

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 14:03
 Operator : AR\AJ
 Sample : Q3178-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EME-TS14-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/01/2025
 Supervised By : mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:22:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.824	45182001	57993748	9.980m	8.820
28)	SA Decachlor...	8.997	7.982	8555489	17293150	2.615m	3.038
Target Compounds							
2)	A alpha-BHC	3.973	3.328	191.8E6	282.7E6	27.452	28.388
3)	MA gamma-BHC...	4.301	3.660	135.7E6	199.4E6	20.526	21.404
4)	MA Heptachlor	4.891	4.008	129.0E6	185.5E6	19.337	19.930
5)	MB Aldrin	5.230	4.290	153.9E6	223.3E6	24.293	25.729
6)	B beta-BHC	4.488	3.956	73518562	106.9E6	26.968	26.316
7)	B delta-BHC	4.732	4.188	137.3E6	195.9E6	22.632m	21.307
8)	B Heptachlo...	5.648	4.791	142.5E6	198.3E6	24.798m	25.006
9)	A Endosulfan I	6.031	5.162	139.6E6	171.3E6	26.951	22.295
10)	B gamma-Chl...	5.904	5.044	157.4E6	214.3E6	27.841	24.542
11)	B alpha-Chl...	5.984	5.107	148.6E6	199.0E6	26.160	23.978
12)	B 4,4'-DDE	6.154	5.296	130.1E6	187.3E6	27.315	24.376
13)	MA Dieldrin	6.303	5.427	134.0E6	189.1E6	24.449	23.129
14)	MA Endrin	6.530	5.701	115.0E6	167.2E6	24.935	22.268
15)	B Endosulfa...	6.743	5.992	113.1E6	145.2E6	22.993	20.422
16)	A 4,4'-DDD	6.663	5.849	96970196	133.4E6	25.718	20.690
17)	MA 4,4'-DDT	6.975	6.100	92748896	106.2E6	21.941m	15.340 #
18)	B Endrin al...	6.872	6.171	40902283	52857582	13.268	9.903 #
19)	B Endosulfa...	7.105	6.394	91828185	111.4E6	22.492	16.268 #
20)	A Methoxychlor	7.450	6.672	42900344	57322985	20.572	15.207 #
21)	B Endrin ke...	7.583	6.897	109.9E6	137.7E6	25.901m	18.285m#
22)	Mirex	8.063	7.088	95792166	119.8E6	26.981	20.044 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 14:03
Operator : AR\AJ
Sample : Q3178-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

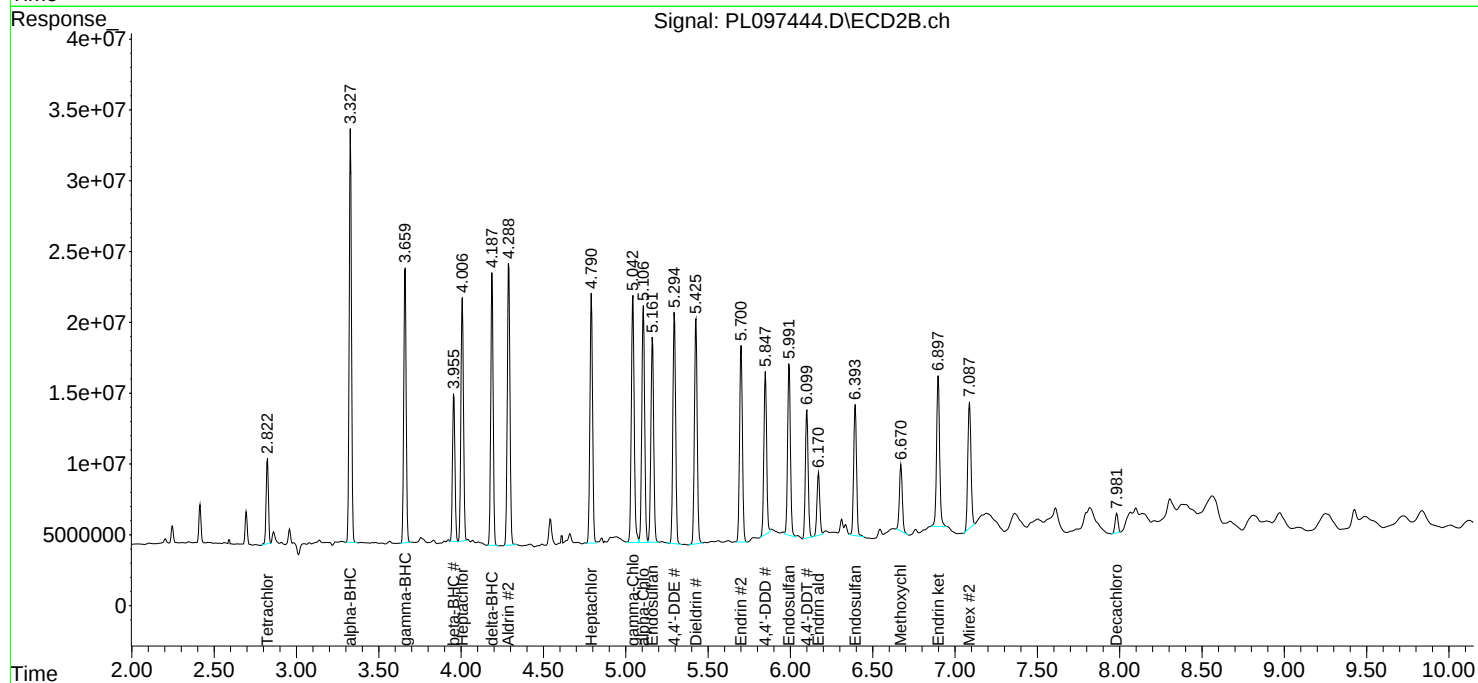
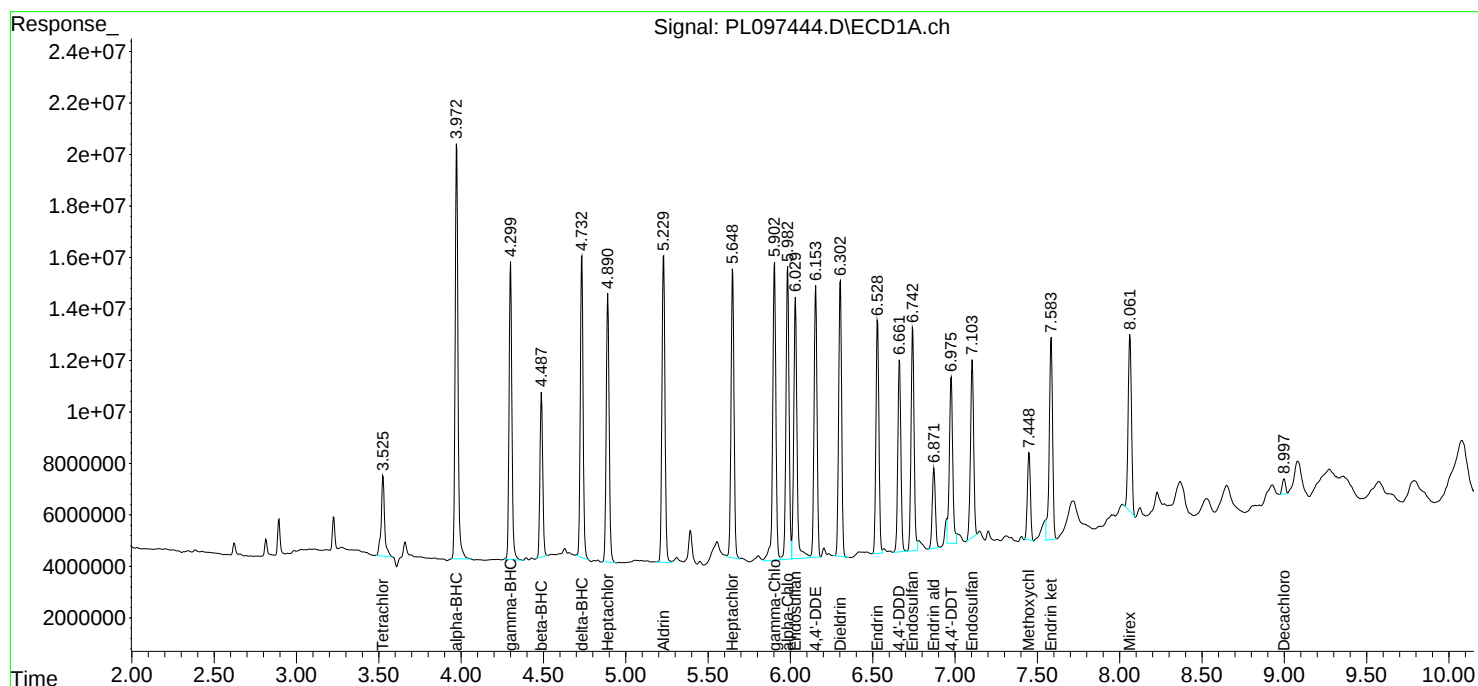
Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

