

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
 Data File : PL097301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 13:46
 Operator : AR\AJ
 Sample : Q3133-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-222MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/22/2025
 Supervised By : mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:18:57 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...	3.526	2.824	70267493	109.0E6	15.521m	16.571
28)	SA Decachlor...	8.999	7.982	47246662	81568432	14.439m	14.331m
Target Compounds							
2)	A alpha-BHC	3.974	3.329	281.9E6	418.2E6	40.345	41.998
3)	MA gamma-BHC...	4.302	3.661	266.5E6	386.4E6	40.291	41.480
4)	MA Heptachlor	4.892	4.009	291.8E6	382.6E6	43.742m	41.122
5)	MB Aldrin	5.230	4.291	354.5E6	341.7E6	55.968	39.373 #
6)	B beta-BHC	4.490	3.957	108.4E6	160.8E6	39.756	39.597
7)	B delta-BHC	4.734	4.189	246.0E6	367.9E6	40.541m	40.026
8)	B Heptachlo...	5.652	4.793	366.5E6	407.8E6	63.767	51.416
9)	A Endosulfan I	6.032	5.164	232.7E6	285.5E6	44.912	37.163
10)	B gamma-Chl...	5.905	5.044	345.4E6	505.0E6	61.089	57.821
11)	B alpha-Chl...	5.986	5.108	537.4E6	665.1E6	94.616	80.132
12)	B 4,4'-DDE	6.156	5.297	233.3E6	345.8E6	48.959	45.001
13)	MA Dieldrin	6.305	5.427	217.6E6	331.9E6	39.697	40.585
14)	MA Endrin	6.532	5.702	182.3E6	290.0E6	39.514	38.609
15)	B Endosulfa...	6.746	5.995	199.7E6	346.8E6	40.602	48.786
16)	A 4,4'-DDD	6.665	5.849	160.2E6	224.1E6	42.492	34.755
17)	MA 4,4'-DDT	6.979	6.101	204.4E6	315.1E6	48.360	45.537
18)	B Endrin al...	6.873	6.172	133.0E6	206.8E6	43.152	38.740
19)	B Endosulfa...	7.107	6.395	161.6E6	244.1E6	39.585	35.632
20)	A Methoxychlor	7.452	6.674	87271436	141.7E6	41.849	37.588
21)	B Endrin ke...	7.587	6.900	168.4E6	257.9E6	39.670	34.243
22)	Mirex	8.065	7.089	133.1E6	203.9E6	37.491	34.105

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
Data File : PL097301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 13:46
Operator : AR\AJ
Sample : Q3133-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

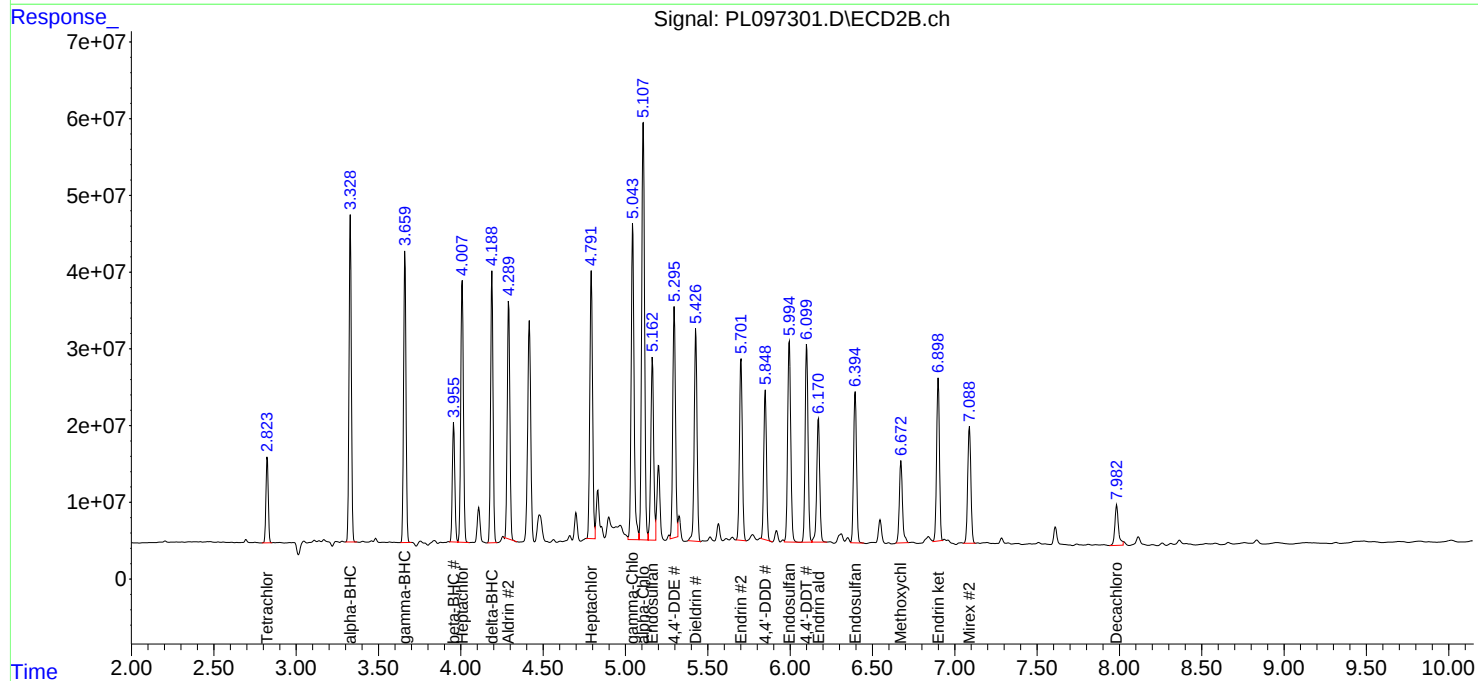
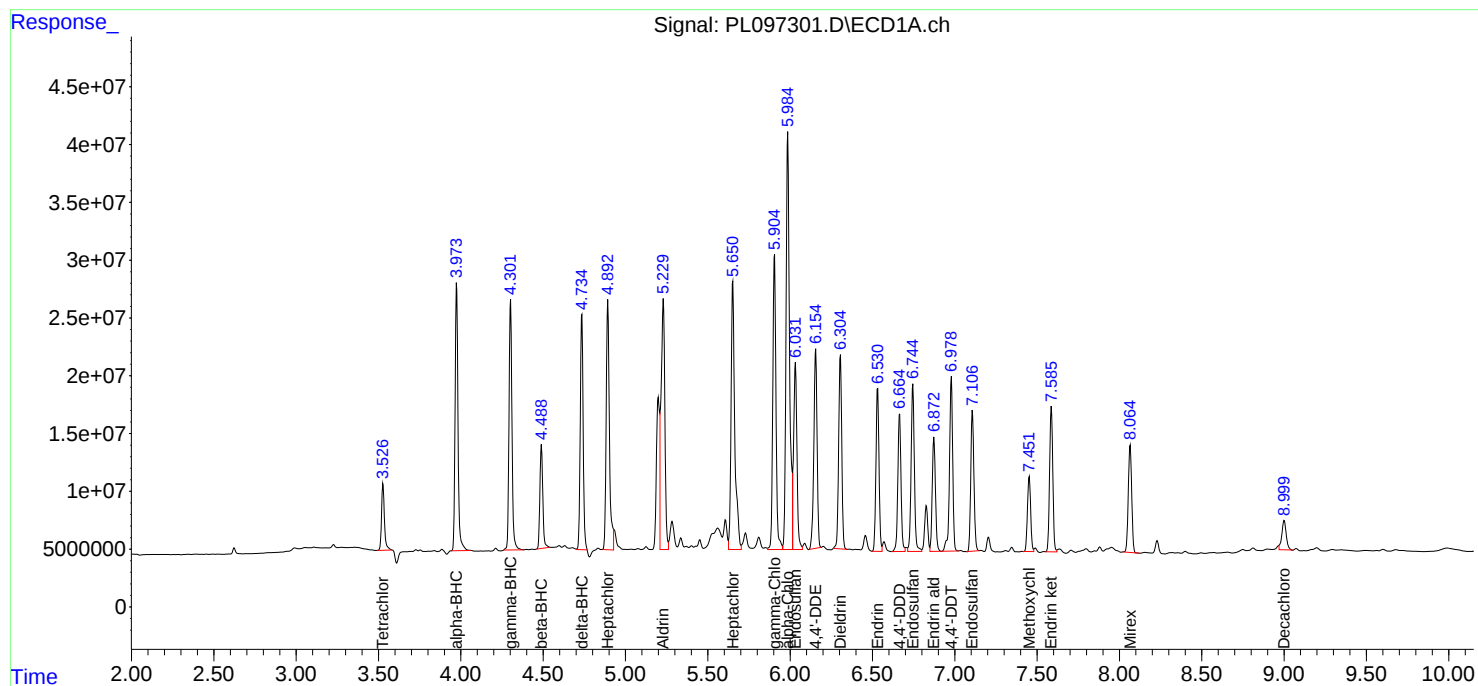
Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

