

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088922.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 15:27
 Operator : AR\AJ
 Sample : Q2280-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-210MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:40:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.879	43549073	247.5E6	20.127	16.365
28)	SA Decachlor...	9.070	8.070	50556158	277.2E6	14.772m	15.182m
Target Compounds							
2)	A alpha-BHC	3.997	3.392	242.7E6	1148.0E6	50.815	48.026
3)	MA gamma-BHC...	4.328	3.728	244.0E6	1051.7E6	53.020	47.449
4)	MA Heptachlor	4.927	4.082	222.3E6	1055.5E6	49.722	47.004
5)	MB Aldrin	5.269	4.368	222.1E6	1024.6E6	50.543	46.720
6)	B beta-BHC	4.514	4.024	81912028	497.7E6	45.427	51.086
7)	B delta-BHC	4.762	4.261	231.2E6	1062.5E6	54.717	47.659
8)	B Heptachlo...	5.688	4.872	193.4E6	936.7E6	48.736m	47.138
9)	A Endosulfan I	6.072	5.247	193.0E6	823.7E6	51.296	43.404
10)	B gamma-Chl...	5.944	5.125	216.0E6	1071.7E6	54.159	50.239
11)	B alpha-Chl...	6.026	5.189	257.6E6	1082.1E6	64.292	52.468
12)	B 4,4'-DDE	6.194	5.374	178.2E6	989.3E6	49.650	47.331
13)	MA Dieldrin	6.345	5.511	195.0E6	1010.2E6	48.608	48.006m
14)	MA Endrin	6.572	5.788	160.1E6	933.0E6	46.869	48.380
15)	B Endosulfa...	6.784	6.080	171.4E6	837.1E6	49.784	45.687
16)	A 4,4'-DDD	6.701	5.927	170.9E6	643.7E6	61.368m	37.009m#
17)	MA 4,4'-DDT	7.019	6.182	167.7E6	881.5E6	53.715	48.600
18)	B Endrin al...	6.913	6.257	125.7E6	607.4E6	48.817	43.608
19)	B Endosulfa...	7.147	6.481	153.1E6	770.2E6	47.799	43.379
20)	A Methoxychlor	7.491	6.753	89795123	357.7E6	53.752m	37.360 #
21)	B Endrin ke...	7.628	6.990	162.5E6	775.3E6	47.457	40.071
22)	Mirex	8.110	7.184	123.5E6	610.2E6	47.537m	40.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:27
Operator : AR\AJ
Sample : Q2280-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