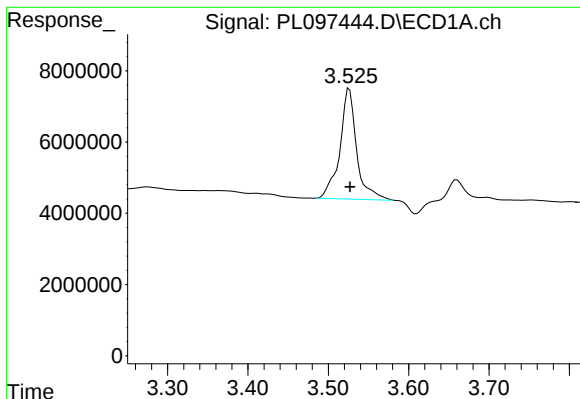
Manual Integrations
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Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





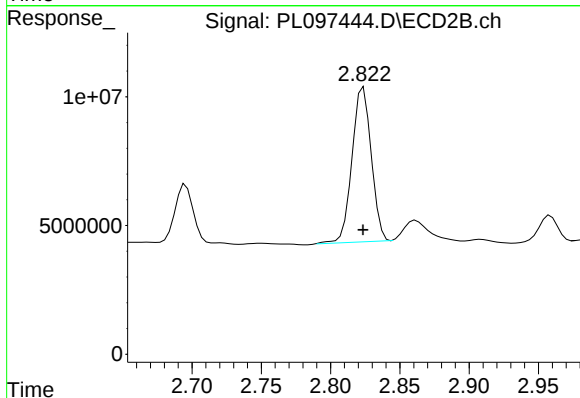
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 45182001
Conc: 9.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

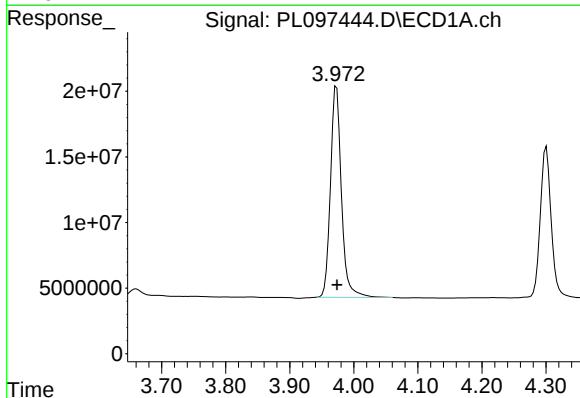
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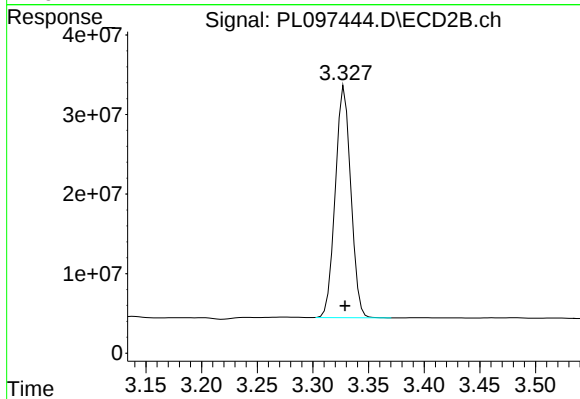
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 57993748
Conc: 8.82 ng/ml



