

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092525\
 Data File : PL097373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 13:56
 Operator : AR\AJ
 Sample : Q3159-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-245MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 07:30:53 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	2.825	62806681	100.4E6	13.873m	15.272
28)	SA Decachlor...	8.998	7.983	44368868	62877423	13.559m	11.047
Target Compounds							
2)	A alpha-BHC	3.974	3.329	281.5E6	433.3E6	40.292	43.516
3)	MA gamma-BHC...	4.302	3.661	255.6E6	398.4E6	38.645	42.767
4)	MA Heptachlor	4.893	4.009	261.7E6	385.3E6	39.235	41.409
5)	MB Aldrin	5.232	4.290	255.6E6	365.5E6	40.356	42.109
6)	B beta-BHC	4.490	3.957	105.5E6	170.4E6	38.704	41.957
7)	B delta-BHC	4.733	4.189	250.6E6	383.7E6	41.292m	41.744
8)	B Heptachlo...	5.651	4.793	236.1E6	336.5E6	41.090	42.431
9)	A Endosulfan I	6.033	5.164	217.2E6	288.8E6	41.911	37.591
10)	B gamma-Chl...	5.905	5.044	238.4E6	375.7E6	42.168	43.019
11)	B alpha-Chl...	5.984	5.108	239.7E6	357.0E6	42.206m	43.013
12)	B 4,4'-DDE	6.156	5.297	189.9E6	329.8E6	39.846	42.922
13)	MA Dieldrin	6.305	5.428	218.7E6	360.4E6	39.896	44.077
14)	MA Endrin	6.531	5.703	181.3E6	356.7E6	39.291	47.494
15)	B Endosulfa...	6.745	5.994	197.5E6	297.7E6	40.161	41.876
16)	A 4,4'-DDD	6.665	5.849	172.6E6	261.1E6	45.772	40.488
17)	MA 4,4'-DDT	6.979	6.101	161.1E6	269.0E6	38.113	38.866
18)	B Endrin al...	6.873	6.172	138.7E6	226.7E6	45.005	42.465
19)	B Endosulfa...	7.107	6.395	165.7E6	279.6E6	40.590	40.814
20)	A Methoxychlor	7.451	6.673	74014042	150.3E6	35.492	39.883
21)	B Endrin ke...	7.586	6.899	175.0E6	302.7E6	41.234	40.197
22)	Mirex	8.064	7.089	136.7E6	237.1E6	38.497	39.665

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 13:56
Operator : AR\AJ
Sample : Q3159-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

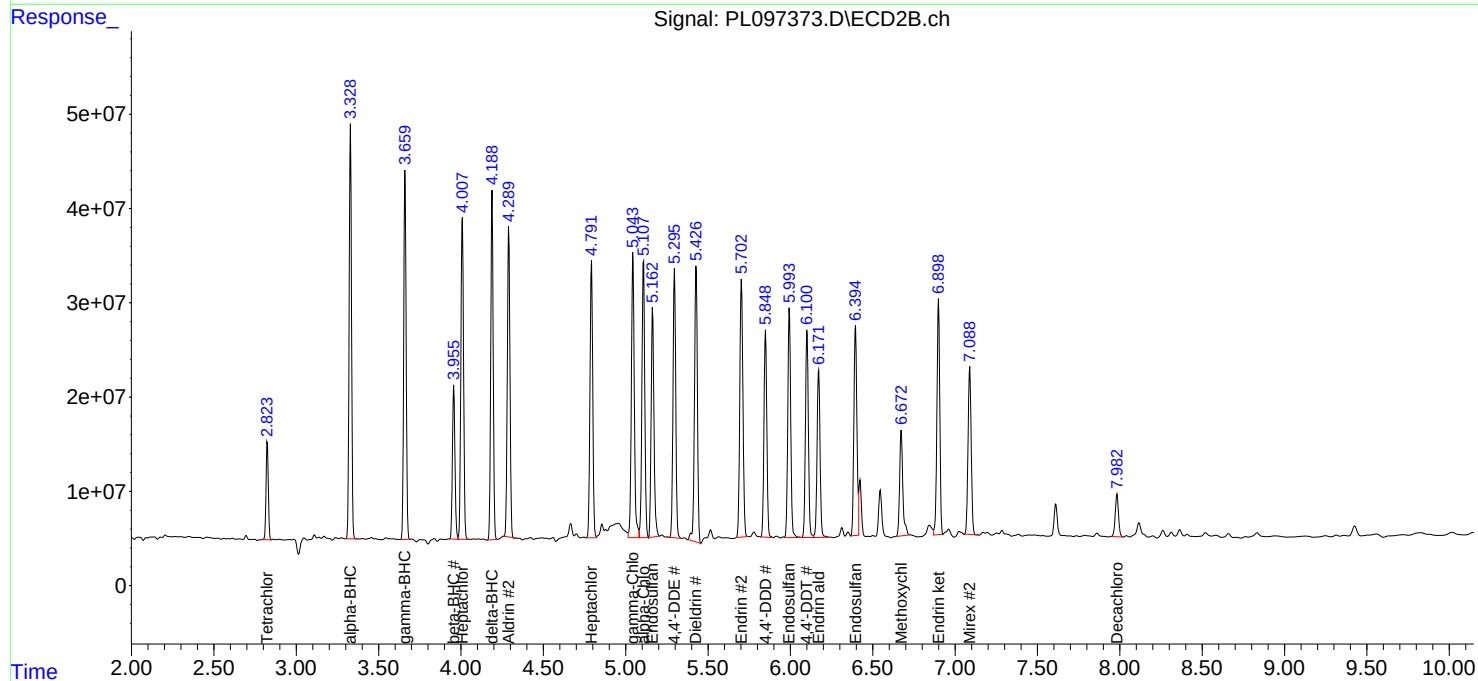
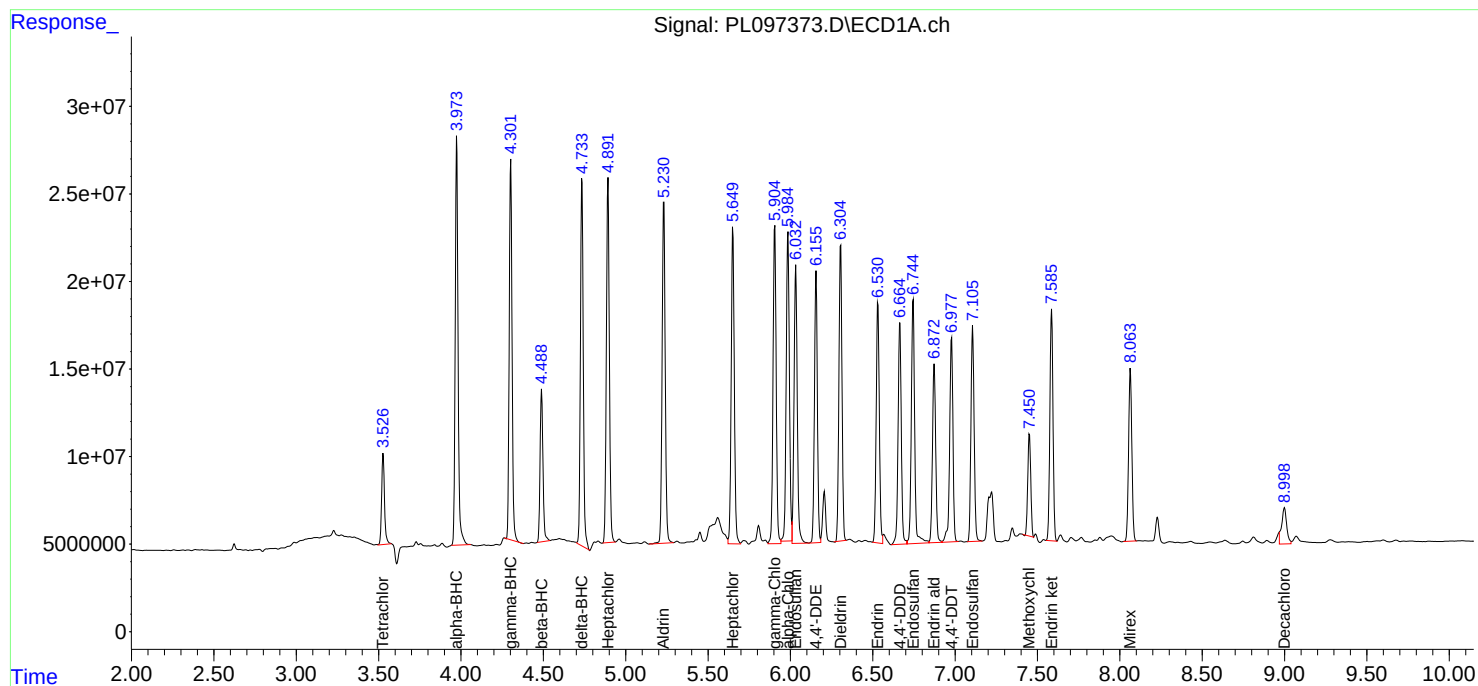
Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