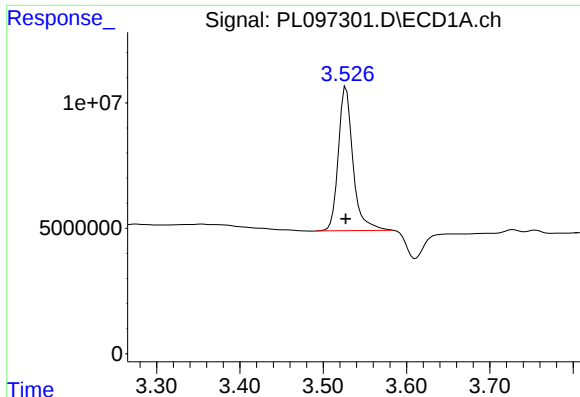
Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 01:18:57 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





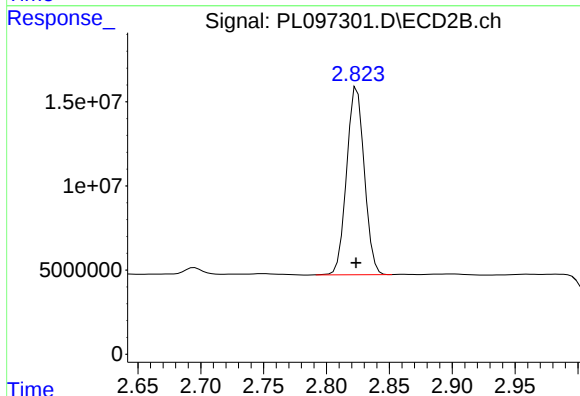
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 70267493
Conc: 15.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

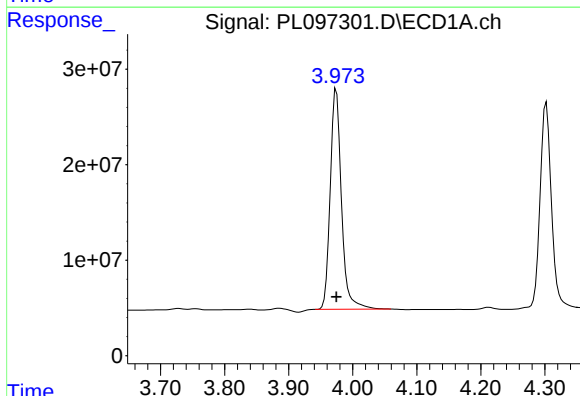
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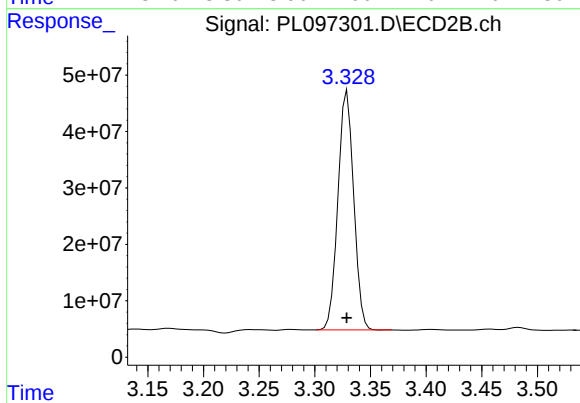
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 108966348
Conc: 16.57 ng/ml