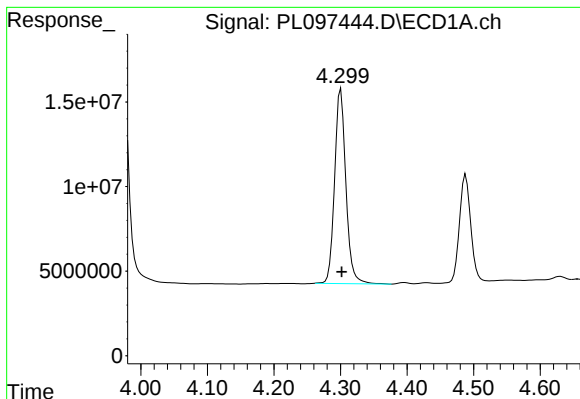
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 191816040
Conc: 27.45 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 282678259
Conc: 28.39 ng/ml



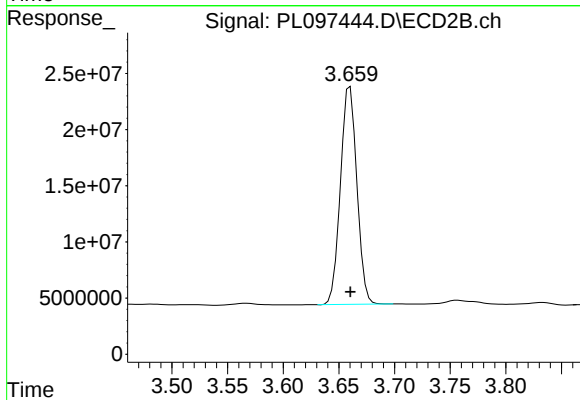
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 135743397
Conc: 20.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

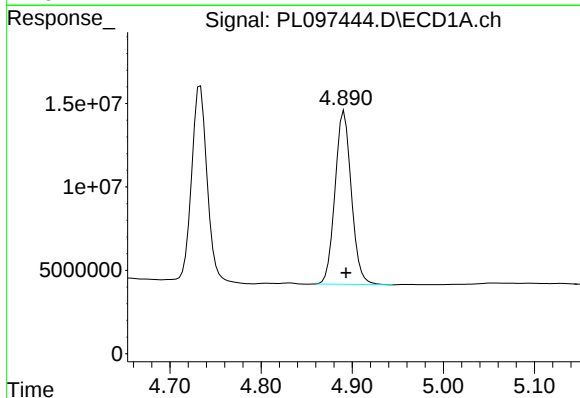
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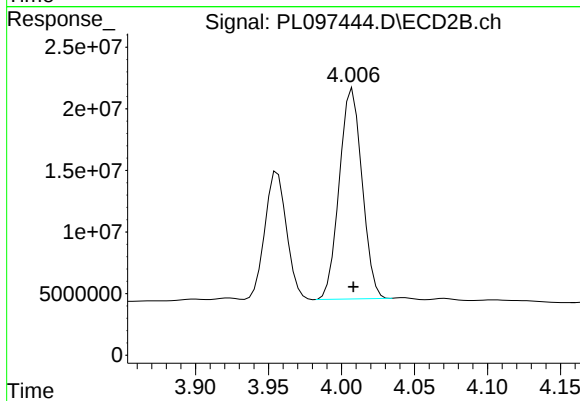
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 199372923
Conc: 21.40 ng/ml



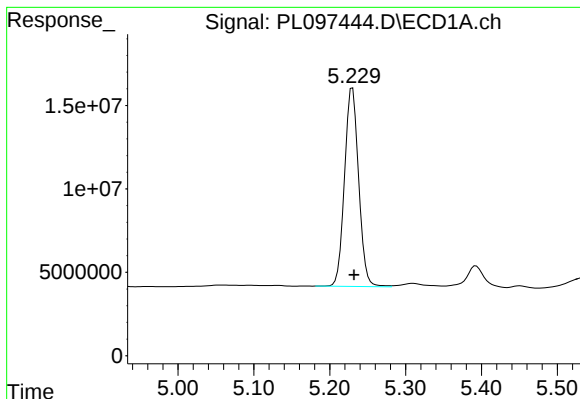
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 128976755
Conc: 19.34 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 185453199
Conc: 19.93 ng/ml



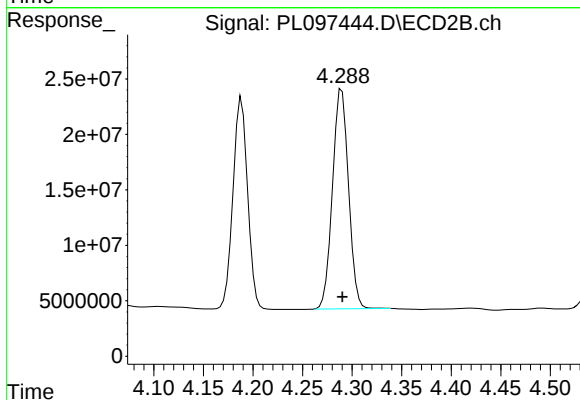
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 153867131
Conc: 24.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