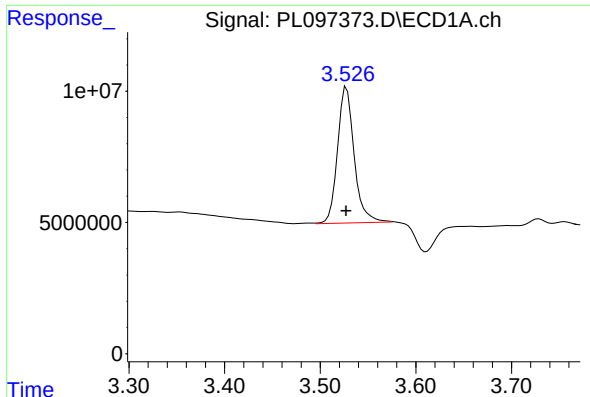
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 07:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
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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





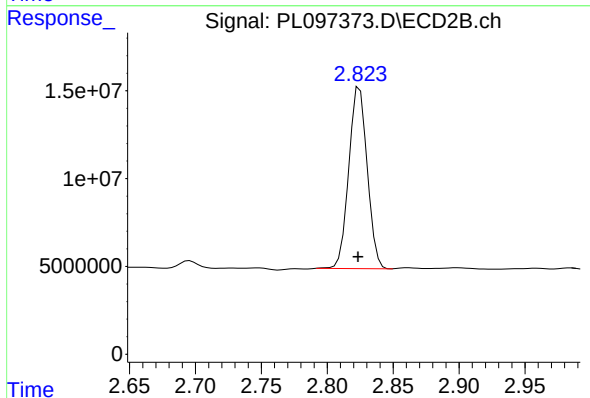
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 62806681
Conc: 13.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

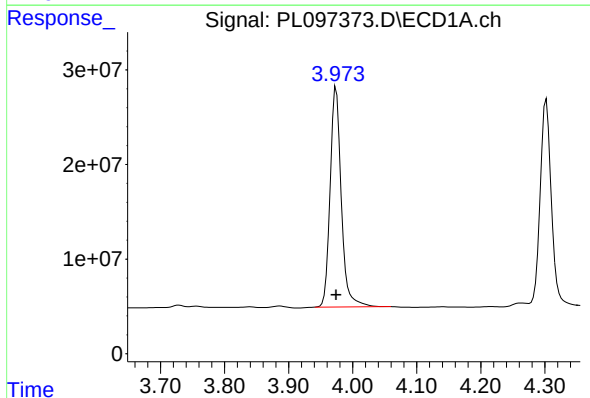
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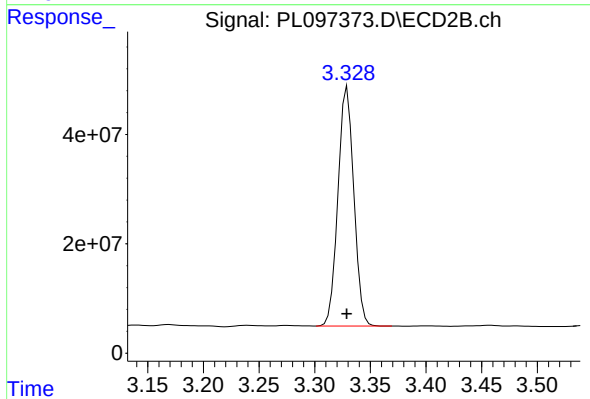
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.001 min
Response: 100424077
Conc: 15.27 ng/ml



