

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
 Data File : PL097516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2025 04:54
 Operator : AR\AJ
 Sample : Q3270-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SG-1-TEST-PITMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/06/2025
 Supervised By : mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 01:21:50 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...	3.524	2.823	63613547	94122928	14.052m	14.314
28)	SA Decachlor...	8.995	7.981	37753014	61225364	11.537	10.757
Target Compounds							
2)	A alpha-BHC	3.972	3.328	250.0E6	355.7E6	35.785	35.724
3)	MA gamma-BHC...	4.300	3.659	234.4E6	328.2E6	35.440	35.237
4)	MA Heptachlor	4.890	4.007	217.9E6	303.4E6	32.672	32.602
5)	MB Aldrin	5.229	4.289	222.5E6	307.5E6	35.123	35.424
6)	B beta-BHC	4.487	3.955	99317686	139.3E6	36.431	34.286
7)	B delta-BHC	4.731	4.188	224.0E6	321.2E6	36.919m	34.944
8)	B Heptachlo...	5.648	4.790	209.3E6	284.6E6	36.423	35.880
9)	A Endosulfan I	6.030	5.161	189.9E6	267.6E6	36.649	34.822
10)	B gamma-Chl...	5.902	5.042	209.5E6	309.1E6	37.061	35.396
11)	B alpha-Chl...	5.982	5.106	205.8E6	296.0E6	36.232	35.662
12)	B 4,4'-DDE	6.153	5.295	180.5E6	273.0E6	37.891	35.519
13)	MA Dieldrin	6.302	5.425	200.8E6	290.3E6	36.631	35.501
14)	MA Endrin	6.529	5.700	157.4E6	250.0E6	34.121	33.286
15)	B Endosulfa...	6.742	5.992	172.9E6	251.9E6	35.146	35.435
16)	A 4,4'-DDD	6.662	5.847	161.2E6	240.9E6	42.746	37.353
17)	MA 4,4'-DDT	6.976	6.099	127.9E6	191.9E6	30.268	27.722
18)	B Endrin al...	6.871	6.170	126.8E6	184.8E6	41.131	34.619
19)	B Endosulfa...	7.105	6.393	157.7E6	241.1E6	38.617	35.196
20)	A Methoxychlor	7.449	6.671	62969372	105.8E6	30.196	28.071
21)	B Endrin ke...	7.583	6.897	172.7E6	271.1E6	40.681	36.007
22)	Mirex	8.062	7.086	130.4E6	209.8E6	36.729	35.085

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
Data File : PL097516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2025 04:54
Operator : AR\AJ
Sample : Q3270-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

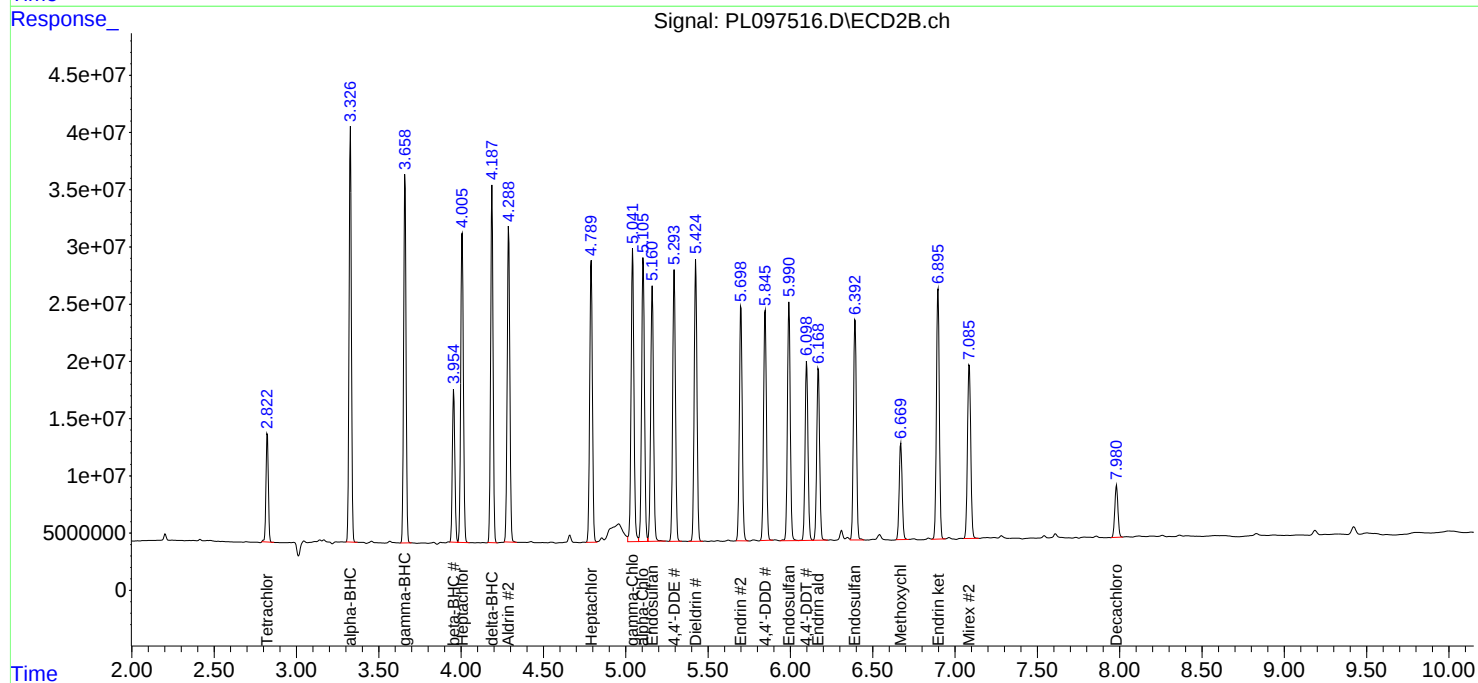
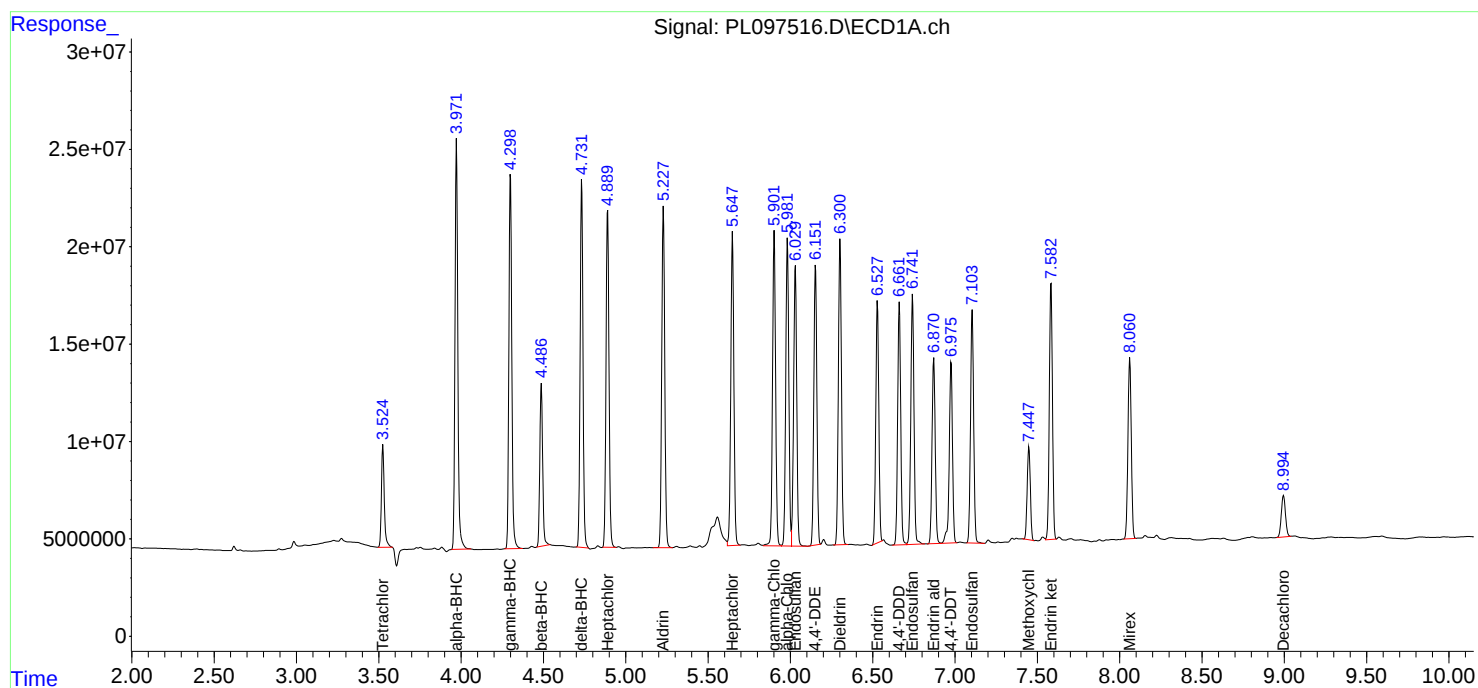
Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

