

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 15:15
 Operator : AR\AJ
 Sample : PB169632BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169632BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/11/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:10:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.820	81735321	119.5E6	20.725	21.202
28)	SA Decachlor...	9.001	7.982	66371169	121.9E6	22.418	25.408
Target Compounds							
2)	A alpha-BHC	3.972	3.325	276.4E6	403.9E6	47.697	49.185
3)	MA gamma-BHC...	4.301	3.657	256.0E6	373.7E6	46.879	50.729
4)	MA Heptachlor	4.892	4.005	260.9E6	373.2E6	48.921	49.600
5)	MB Aldrin	5.231	4.288	246.2E6	349.8E6	46.872	49.737
6)	B beta-BHC	4.488	3.953	102.5E6	157.0E6	44.821	48.118
7)	B delta-BHC	4.733	4.186	230.1E6	363.8E6	51.138	49.509
8)	B Heptachlo...	5.651	4.790	223.8E6	314.1E6	43.497	49.664
9)	A Endosulfan I	6.033	5.161	202.8E6	300.7E6	47.209	50.184
10)	B gamma-Chl...	5.903	5.042	217.9E6	335.7E6	47.311m	50.779
11)	B alpha-Chl...	5.985	5.105	217.2E6	329.8E6	46.147	50.508
12)	B 4,4'-DDE	6.156	5.294	185.1E6	316.9E6	46.402	51.488
13)	MA Dieldrin	6.305	5.425	213.5E6	337.0E6	47.020	51.427
14)	MA Endrin	6.532	5.700	181.7E6	304.0E6	48.532	51.470
15)	B Endosulfa...	6.745	5.992	187.0E6	286.0E6	42.456	50.014
16)	A 4,4'-DDD	6.665	5.848	145.5E6	266.3E6	46.110	50.996
17)	MA 4,4'-DDT	6.978	6.100	164.6E6	293.5E6	47.007	53.586
18)	B Endrin al...	6.873	6.170	126.6E6	223.8E6	48.660	54.217
19)	B Endosulfa...	7.107	6.394	158.9E6	279.7E6	46.272	49.921
20)	A Methoxychlor	7.452	6.672	82386859	155.0E6	47.472	51.670
21)	B Endrin ke...	7.587	6.898	169.3E6	312.2E6	47.620	49.881
22)	Mirex	8.065	7.087	138.7E6	245.4E6	46.360	50.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 15:15
Operator : AR\AJ
Sample : PB169632BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

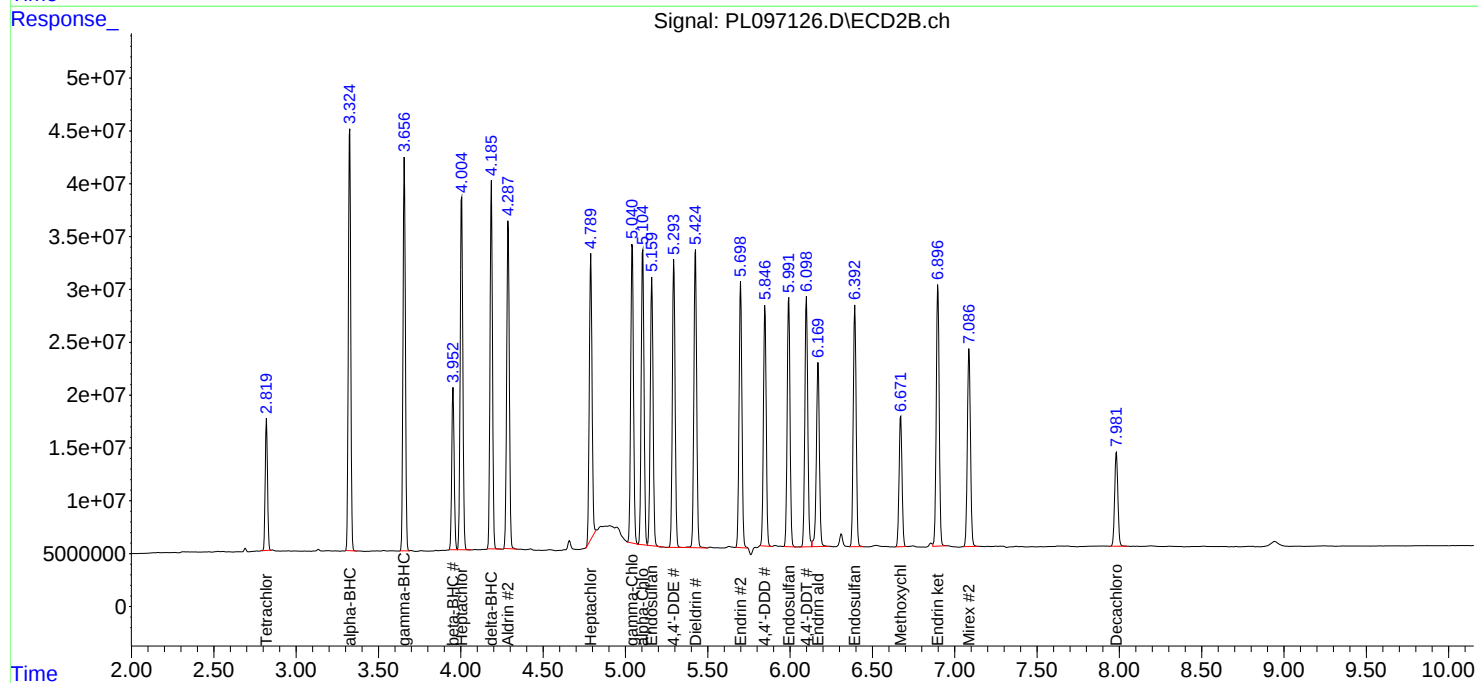
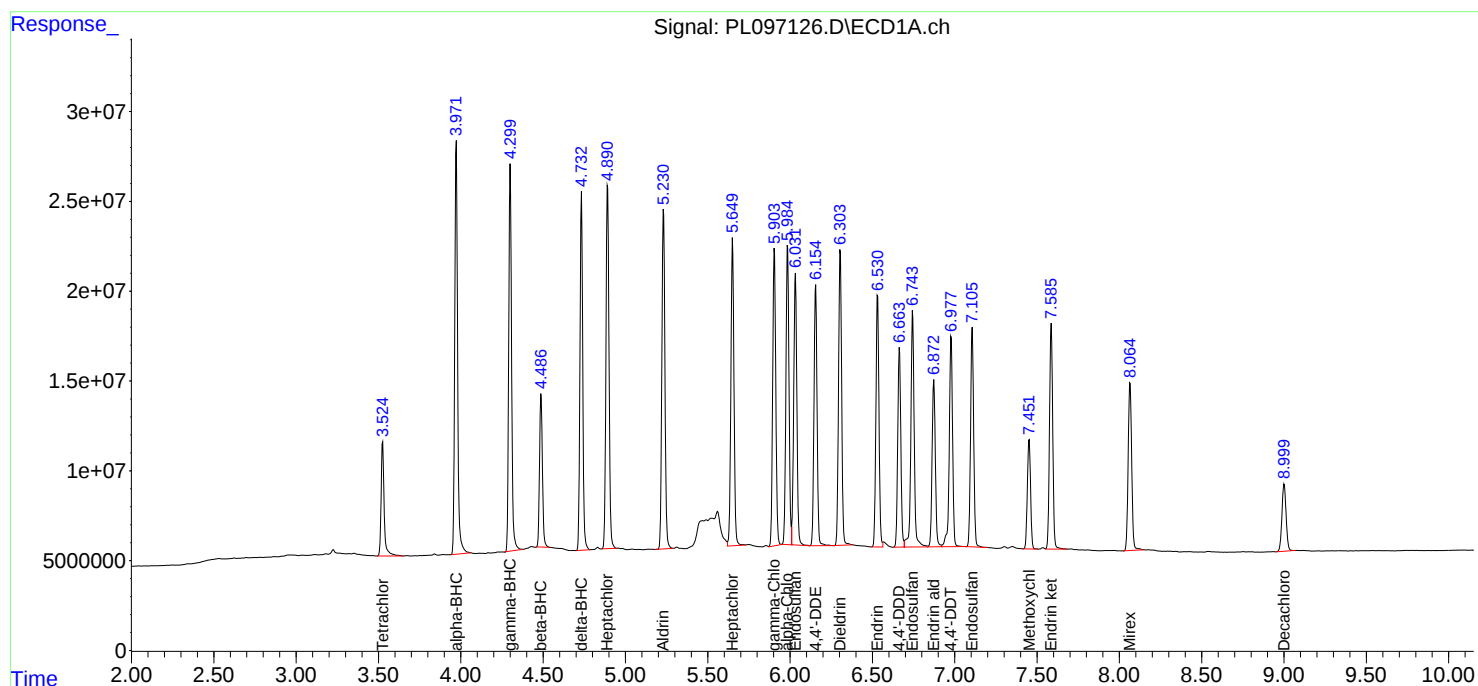
Instrument :
ECD_L
ClientSampleId :
PB169632BS