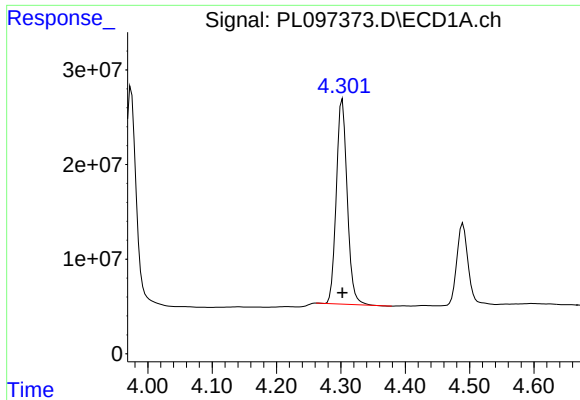
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 281534806
Conc: 40.29 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 433316379
Conc: 43.52 ng/ml



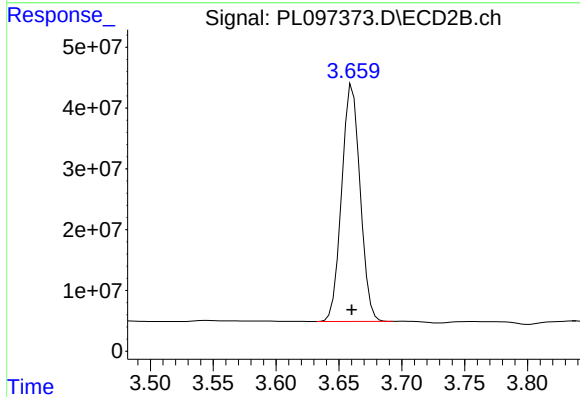
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 255561758
Conc: 38.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

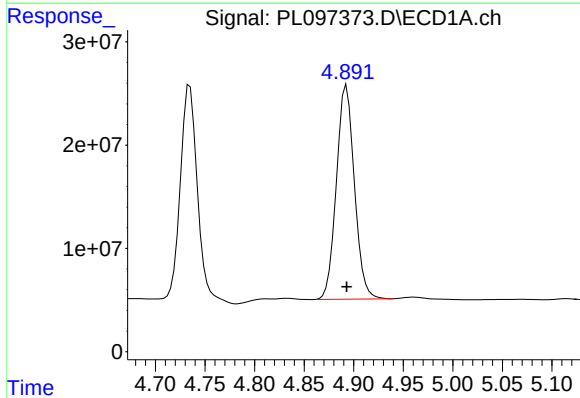
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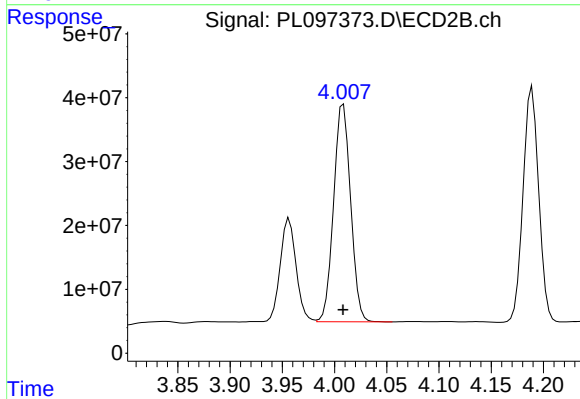
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 398362141
Conc: 42.77 ng/ml



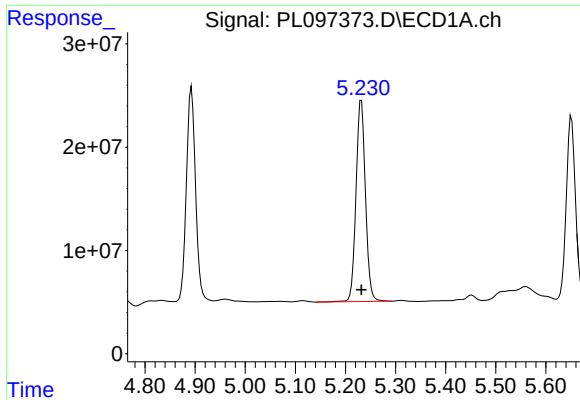
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 261701804
Conc: 39.24 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 385313963
Conc: 41.41 ng/ml



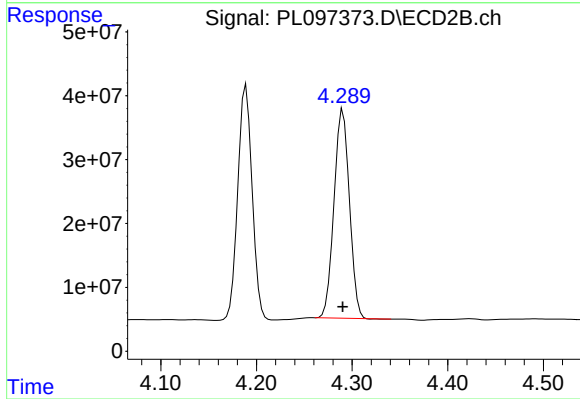
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 255607397
Conc: 40.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