VNJ-210MSD

Manual Integrations

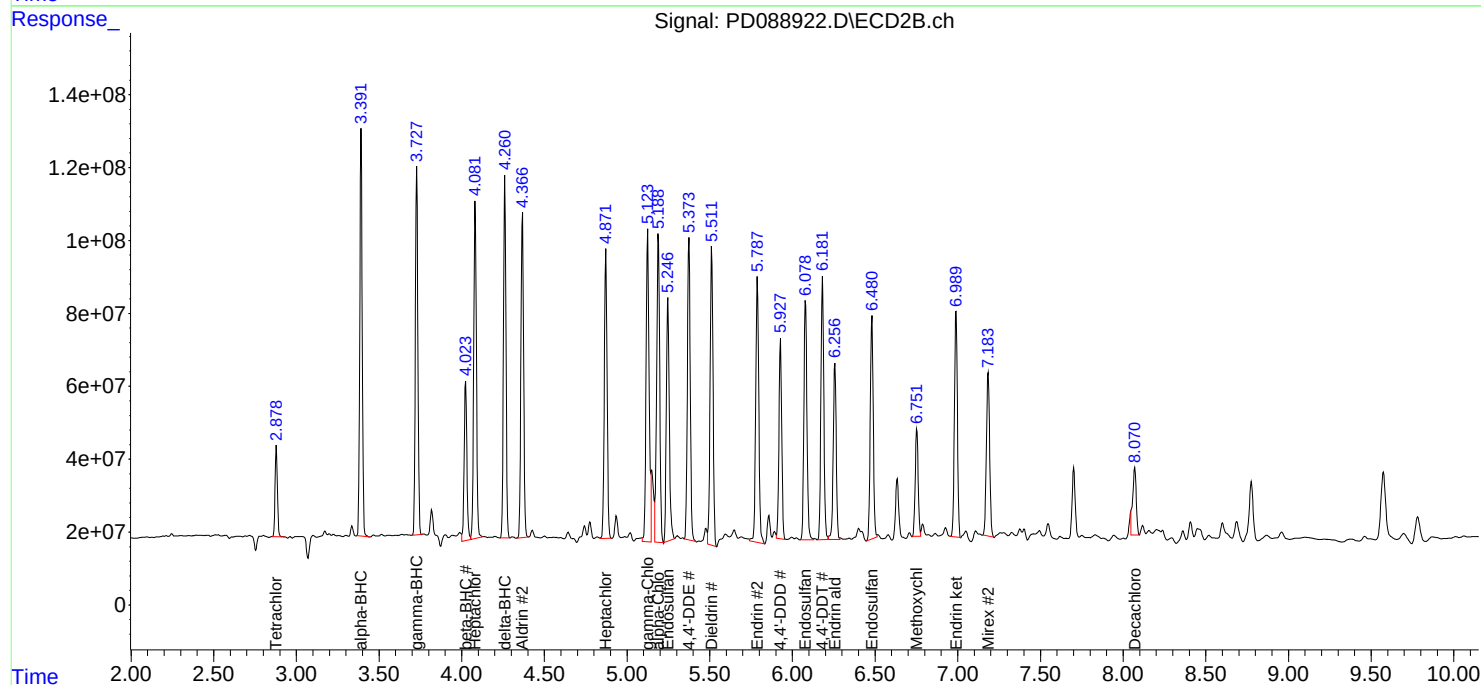
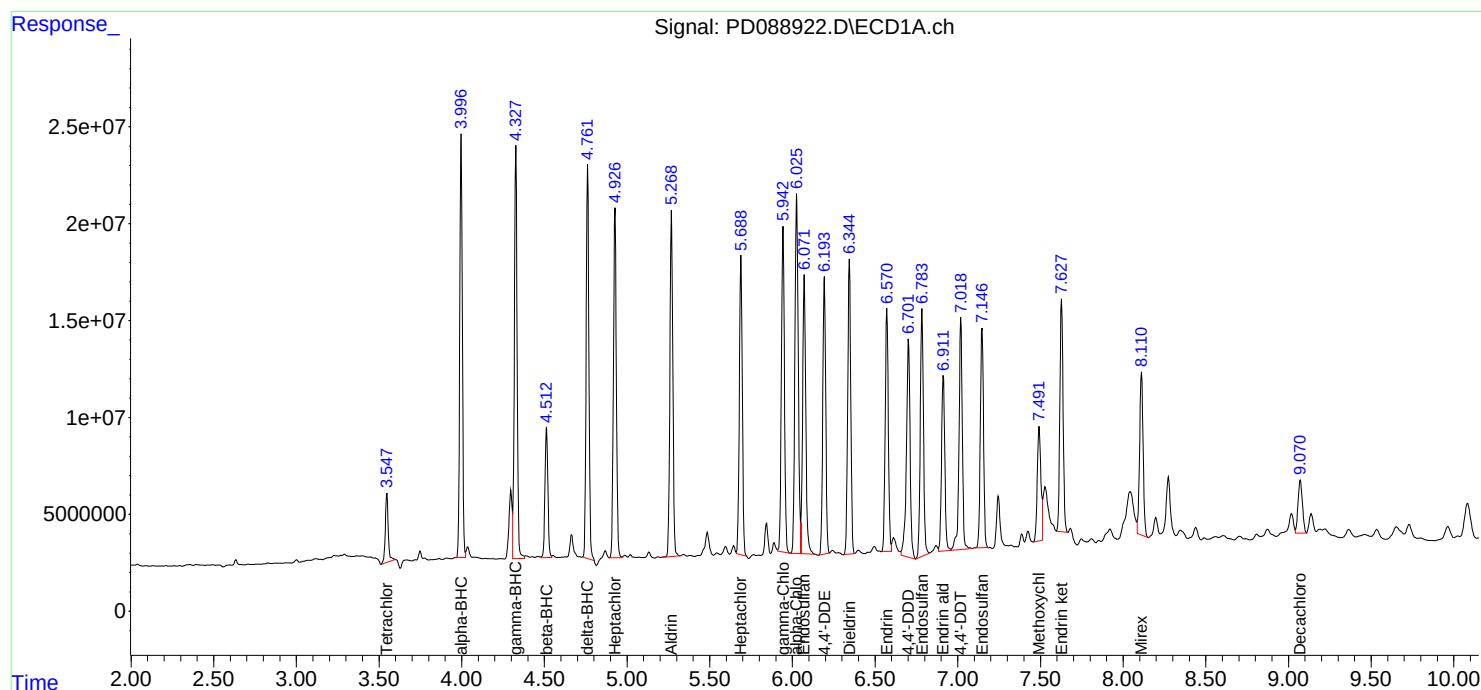
APPROVED

