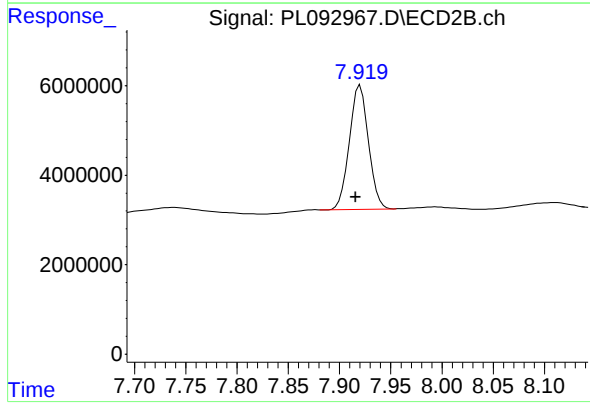
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.008 min
Response: 27836293
Conc: 14.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/12/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 35769479
Conc: 13.11 ng/ml