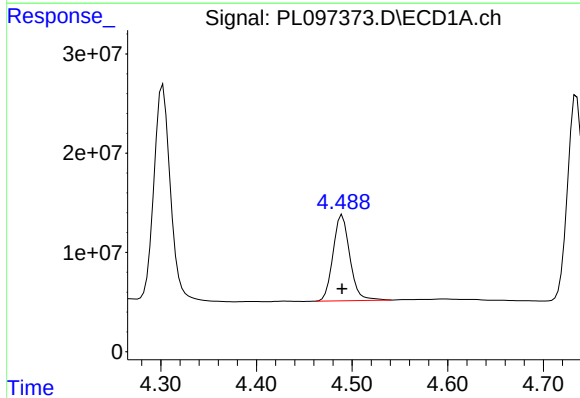
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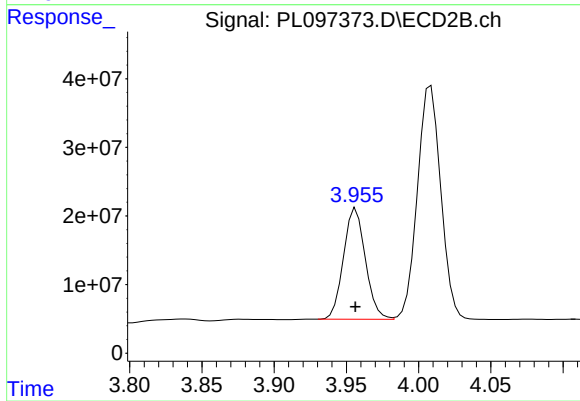
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 365479050
Conc: 42.11 ng/ml



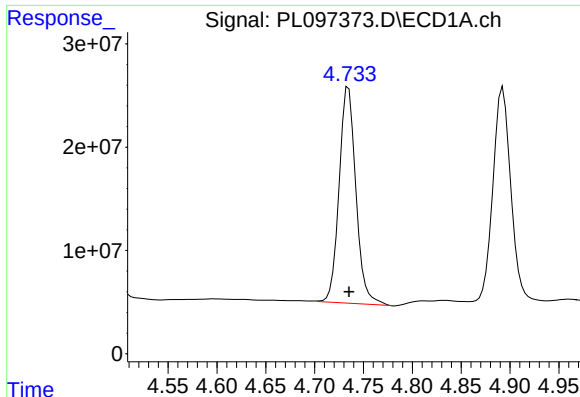
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 105513243
Conc: 38.70 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 170430208
Conc: 41.96 ng/ml



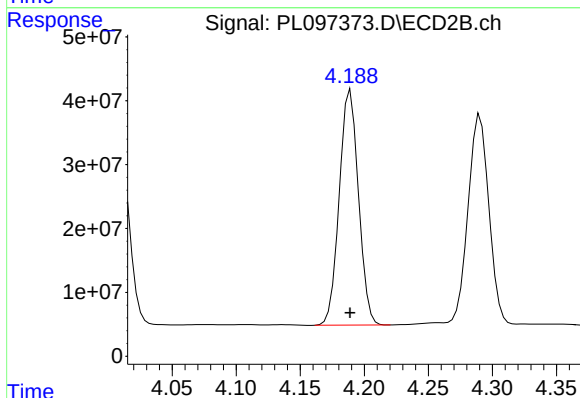
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 250573434
Conc: 41.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

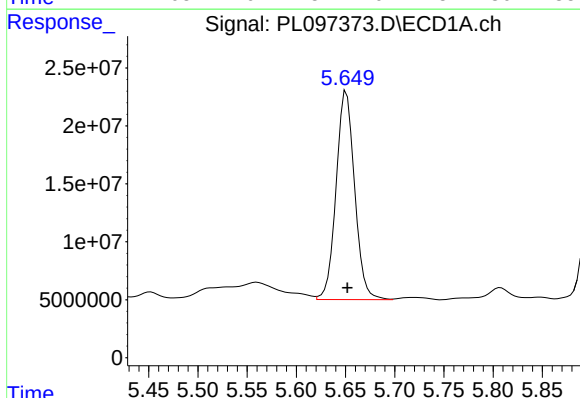
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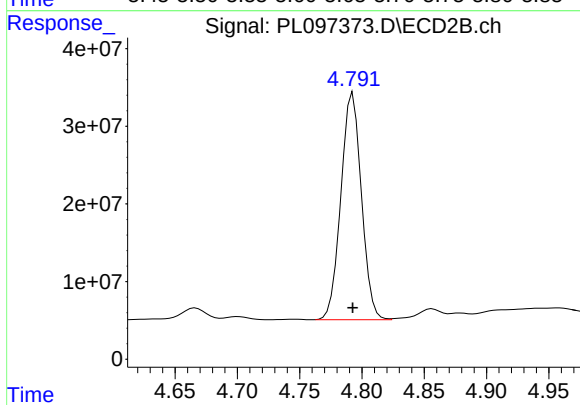
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 383724502
Conc: 41.74 ng/ml



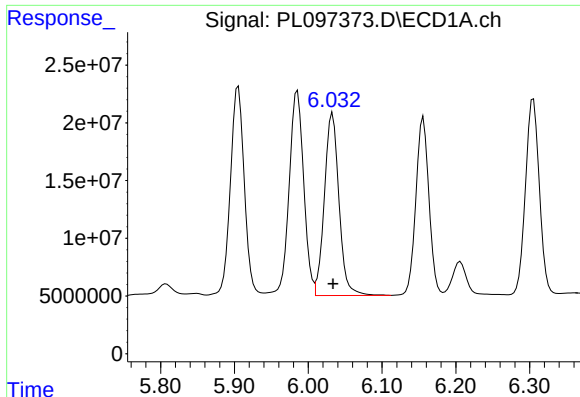
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 236140479
Conc: 41.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 336543062
Conc: 42.43 ng/ml



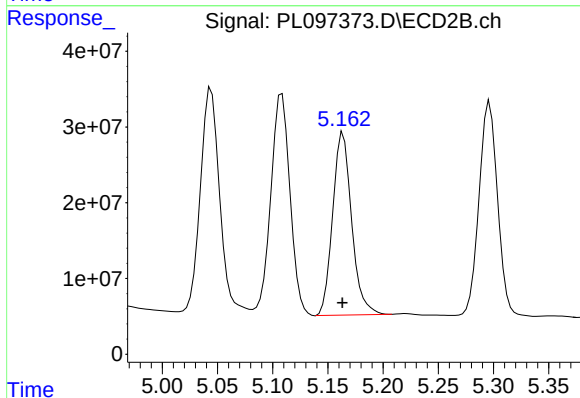
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 217156229
Conc: 41.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