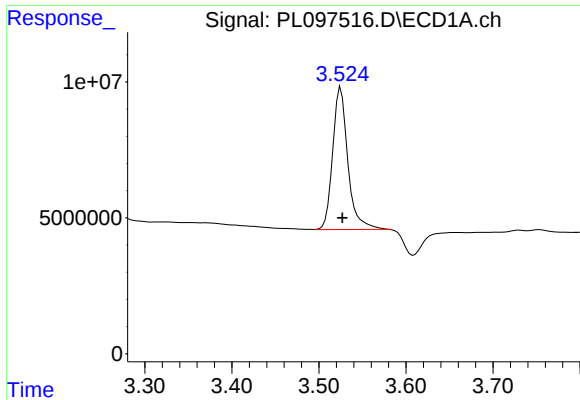
Manual Integrations
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Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 06 01:21:50 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
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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





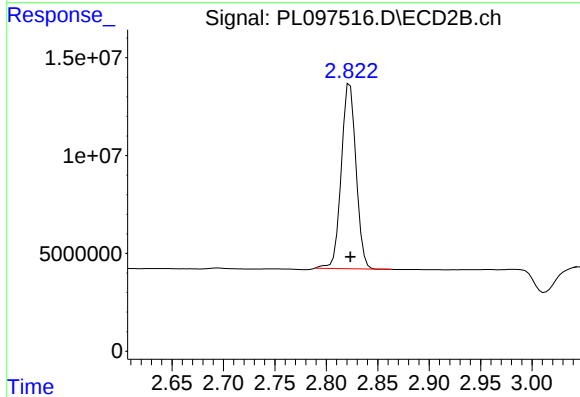
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 63613547
Conc: 14.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

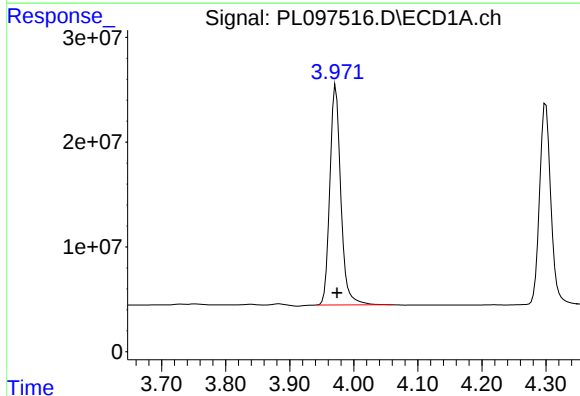
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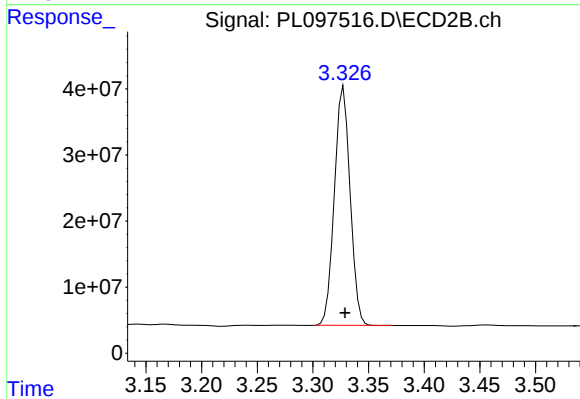
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 94122928
Conc: 14.31 ng/ml