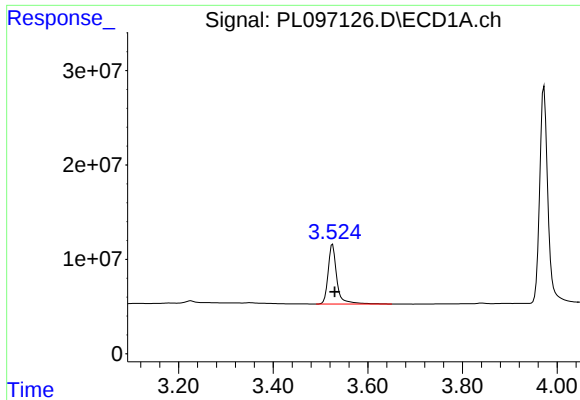
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:10:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





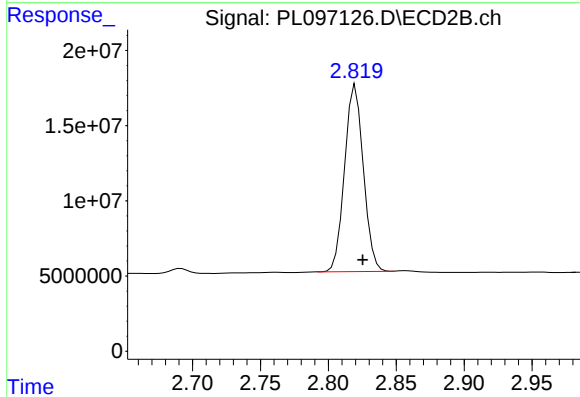
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 81735321
Conc: 20.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

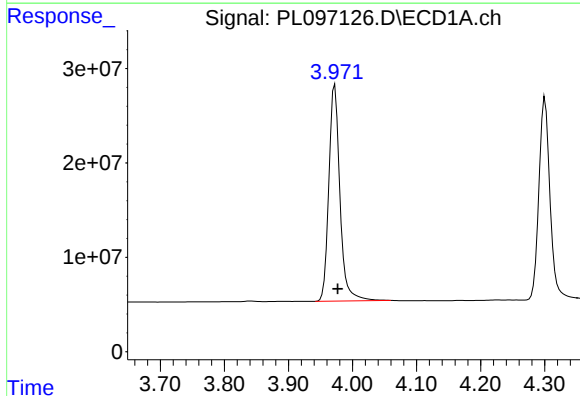
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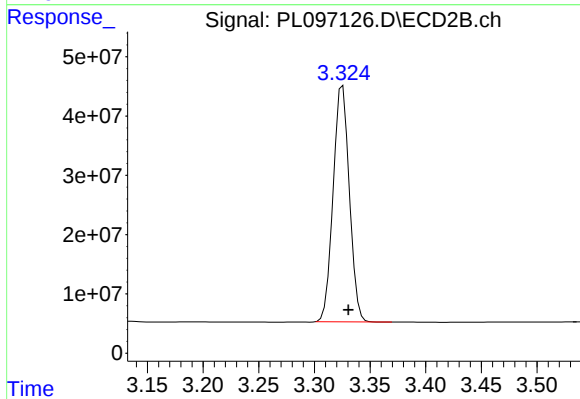
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.005 min
Response: 119506255
Conc: 21.20 ng/ml