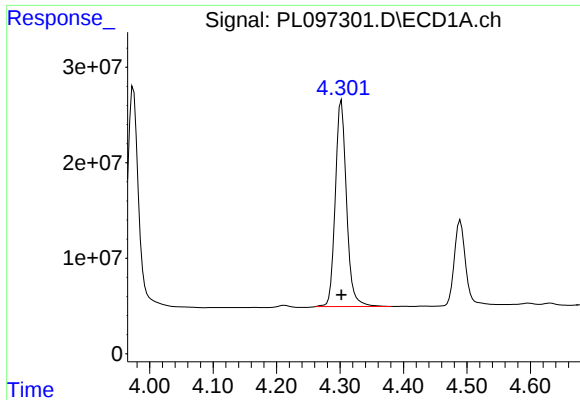
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 281909868
Conc: 40.35 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 418199810
Conc: 42.00 ng/ml



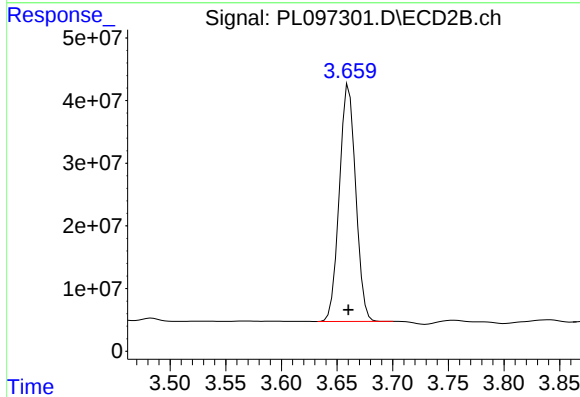
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 266450972
Conc: 40.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

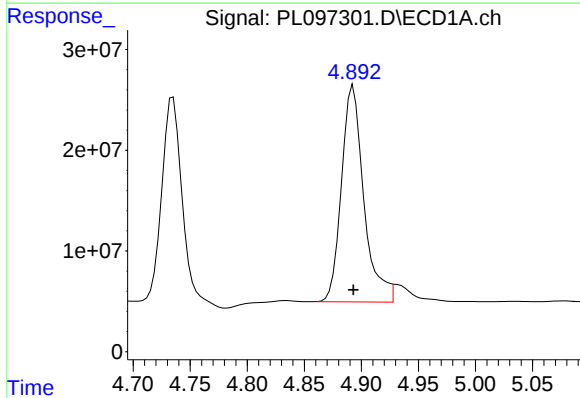
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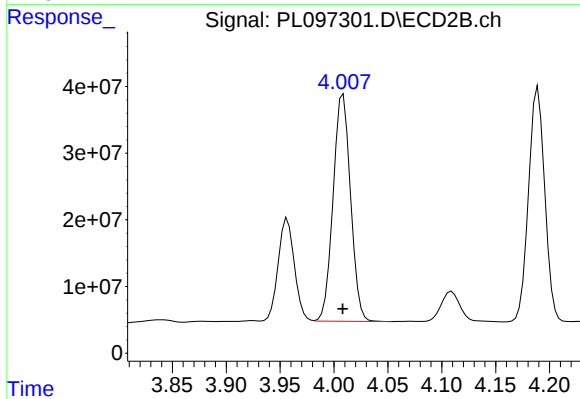
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 386375782
Conc: 41.48 ng/ml



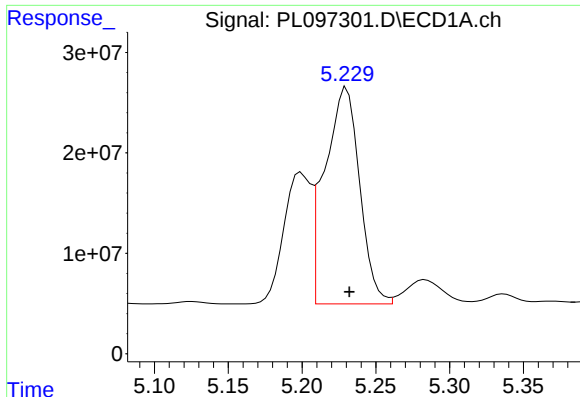
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 291765766
Conc: 43.74 ng/ml m



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 382647318
Conc: 41.12 ng/ml



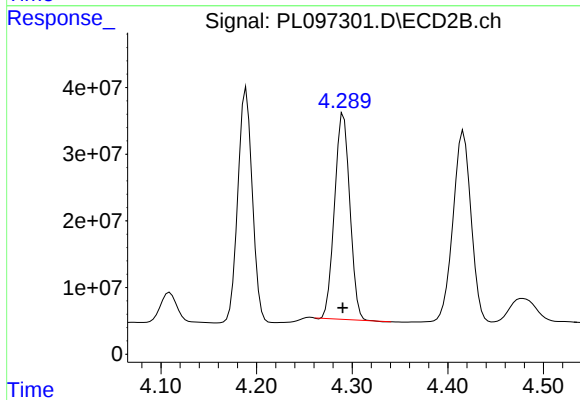
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 354492778
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