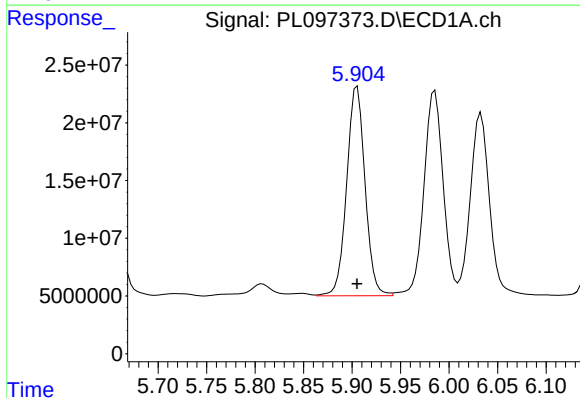
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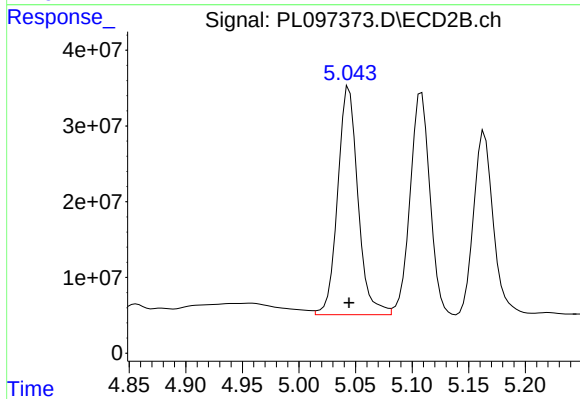
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 288834354
Conc: 37.59 ng/ml



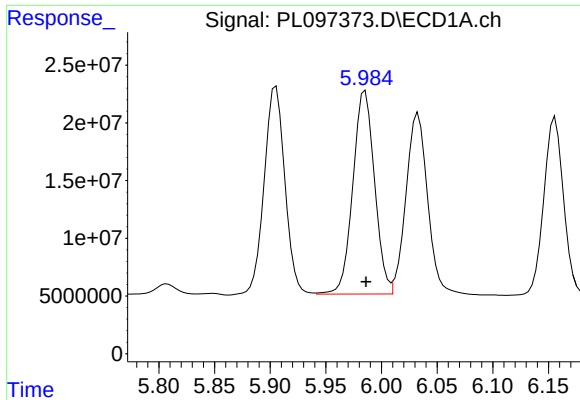
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 238398828
Conc: 42.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 375720976
Conc: 43.02 ng/ml



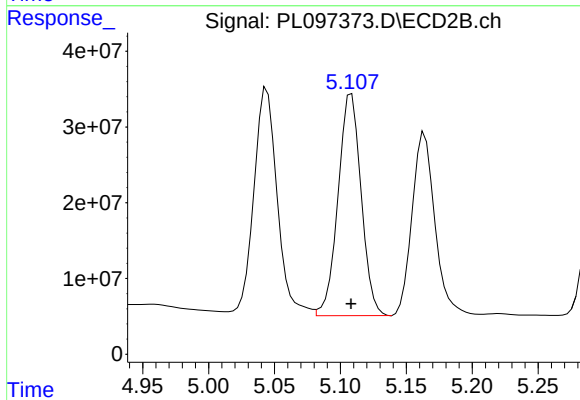
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 239726505
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

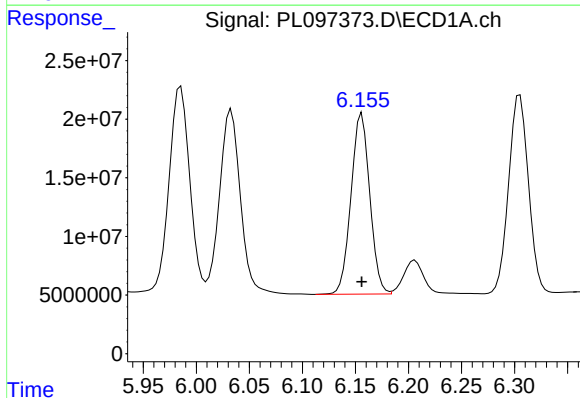
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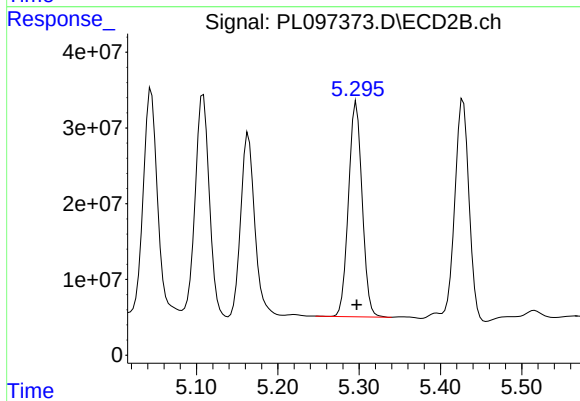
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 357029986
Conc: 43.01 ng/ml



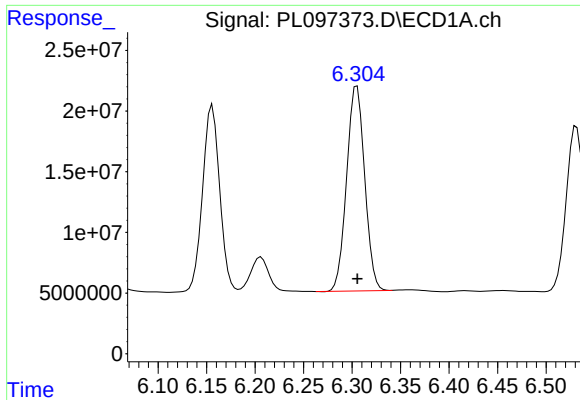
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 189856914
Conc: 39.85 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 329845717
Conc: 42.92 ng/ml