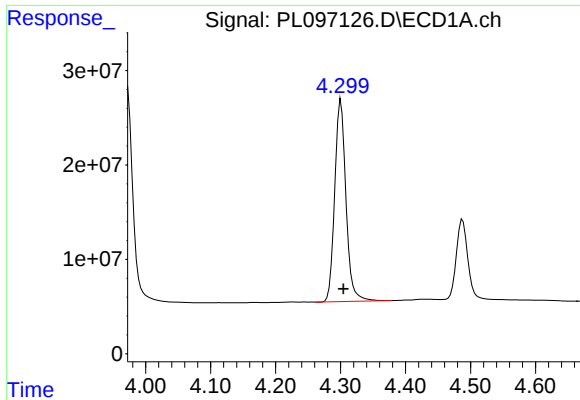
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 276355485
Conc: 47.70 ng/ml



#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 403871364
Conc: 49.18 ng/ml



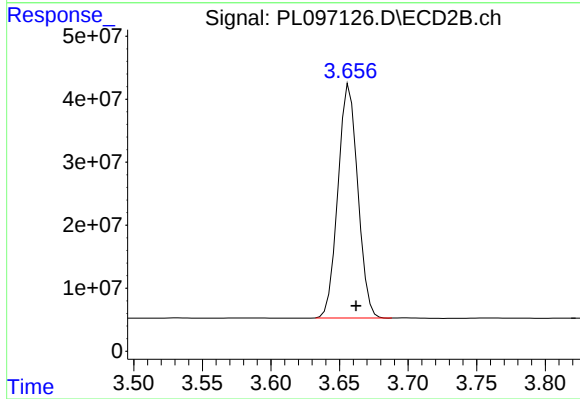
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 256046002
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

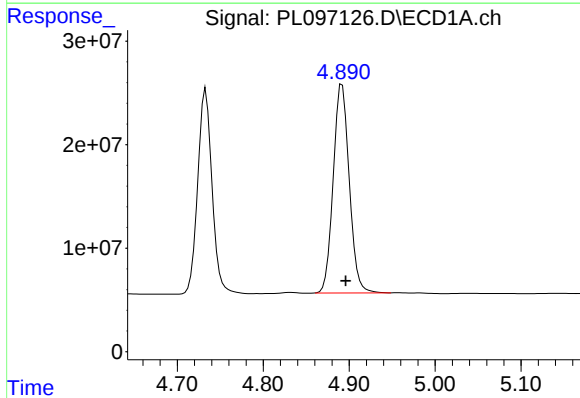
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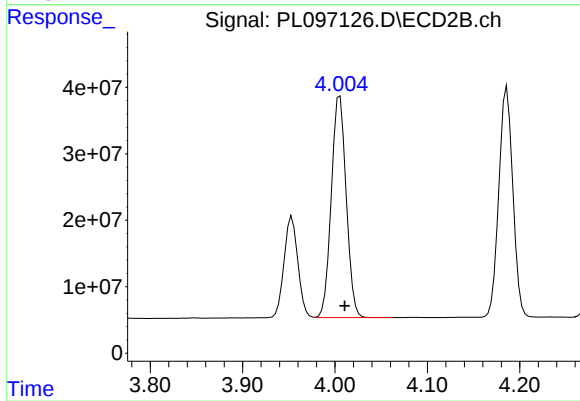
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.005 min
Response: 373697106
Conc: 50.73 ng/ml



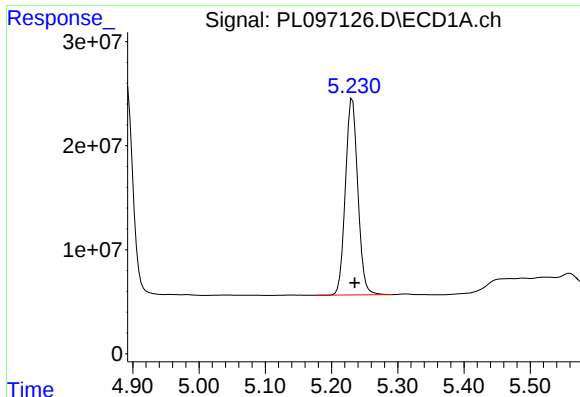
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 260866431
Conc: 48.92 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 373203324
Conc: 49.60 ng/ml



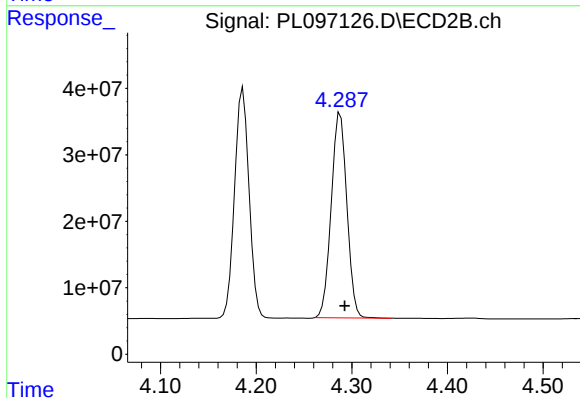
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 246241275
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