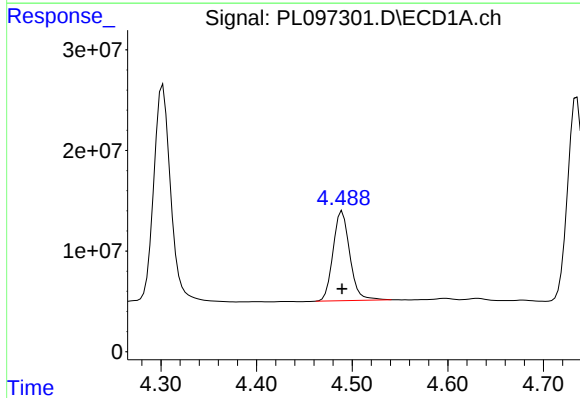
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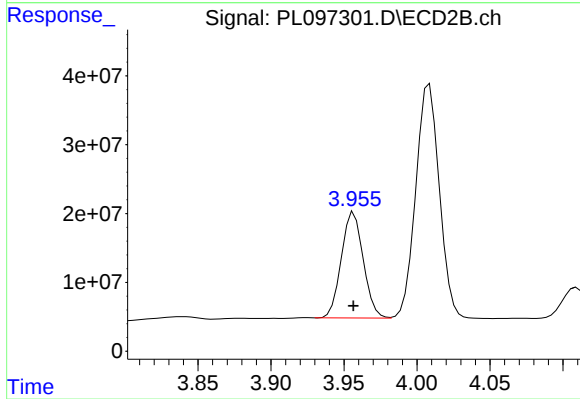
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 341728062
Conc: 39.37 ng/ml



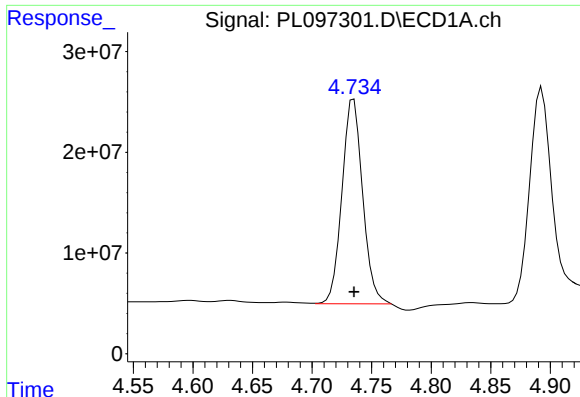
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 108383468
Conc: 39.76 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 160843562
Conc: 39.60 ng/ml



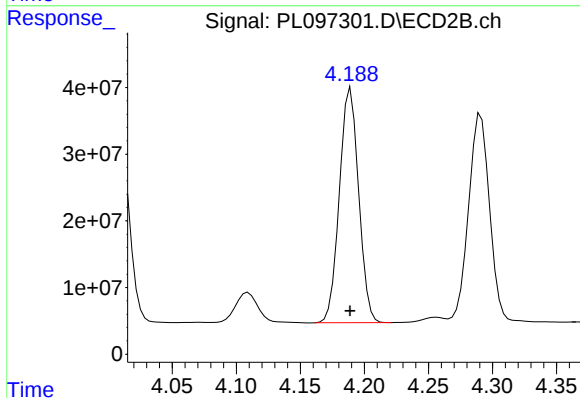
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 246019081
Conc: 40.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

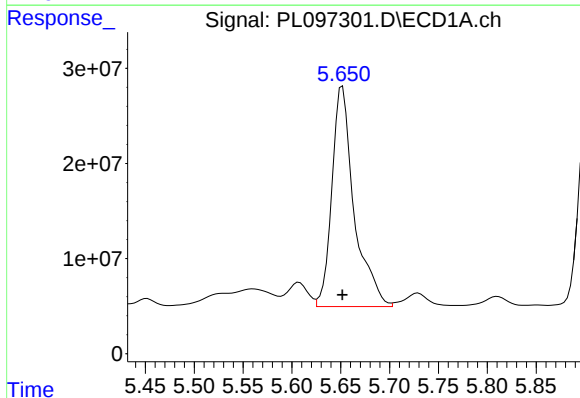
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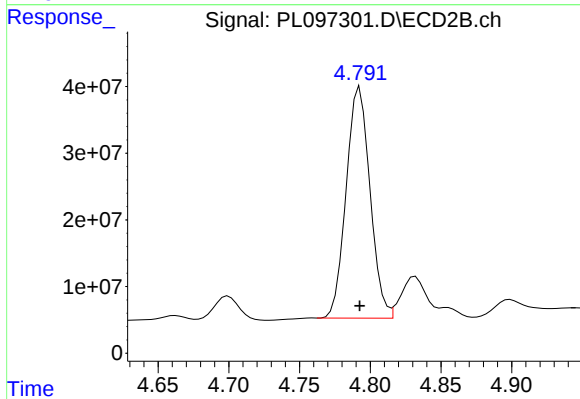
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 367924480
Conc: 40.03 ng/ml



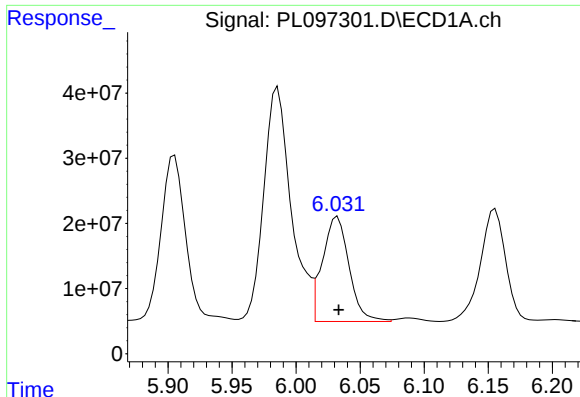
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 366468141
Conc: 63.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 407804213
Conc: 51.42 ng/ml



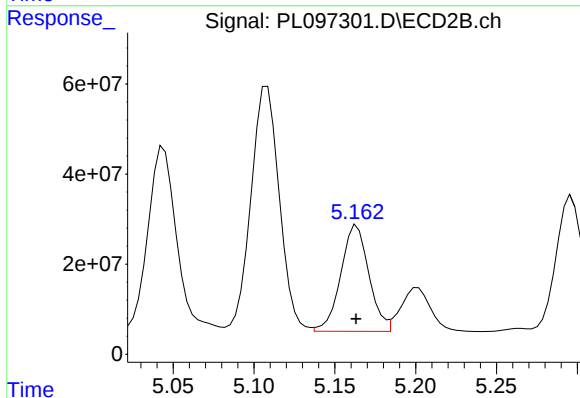
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 232702980
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

