

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
 Data File : PL095366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 13:08
 Operator : AR\AJ
 Sample : PB167720BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167720BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/25/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 01:43:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.598	2.904	71115852	62812376	21.783	19.754
28)	SA Decachlor...	9.124	8.086	57874766	56808283	20.887	19.197
Target Compounds							
2)	A alpha-BHC	4.050	3.414	269.2E6	221.6E6	54.335	49.813
3)	MA gamma-BHC...	4.379	3.747	257.3E6	218.2E6	54.361m	49.612
4)	MA Heptachlor	4.978	4.102	241.0E6	207.9E6	52.679	47.720
5)	MB Aldrin	5.321	4.387	246.5E6	201.1E6	53.677	48.861
6)	B beta-BHC	4.567	4.041	110.3E6	103.4E6	53.363	49.789
7)	B delta-BHC	4.814	4.277	256.7E6	220.7E6	55.198m	50.354
8)	B Heptachlo...	5.742	4.890	222.1E6	188.0E6	55.466	48.661
9)	A Endosulfan I	6.125	5.263	202.4E6	179.5E6	53.298	49.043
10)	B gamma-Chl...	5.996	5.144	221.8E6	196.9E6	54.364	48.589
11)	B alpha-Chl...	6.076	5.208	217.9E6	194.0E6	53.588	48.729
12)	B 4,4'-DDE	6.245	5.394	206.0E6	198.0E6	52.550	48.673
13)	MA Dieldrin	6.398	5.529	206.0E6	196.6E6	53.441	48.347
14)	MA Endrin	6.624	5.804	152.4E6	159.5E6	47.845m	43.822
15)	B Endosulfa...	6.836	6.094	170.3E6	173.8E6	53.364m	48.408
16)	A 4,4'-DDD	6.755	5.947	157.3E6	164.9E6	55.556	50.491
17)	MA 4,4'-DDT	7.070	6.201	141.2E6	152.0E6	49.574	44.227
18)	B Endrin al...	6.966	6.273	127.7E6	131.9E6	55.004	50.491
19)	B Endosulfa...	7.199	6.495	145.0E6	158.3E6	51.767	47.716
20)	A Methoxychlor	7.541	6.772	64225835	79756417	46.036	41.814
21)	B Endrin ke...	7.681	7.002	151.4E6	181.1E6	53.097	51.431
22)	Mirex	8.162	7.197	118.8E6	137.2E6	49.981	47.604m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
Data File : PL095366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:08
Operator : AR\AJ
Sample : PB167720BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

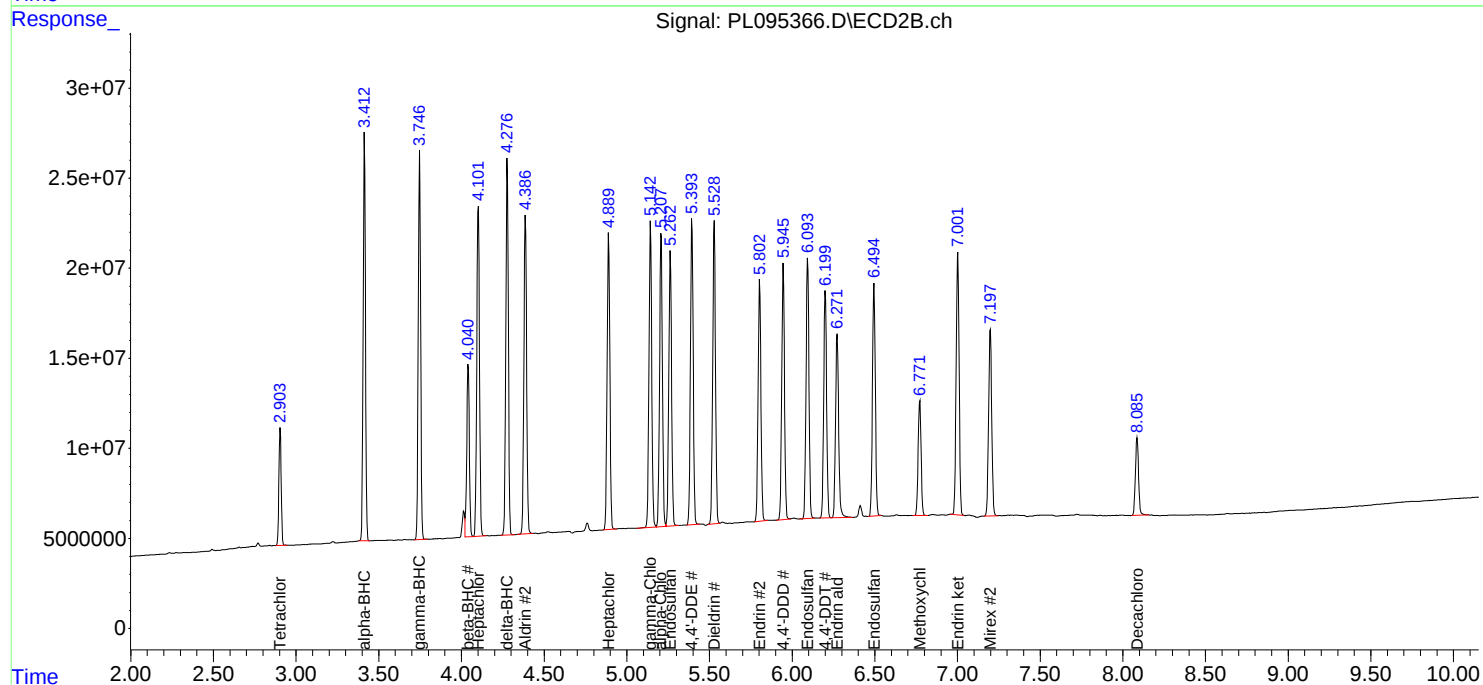
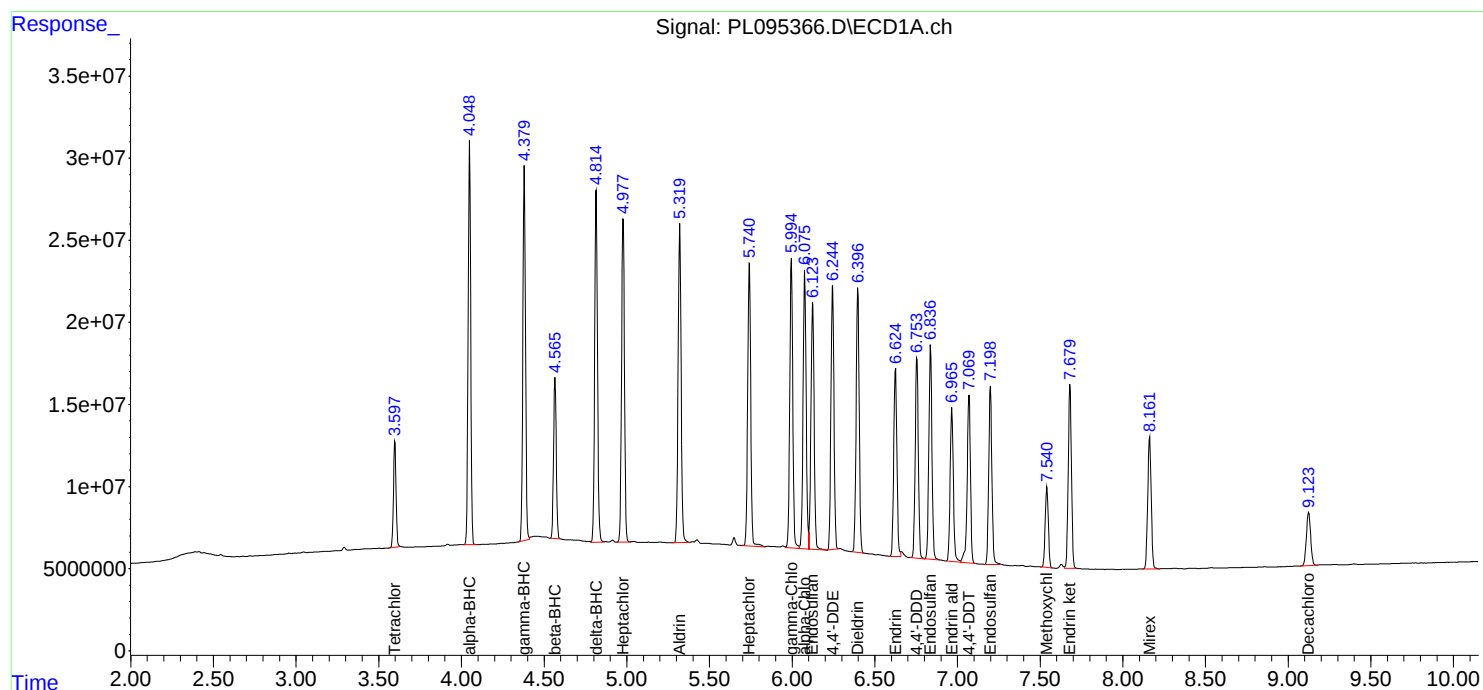
Instrument :
ECD_L
ClientSampleId :
PB167720BS

