

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097128.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 15:42
 Operator : AR\AJ
 Sample : Q3048-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-258MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:10:51 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...	3.525	2.824	49528622	92843606	12.558m	16.471 #
2)	SA Decachlor...	8.997	7.975	49974246	51120964	16.879m	10.660m#
Target Compounds							
2)	A alpha-BHC	3.974	3.328	225.1E6	296.2E6	38.850	36.075
3)	MA gamma-BHC...	4.296	3.659	309.2E6	221.5E6	56.612m	30.071m#
4)	MA Heptachlor	4.892	4.007	251.7E6	348.6E6	47.194	46.326
5)	MB Aldrin	5.231	4.289	296.1E6	284.6E6	56.366	40.462 #
6)	B beta-BHC	4.489	3.955	76721961	137.6E6	33.546	42.175 #
7)	B delta-BHC	4.734	4.188	229.5E6	306.6E6	51.003	41.724
8)	B Heptachlo...	5.651	4.791	273.2E6	497.7E6	53.087	78.689 #
9)	A Endosulfan I	6.032	5.162	250.1E6	227.5E6	58.216	37.965m#
10)	B gamma-Chl...	5.905	5.043	369.1E6	517.6E6	80.150	78.292
11)	B alpha-Chl...	5.986	5.107	537.4E6	569.7E6	114.206	87.249
12)	B 4,4'-DDE	6.156	5.294	160.5E6	263.2E6	40.214	42.756m
13)	MA Dieldrin	6.305	5.427	214.5E6	333.9E6	47.242	50.960
14)	MA Endrin	6.531	5.701	171.2E6	269.0E6	45.727	45.533
15)	B Endosulfa...	6.742	5.994	184.6E6	354.2E6	41.916m	61.928 #
16)	A 4,4'-DDD	6.663	5.846	184.4E6	207.1E6	58.431	39.657m#
17)	MA 4,4'-DDT	6.977	6.100	153.6E6	286.7E6	43.864m	52.352
18)	B Endrin al...	6.873	6.169	133.0E6	200.6E6	51.109	48.073m
19)	B Endosulfa...	7.106	6.394	149.8E6	229.7E6	43.643	40.993
20)	A Methoxychlor	7.444	6.672	108.9E6	132.0E6	62.726m	44.017 #
21)	B Endrin ke...	7.585	6.898	163.9E6	250.0E6	46.101	39.939
22)	Mirex	8.062	7.087	128.2E6	184.0E6	42.863m	37.896m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097128.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 15:42
Operator : AR\AJ
Sample : Q3048-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

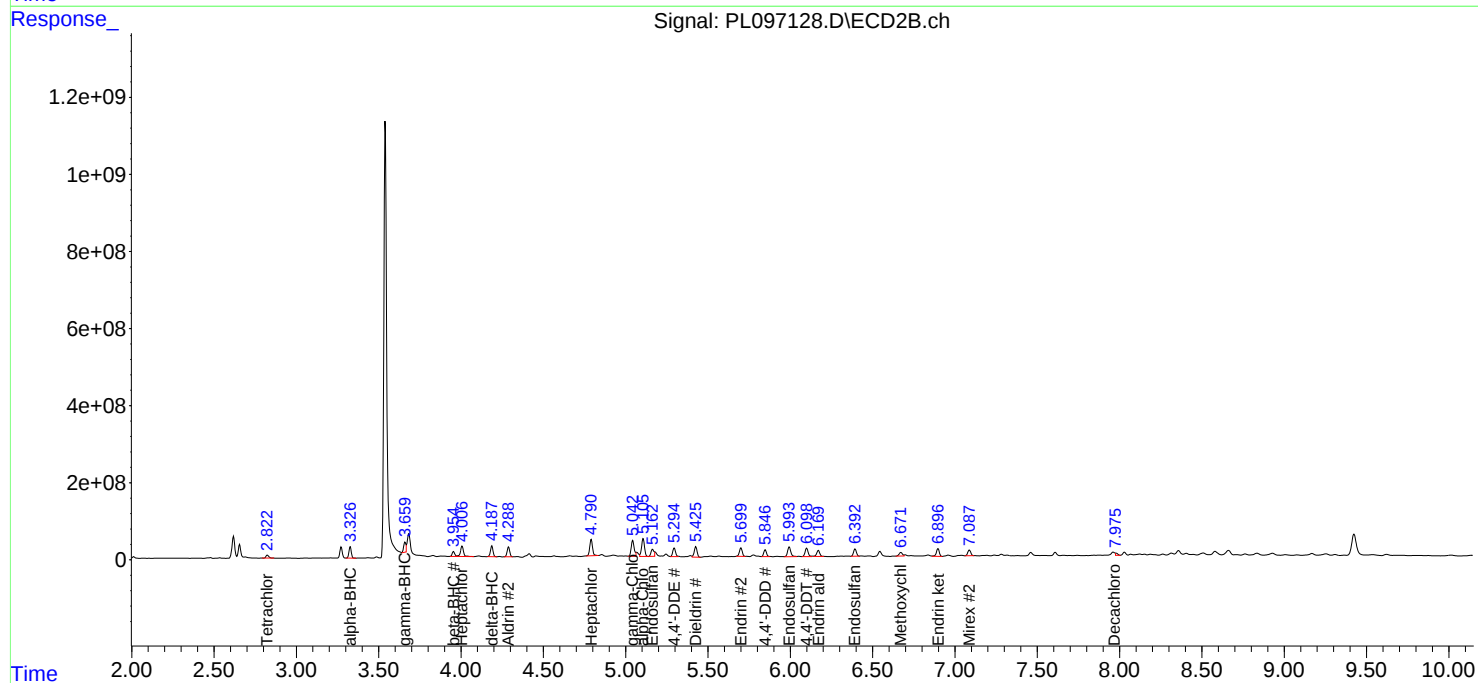
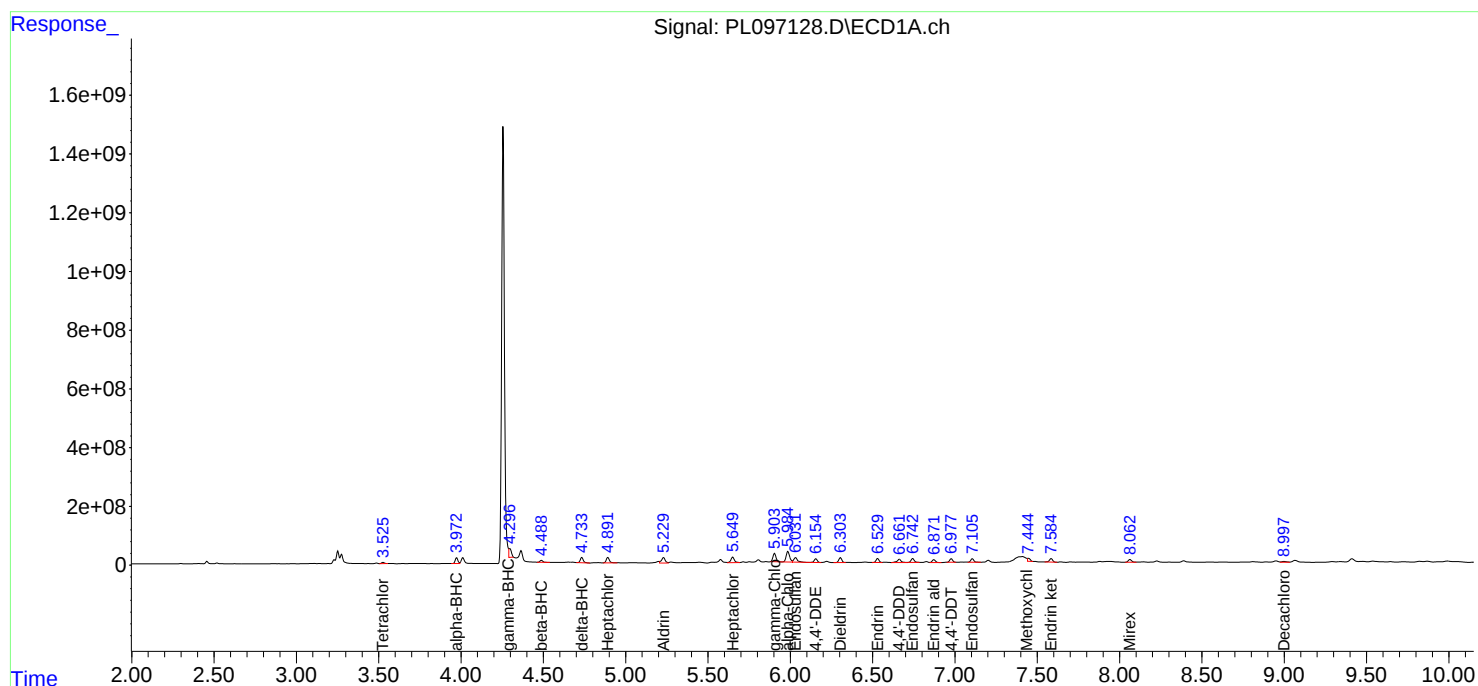
Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