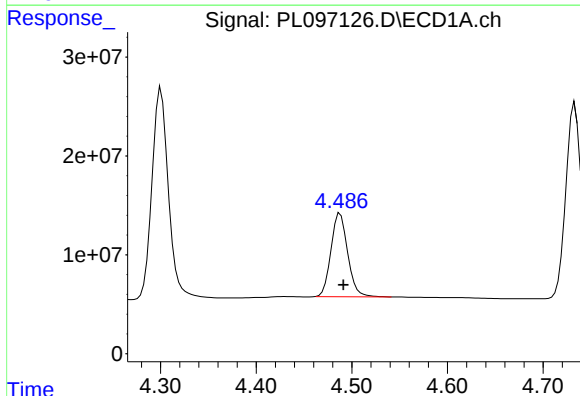
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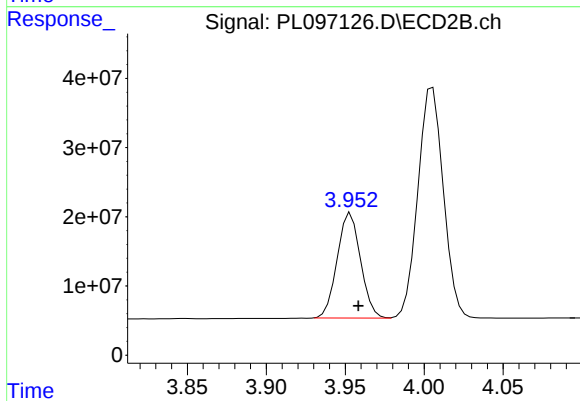
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.005 min
Response: 349791888
Conc: 49.74 ng/ml



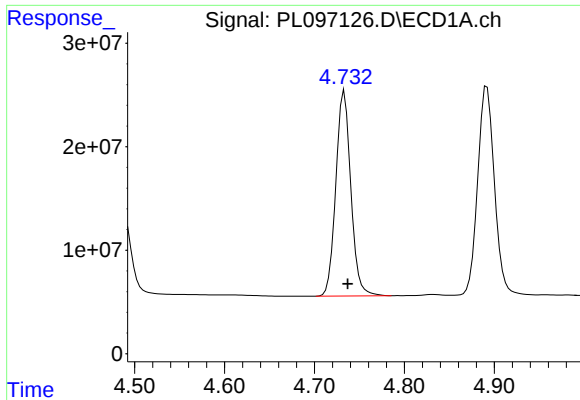
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 102508000
Conc: 44.82 ng/ml



#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: -0.005 min
Response: 156974774
Conc: 48.12 ng/ml



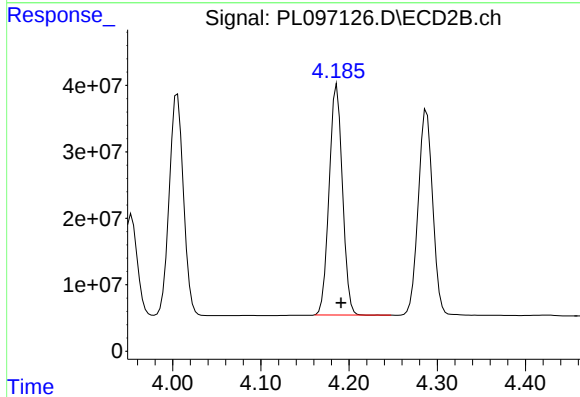
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 230118638
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

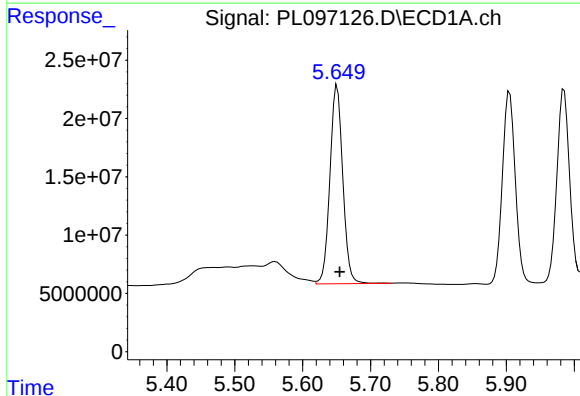
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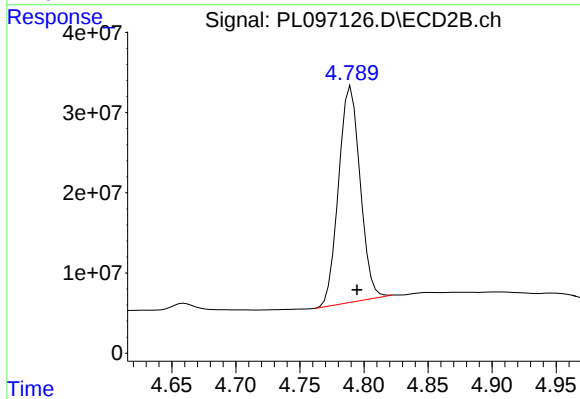
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 363836301
Conc: 49.51 ng/ml



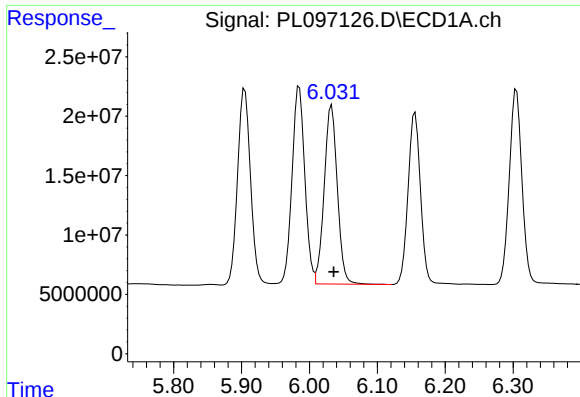
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 223826541
Conc: 43.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.005 min
Response: 314123353
Conc: 49.66 ng/ml



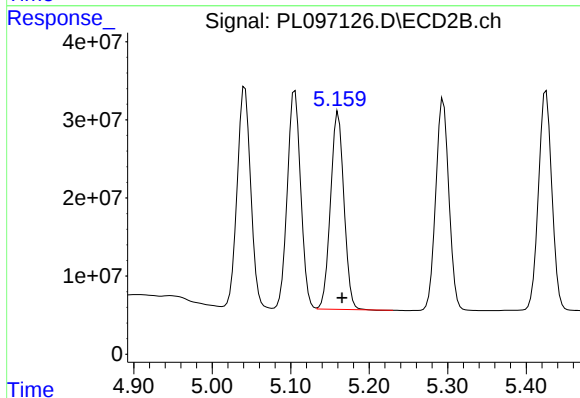
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 202846581
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