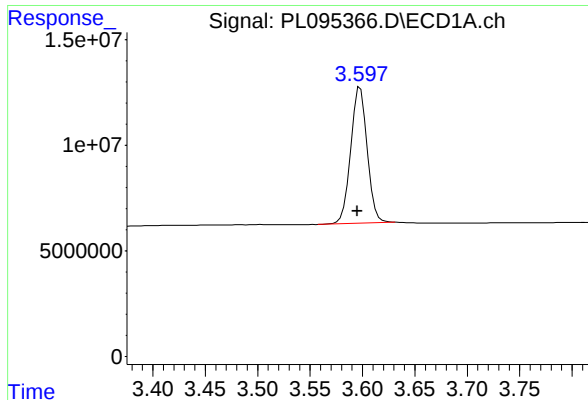
Manual Integrations
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Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 01:43:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
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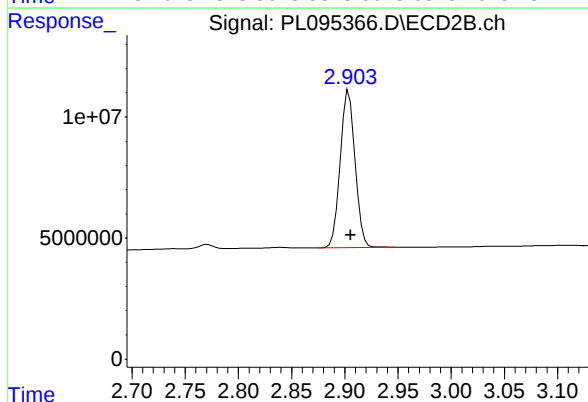
#1 Tetrachloro-m-xylene

R.T.: 3.598 min
Delta R.T.: 0.003 min
Response: 71115852
Conc: 21.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

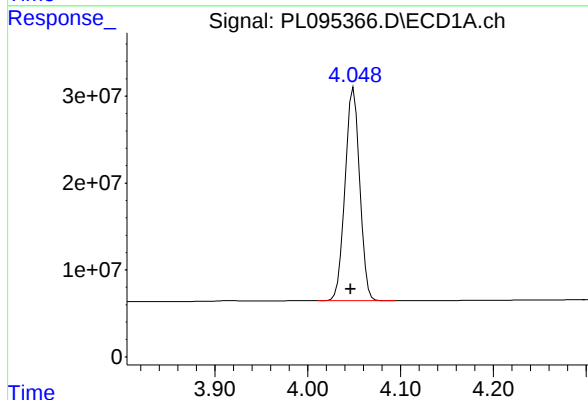
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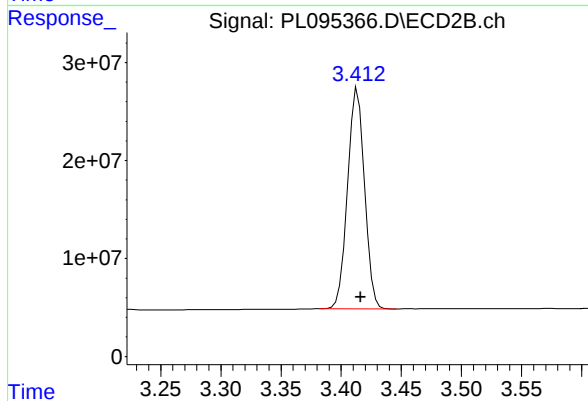
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.002 min
Response: 62812376
Conc: 19.75 ng/ml