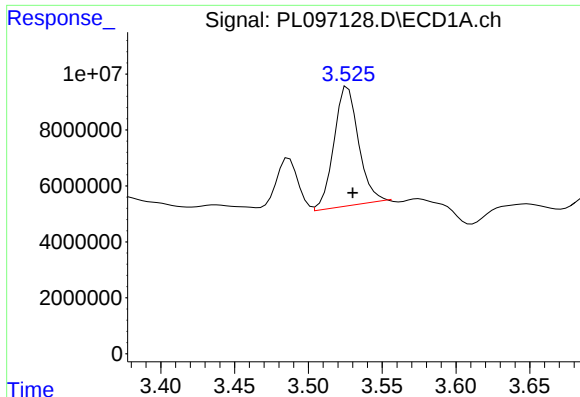
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:10:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





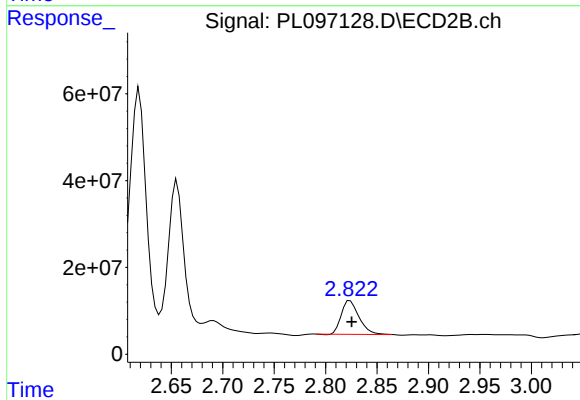
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.005 min
Response: 49528622
Conc: 12.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

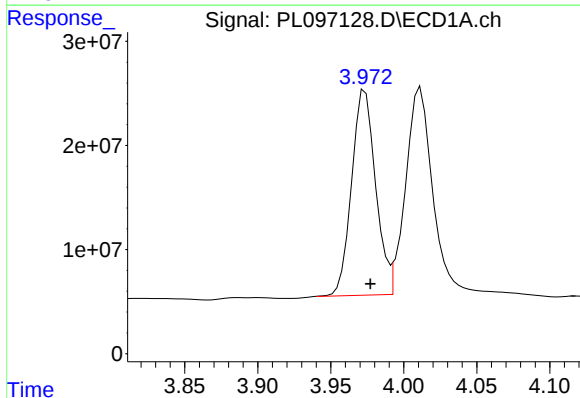
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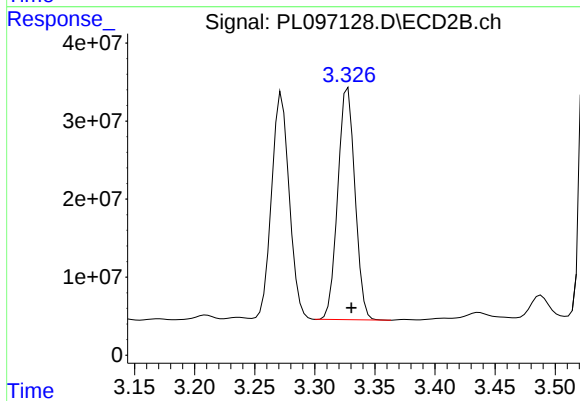
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 92843606
Conc: 16.47 ng/ml



