

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
 Data File : PL095726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 14:59
 Operator : AR\AJ
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-24MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 01:57:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.589	2.907	69496234	81896900	17.008m	17.484
28)	SA Decachlor...	9.112	8.084	50468339	57541638	14.877	13.950
Target Compounds							
2)	A alpha-BHC	4.042	3.417	264.2E6	301.0E6	45.149	42.093
3)	MA gamma-BHC...	4.373	3.750	249.1E6	280.5E6	44.750	41.543
4)	MA Heptachlor	4.970	4.104	237.5E6	270.2E6	43.611	41.422
5)	MB Aldrin	5.312	4.389	260.0E6	265.2E6	45.265	41.577
6)	B beta-BHC	4.559	4.045	86356590	125.2E6	35.261	41.513
7)	B delta-BHC	4.806	4.281	240.2E6	283.8E6	44.212	41.695
8)	B Heptachlo...	5.732	4.892	220.7E6	240.2E6	42.595	41.564
9)	A Endosulfan I	6.116	5.265	220.2E6	219.4E6	44.978	42.422
10)	B gamma-Chl...	5.987	5.144	235.9E6	247.2E6	44.059	41.502
11)	B alpha-Chl...	6.068	5.208	233.8E6	240.4E6	44.979	40.725
12)	B 4,4'-DDE	6.237	5.394	209.6E6	245.6E6	40.942	41.146
13)	MA Dieldrin	6.389	5.530	209.4E6	257.4E6	42.495	41.838
14)	MA Endrin	6.616	5.804	171.4E6	237.1E6	44.754	44.495
15)	B Endosulfa...	6.828	6.095	176.4E6	224.6E6	42.328	41.005
16)	A 4,4'-DDD	6.746	5.946	167.3E6	216.9E6	43.050	42.173
17)	MA 4,4'-DDT	7.061	6.200	164.9E6	215.7E6	45.828	42.971
18)	B Endrin al...	6.957	6.273	130.6E6	162.8E6	44.481	42.514
19)	B Endosulfa...	7.191	6.494	159.2E6	202.5E6	43.374	40.736m
20)	A Methoxychlor	7.532	6.770	78037836	116.6E6	46.285	43.108
21)	B Endrin ke...	7.672	7.002	163.9E6	238.4E6	43.745	40.563
22)	Mirex	8.153	7.197	130.5E6	174.7E6	42.851	40.509

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
Data File : PL095726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2025 14:59
Operator : AR\AJ
Sample : Q2032-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

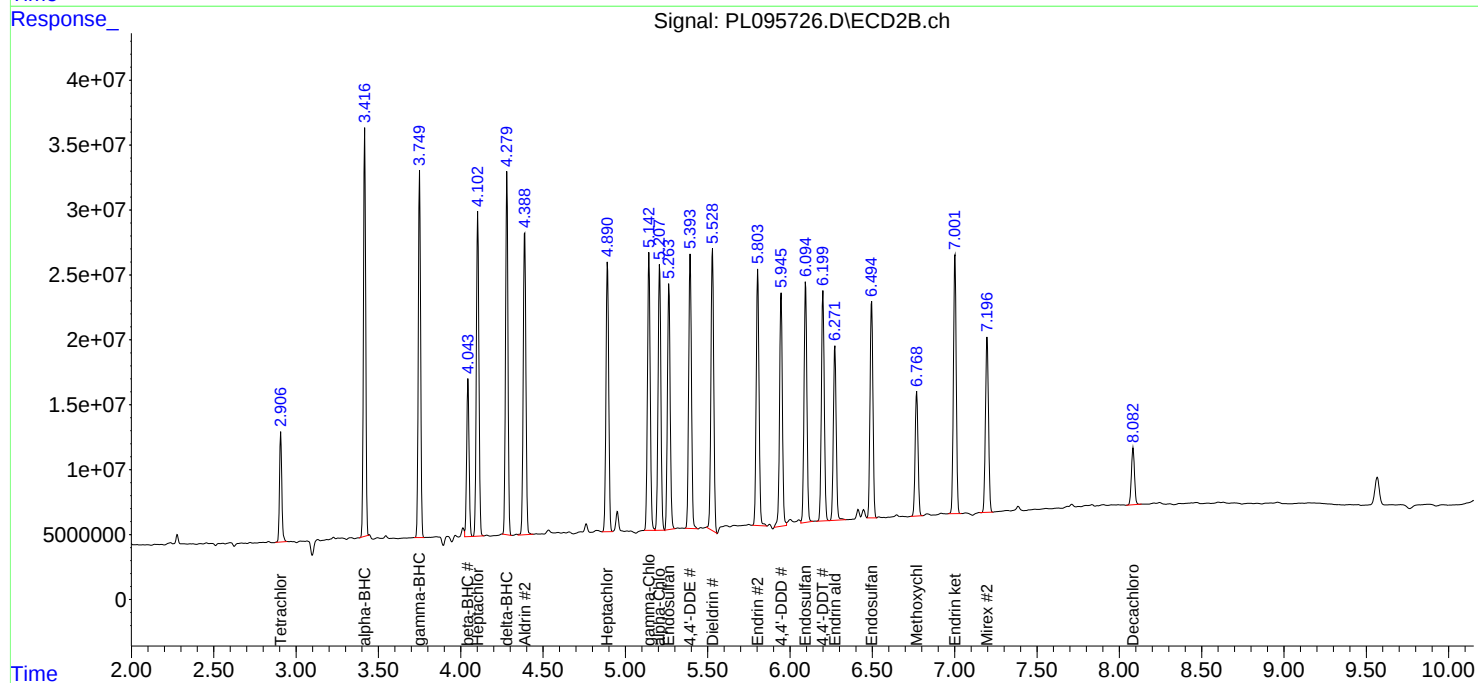
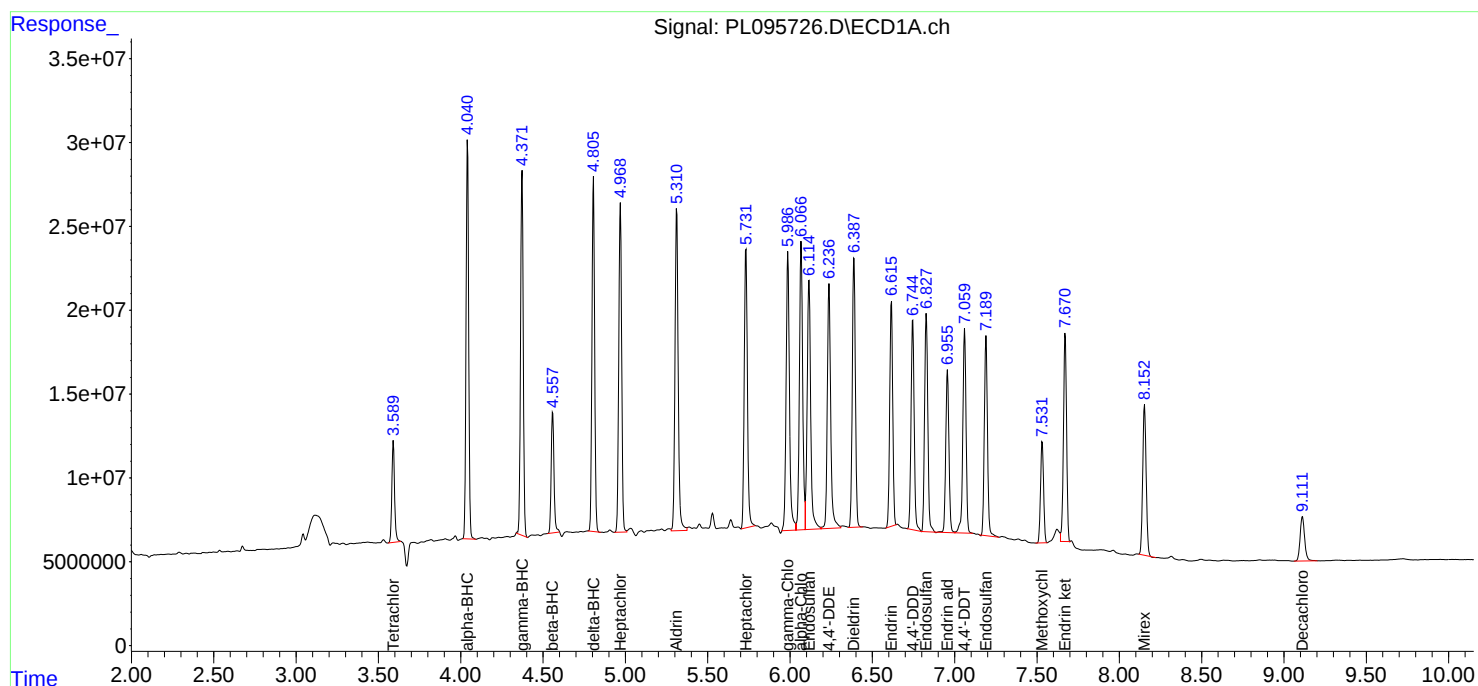
Instrument :
ECD_L
ClientSampleId :
TP-24MSD