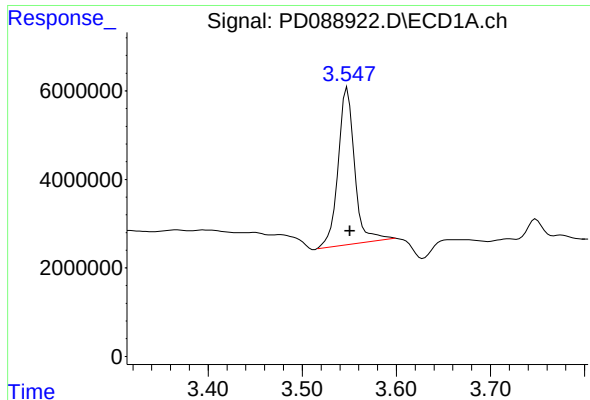
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:40:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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 x 0.25µm





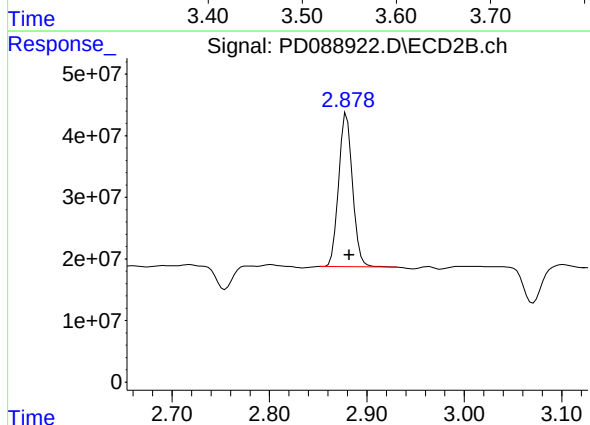
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 43549073
Conc: 20.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

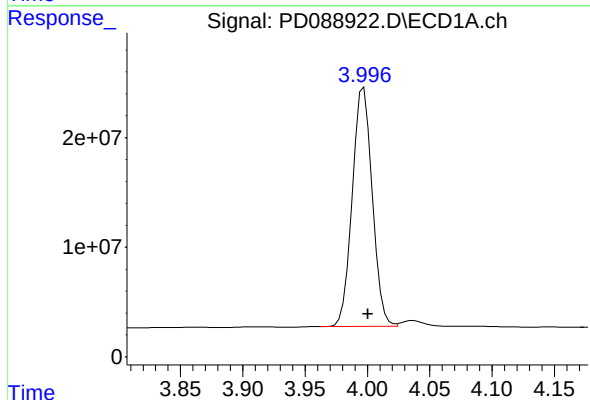
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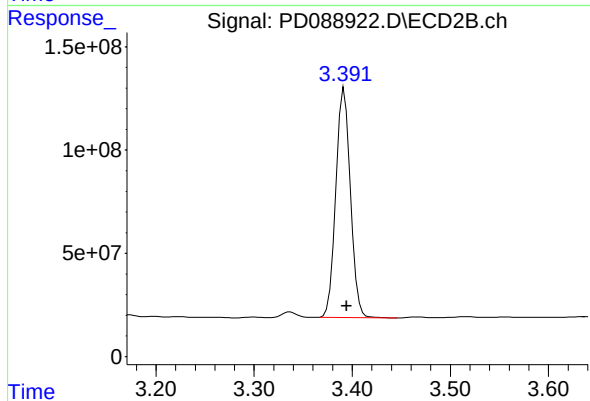
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 247547485
Conc: 16.36 ng/ml