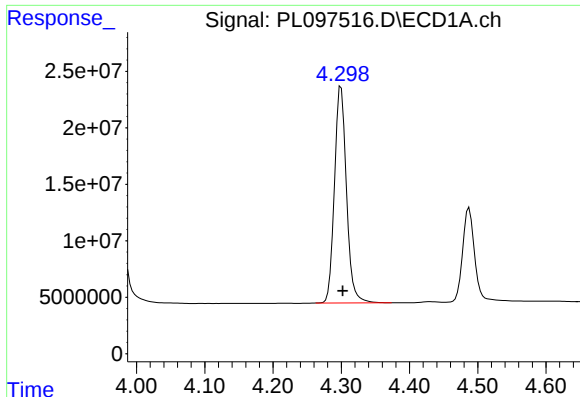
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 250046753
Conc: 35.79 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 355725124
Conc: 35.72 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 234371011
Conc: 35.44 ng/ml

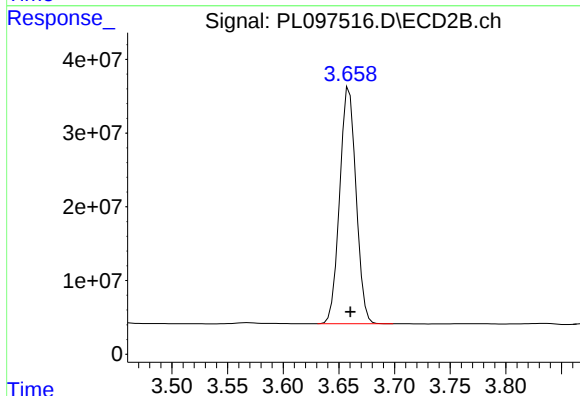
Instrument :

ECD_L

ClientSampleId :
SG-1-TEST-PITMS

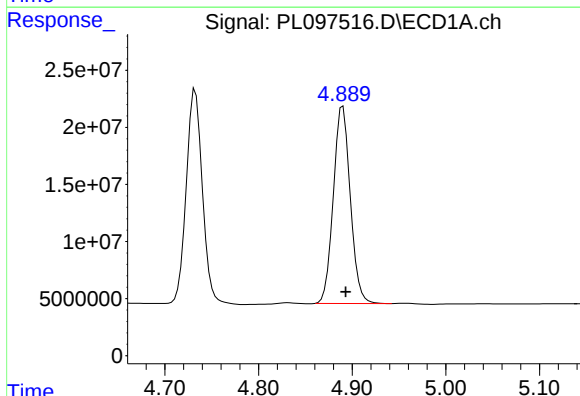
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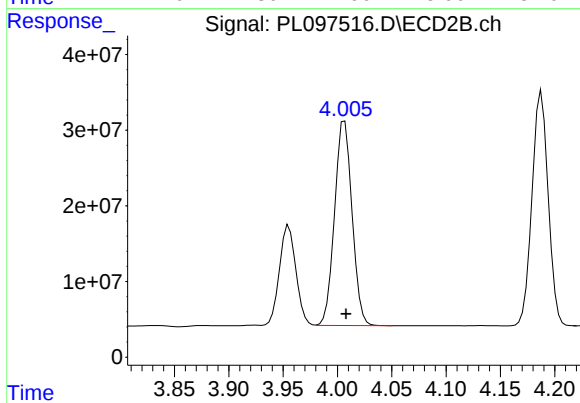
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 328223971
Conc: 35.24 ng/ml



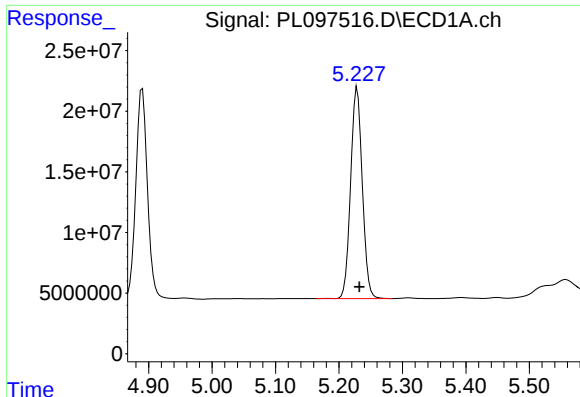
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 217928374
Conc: 32.67 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 303368174
Conc: 32.60 ng/ml



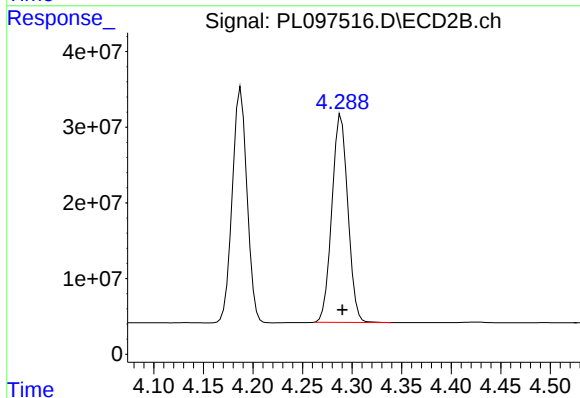
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 222464663
Conc: 35.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