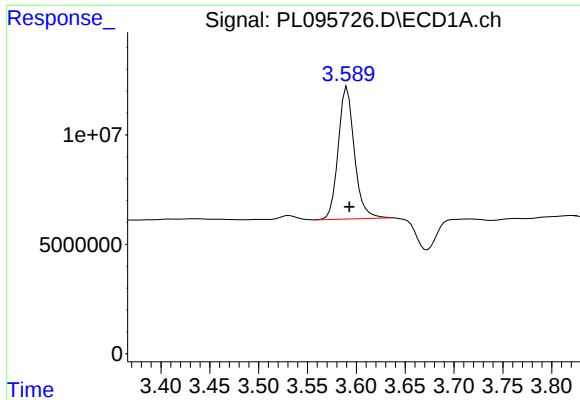
Manual Integrations
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Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 01:57:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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





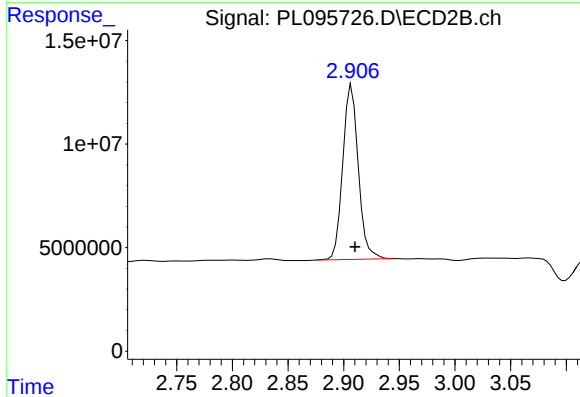
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.004 min
Response: 69496234
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

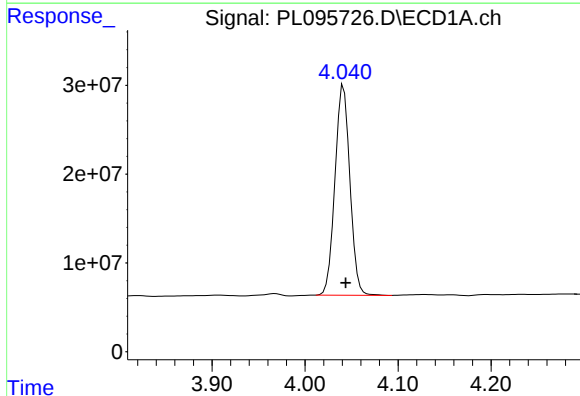
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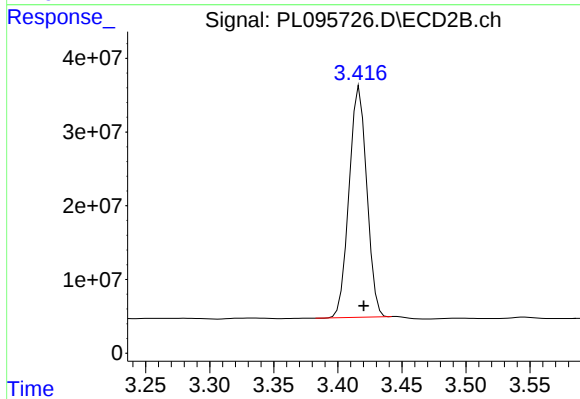
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: -0.003 min
Response: 81896900
Conc: 17.48 ng/ml