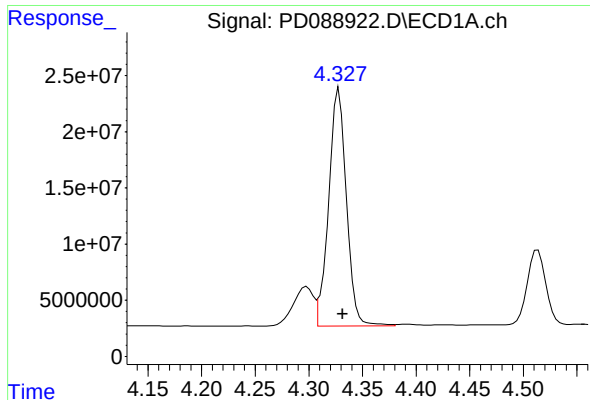
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 242722730
Conc: 50.82 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1148008809
Conc: 48.03 ng/ml



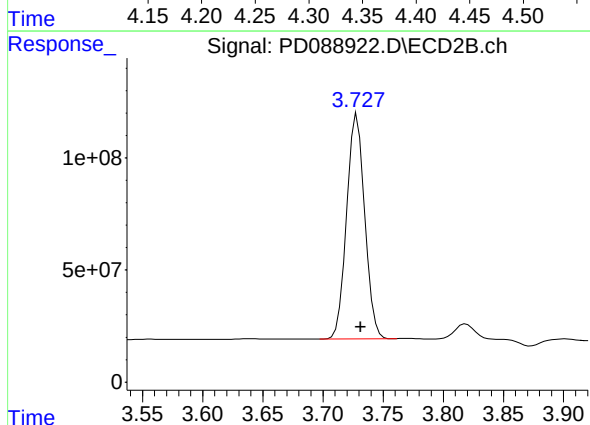
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 244035695
Conc: 53.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

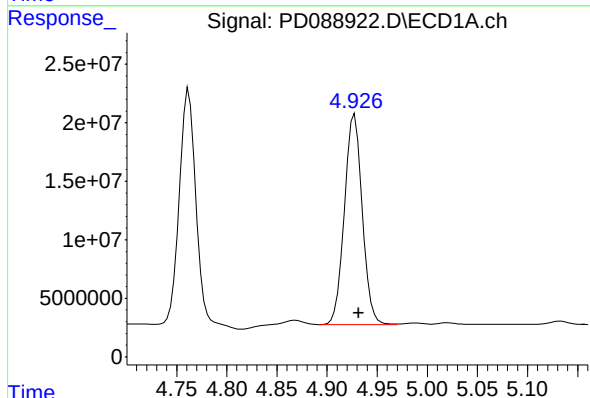
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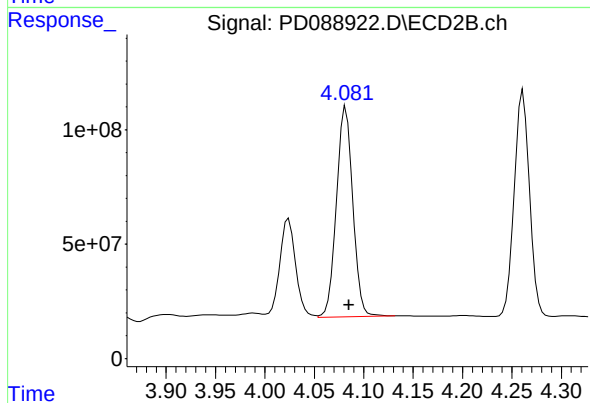
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1051736729
Conc: 47.45 ng/ml



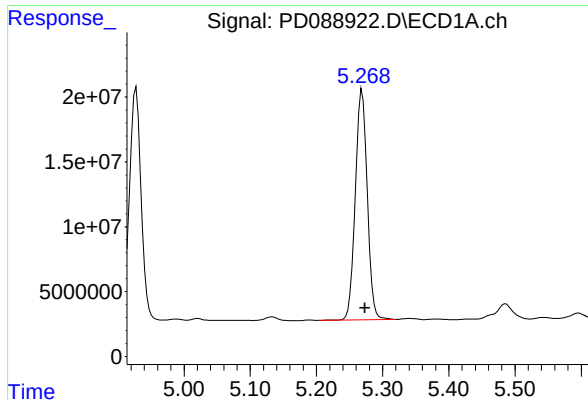
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 222319809
Conc: 49.72 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1055463926
Conc: 47.00 ng/ml