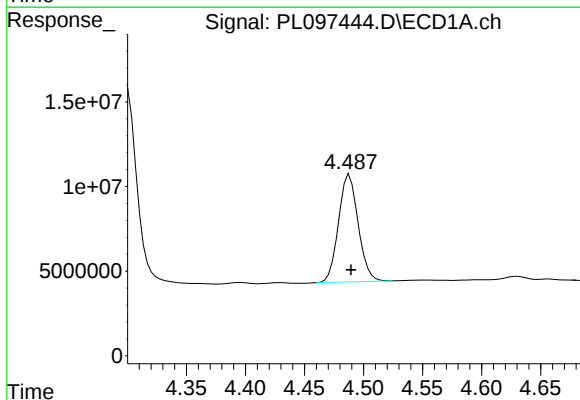
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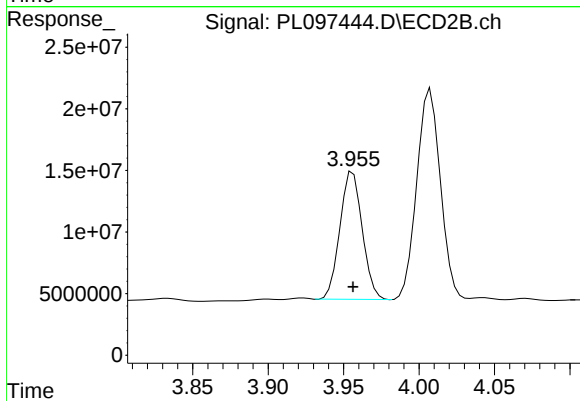
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 223308100
Conc: 25.73 ng/ml



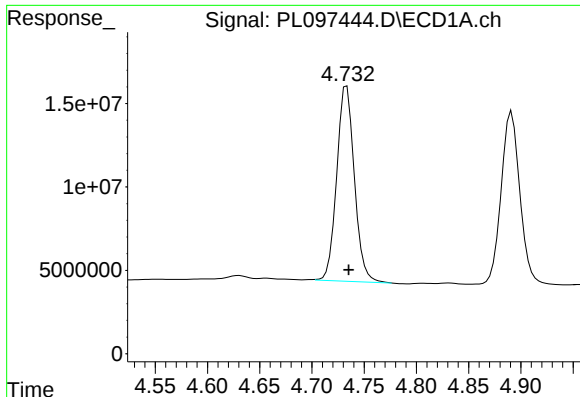
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 73518562
Conc: 26.97 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 106897487
Conc: 26.32 ng/ml



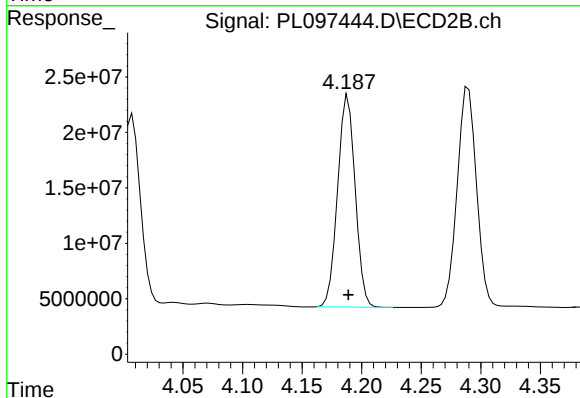
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 137340505
Conc: 22.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

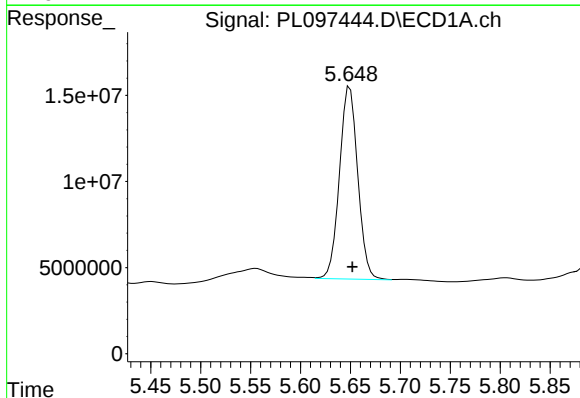
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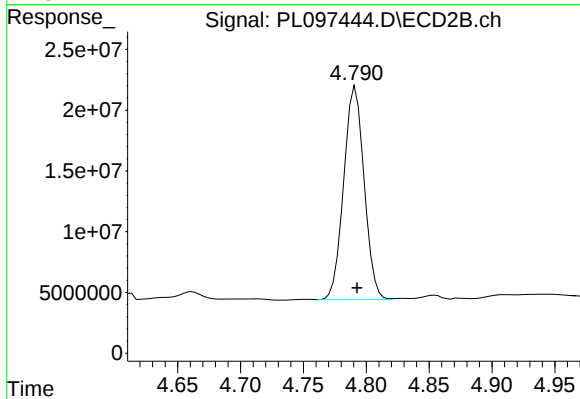
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 195862054
Conc: 21.31 ng/ml



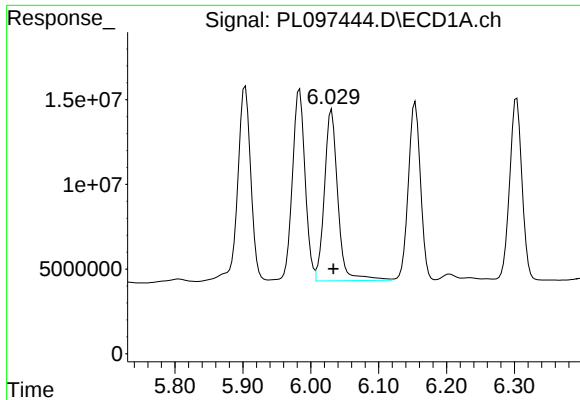
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 142513497
Conc: 24.80 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 198335722
Conc: 25.01 ng/ml



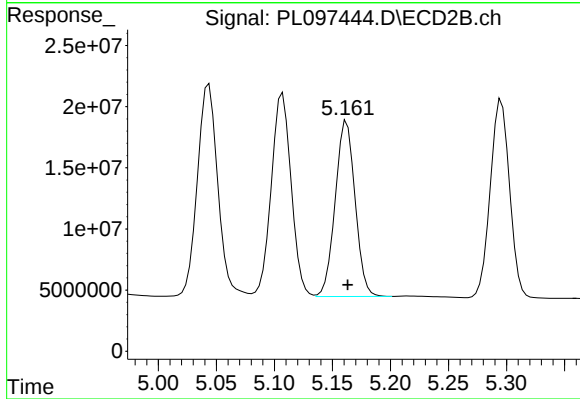
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 139642590
Conc: 26.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