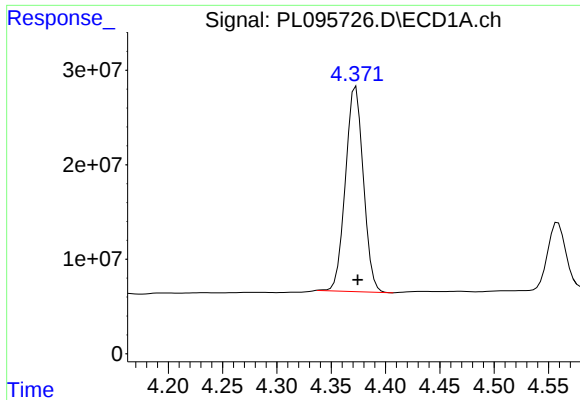
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 264175483
Conc: 45.15 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: -0.003 min
Response: 301021301
Conc: 42.09 ng/ml



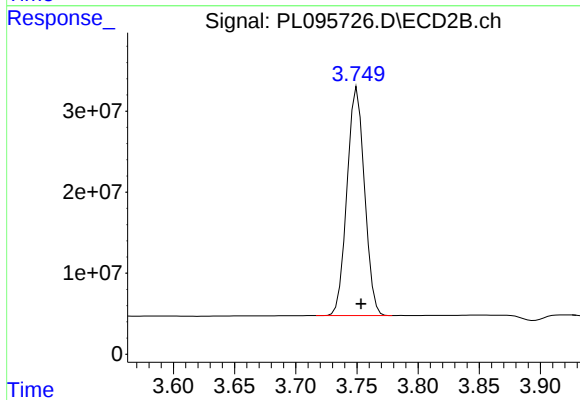
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.002 min
Response: 249083608
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

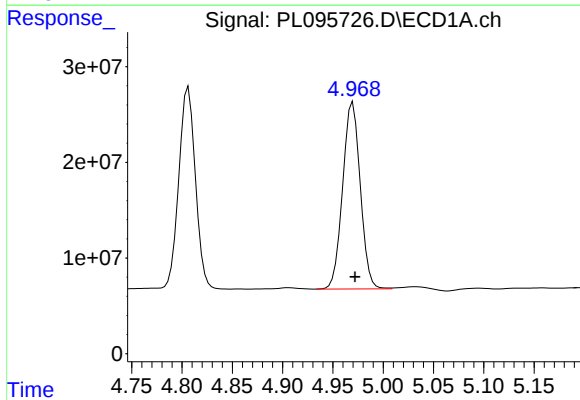
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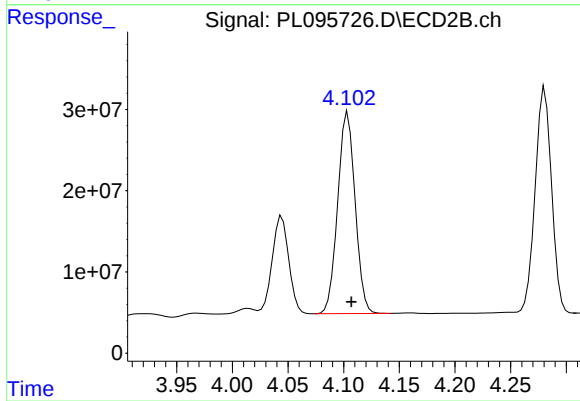
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 280524757
Conc: 41.54 ng/ml



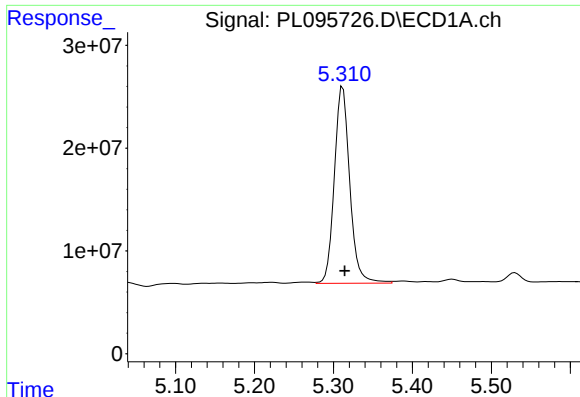
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 237501669
Conc: 43.61 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 270215181
Conc: 41.42 ng/ml



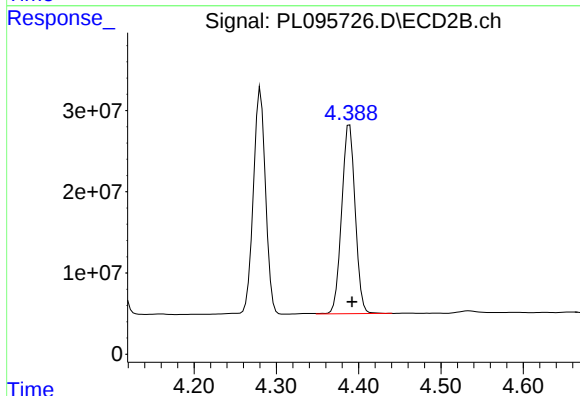
#5 Aldrin

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 259988049
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