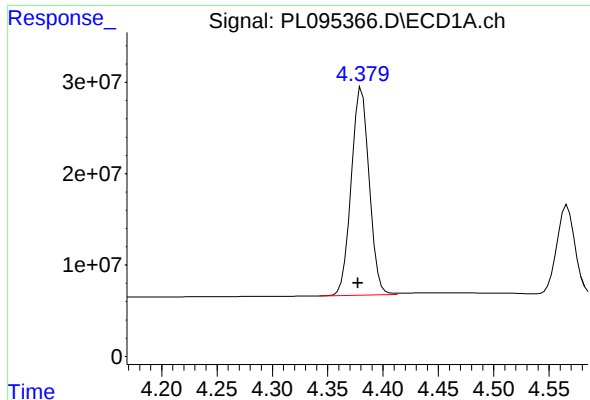
#2 alpha-BHC

R.T.: 4.050 min
Delta R.T.: 0.003 min
Response: 269160596
Conc: 54.33 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.002 min
Response: 221605431
Conc: 49.81 ng/ml



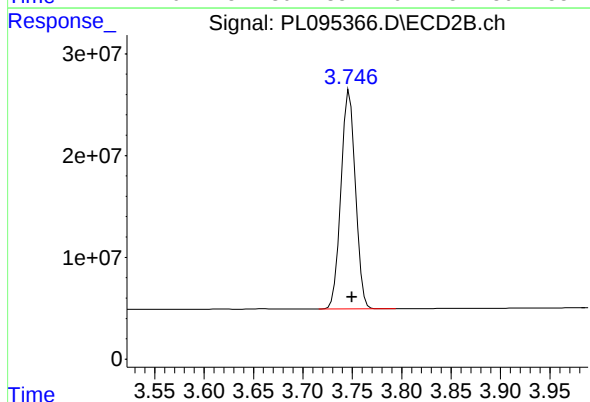
#3 gamma-BHC (Lindane)

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 257345493
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

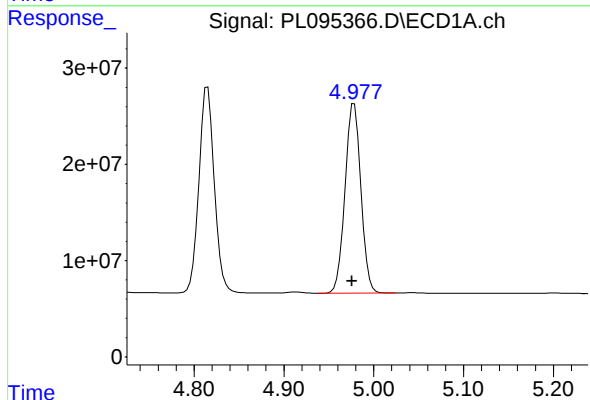
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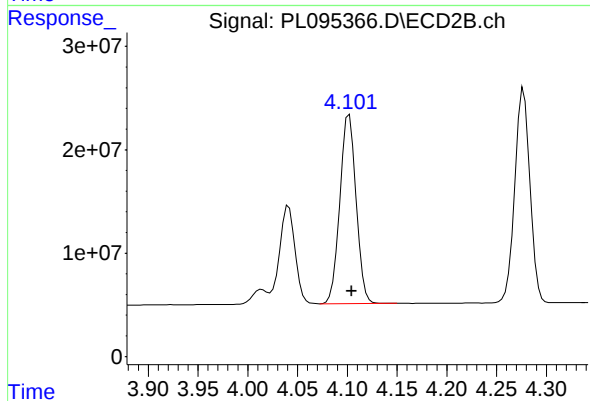
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 218203753
Conc: 49.61 ng/ml



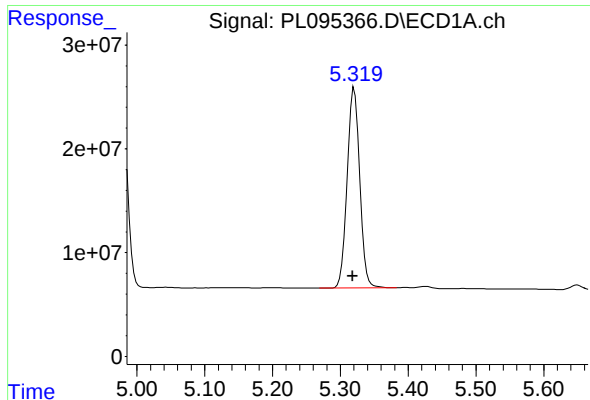
#4 Heptachlor

R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 240978245
Conc: 52.68 ng/ml



#4 Heptachlor

R.T.: 4.102 min
Delta R.T.: -0.002 min
Response: 207903102
Conc: 47.72 ng/ml



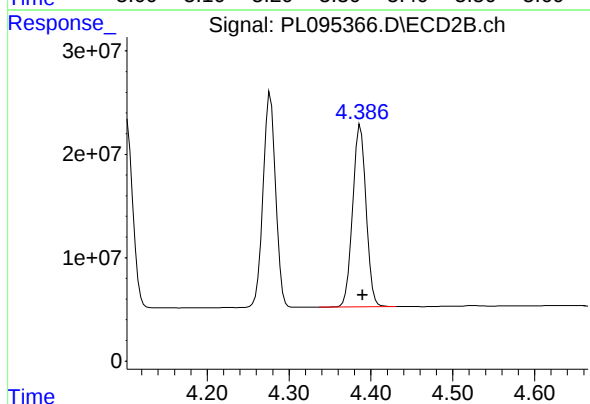
#5 Aldrin

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 246540897
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