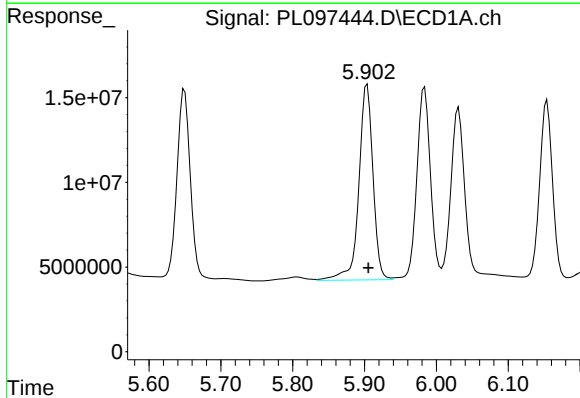
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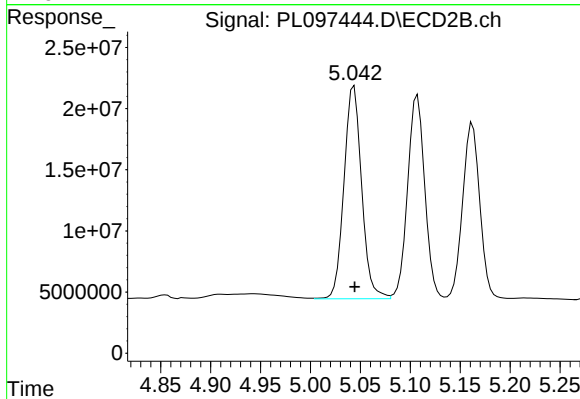
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 171303397
Conc: 22.29 ng/ml



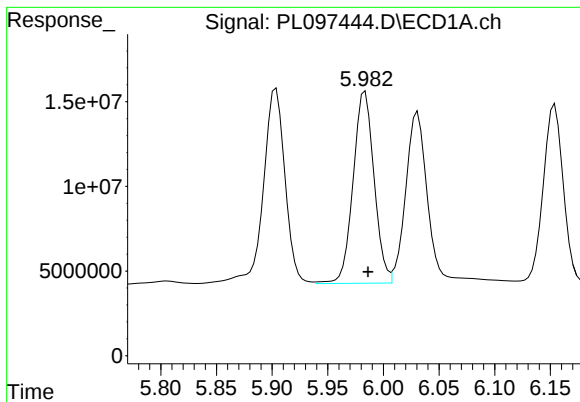
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 157399181
Conc: 27.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 214347837
Conc: 24.54 ng/ml



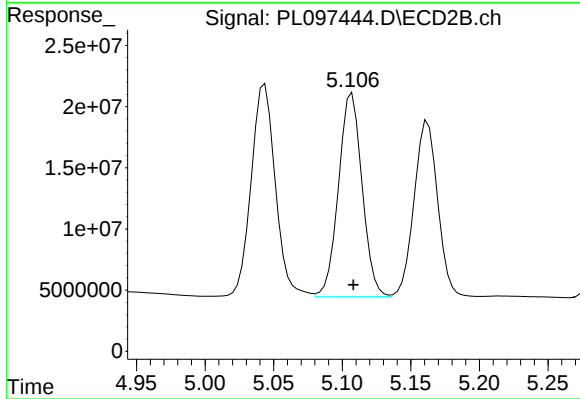
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.003 min
Response: 148587463
Conc: 26.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

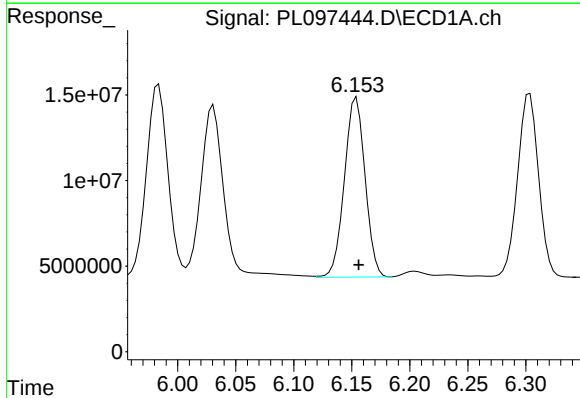
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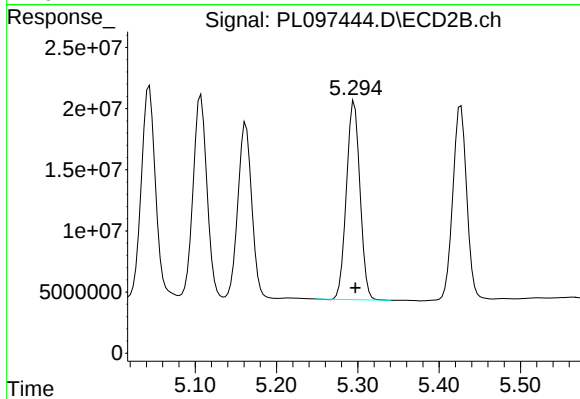
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 199026874
Conc: 23.98 ng/ml



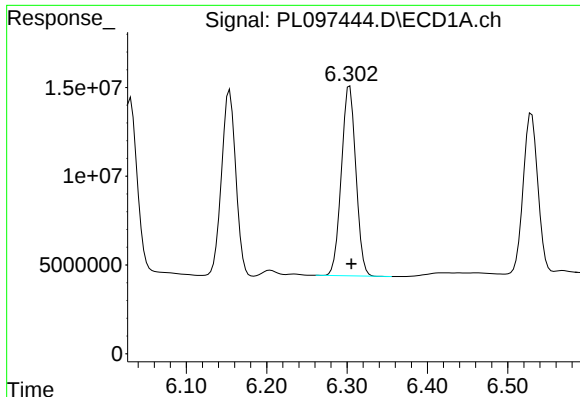
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 130148393
Conc: 27.32 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 187324120
Conc: 24.38 ng/ml