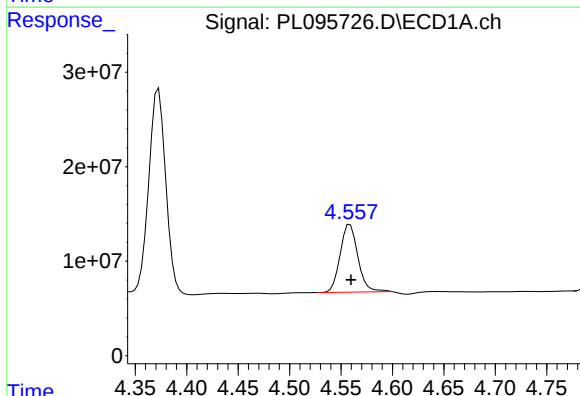
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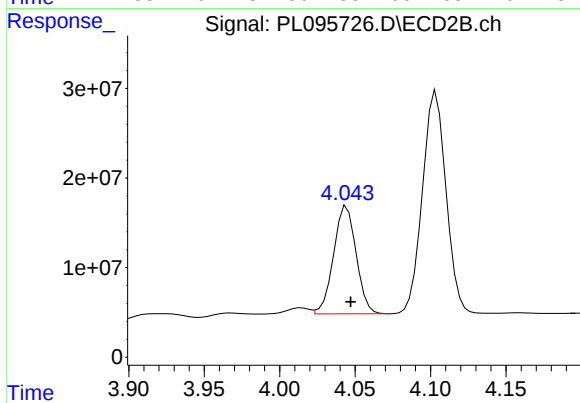
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 265172079
Conc: 41.58 ng/ml



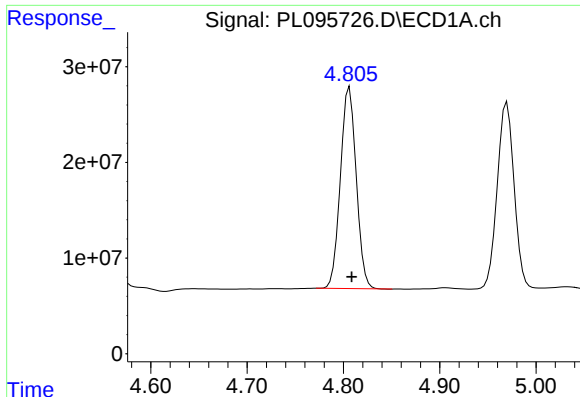
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 86356590
Conc: 35.26 ng/ml



#6 beta-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 125246434
Conc: 41.51 ng/ml



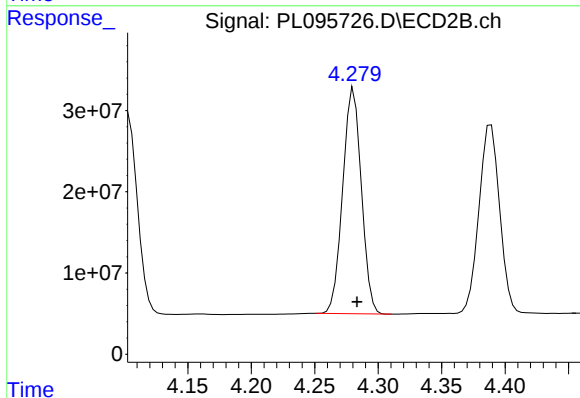
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 240195694
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

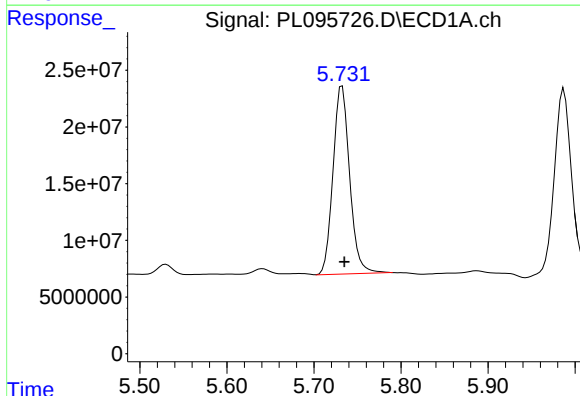
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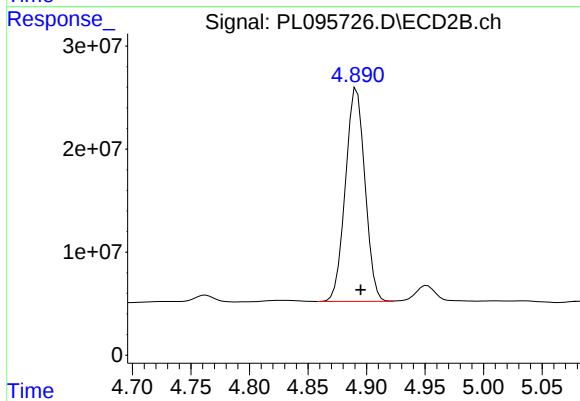
#7 delta-BHC

R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 283808519
Conc: 41.69 ng/ml



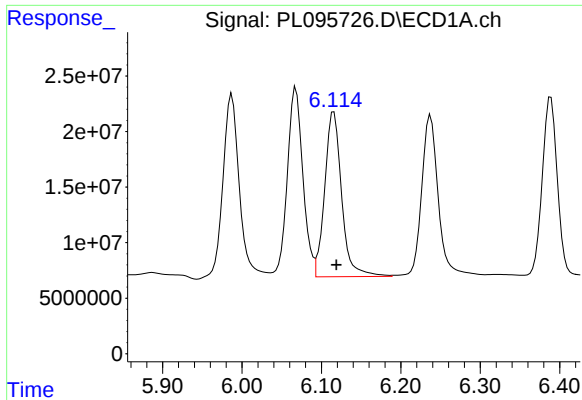
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: -0.003 min
Response: 220723001
Conc: 42.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 240215626
Conc: 41.56 ng/ml



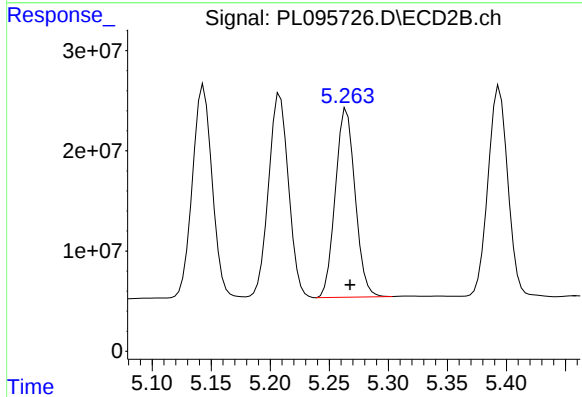
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 220189770
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