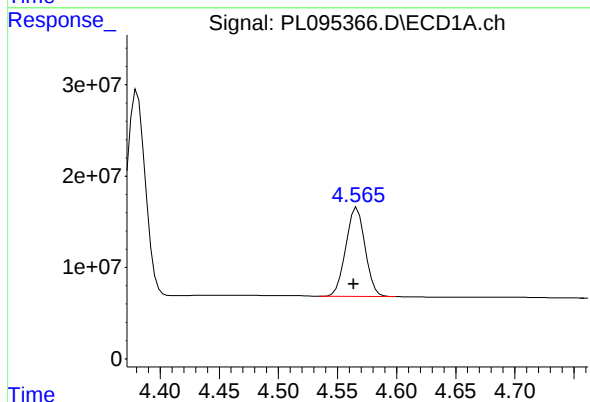
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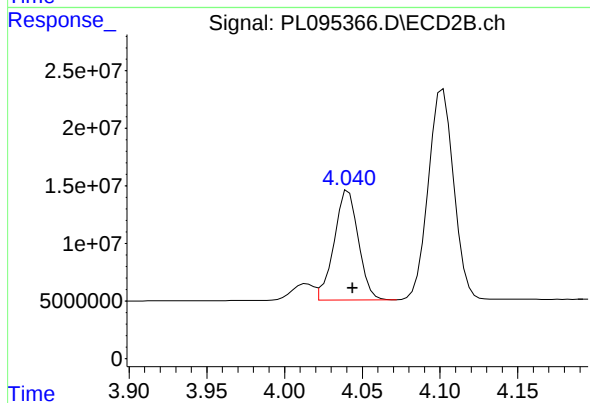
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 201095335
Conc: 48.86 ng/ml



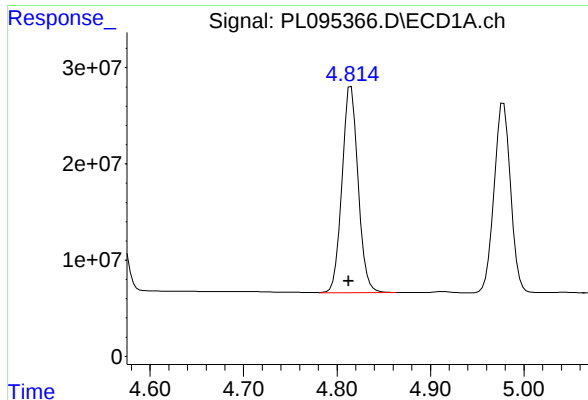
#6 beta-BHC

R.T.: 4.567 min
Delta R.T.: 0.003 min
Response: 110329244
Conc: 53.36 ng/ml



#6 beta-BHC

R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 103354640
Conc: 49.79 ng/ml



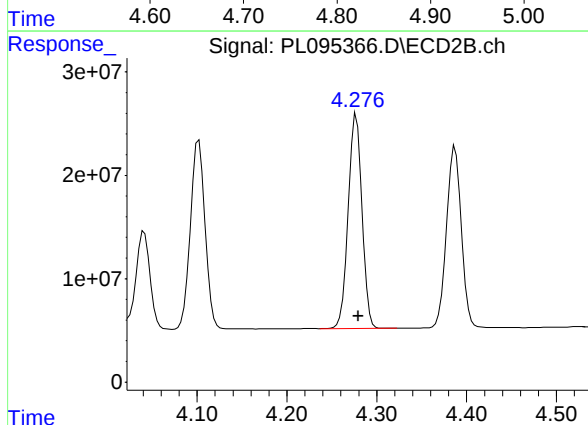
#7 delta-BHC

R.T.: 4.814 min
Delta R.T.: 0.001 min
Response: 256707364
Conc: 55.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

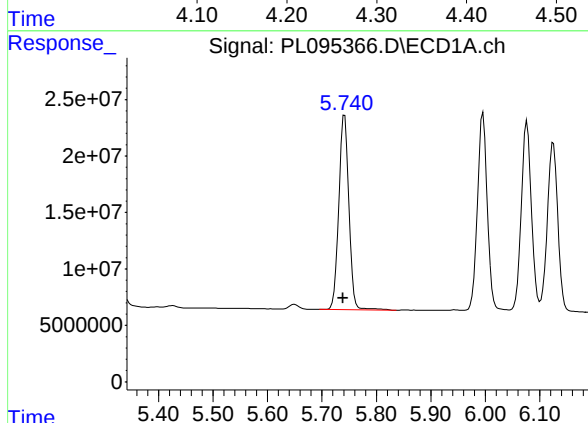
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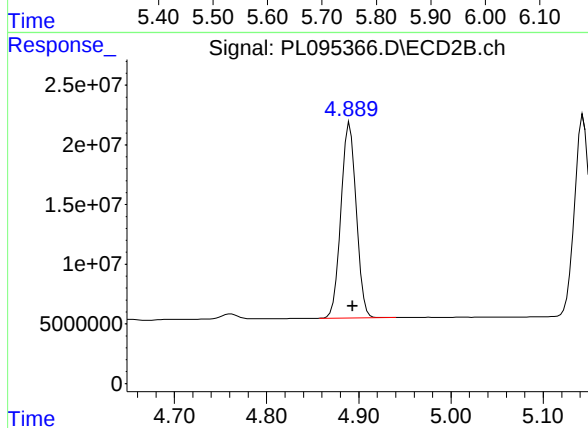
#7 delta-BHC

R.T.: 4.277 min
Delta R.T.: -0.003 min
Response: 220650684
Conc: 50.35 ng/ml



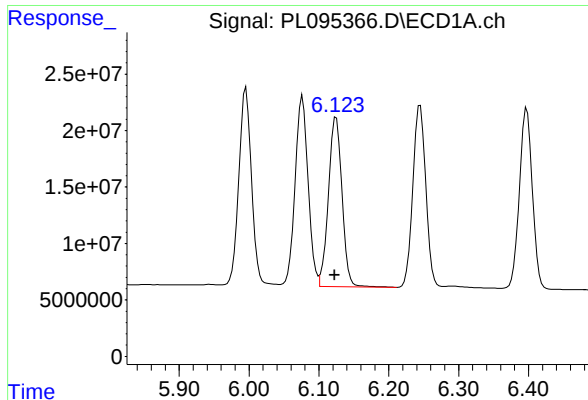
#8 Heptachlor epoxide

R.T.: 5.742 min
Delta R.T.: 0.003 min
Response: 222148863
Conc: 55.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 187960363
Conc: 48.66 ng/ml



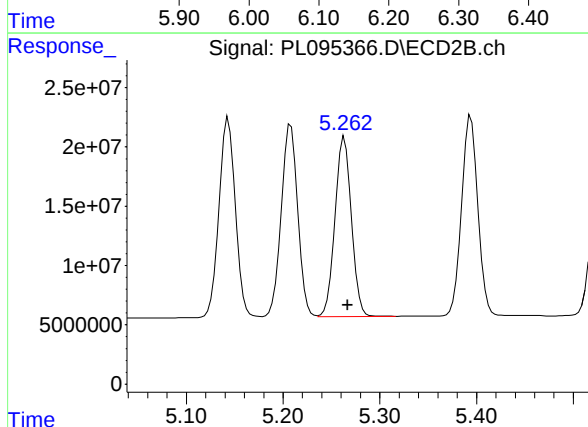
#9 Endosulfan I

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 202398368
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