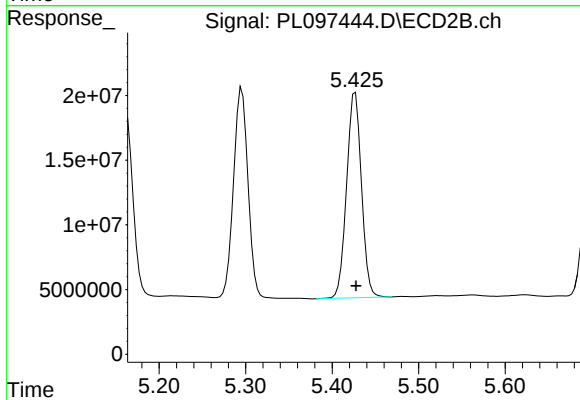
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 134032738
Conc: 24.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

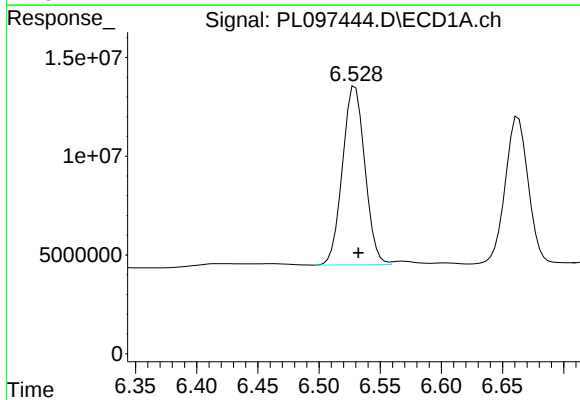
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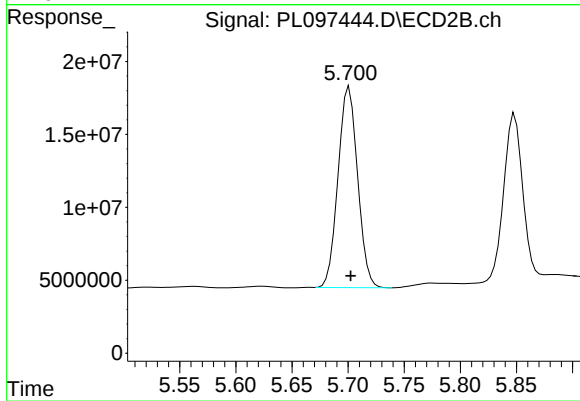
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 189122076
Conc: 23.13 ng/ml



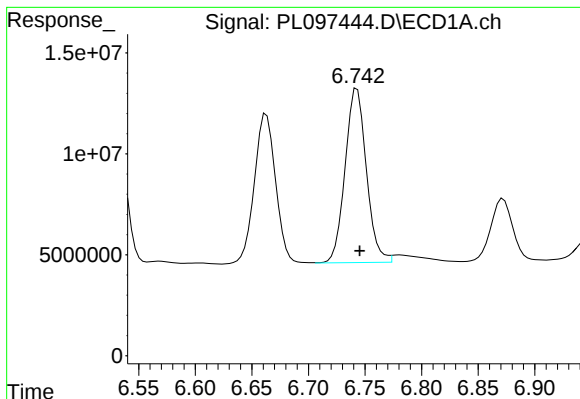
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.003 min
Response: 115028771
Conc: 24.94 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 167245681
Conc: 22.27 ng/ml



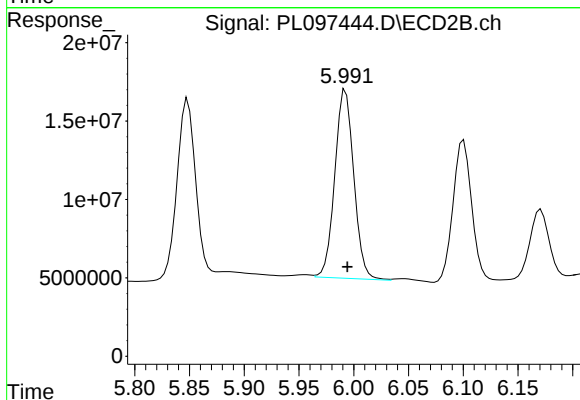
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 113090028
Conc: 22.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

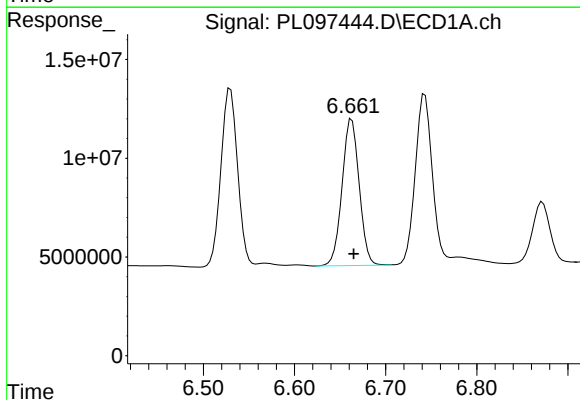
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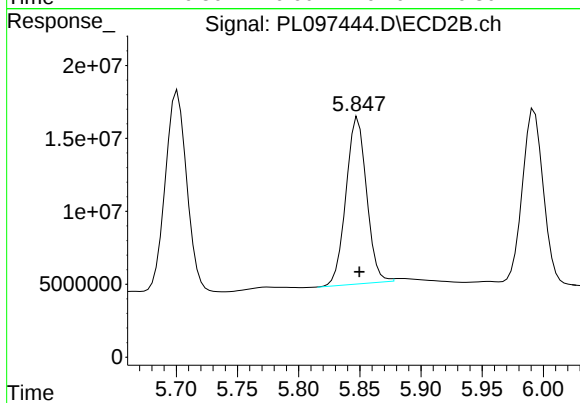
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 145185786
Conc: 20.42 ng/ml