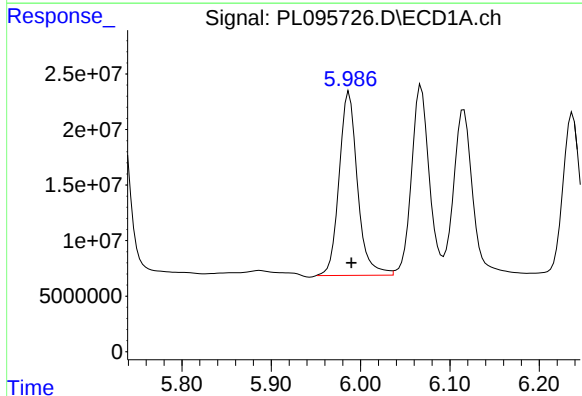
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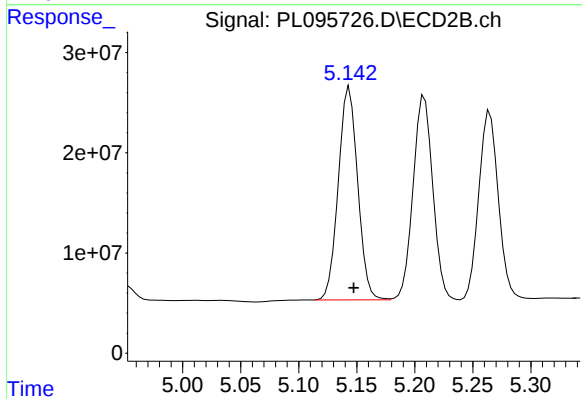
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 219405392
Conc: 42.42 ng/ml



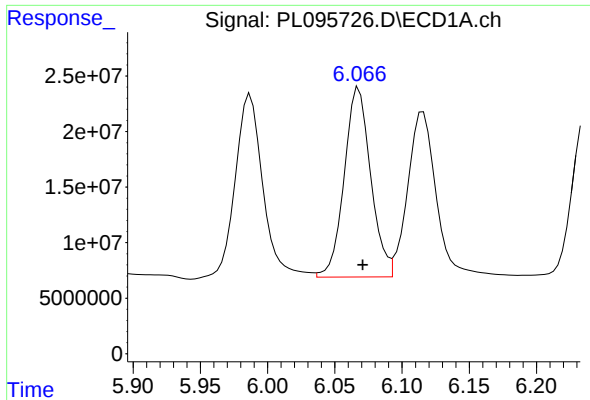
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 235946246
Conc: 44.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.004 min
Response: 247202357
Conc: 41.50 ng/ml



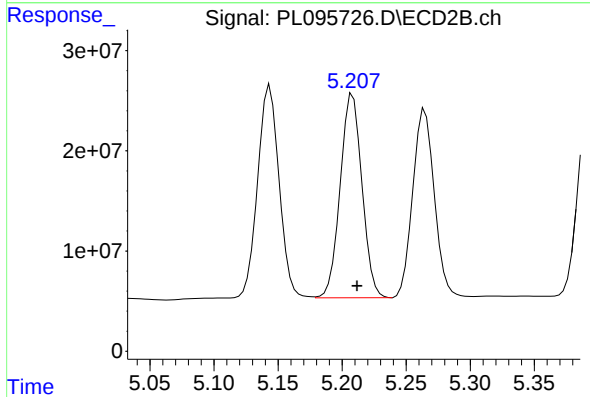
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 233791710
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

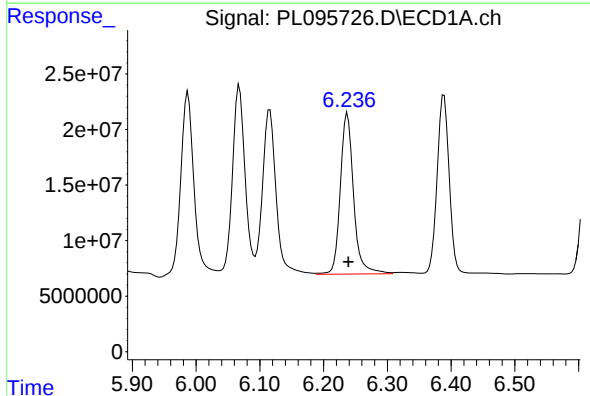
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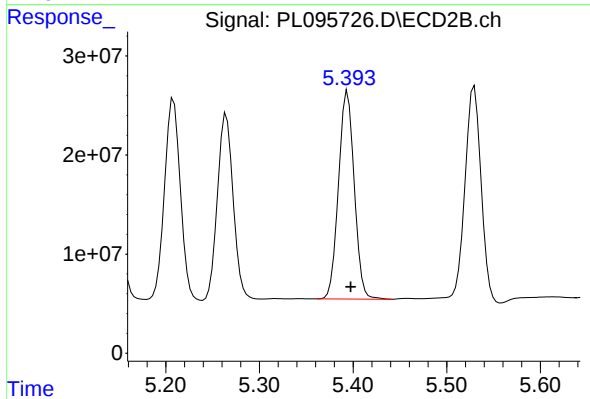
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 240364835
Conc: 40.72 ng/ml



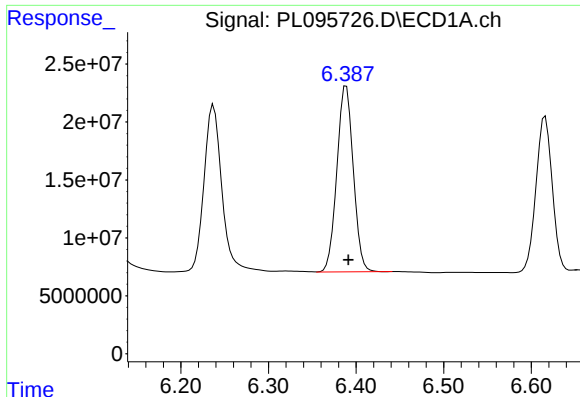
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 209573416
Conc: 40.94 ng/ml