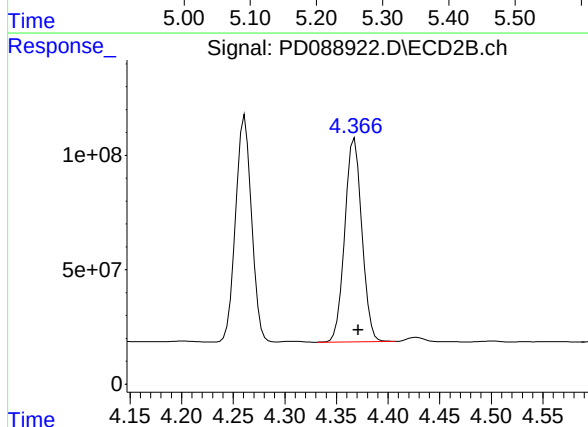
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.004 min
Response: 222113523
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

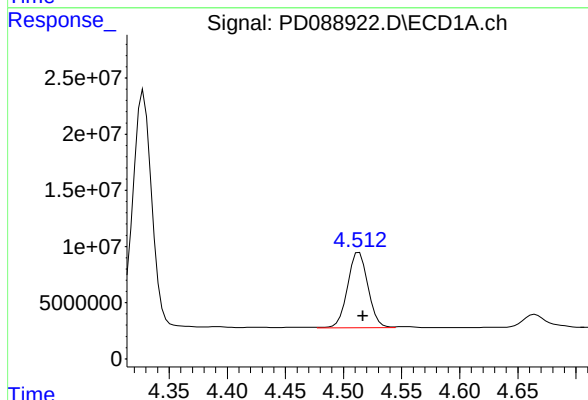
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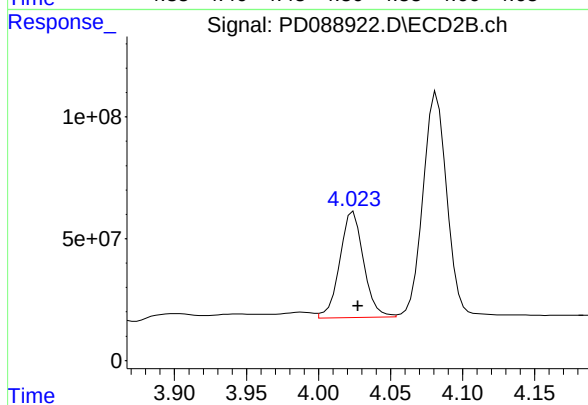
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.004 min
Response: 1024560374
Conc: 46.72 ng/ml



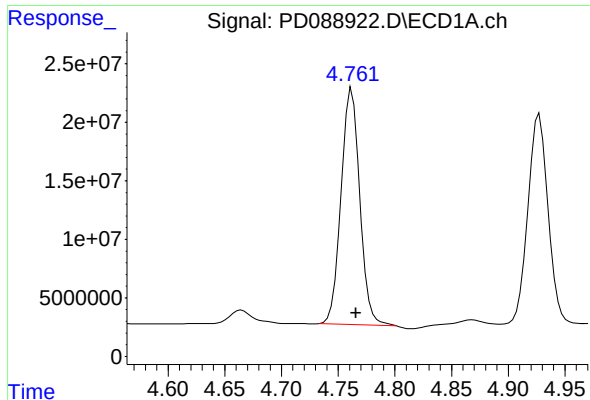
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 81912028
Conc: 45.43 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 497678611
Conc: 51.09 ng/ml



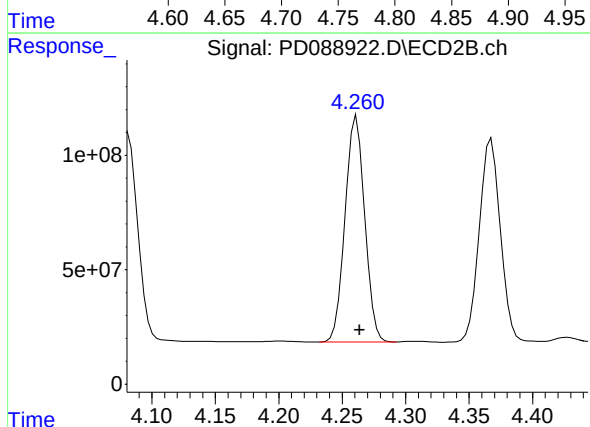
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 231243486
Conc: 54.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