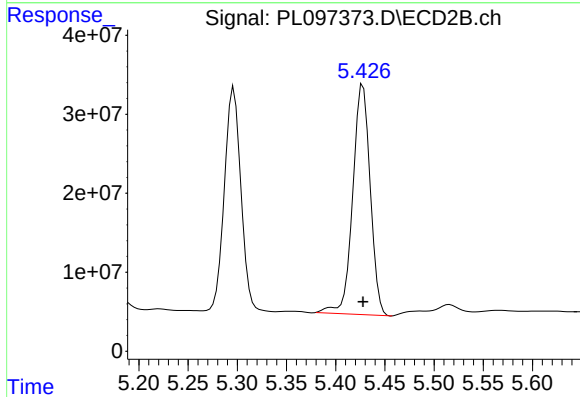
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 218718186
Conc: 39.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

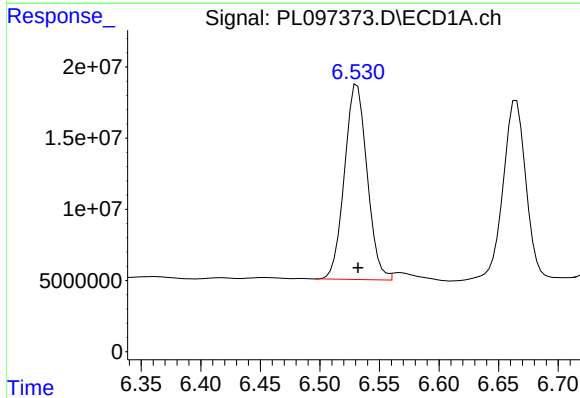
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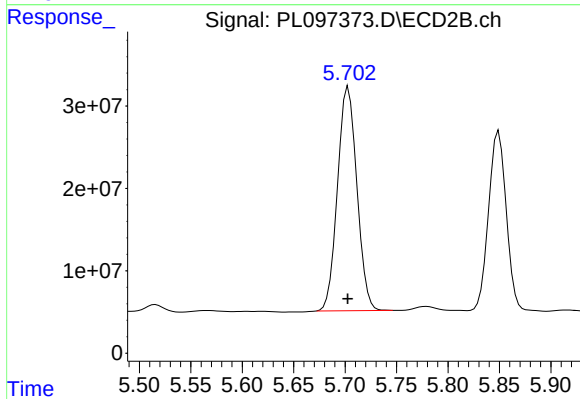
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 360410175
Conc: 44.08 ng/ml



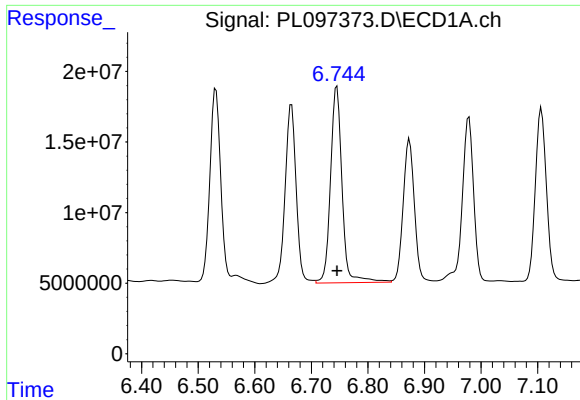
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 181254018
Conc: 39.29 ng/ml



#14 Endrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 356707370
Conc: 47.49 ng/ml



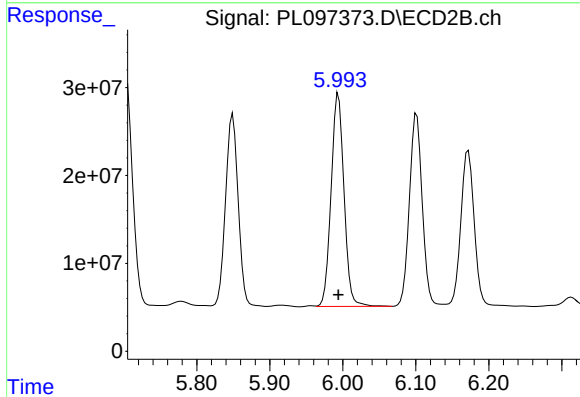
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 197523943
Conc: 40.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

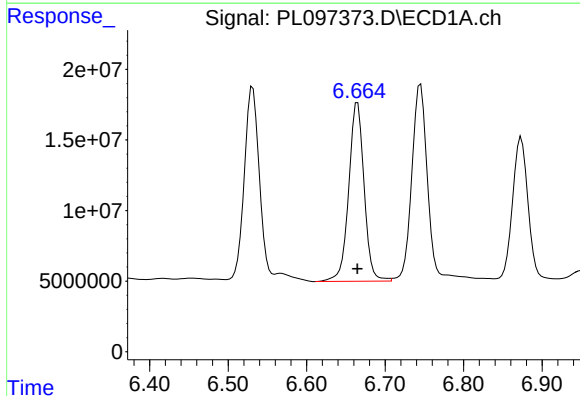
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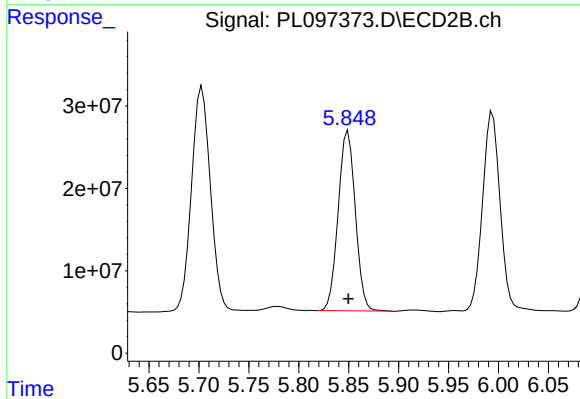
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 297705424
Conc: 41.88 ng/ml