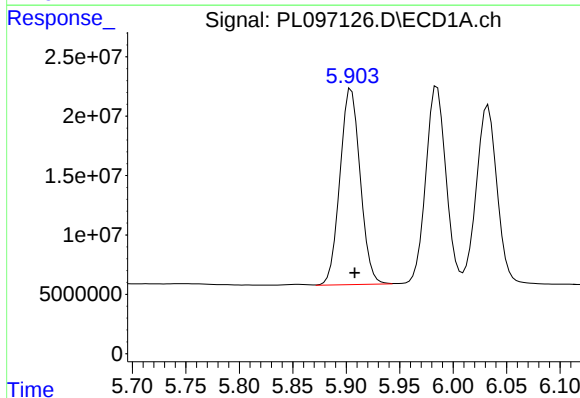
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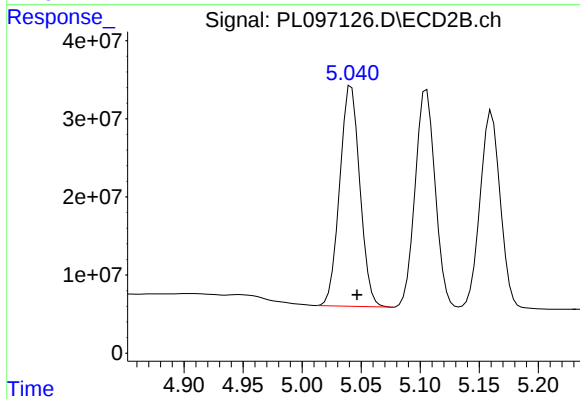
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.005 min
Response: 300668618
Conc: 50.18 ng/ml



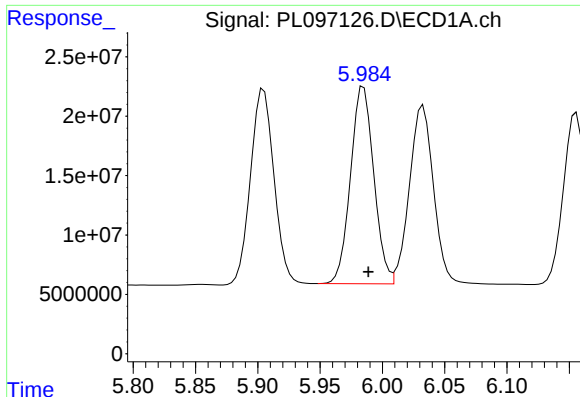
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 217890814
Conc: 47.31 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.005 min
Response: 335705580
Conc: 50.78 ng/ml



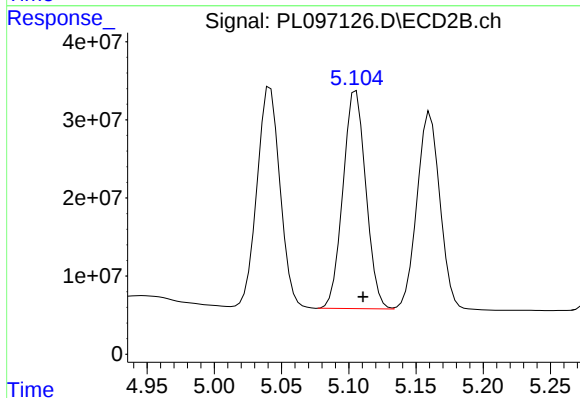
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 217160822
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

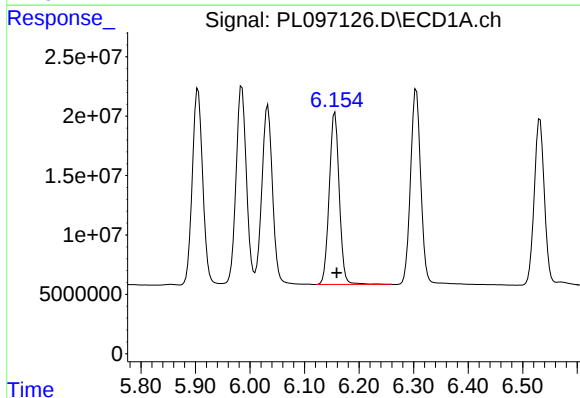
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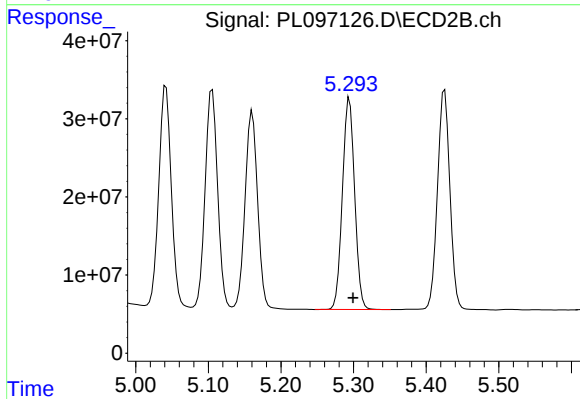
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 329807735
Conc: 50.51 ng/ml



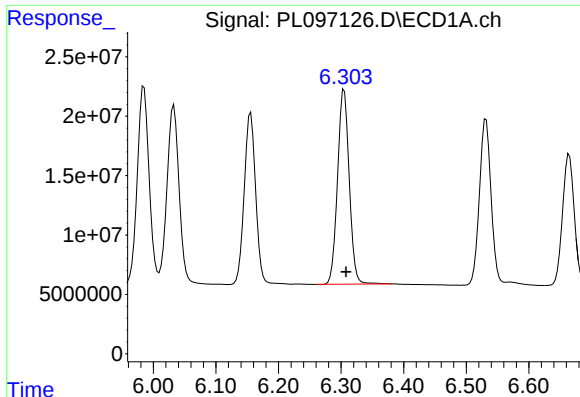
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 185148100
Conc: 46.40 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 316893582
Conc: 51.49 ng/ml