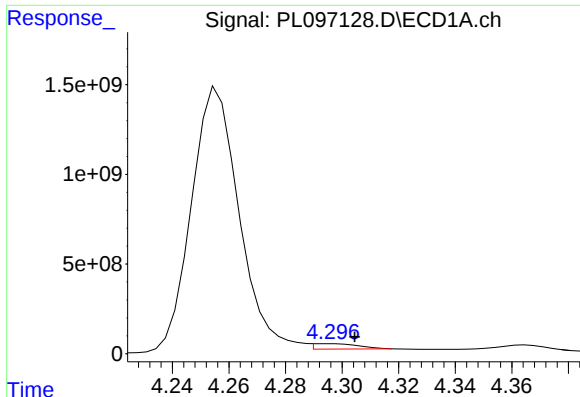
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 225097590
Conc: 38.85 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.003 min
Response: 296226234
Conc: 36.08 ng/ml



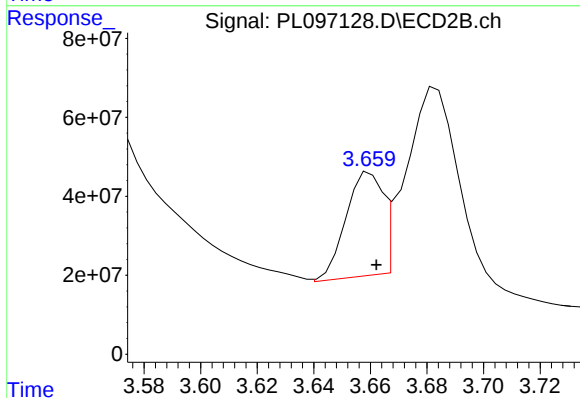
#3 gamma-BHC (Lindane)

R.T.: 4.296 min
Delta R.T.: -0.009 min
Response: 309203384
Conc: 56.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

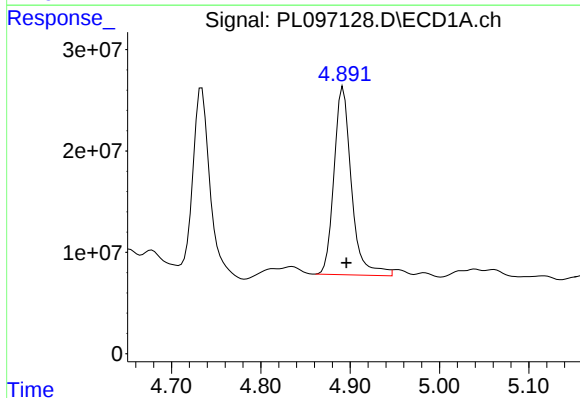
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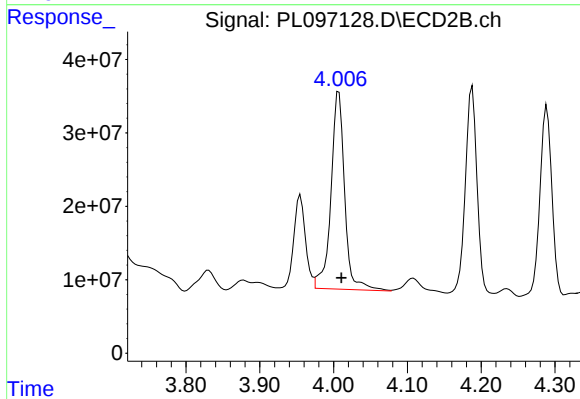
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 221518015
Conc: 30.07 ng/ml m



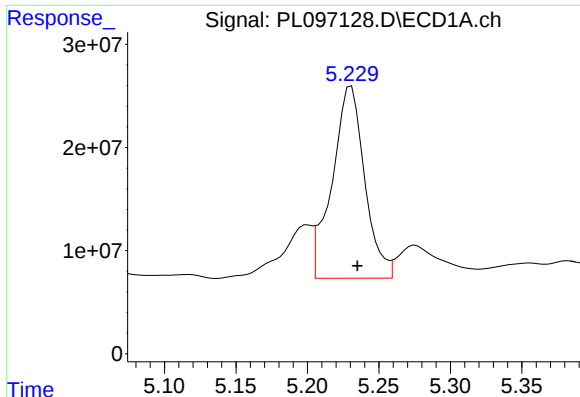
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 251654895
Conc: 47.19 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 348569176
Conc: 46.33 ng/ml



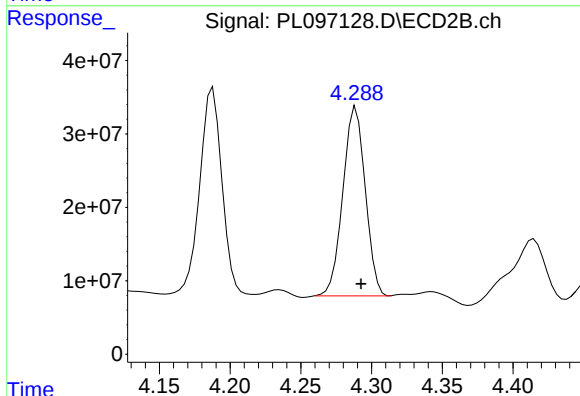
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 296120482
Conc: 56.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