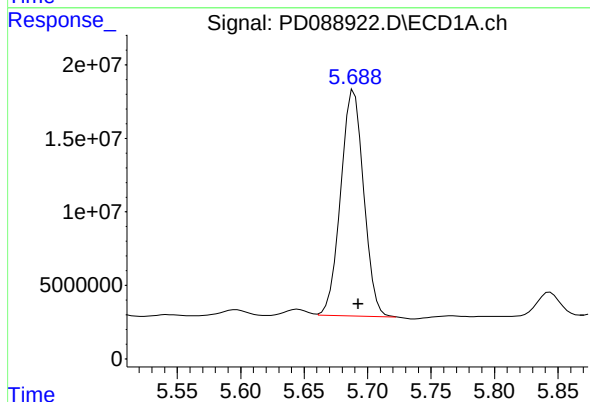
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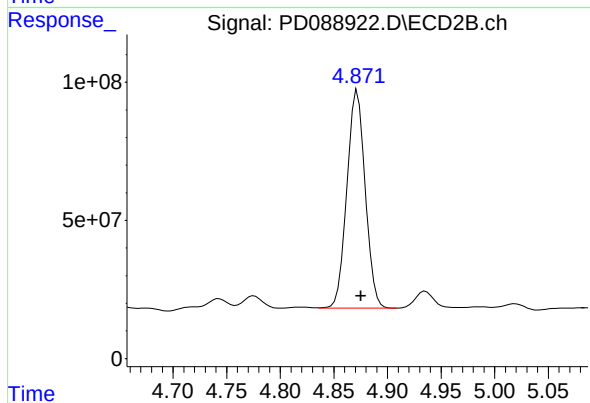
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 1062509227
Conc: 47.66 ng/ml



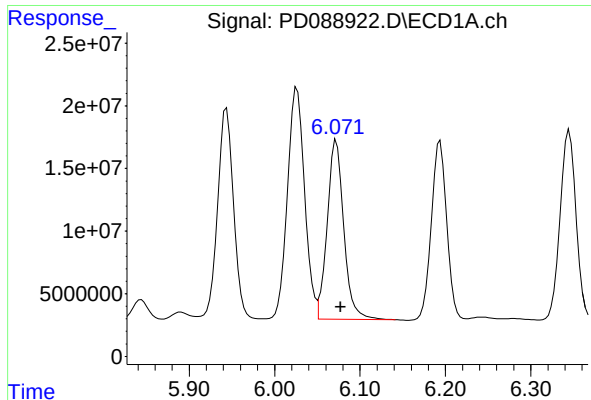
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 193446671
Conc: 48.74 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 936696778
Conc: 47.14 ng/ml



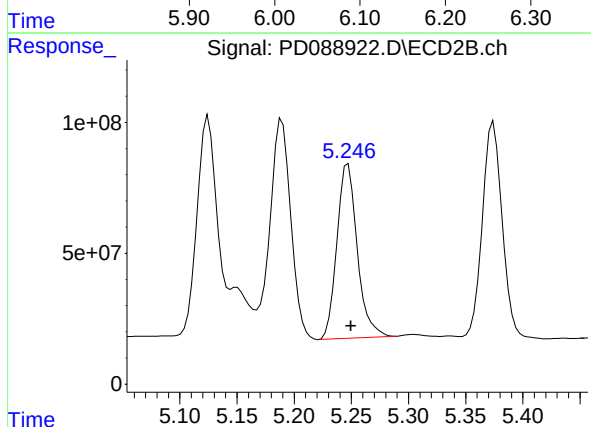
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 193021592
Conc: 51.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

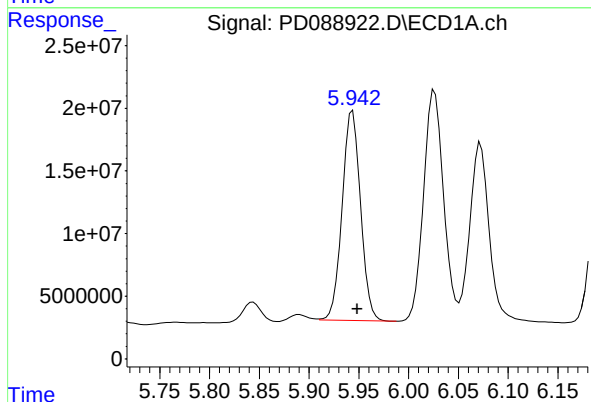
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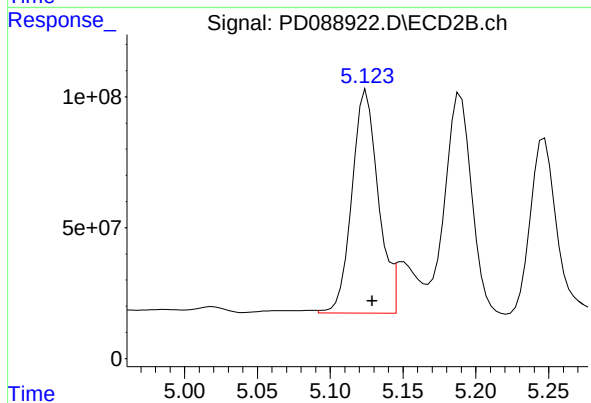
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 823733388
Conc: 43.40 ng/ml