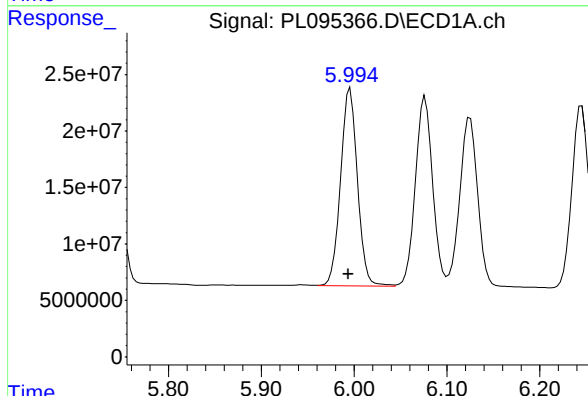
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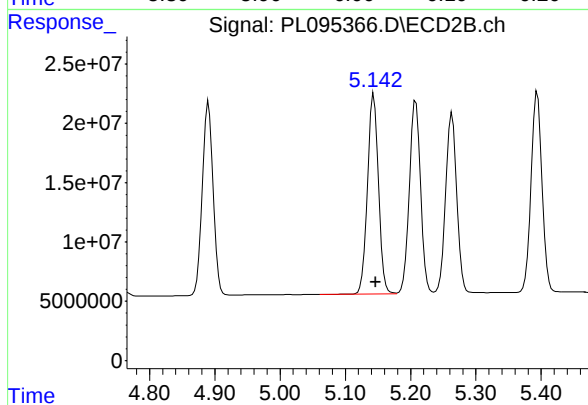
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 179517993
Conc: 49.04 ng/ml



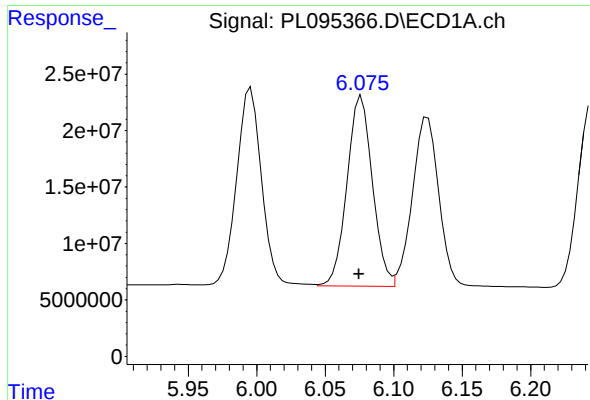
#10 gamma-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.002 min
Response: 221769054
Conc: 54.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 196914011
Conc: 48.59 ng/ml



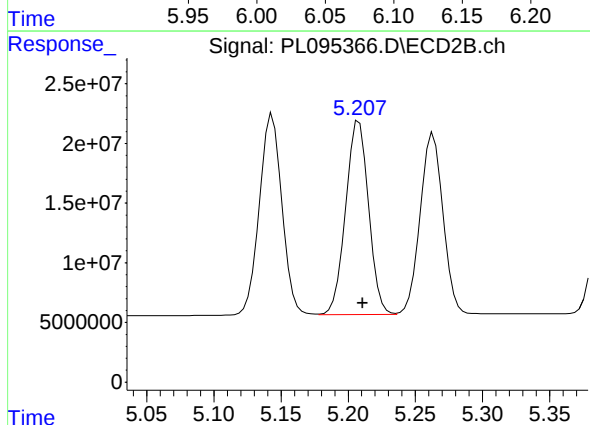
#11 alpha-Chlordane

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 217894218
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

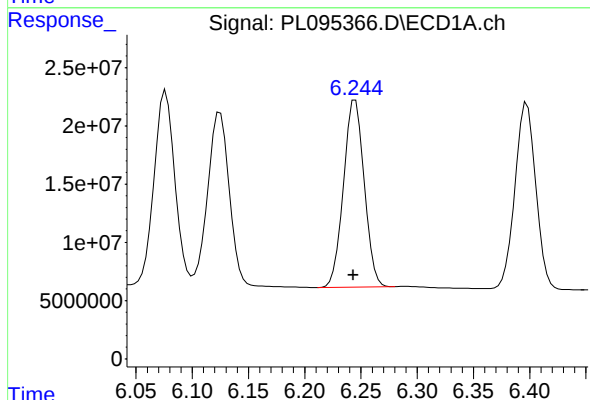
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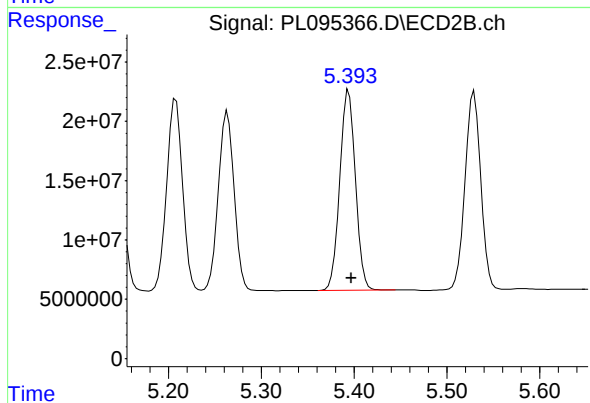
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 193993177
Conc: 48.73 ng/ml



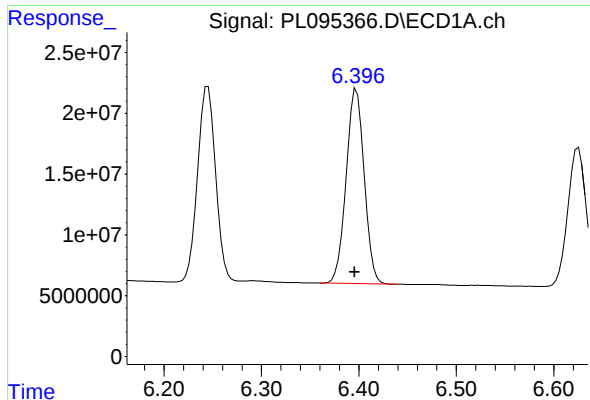
#12 4,4'-DDE

R.T.: 6.245 min
Delta R.T.: 0.002 min
Response: 206024791
Conc: 52.55 ng/ml



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 197950315
Conc: 48.67 ng/ml