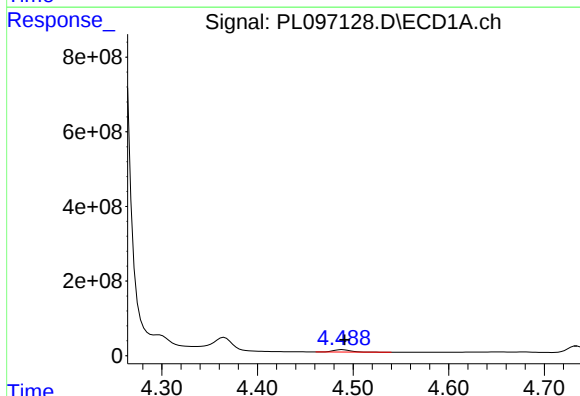
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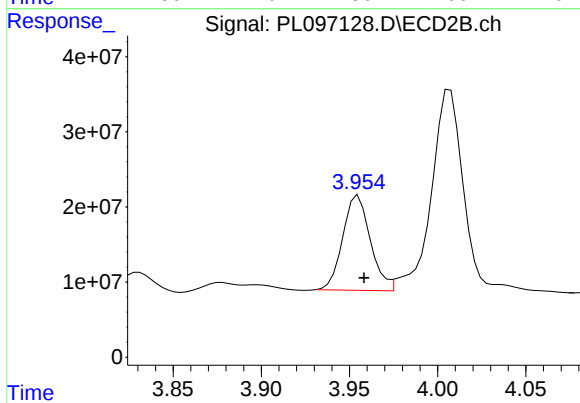
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 284560568
Conc: 40.46 ng/ml



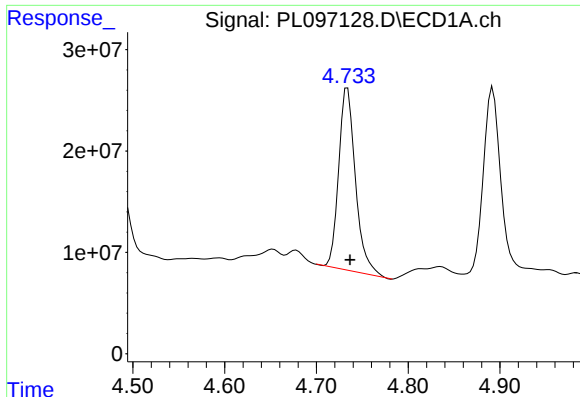
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 76721961
Conc: 33.55 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 137585806
Conc: 42.17 ng/ml



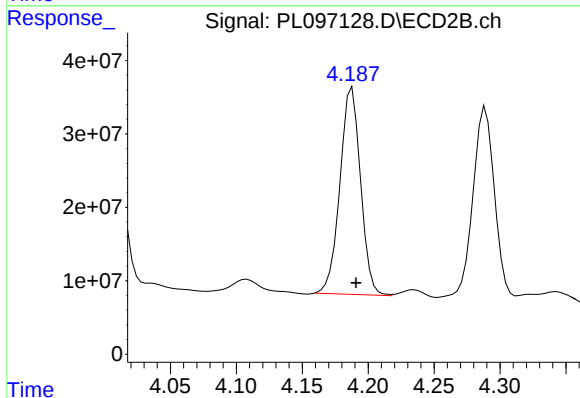
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 229511622
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

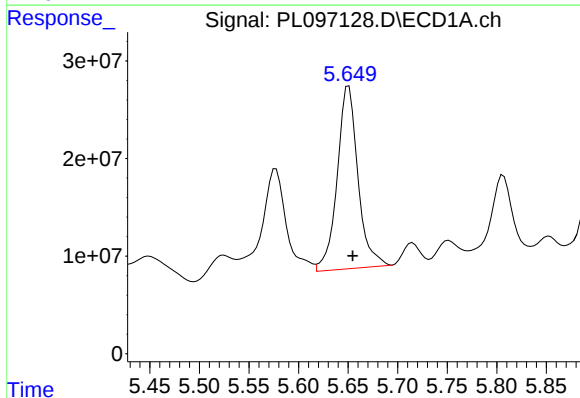
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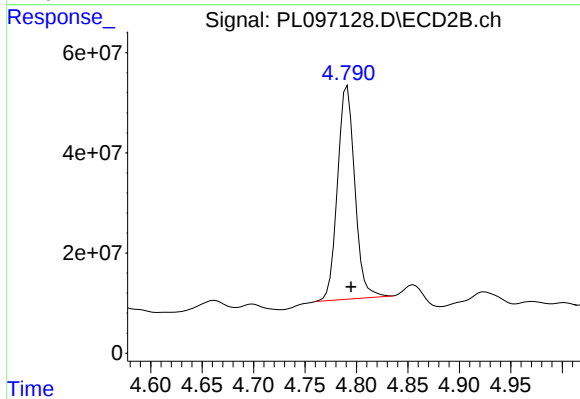
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 306620314
Conc: 41.72 ng/ml



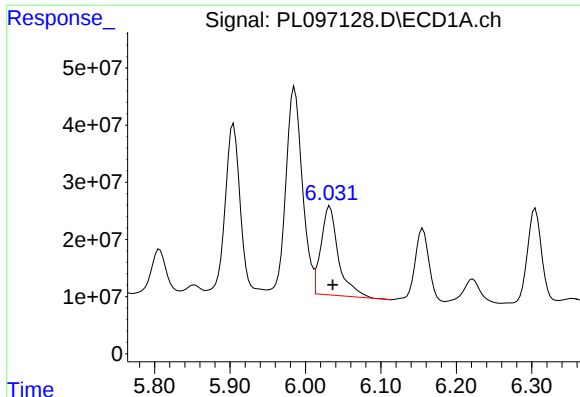
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 273177905
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 497706566
Conc: 78.69 ng/ml



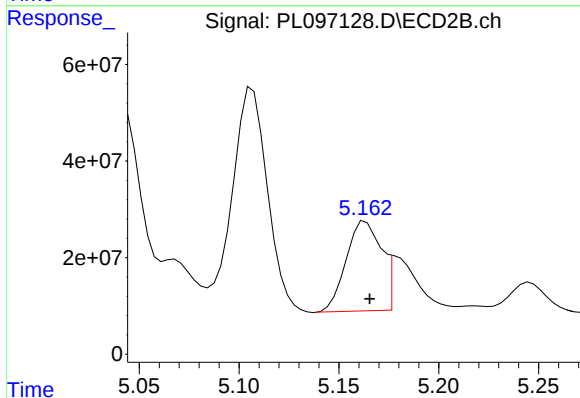
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 250142113
Conc: 58.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