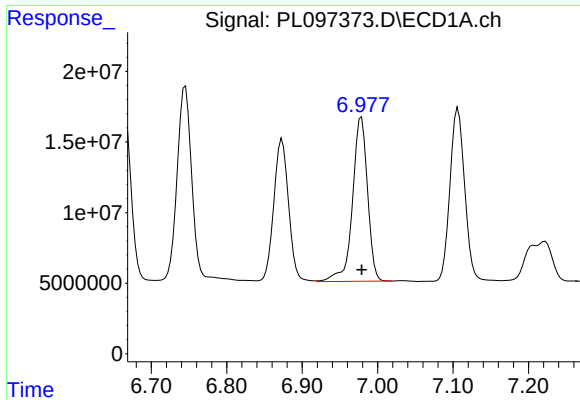
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 172585683
Conc: 45.77 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 261112664
Conc: 40.49 ng/ml



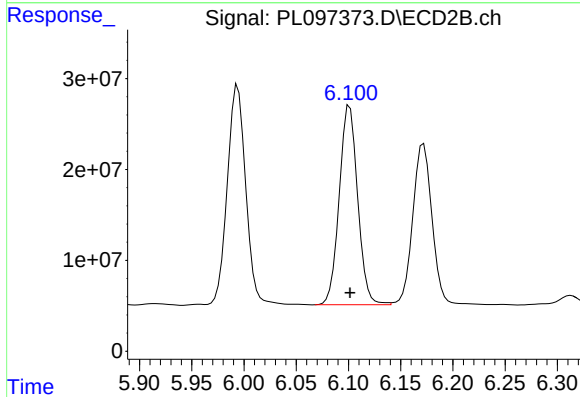
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 161112464
Conc: 38.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

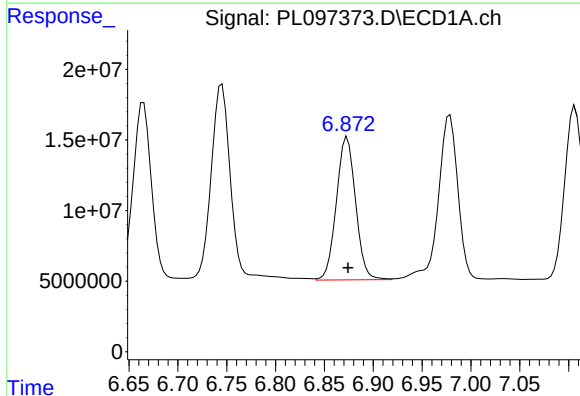
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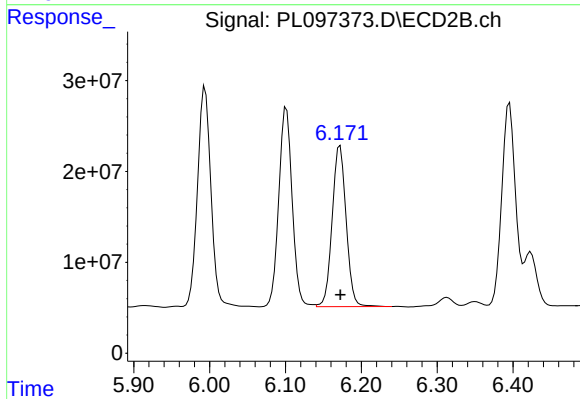
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 268970318
Conc: 38.87 ng/ml



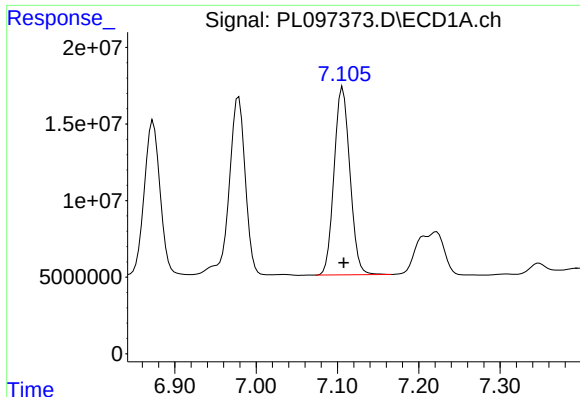
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 138743397
Conc: 45.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 226650349
Conc: 42.46 ng/ml



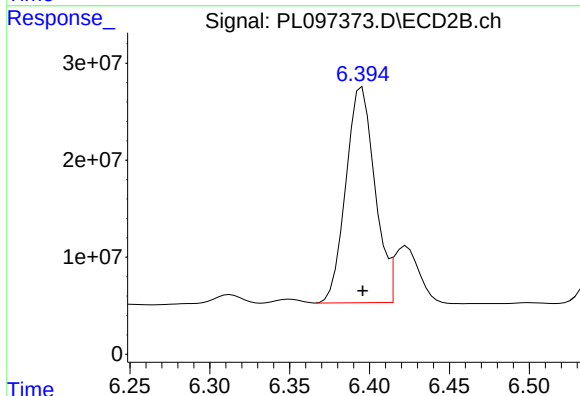
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.001 min
Response: 165719242
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

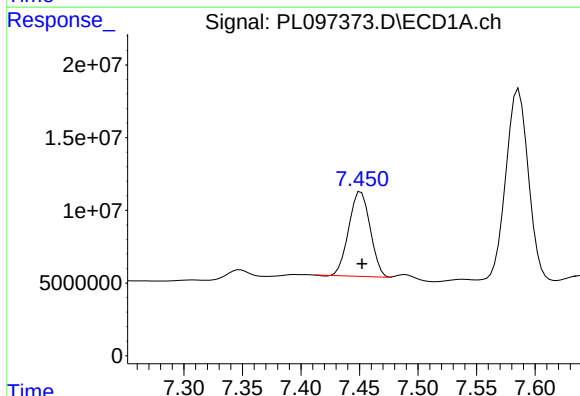
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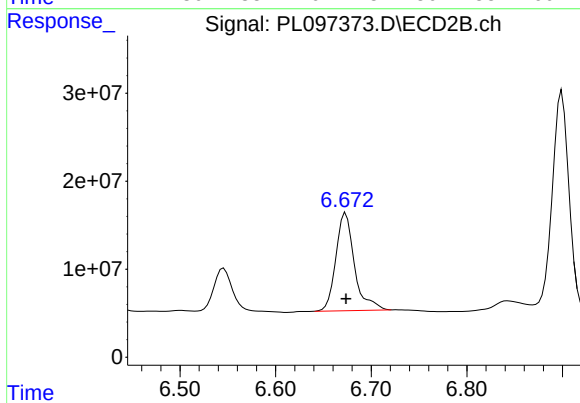
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 279565404
Conc: 40.81 ng/ml