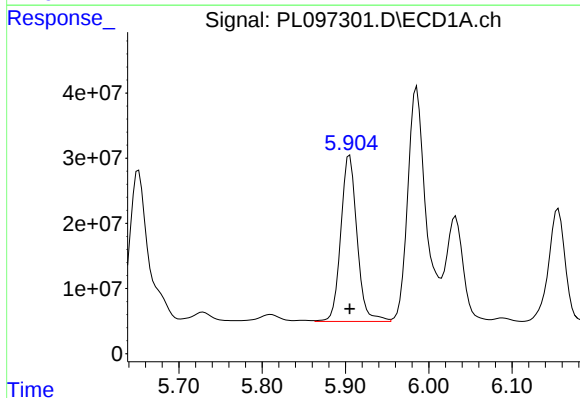
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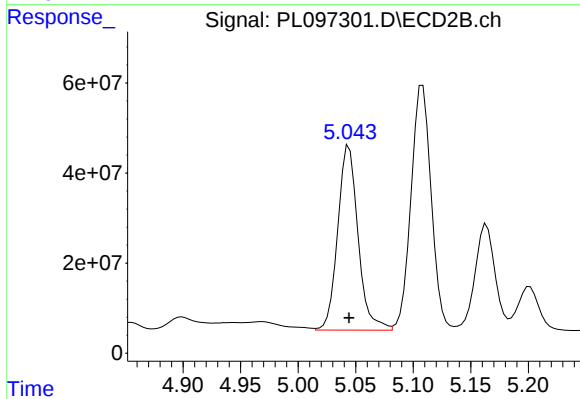
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 285548343
Conc: 37.16 ng/ml



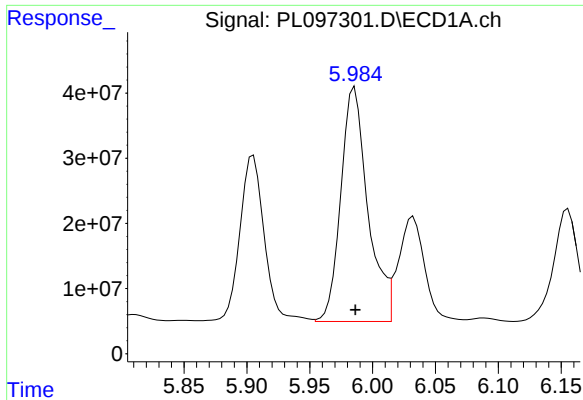
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 345368629
Conc: 61.09 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 505004257
Conc: 57.82 ng/ml



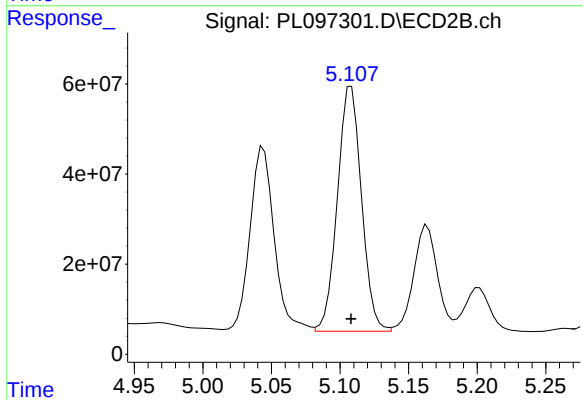
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 537411955
Conc: 94.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

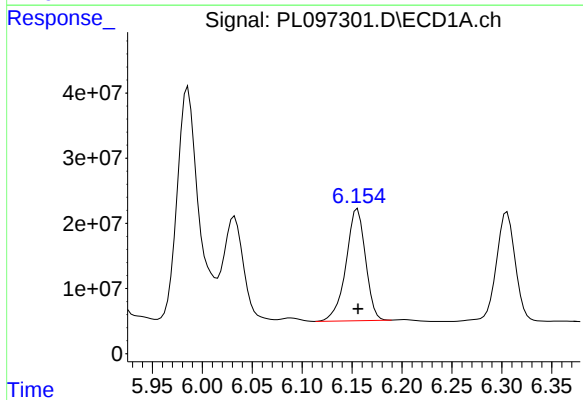
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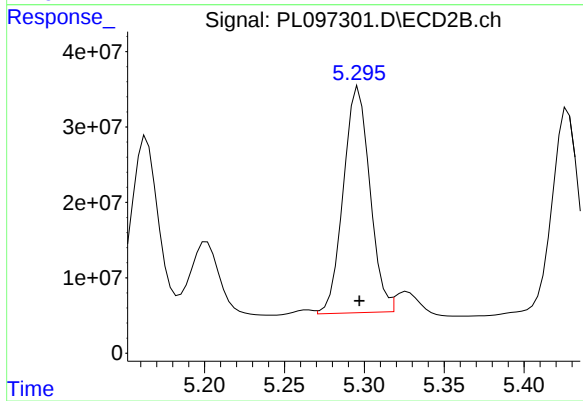
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 665134555
Conc: 80.13 ng/ml



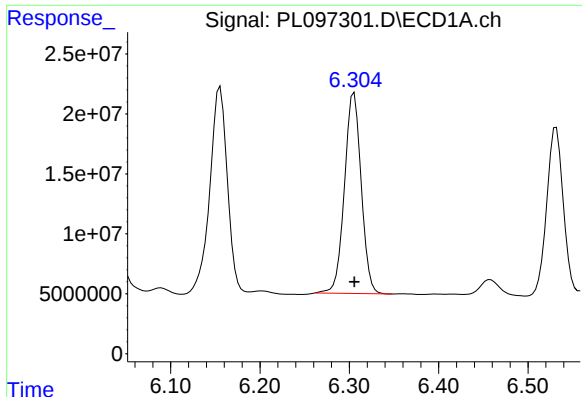
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 233274803
Conc: 48.96 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 345820470
Conc: 45.00 ng/ml