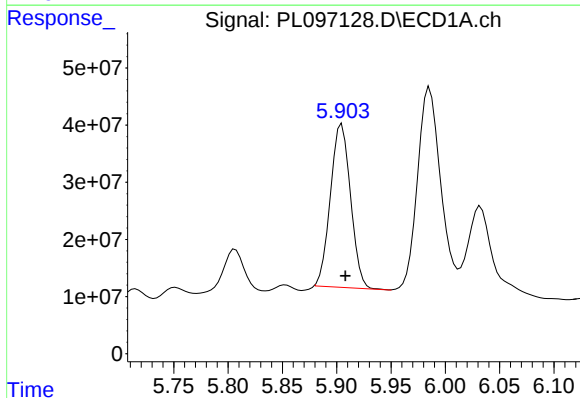
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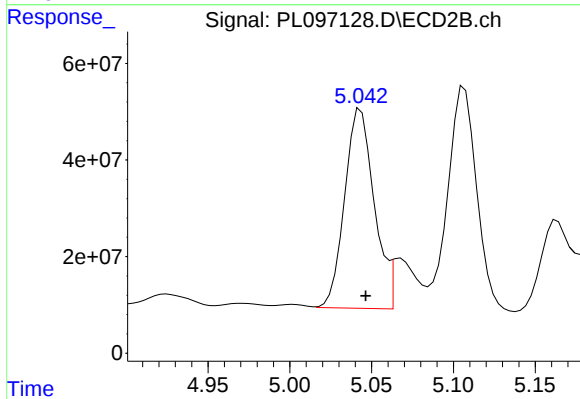
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 227459671
Conc: 37.96 ng/ml m



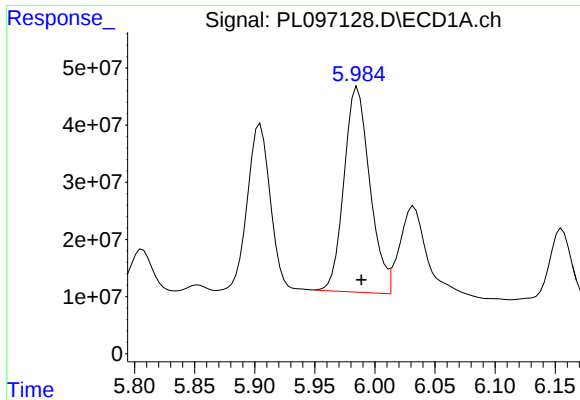
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 369130309
Conc: 80.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 517593497
Conc: 78.29 ng/ml



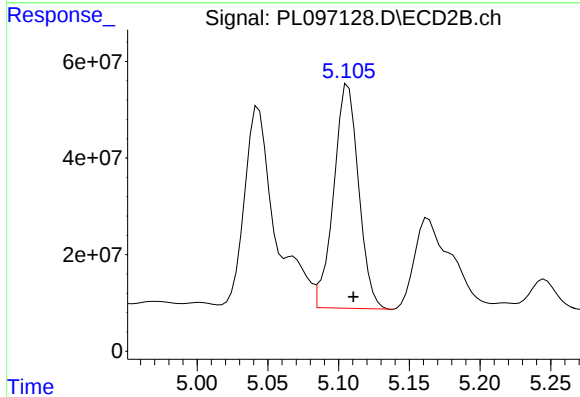
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 537440244
Conc: 114.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

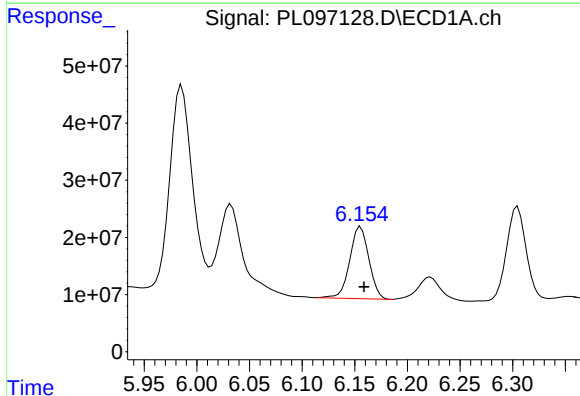
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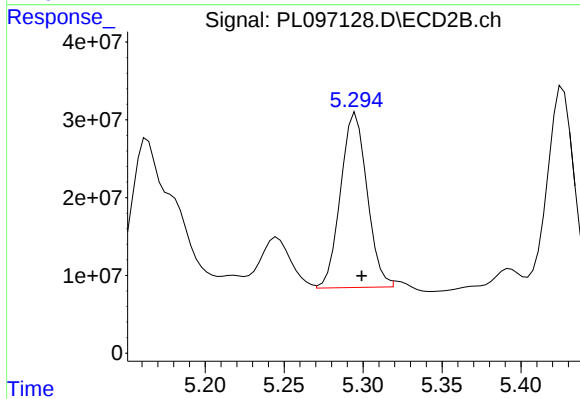
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 569714192
Conc: 87.25 ng/ml



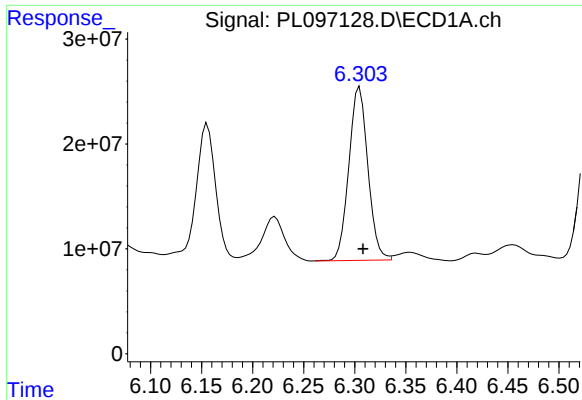
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 160458875
Conc: 40.21 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 263150335
Conc: 42.76 ng/ml m