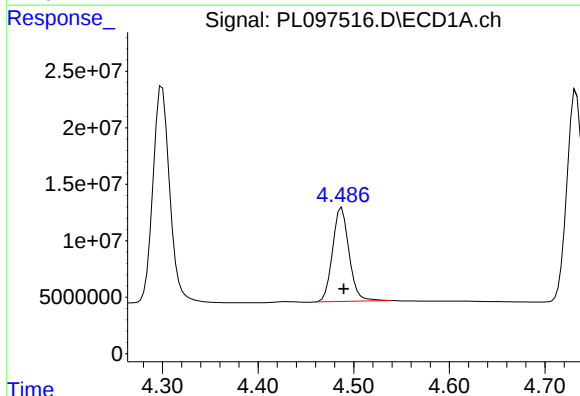
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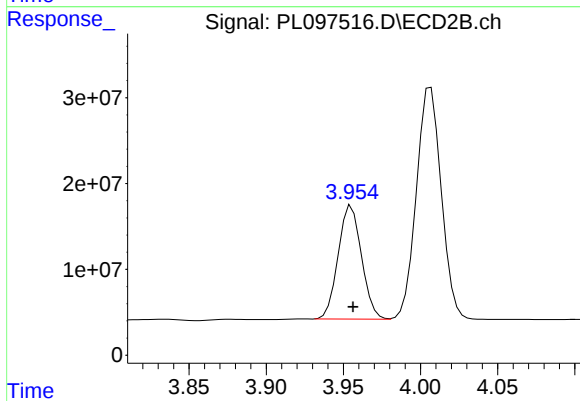
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 307458782
Conc: 35.42 ng/ml



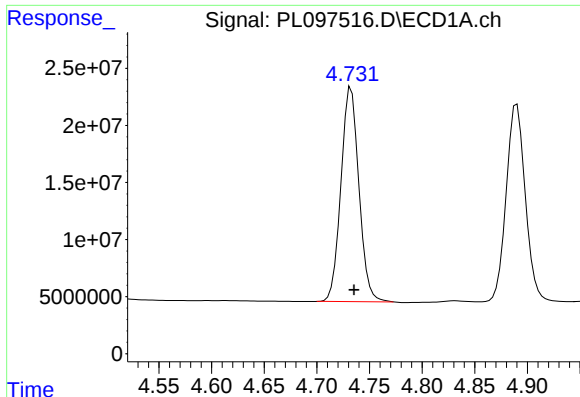
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 99317686
Conc: 36.43 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 139272215
Conc: 34.29 ng/ml



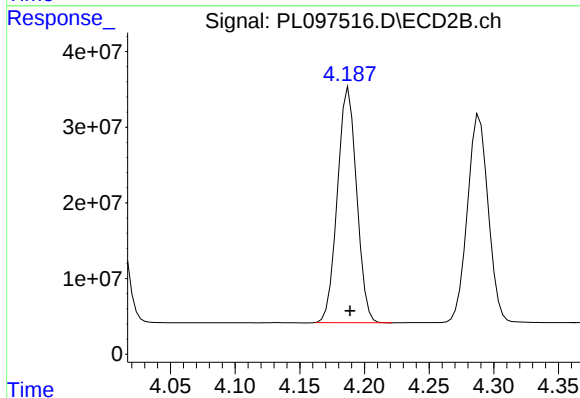
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 224035828
Conc: 36.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

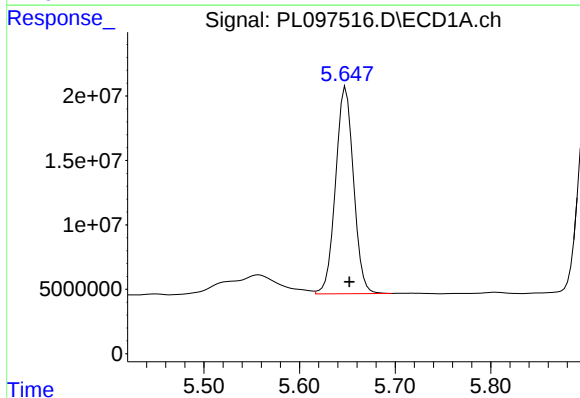
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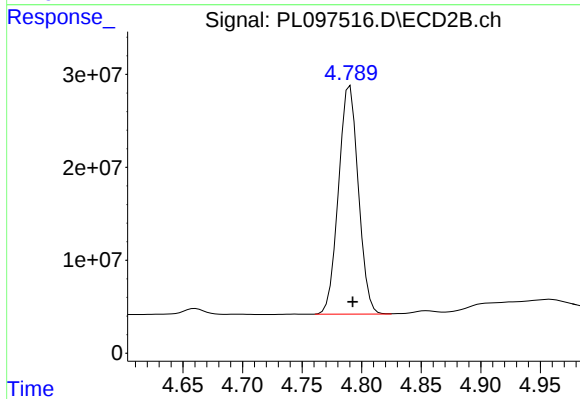
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 321213198
Conc: 34.94 ng/ml



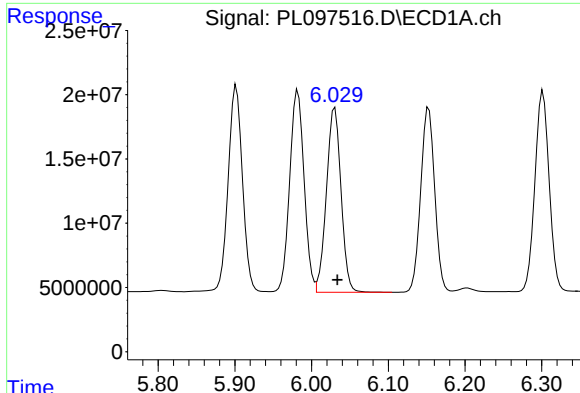
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 209320898
Conc: 36.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 284581334
Conc: 35.88 ng/ml



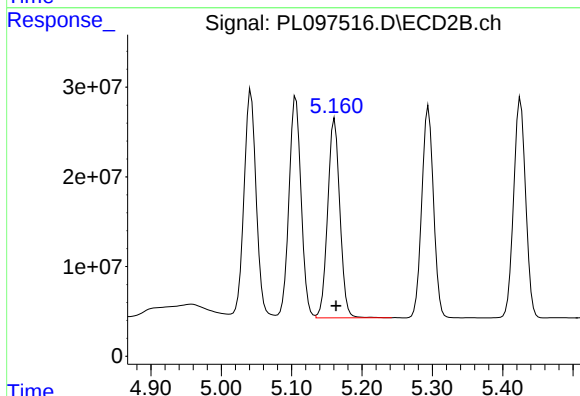
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 189890560
Conc: 36.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