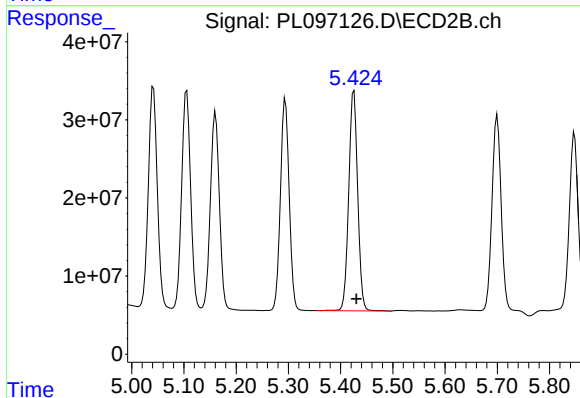
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 213509692
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

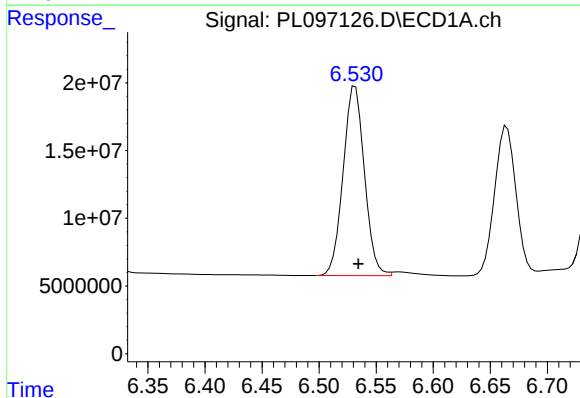
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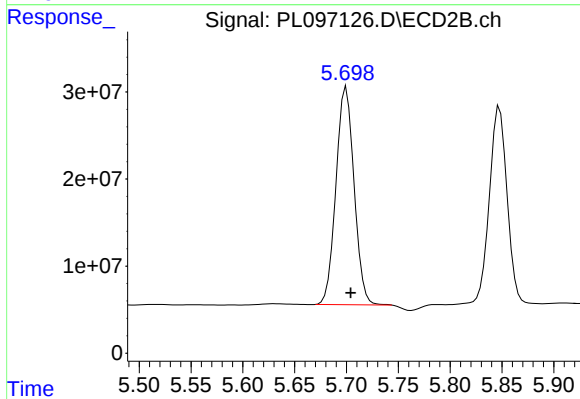
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 337004012
Conc: 51.43 ng/ml



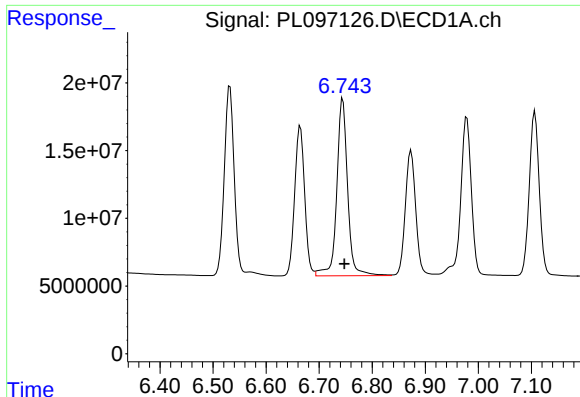
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 181746094
Conc: 48.53 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 304042368
Conc: 51.47 ng/ml



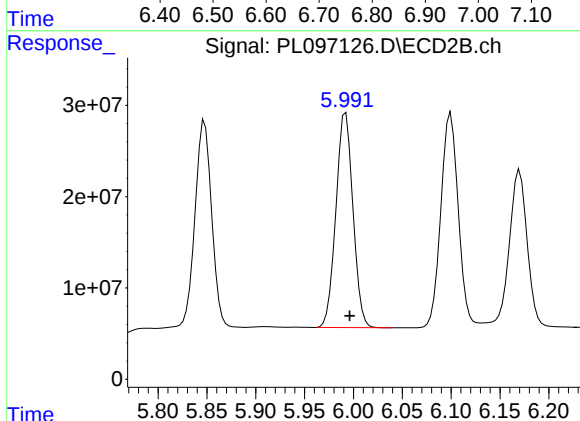
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 187019930
Conc: 42.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

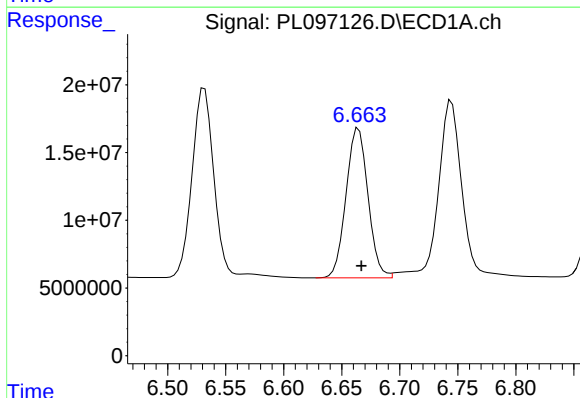
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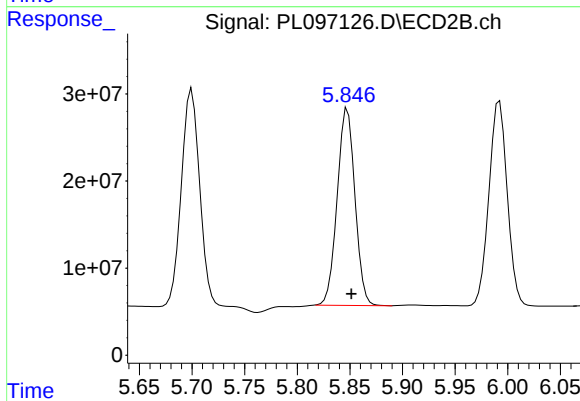
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 286018970
Conc: 50.01 ng/ml