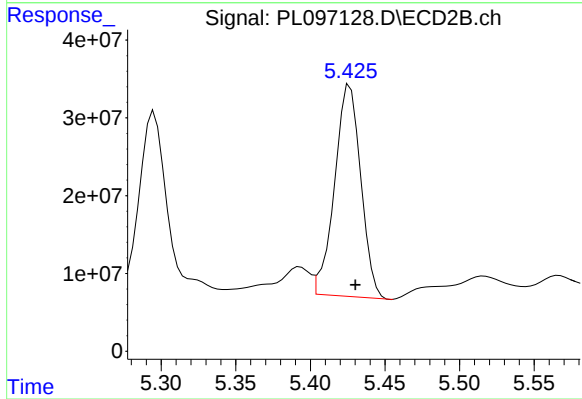
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 214518922
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

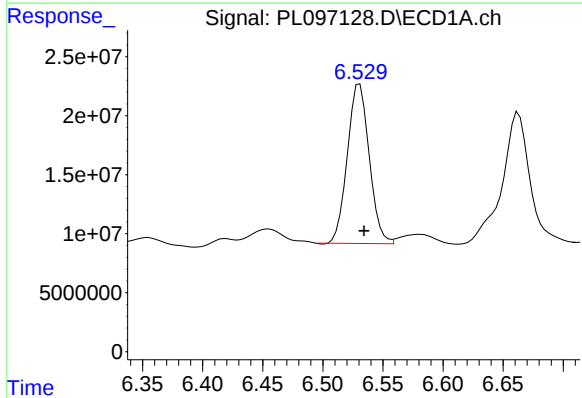
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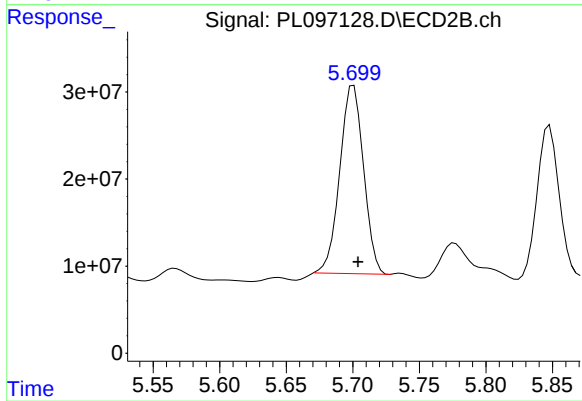
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.004 min
Response: 333939603
Conc: 50.96 ng/ml



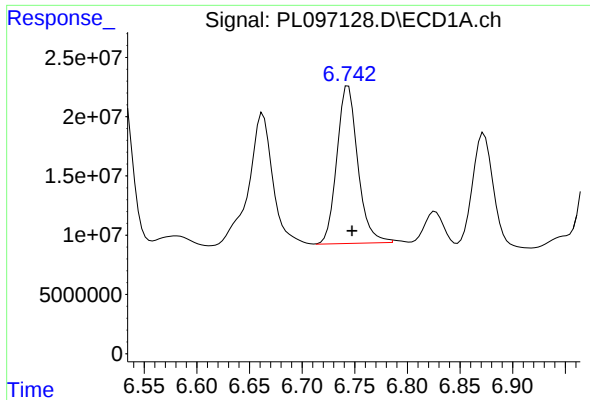
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 171244270
Conc: 45.73 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 268972213
Conc: 45.53 ng/ml



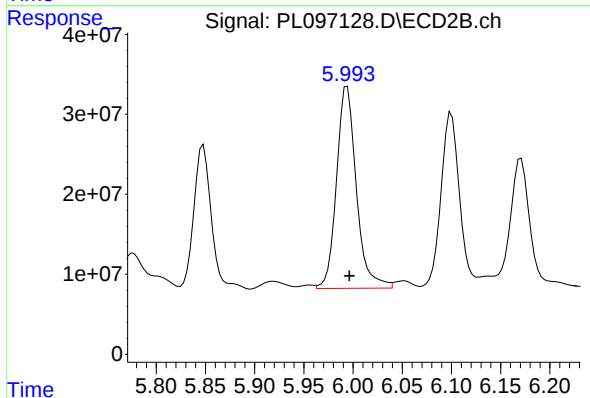
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.005 min
Response: 184642415
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

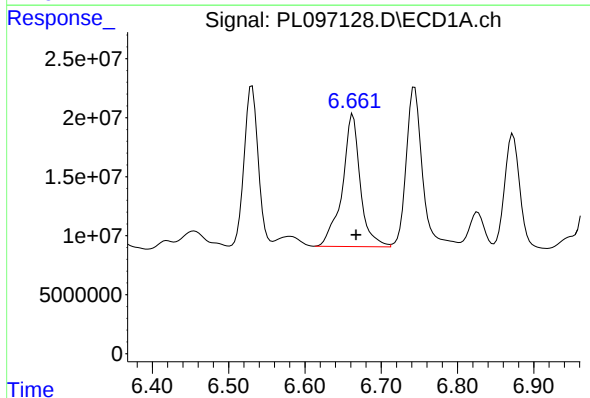
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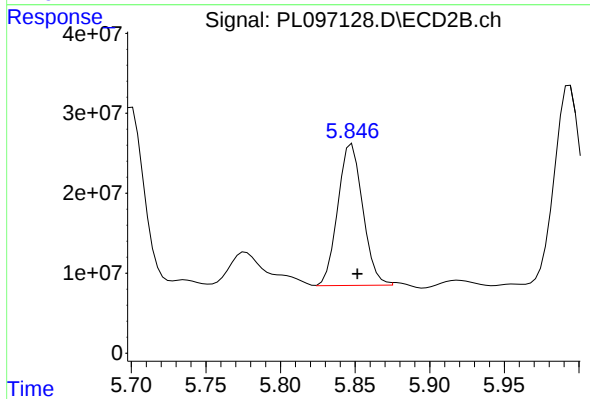
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 354151718
Conc: 61.93 ng/ml