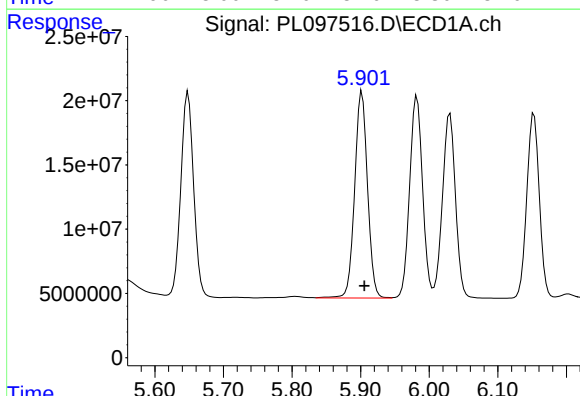
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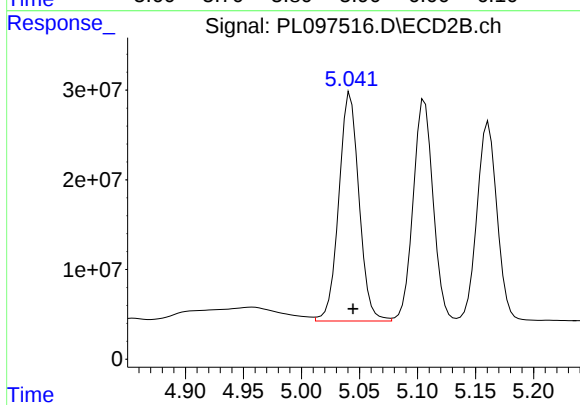
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 267562167
Conc: 34.82 ng/ml



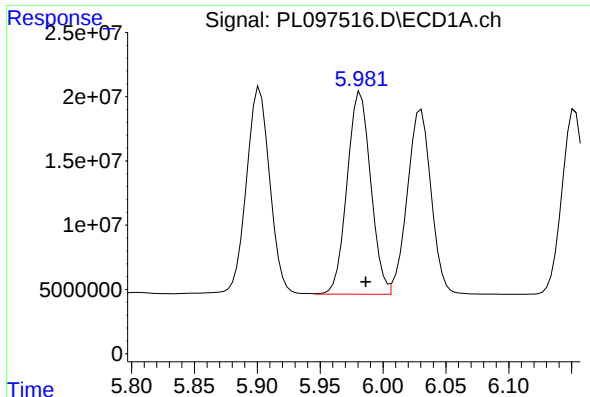
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 209526605
Conc: 37.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 309144984
Conc: 35.40 ng/ml



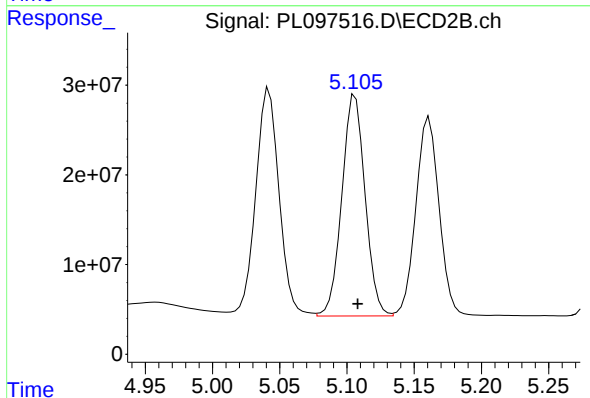
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.004 min
Response: 205792651
Conc: 36.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

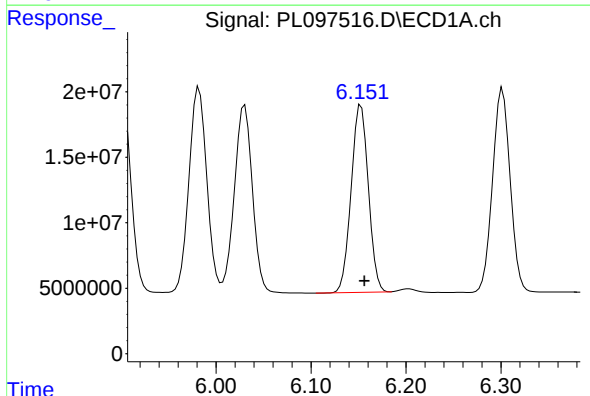
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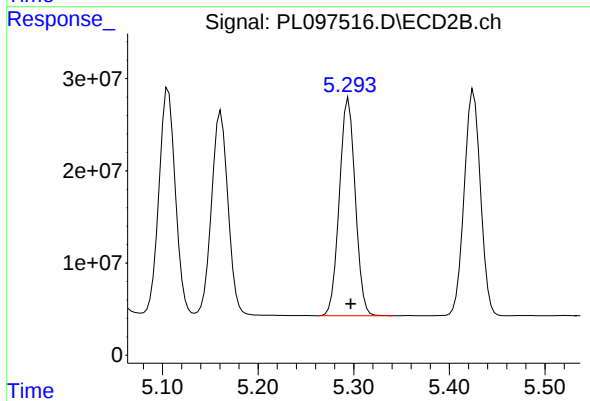
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 296011287
Conc: 35.66 ng/ml



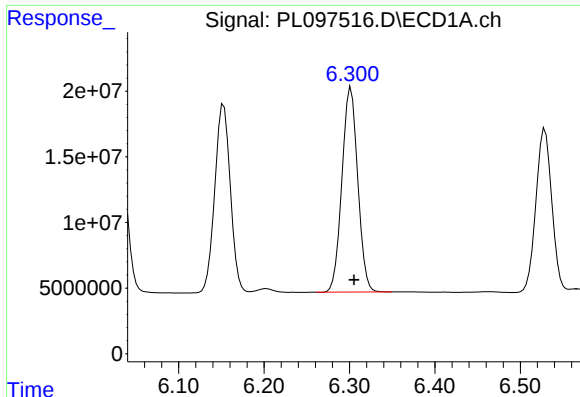
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 180539616
Conc: 37.89 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 272950260
Conc: 35.52 ng/ml