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 245550886
Conc: 41.15 ng/ml



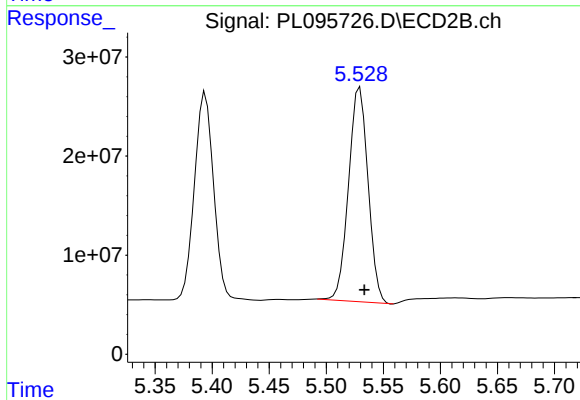
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 209421094
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

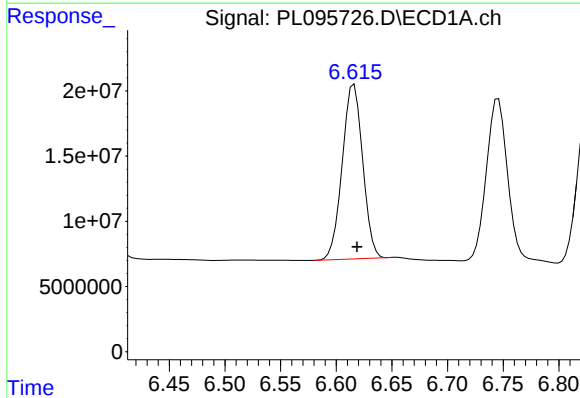
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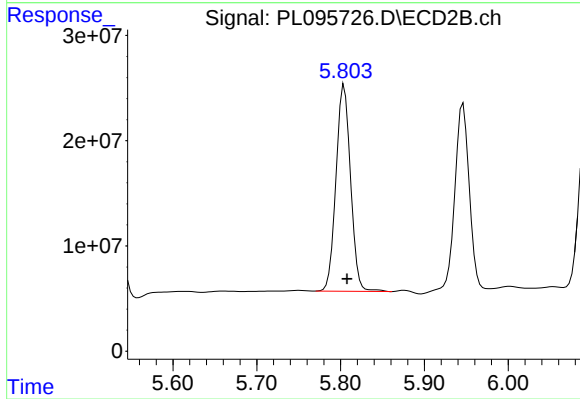
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 257418517
Conc: 41.84 ng/ml



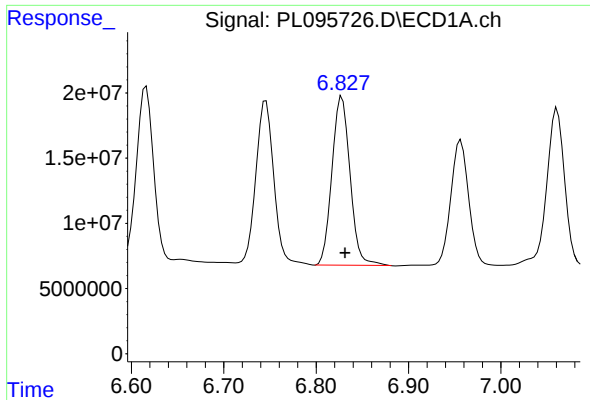
#14 Endrin

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 171431922
Conc: 44.75 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 237053463
Conc: 44.49 ng/ml



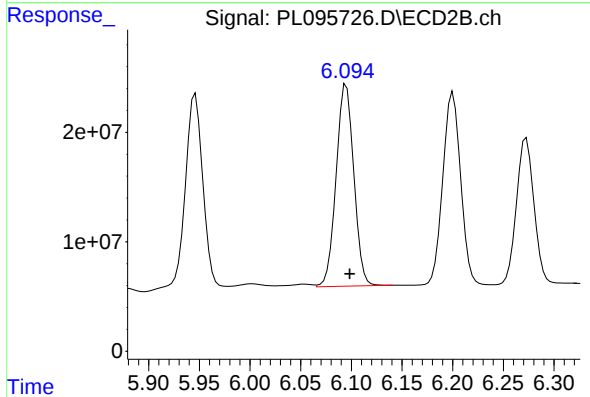
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 176426435
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

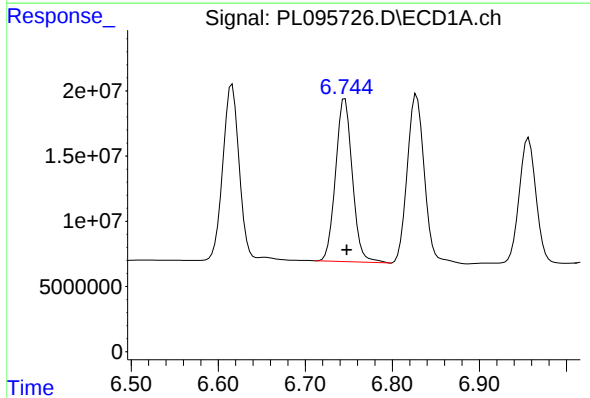
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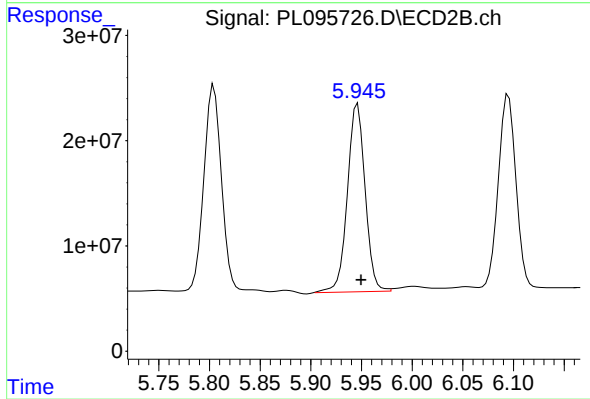
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 224561347
Conc: 41.01 ng/ml