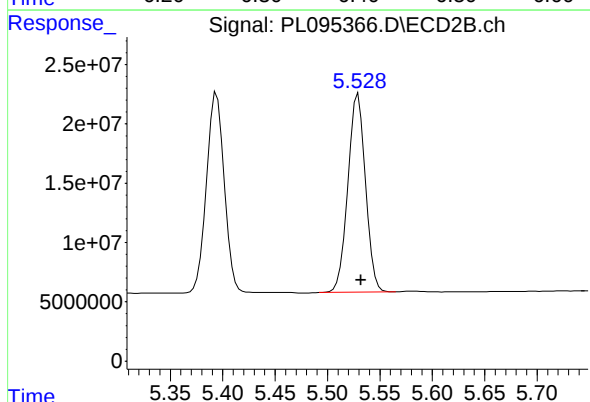
#13 Dieldrin

R.T.: 6.398 min
Delta R.T.: 0.002 min
Response: 206003230
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

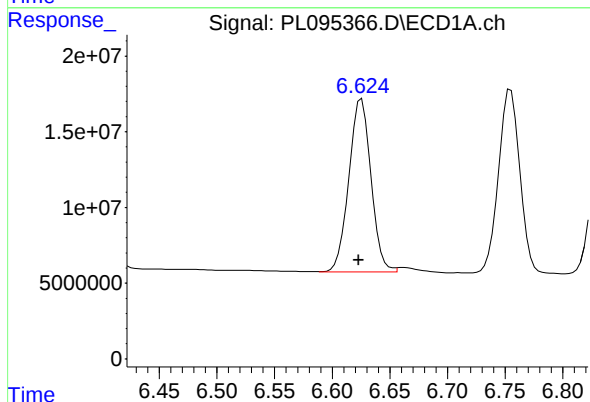
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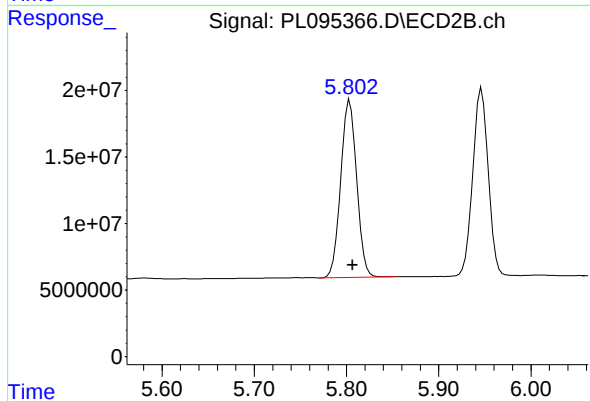
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 196630632
Conc: 48.35 ng/ml



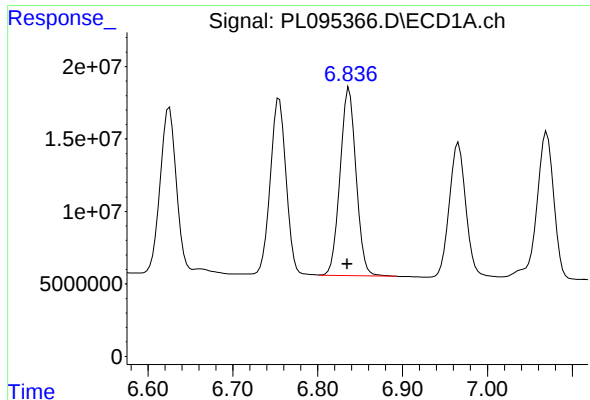
#14 Endrin

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 152372756
Conc: 47.84 ng/ml m



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 159543785
Conc: 43.82 ng/ml



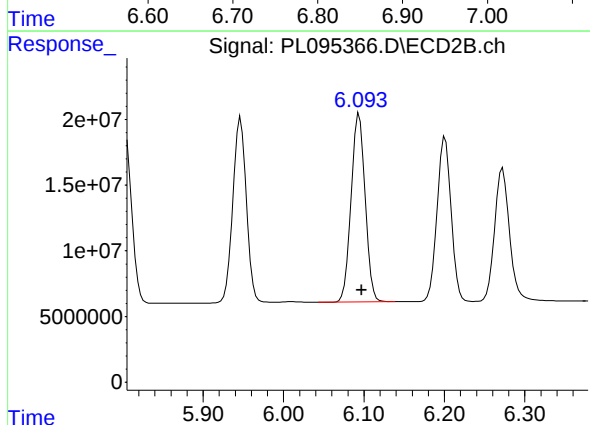
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 170345638
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

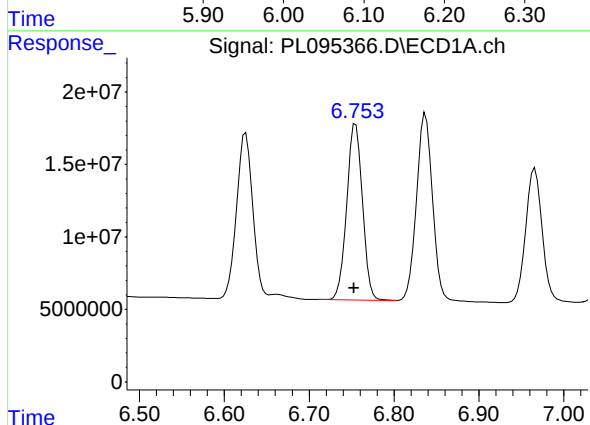
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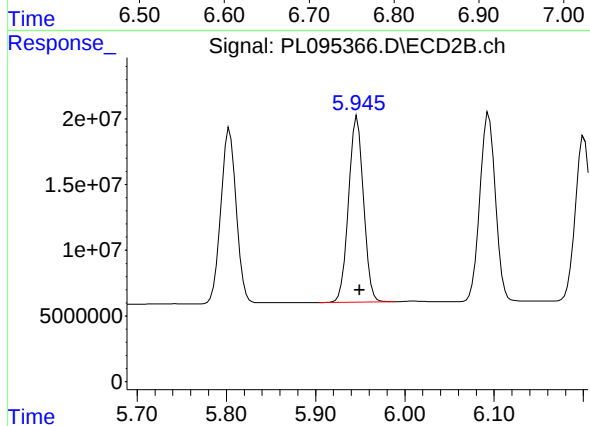
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 173837514
Conc: 48.41 ng/ml