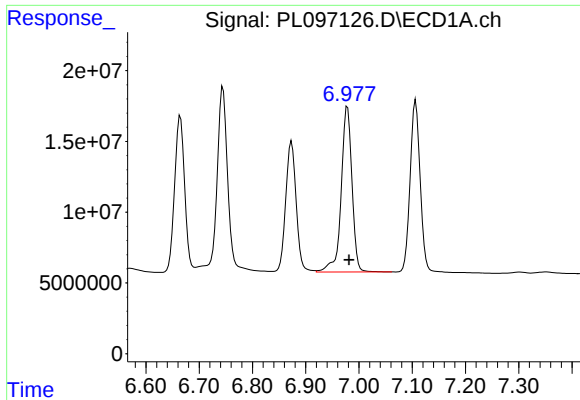
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 145513403
Conc: 46.11 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 266320417
Conc: 51.00 ng/ml



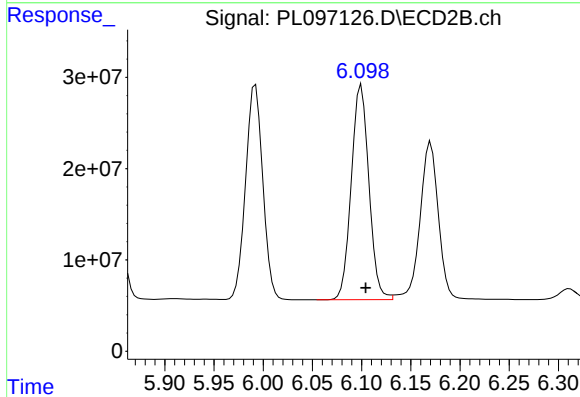
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 164638812
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

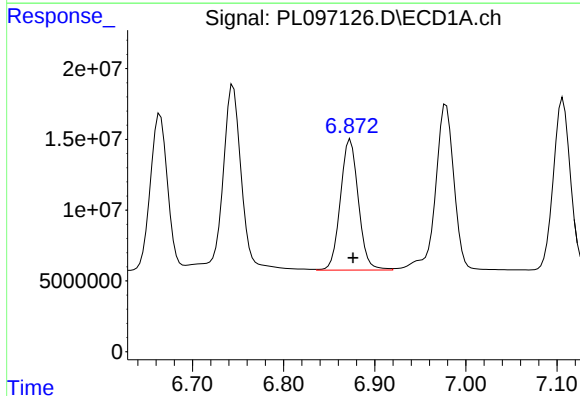
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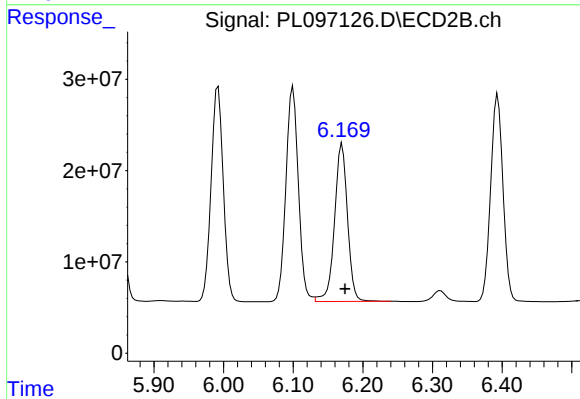
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.005 min
Response: 293505855
Conc: 53.59 ng/ml



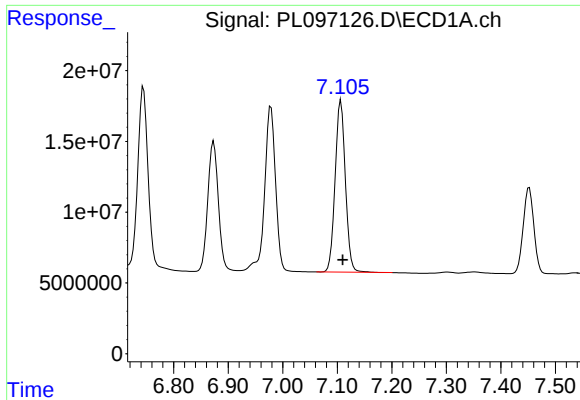
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 126585644
Conc: 48.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 223814466
Conc: 54.22 ng/ml



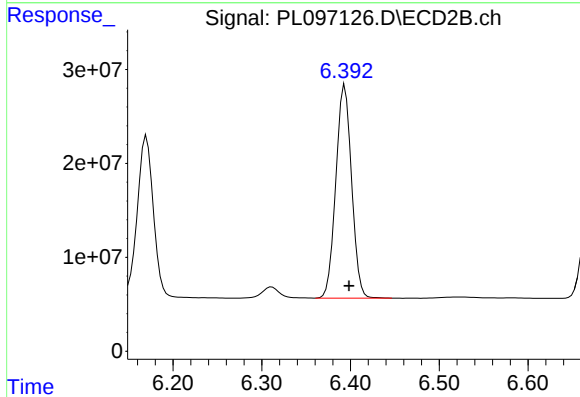
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 158866700
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

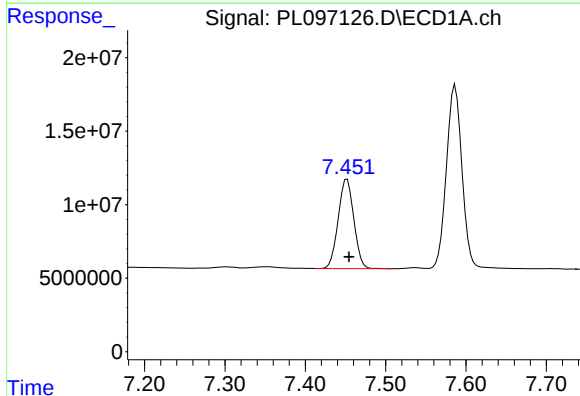
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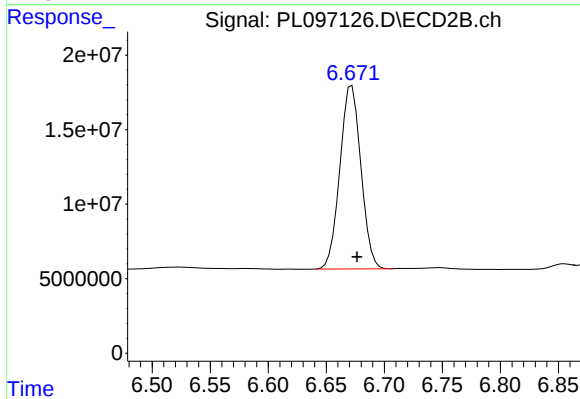
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 279703742
Conc: 49.92 ng/ml