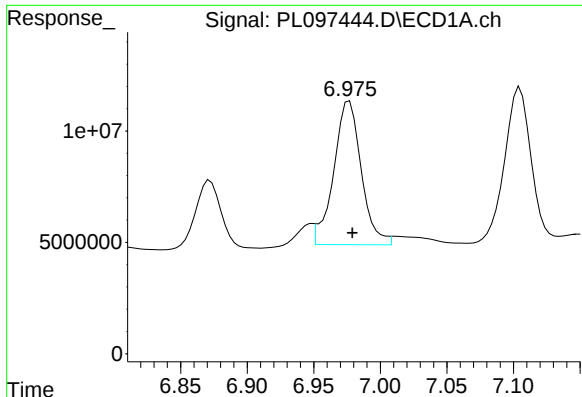
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 96970196
Conc: 25.72 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 133430874
Conc: 20.69 ng/ml



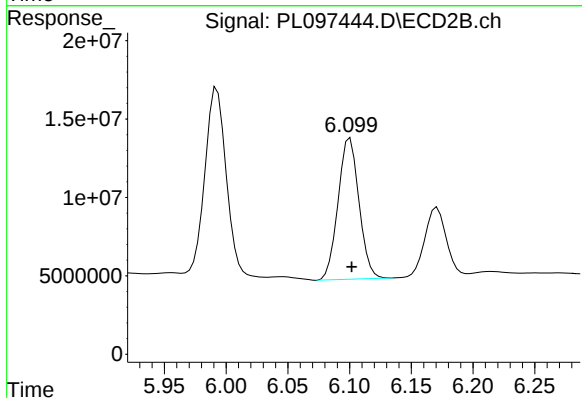
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 92748896
Conc: 21.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

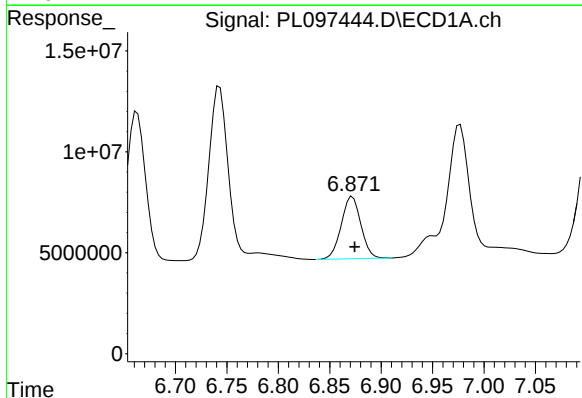
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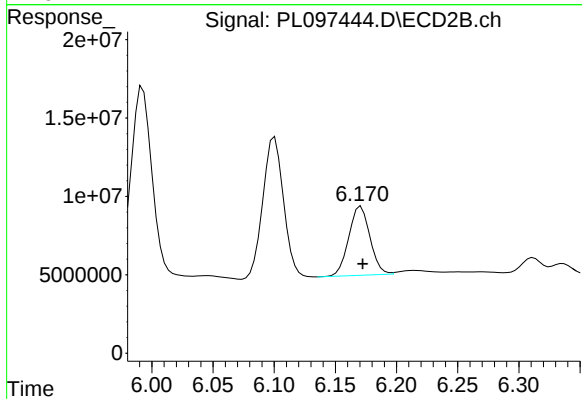
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 106163728
Conc: 15.34 ng/ml



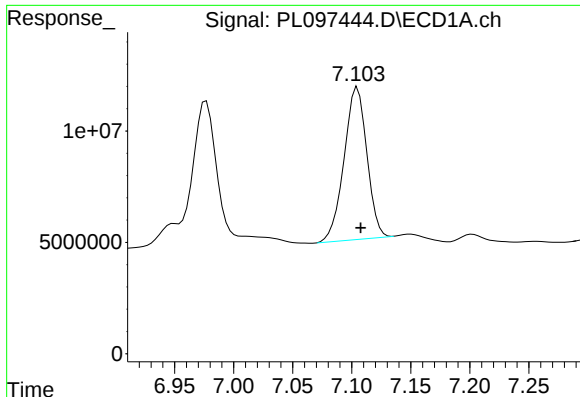
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.002 min
Response: 40902283
Conc: 13.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 52857582
Conc: 9.90 ng/ml



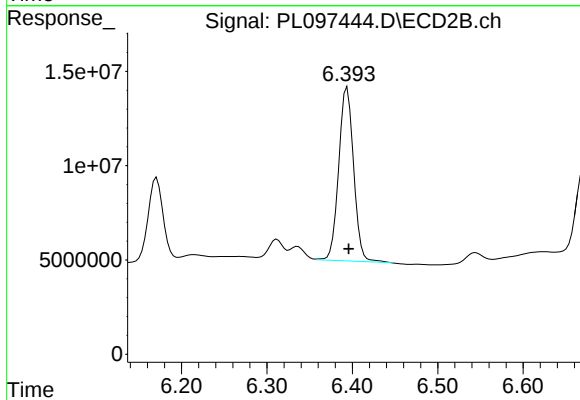
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 91828185
Conc: 22.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