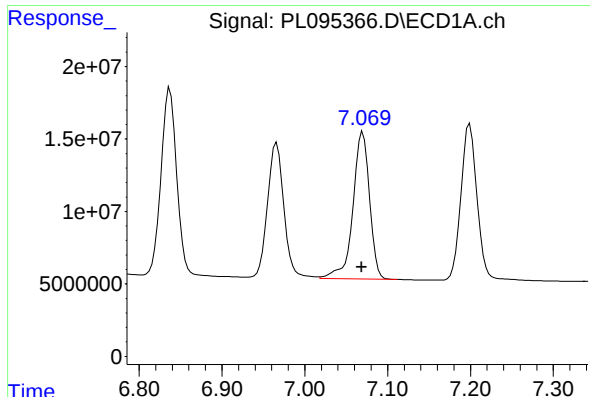
#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 157277739
Conc: 55.56 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 164944184
Conc: 50.49 ng/ml



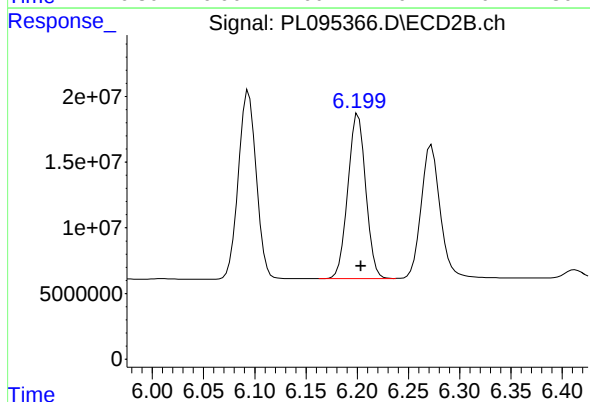
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.001 min
Response: 141215648
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

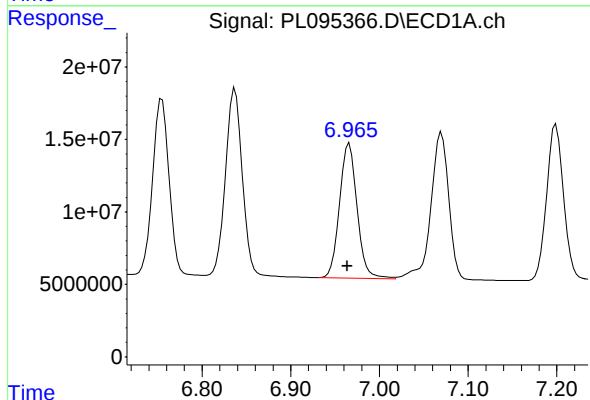
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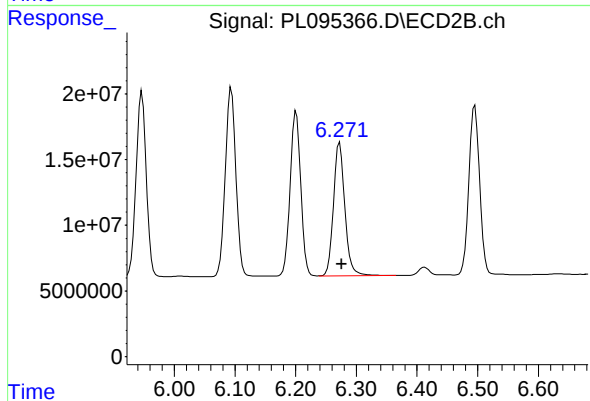
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 151972126
Conc: 44.23 ng/ml



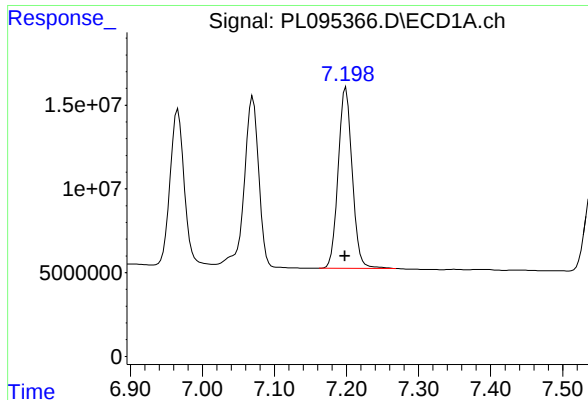
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 127653804
Conc: 55.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 131941283
Conc: 50.49 ng/ml



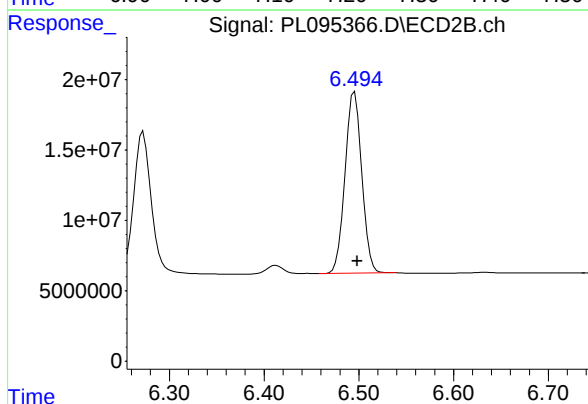
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.001 min
Response: 145041116
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