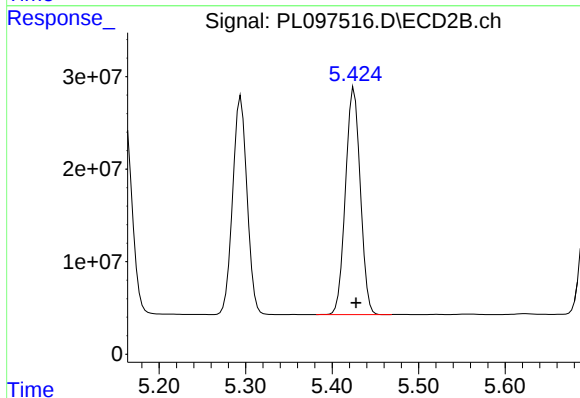
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 200815102
Conc: 36.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

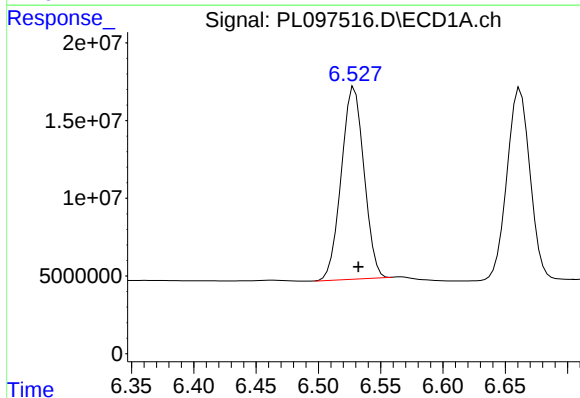
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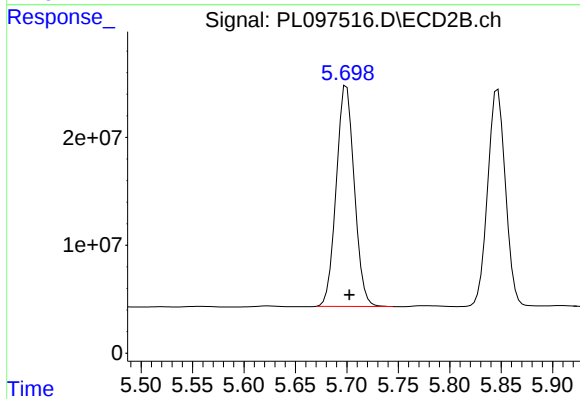
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 290285738
Conc: 35.50 ng/ml



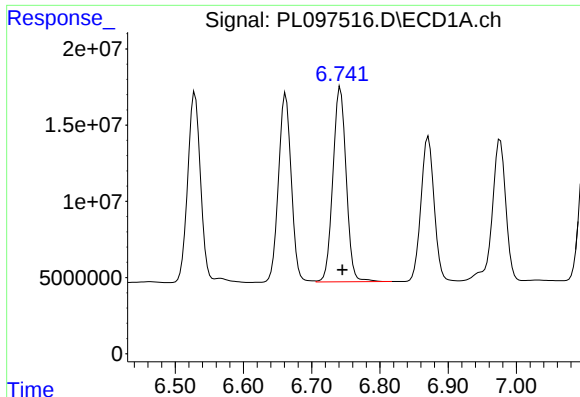
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 157406672
Conc: 34.12 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 249991597
Conc: 33.29 ng/ml



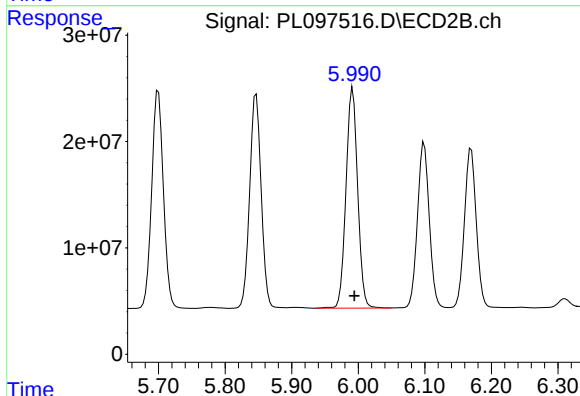
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 172859132
Conc: 35.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
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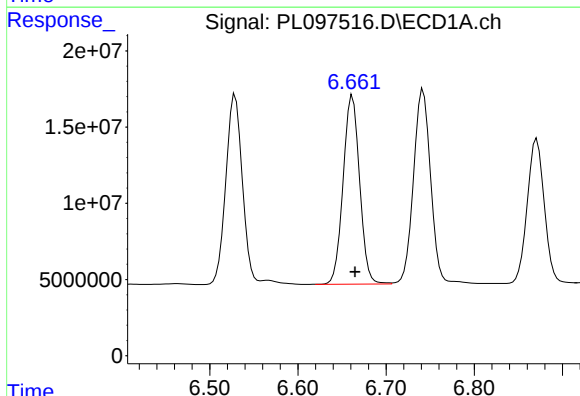
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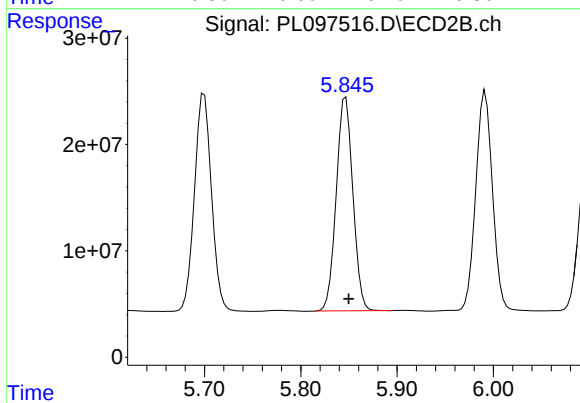
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 251917634
Conc: 35.44 ng/ml