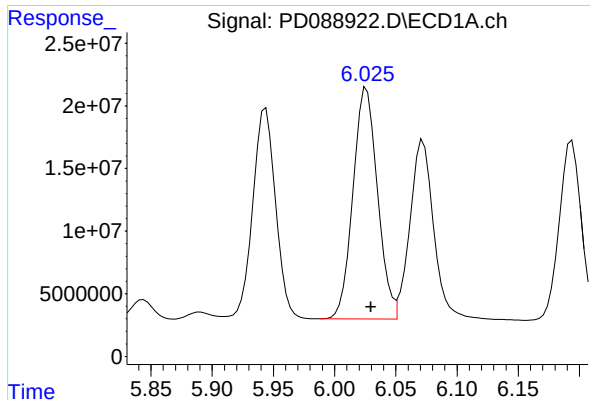
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 216038790
Conc: 54.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1071689065
Conc: 50.24 ng/ml



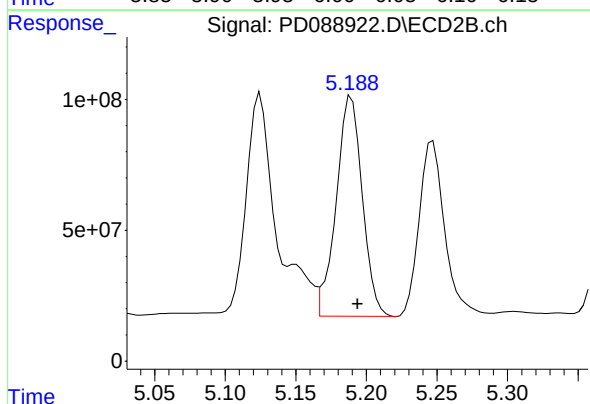
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 257570081
Conc: 64.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

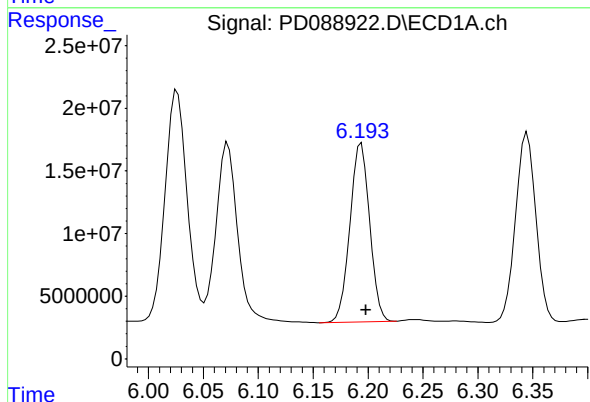
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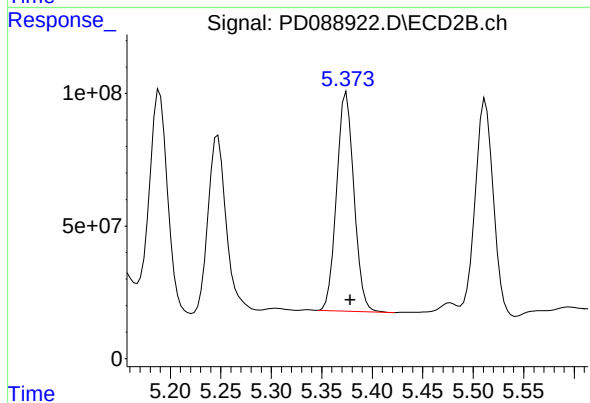
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 1082133035
Conc: 52.47 ng/ml