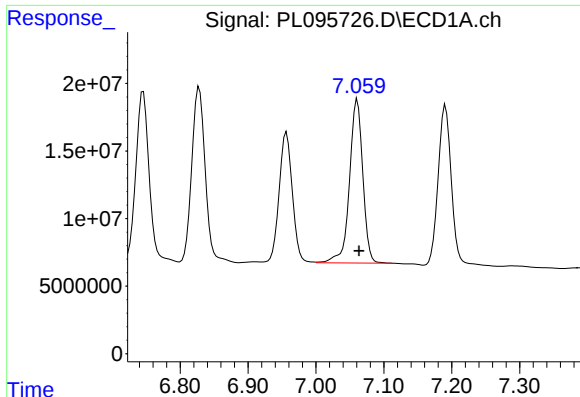
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 167275038
Conc: 43.05 ng/ml



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 216884904
Conc: 42.17 ng/ml



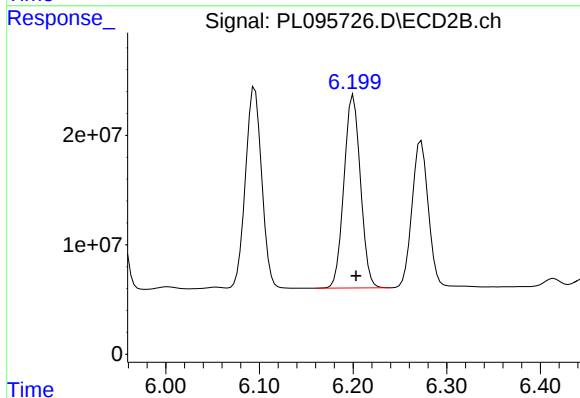
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.003 min
Response: 164882174
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

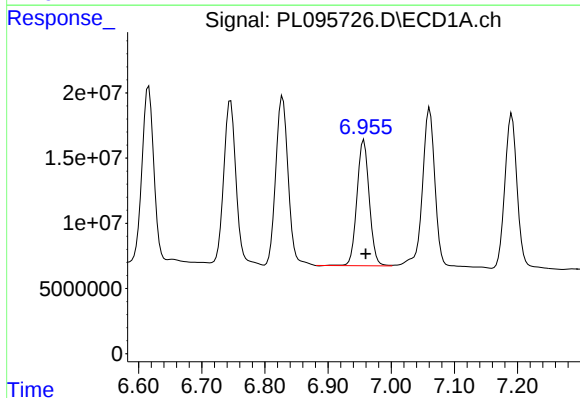
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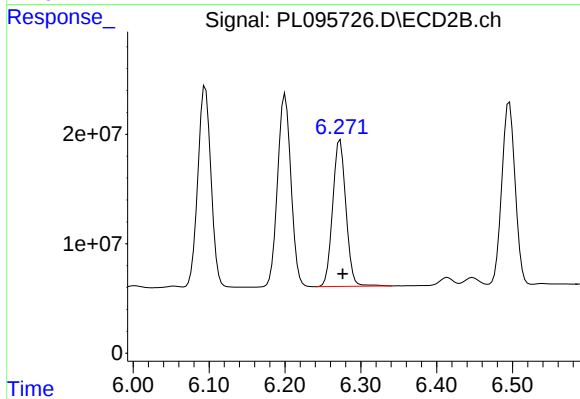
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 215665531
Conc: 42.97 ng/ml



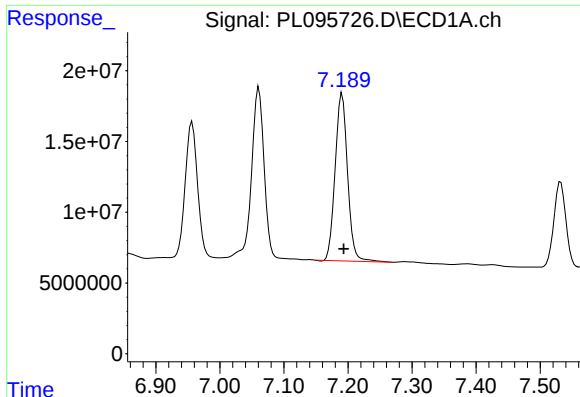
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 130592308
Conc: 44.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 162775942
Conc: 42.51 ng/ml



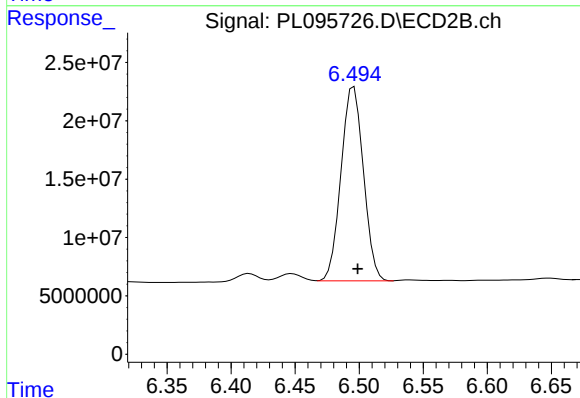
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 159197271
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

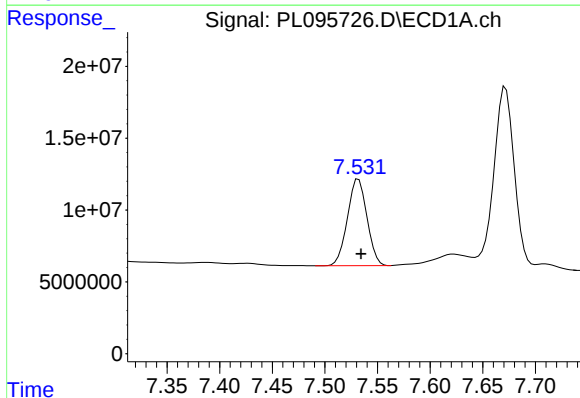
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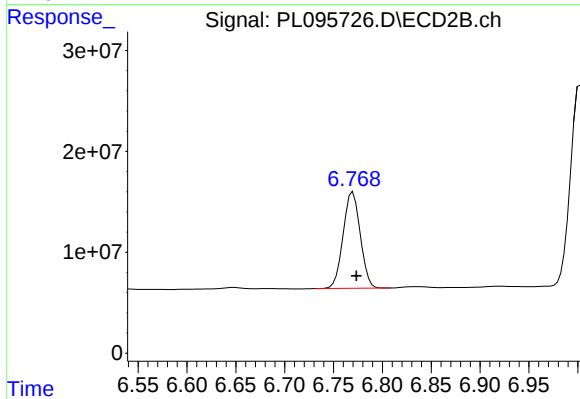
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 202530398
Conc: 40.74 ng/ml m