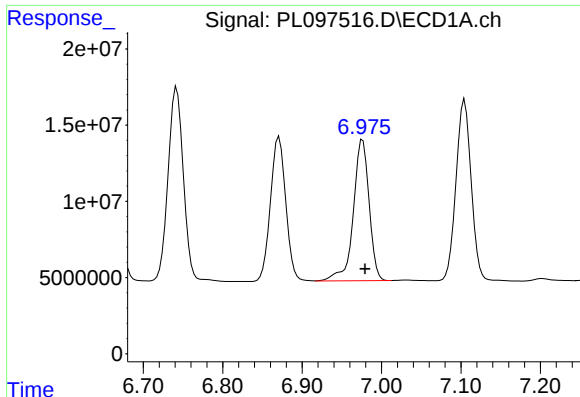
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 161176829
Conc: 42.75 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 240892947
Conc: 37.35 ng/ml



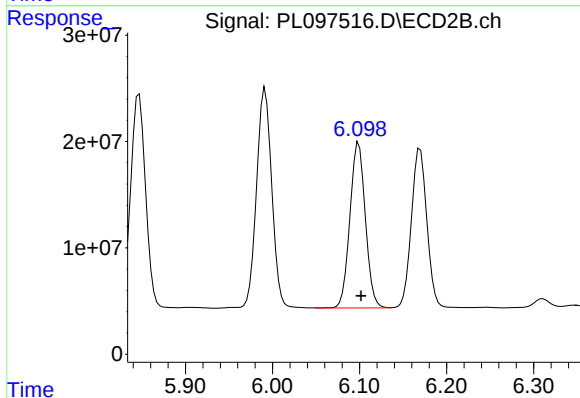
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 127949096
Conc: 30.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

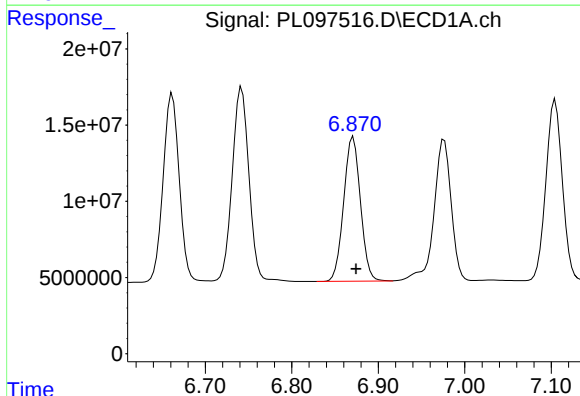
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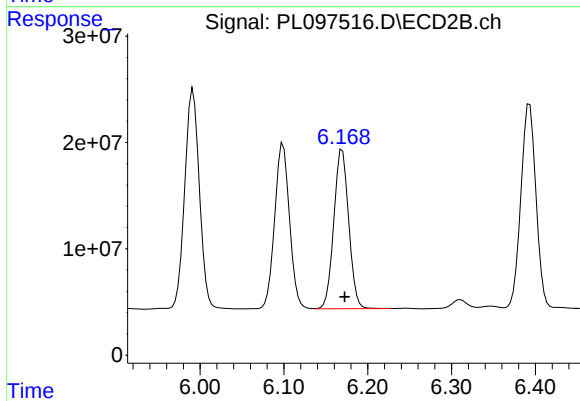
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 191852975
Conc: 27.72 ng/ml



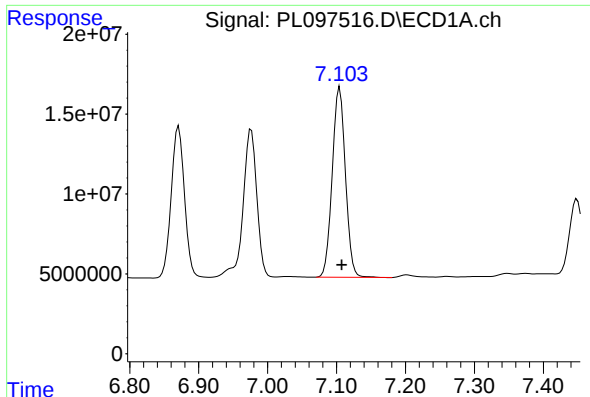
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 126800442
Conc: 41.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 184775909
Conc: 34.62 ng/ml



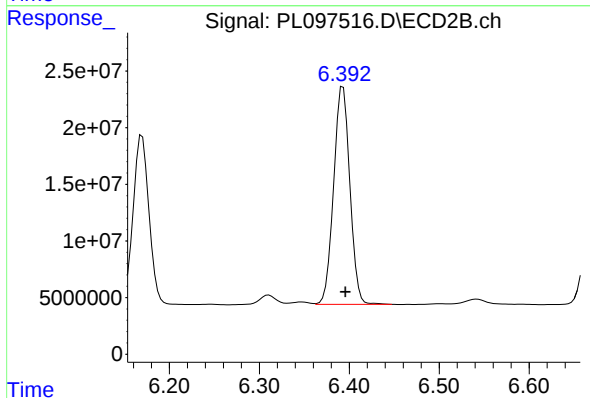
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 157662285
Conc: 38.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
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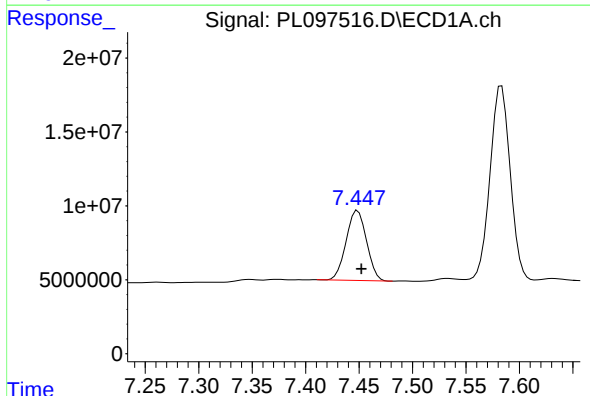
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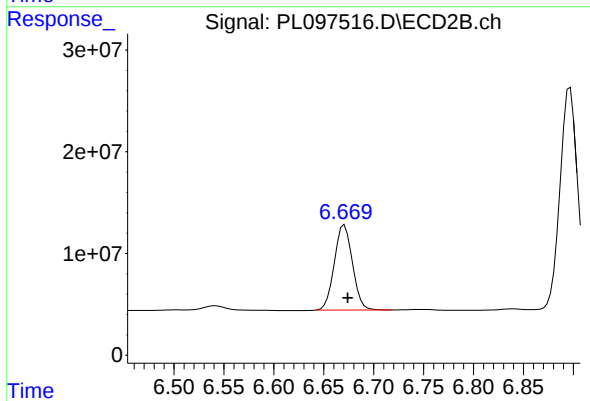
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 241086218
Conc: 35.20 ng/ml