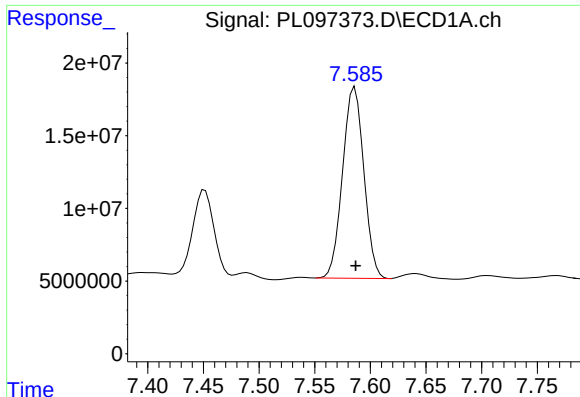
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 74014042
Conc: 35.49 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 150336971
Conc: 39.88 ng/ml



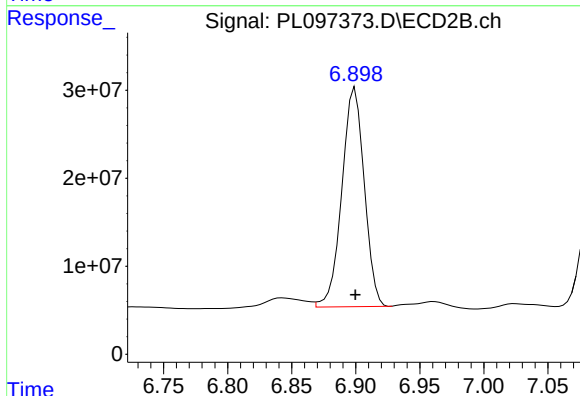
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 175013667
Conc: 41.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

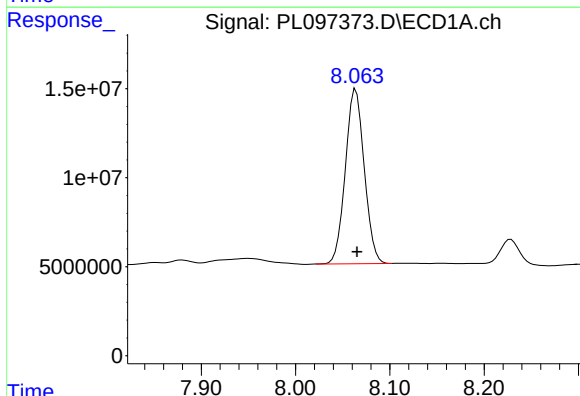
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



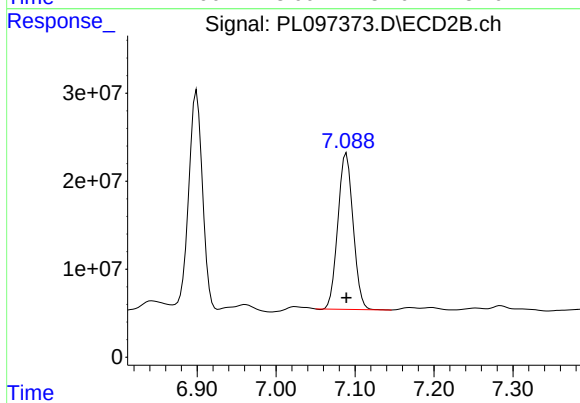
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 302698011
Conc: 40.20 ng/ml



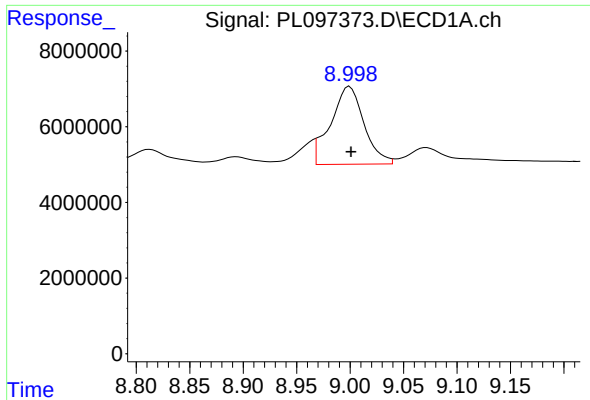
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 136676129
Conc: 38.50 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 237145896
Conc: 39.67 ng/ml



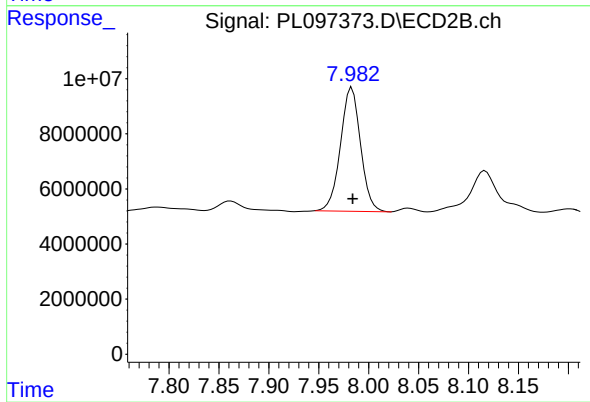
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.003 min
Response: 44368868
Conc: 13.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-245MSD

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#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 62877423
Conc: 11.05 ng/ml