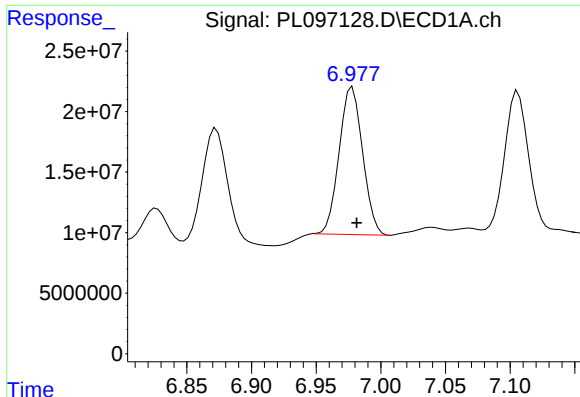
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 184397669
Conc: 58.43 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 207101891
Conc: 39.66 ng/ml m



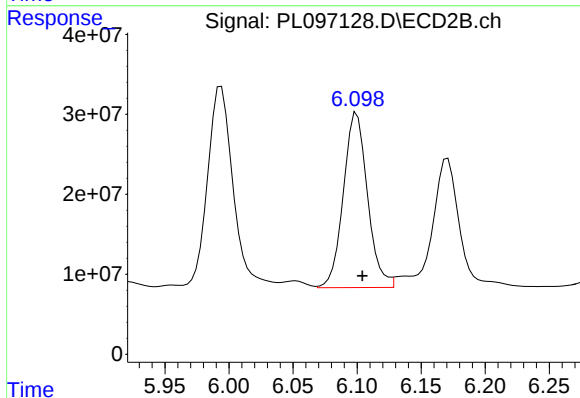
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 153630264
Conc: 43.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

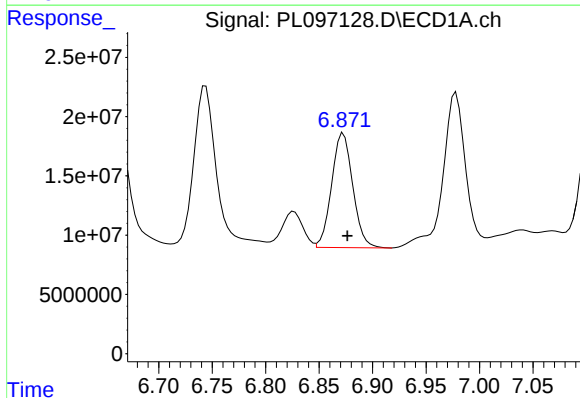
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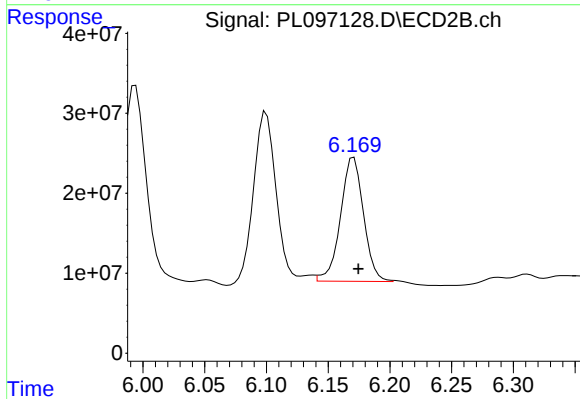
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 286744340
Conc: 52.35 ng/ml



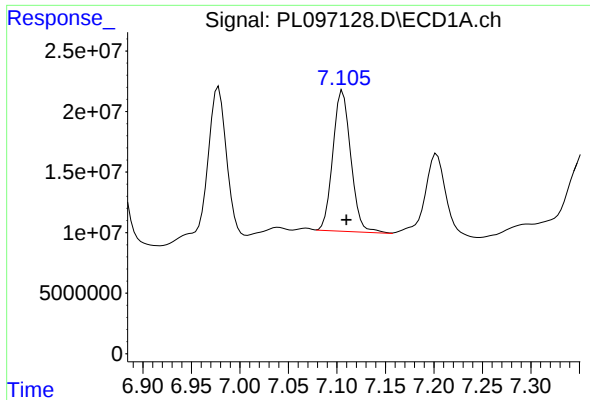
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 132956153
Conc: 51.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 200588525
Conc: 48.07 ng/ml m



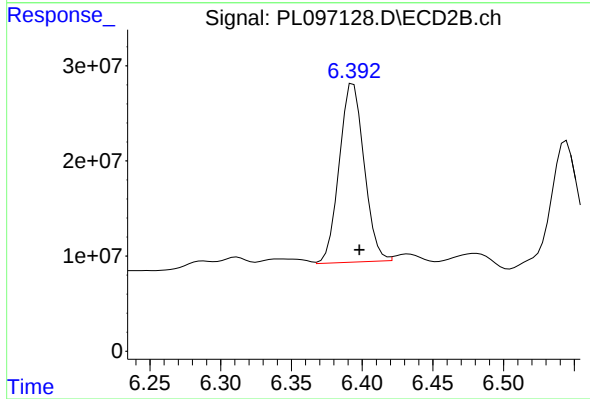
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 149843156
Conc: 43.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

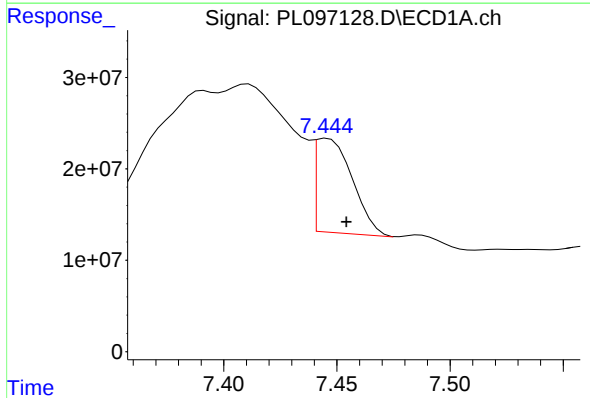
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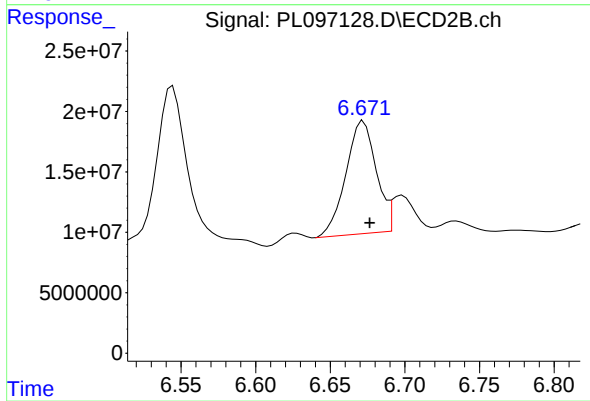
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 229683672
Conc: 40.99 ng/ml