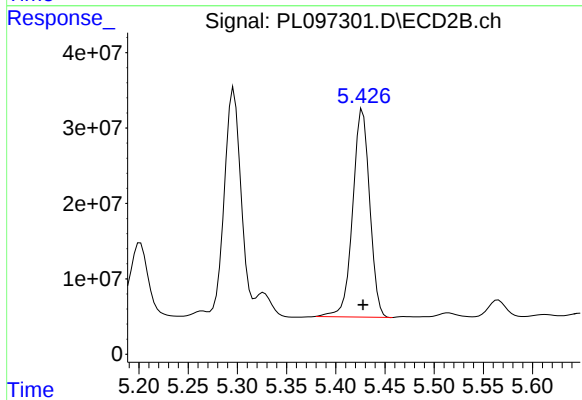
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 217627139
Conc: 39.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

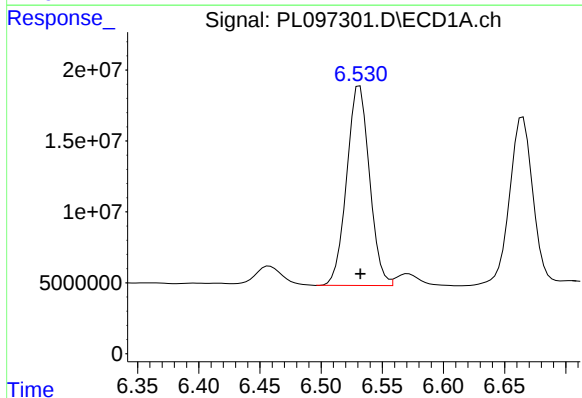
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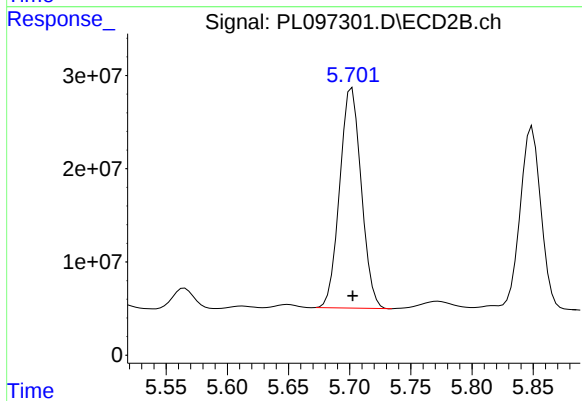
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 331850911
Conc: 40.58 ng/ml



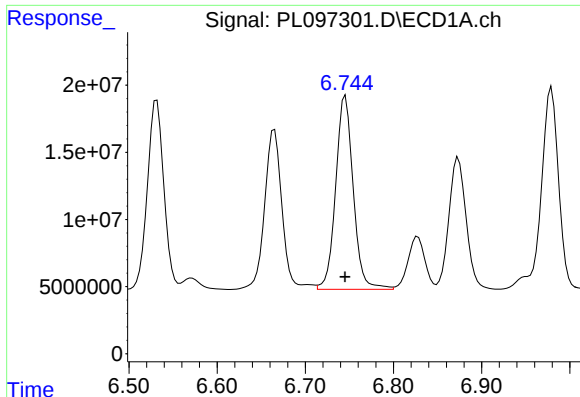
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 182282280
Conc: 39.51 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 289970003
Conc: 38.61 ng/ml



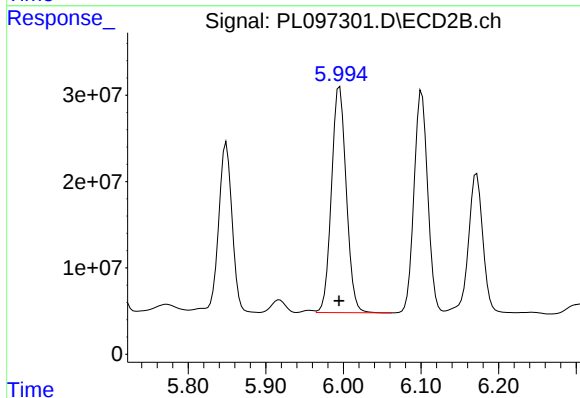
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 199693308
Conc: 40.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

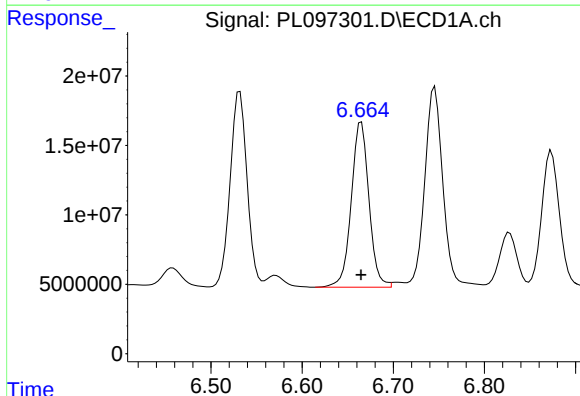
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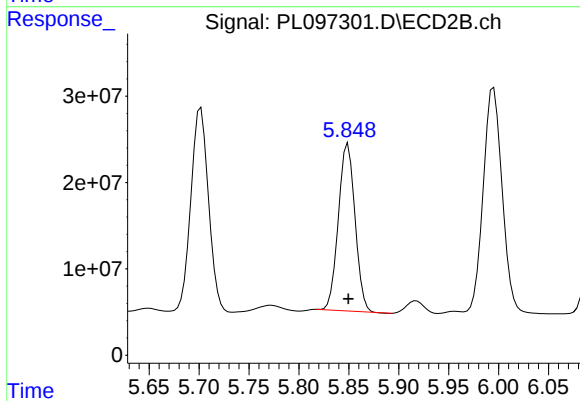
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 346830458
Conc: 48.79 ng/ml