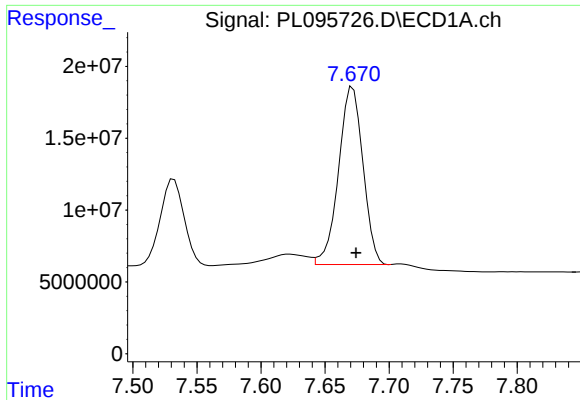
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 78037836
Conc: 46.28 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 116641686
Conc: 43.11 ng/ml



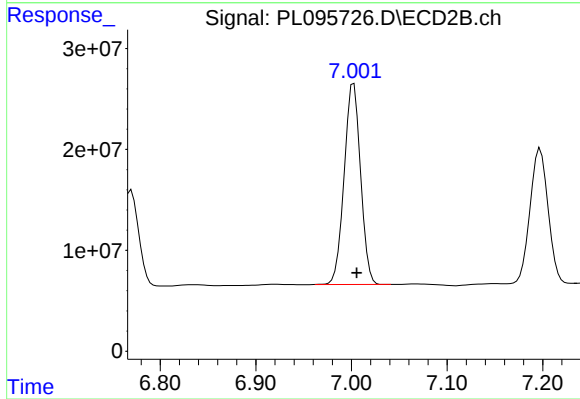
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 163881936
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

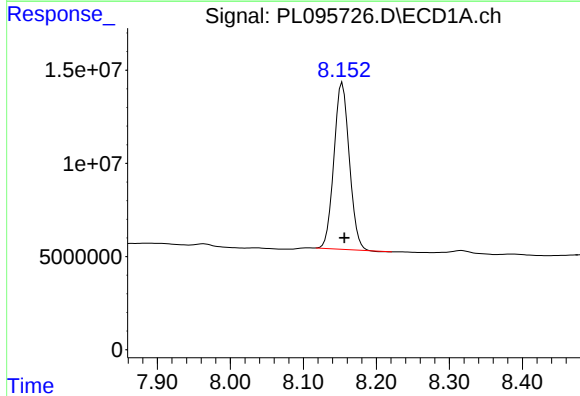
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



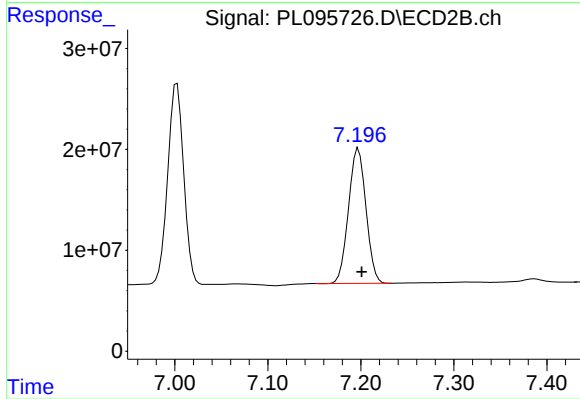
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 238372735
Conc: 40.56 ng/ml



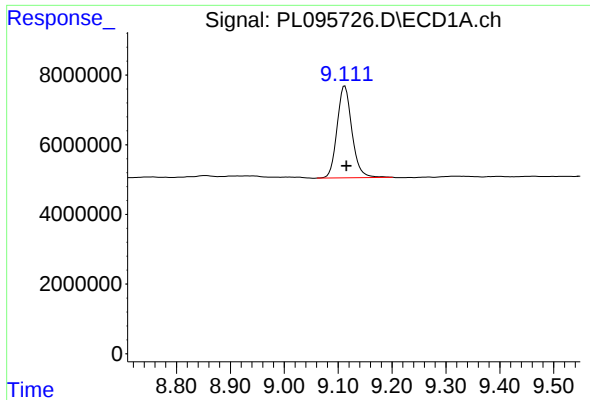
#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.003 min
Response: 130466747
Conc: 42.85 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.003 min
Response: 174661809
Conc: 40.51 ng/ml



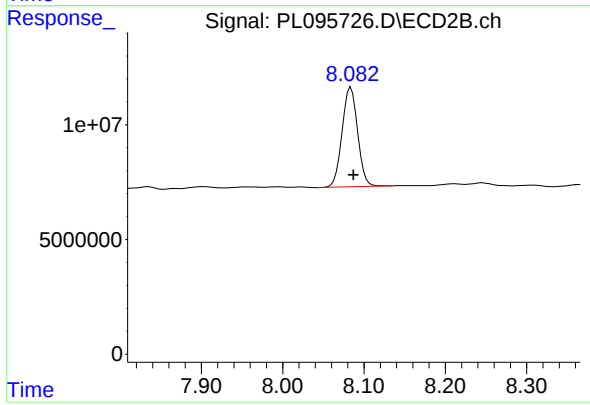
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.003 min
Response: 50468339
Conc: 14.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MSD

Manual Integrations
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Supervised By :mohammad ahmed 05/20/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.003 min
Response: 57541638
Conc: 13.95 ng/ml