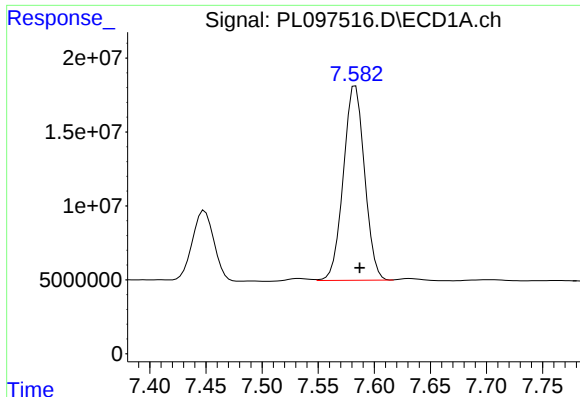
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 62969372
Conc: 30.20 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 105811153
Conc: 28.07 ng/ml



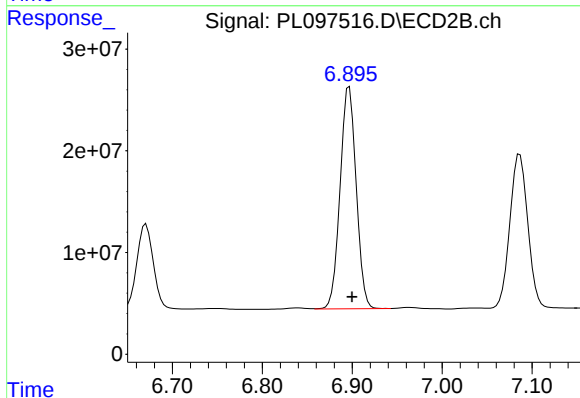
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 172664326
Conc: 40.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

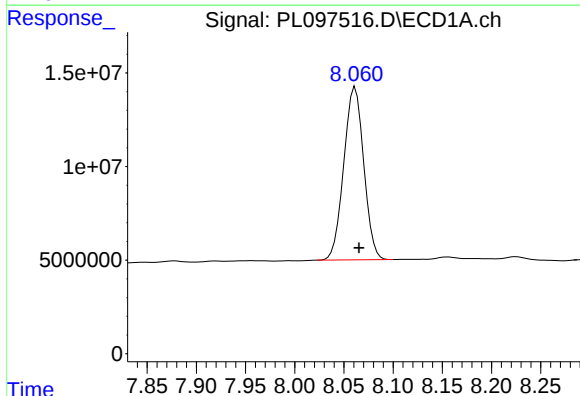
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



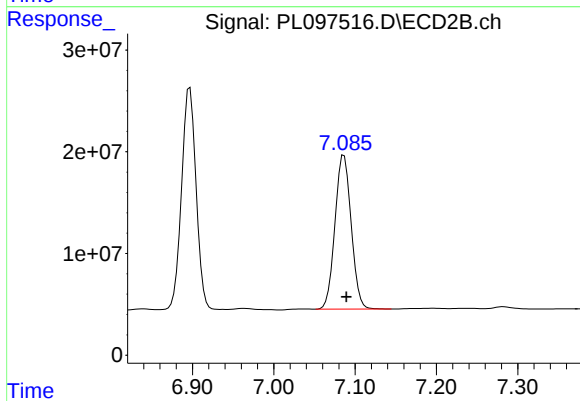
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 271142923
Conc: 36.01 ng/ml



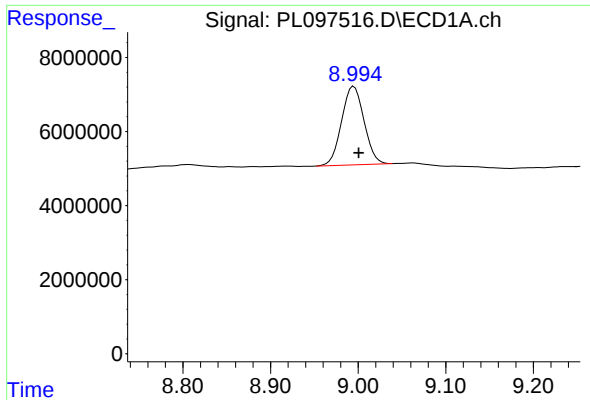
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 130400109
Conc: 36.73 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 209765795
Conc: 35.09 ng/ml



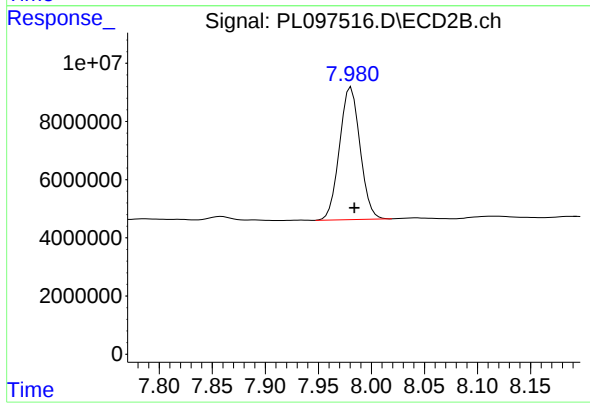
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: -0.006 min
Response: 37753014
Conc: 11.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SG-1-TEST-PITMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 61225364
Conc: 10.76 ng/ml