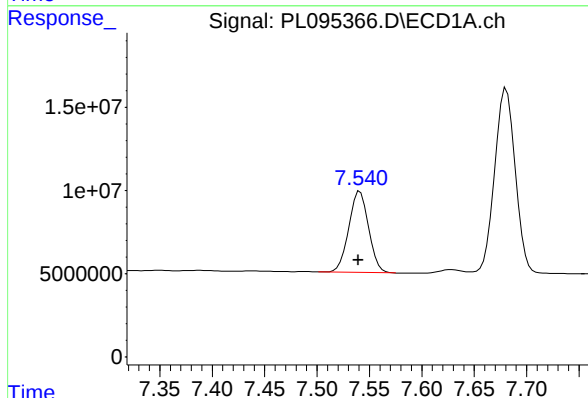
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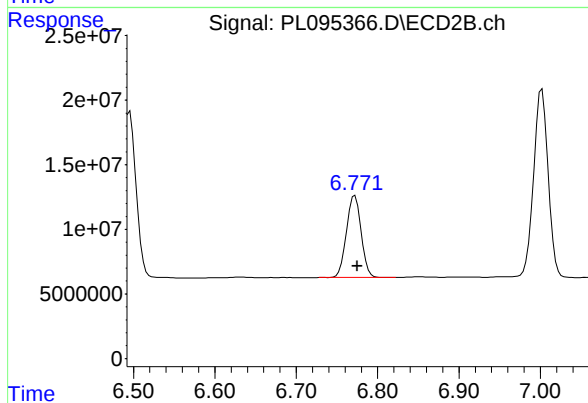
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 158318519
Conc: 47.72 ng/ml



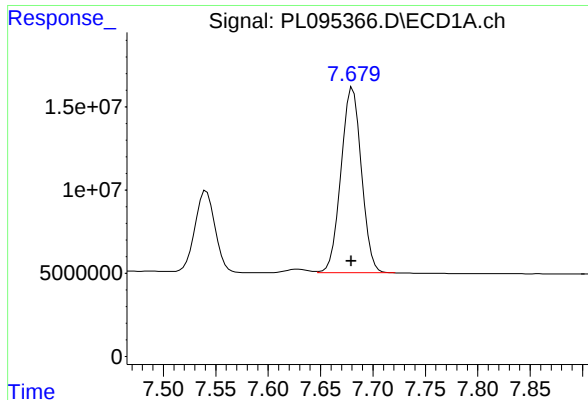
#20 Methoxychlor

R.T.: 7.541 min
Delta R.T.: 0.001 min
Response: 64225835
Conc: 46.04 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 79756417
Conc: 41.81 ng/ml



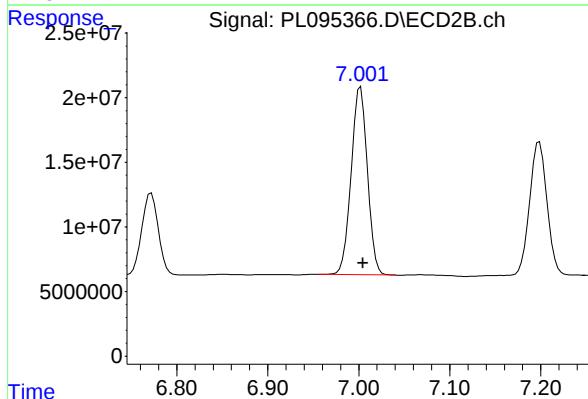
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.001 min
Response: 151372546
Conc: 53.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

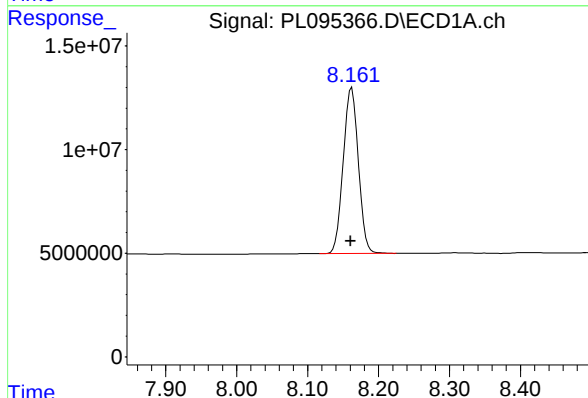
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



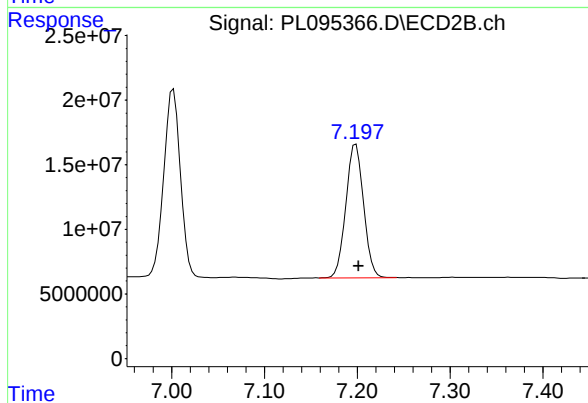
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 181103524
Conc: 51.43 ng/ml



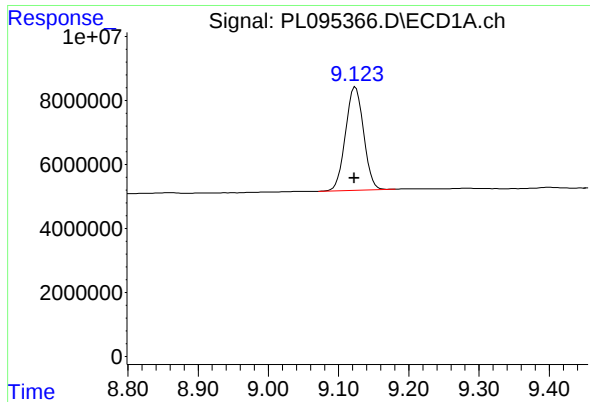
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.002 min
Response: 118757160
Conc: 49.98 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 137214401
Conc: 47.60 ng/ml m



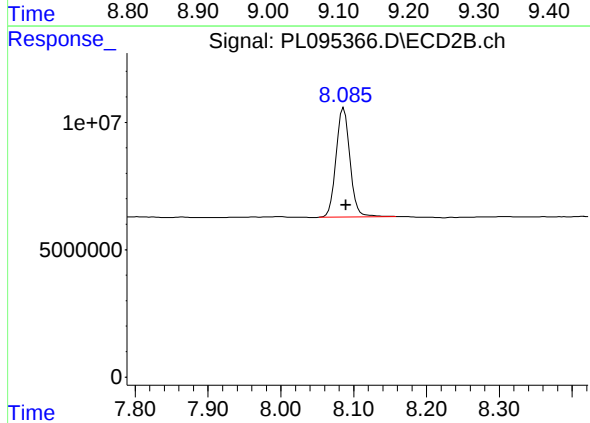
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.002 min
Response: 57874766
Conc: 20.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167720BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 56808283
Conc: 19.20 ng/ml