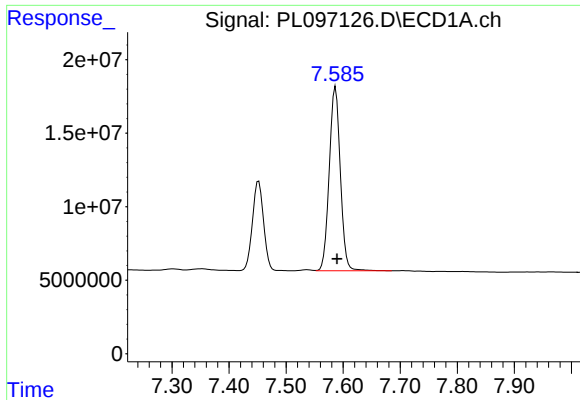
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 82386859
Conc: 47.47 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 154998420
Conc: 51.67 ng/ml



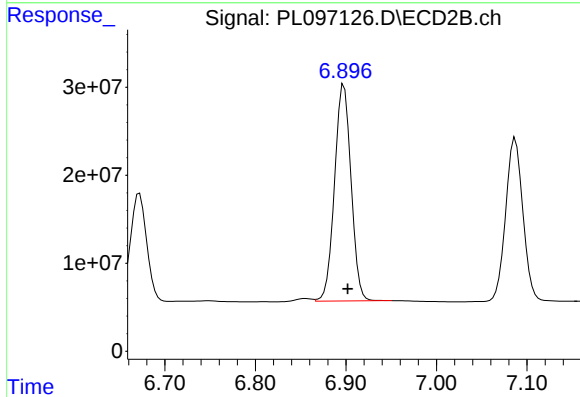
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 169302933
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

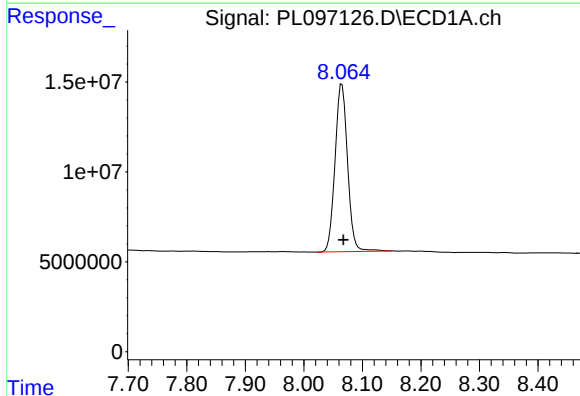
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 09/16/2025



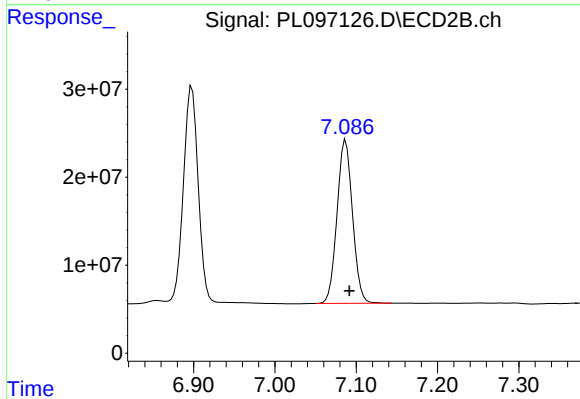
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 312199120
Conc: 49.88 ng/ml



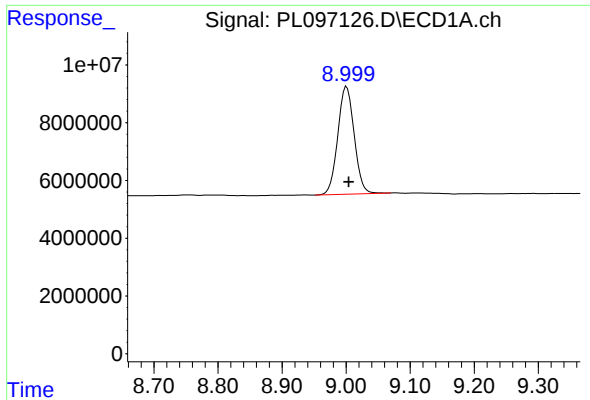
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 138703300
Conc: 46.36 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 245399518
Conc: 50.53 ng/ml



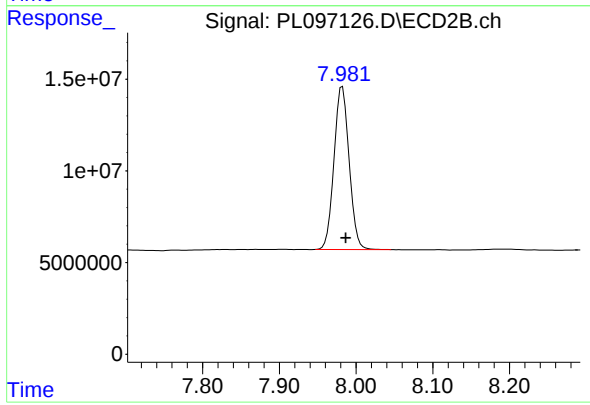
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 66371169
Conc: 22.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169632BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 121853013
Conc: 25.41 ng/ml