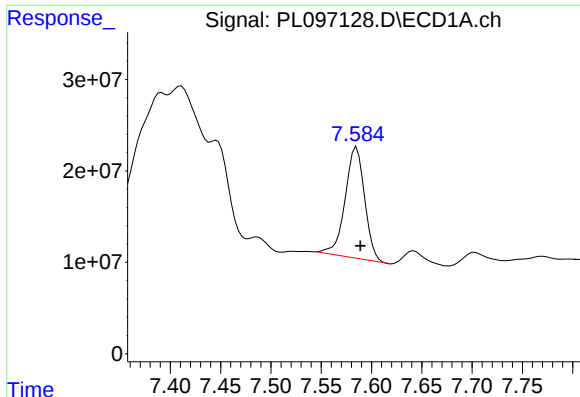
#20 Methoxychlor

R.T.: 7.444 min
Delta R.T.: -0.010 min
Response: 108860092
Conc: 62.73 ng/ml m



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 132041940
Conc: 44.02 ng/ml



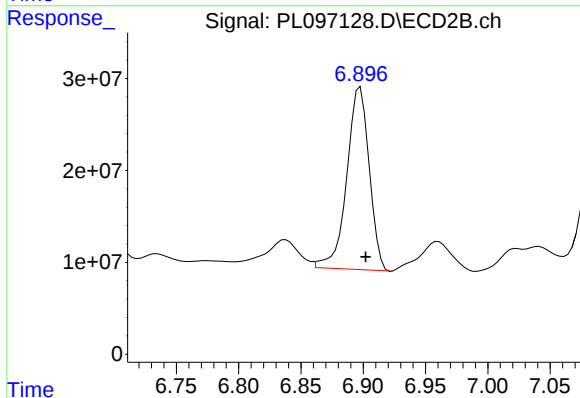
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 163901716
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

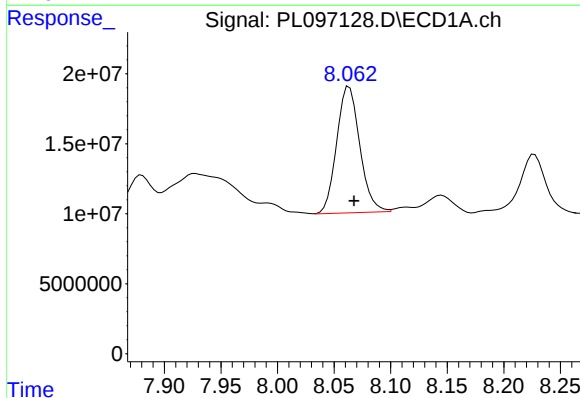
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



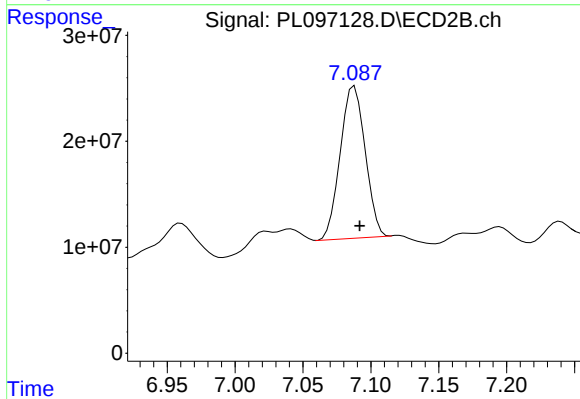
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 249973656
Conc: 39.94 ng/ml



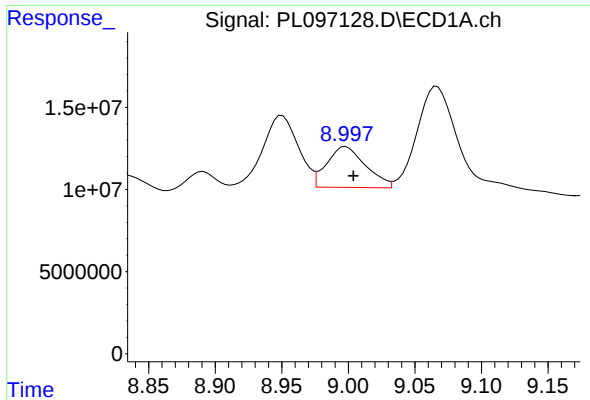
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.006 min
Response: 128242655
Conc: 42.86 ng/ml m



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 184046686
Conc: 37.90 ng/ml m



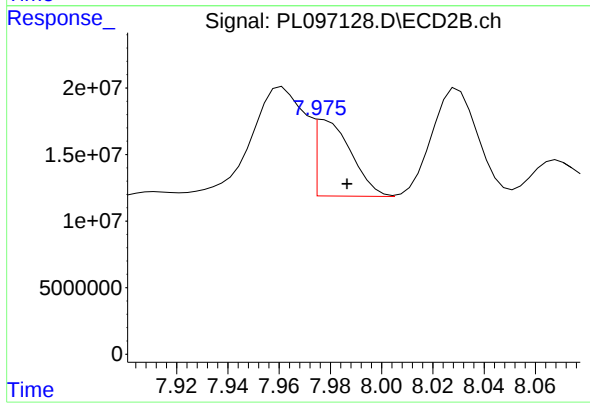
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 49974246
Conc: 16.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-258MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2025
Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 7.975 min
Delta R.T.: -0.012 min
Response: 51120964
Conc: 10.66 ng/ml m