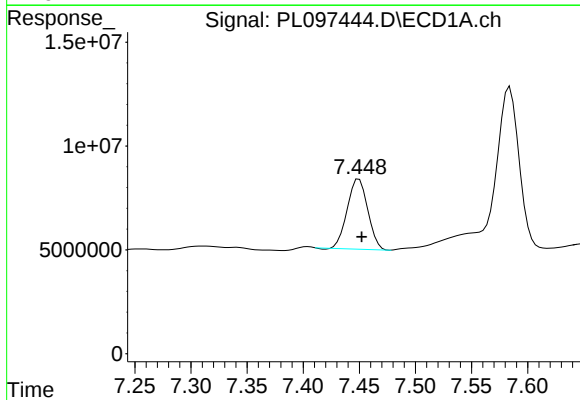
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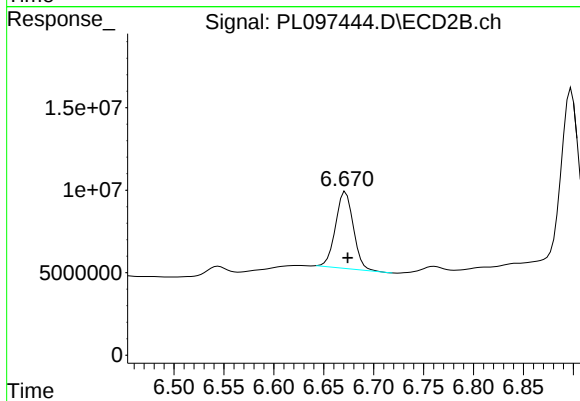
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 111428985
Conc: 16.27 ng/ml



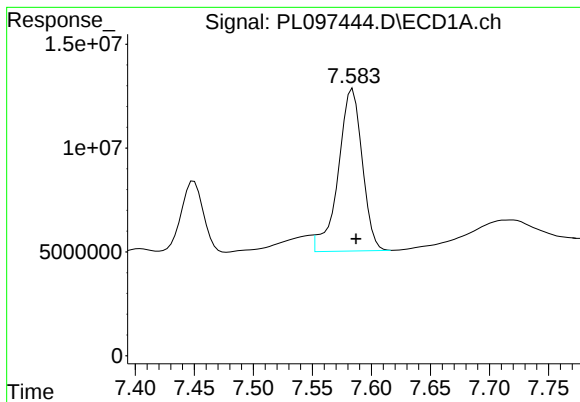
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 42900344
Conc: 20.57 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 57322985
Conc: 15.21 ng/ml



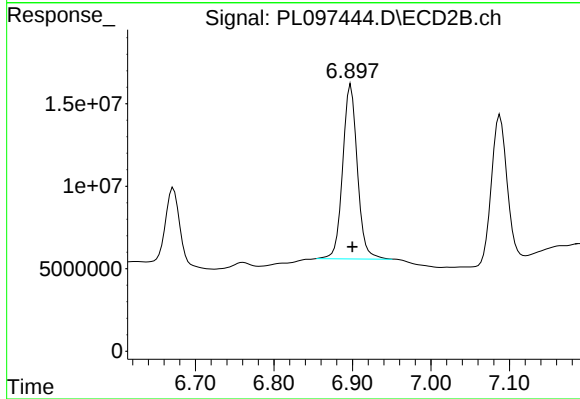
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 109934853
Conc: 25.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

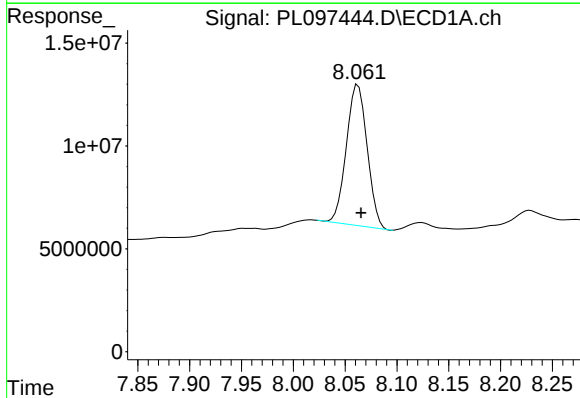
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



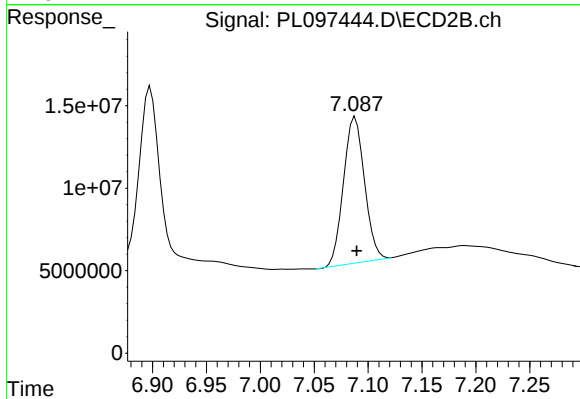
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 137690421
Conc: 18.28 ng/ml m



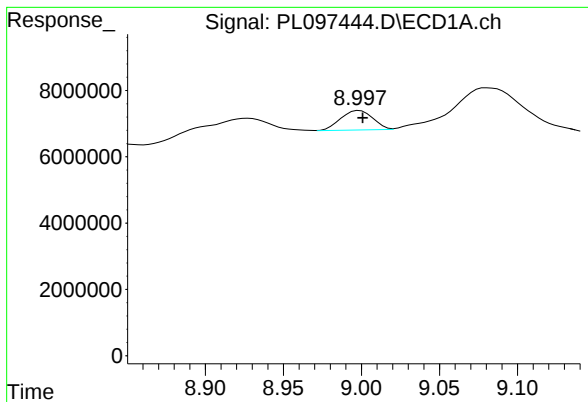
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.003 min
Response: 95792166
Conc: 26.98 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 119834318
Conc: 20.04 ng/ml



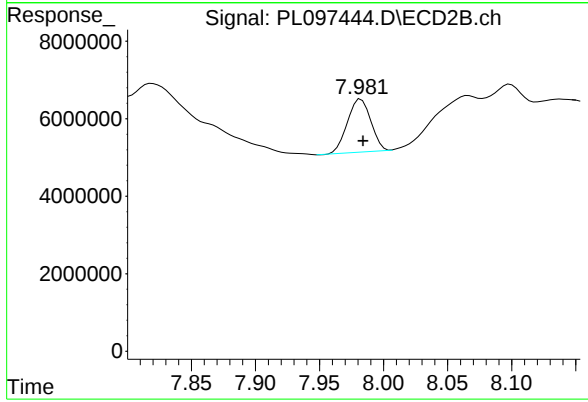
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 8555489
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 17293150
Conc: 3.04 ng/ml