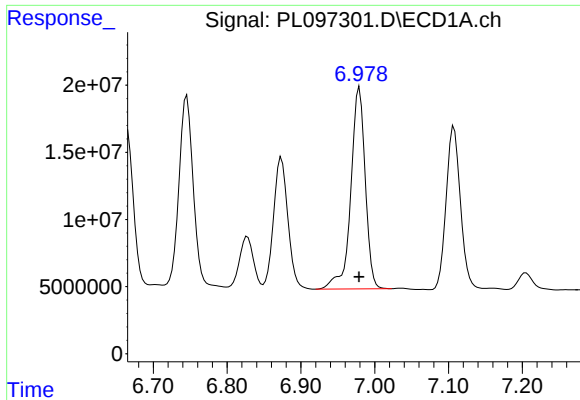
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 160216688
Conc: 42.49 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 224136508
Conc: 34.75 ng/ml



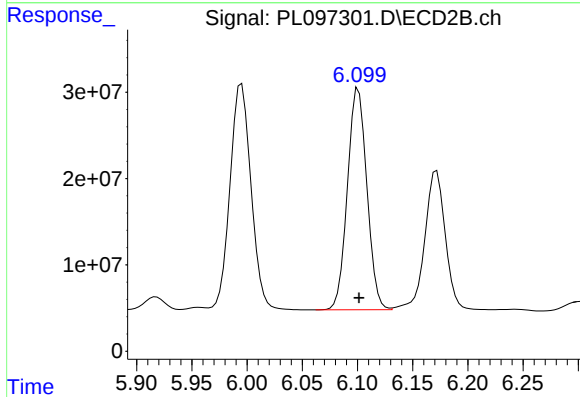
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 204428074
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

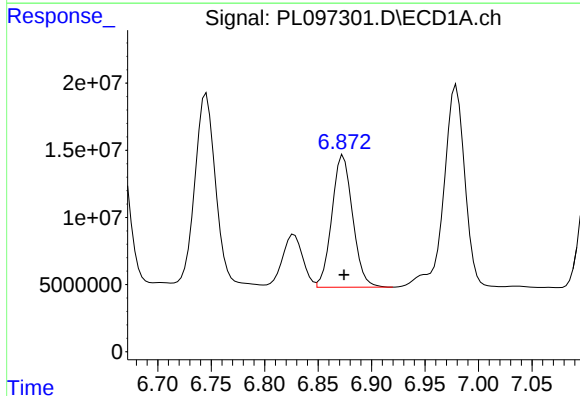
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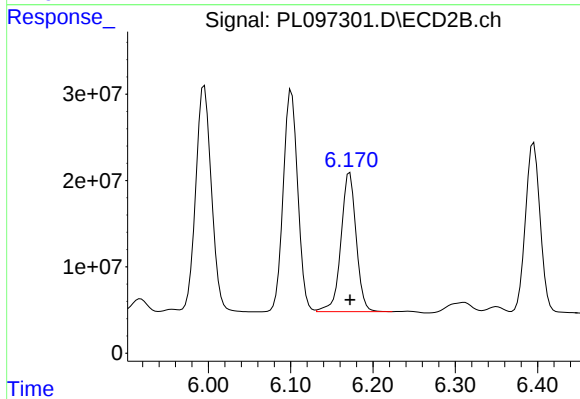
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 315136262
Conc: 45.54 ng/ml



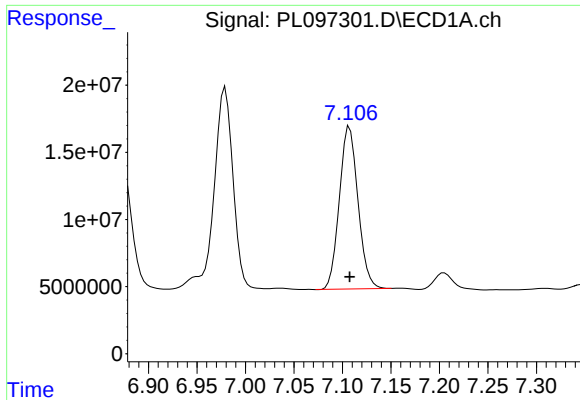
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 133028609
Conc: 43.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 206770781
Conc: 38.74 ng/ml



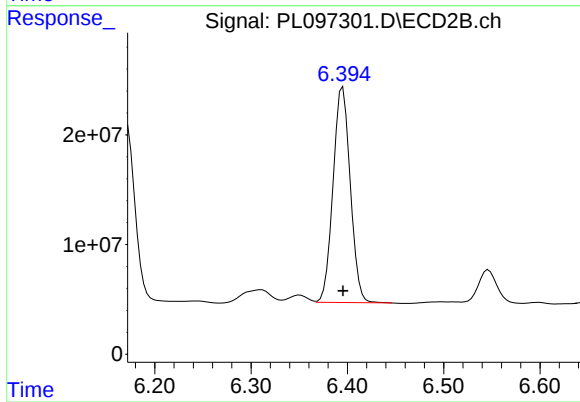
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 161613131
Conc: 39.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

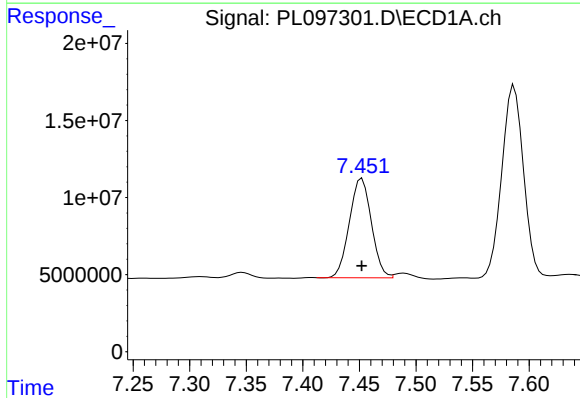
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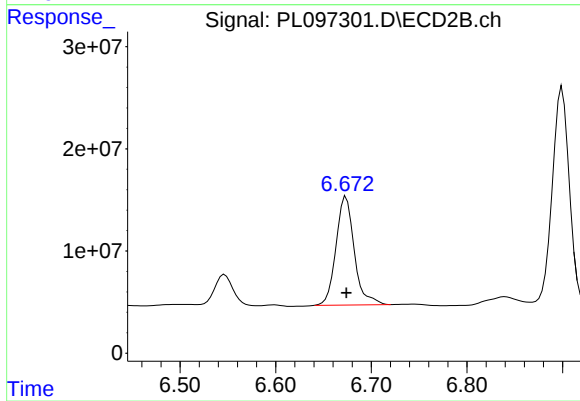
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 244070395
Conc: 35.63 ng/ml



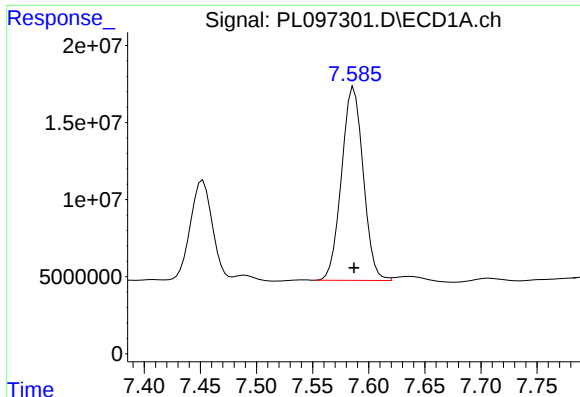
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 87271436
Conc: 41.85 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 141685724
Conc: 37.59 ng/ml



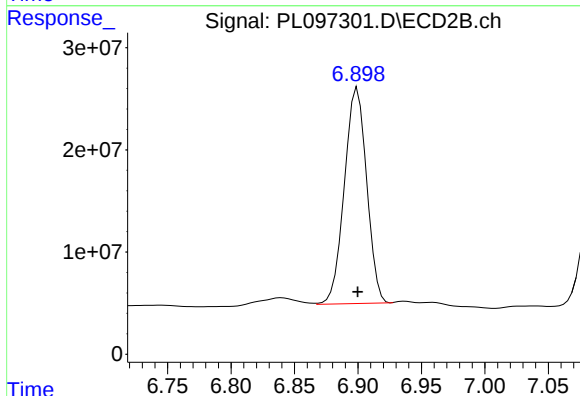
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 168372532
Conc: 39.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

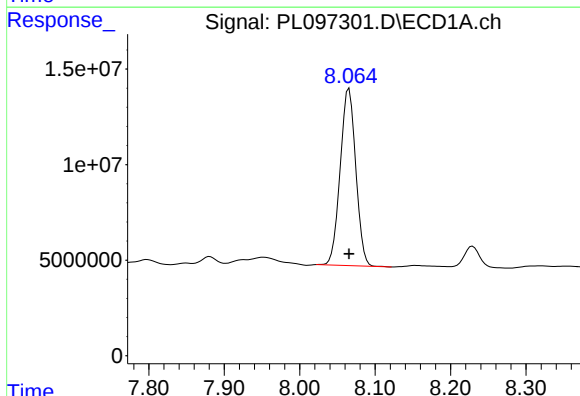
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



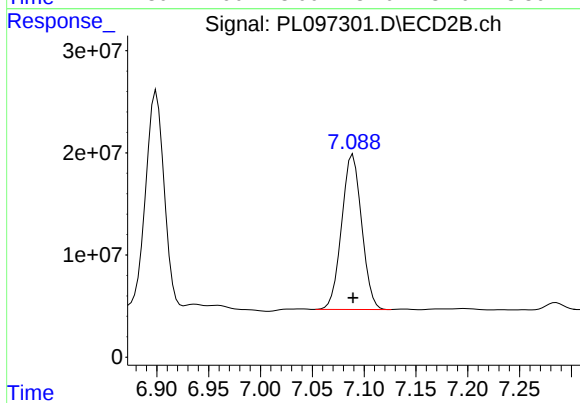
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 257859342
Conc: 34.24 ng/ml



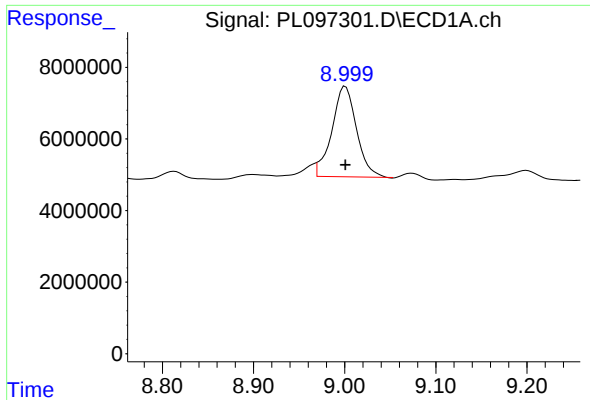
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 133103307
Conc: 37.49 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 203902156
Conc: 34.10 ng/ml



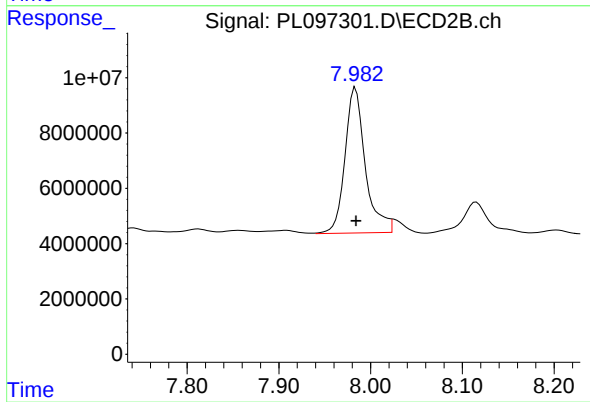
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.001 min
Response: 47246662
Conc: 14.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MS

Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 81568432
Conc: 14.33 ng/ml m