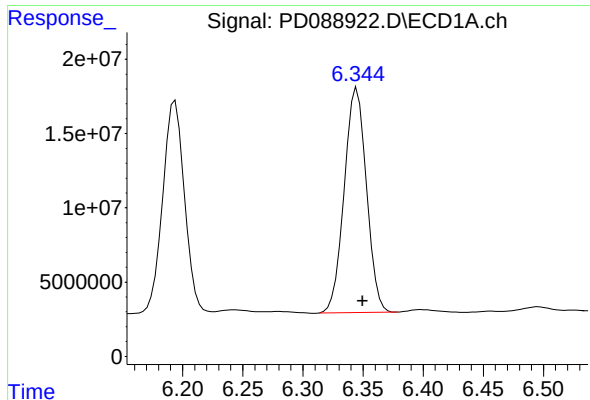
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 178213532
Conc: 49.65 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 989338161
Conc: 47.33 ng/ml



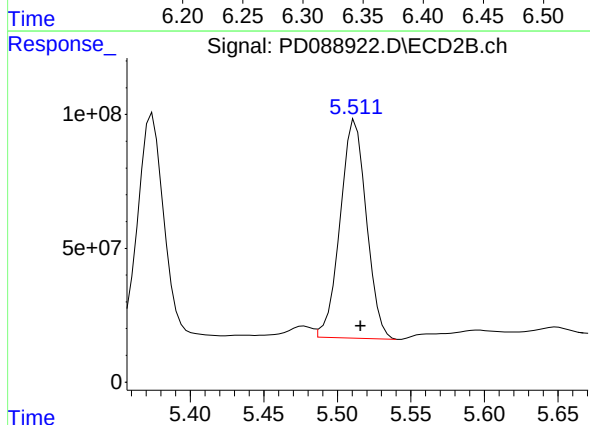
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.005 min
Response: 19500096
Conc: 48.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

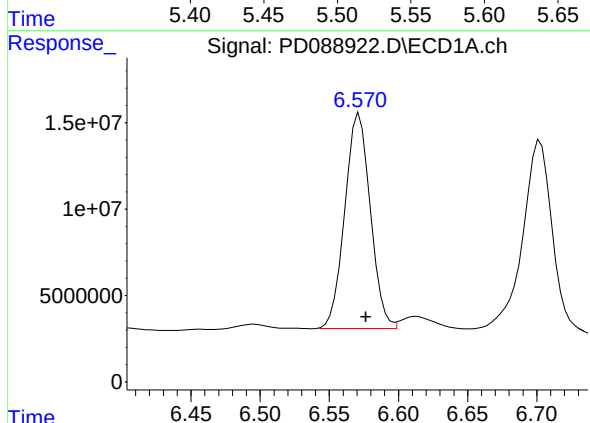
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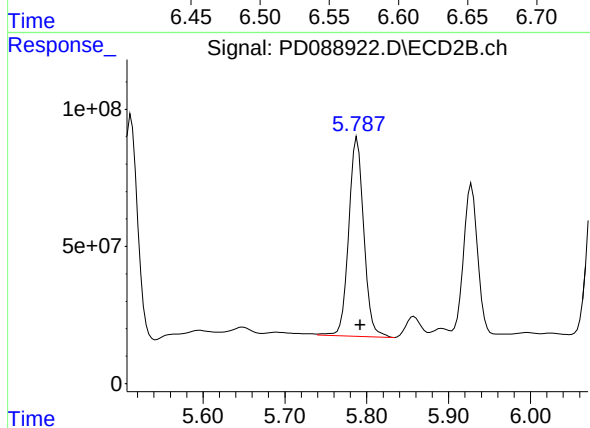
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 1010239045
Conc: 48.01 ng/ml



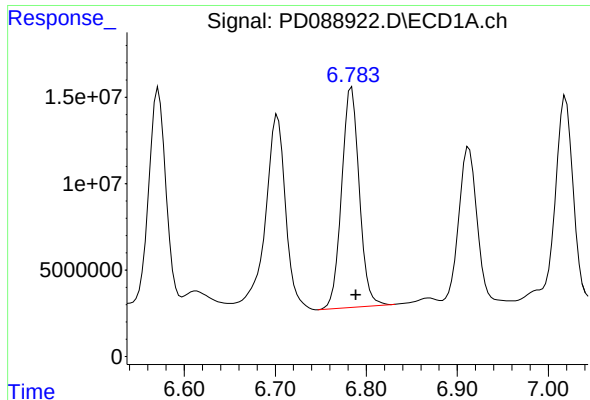
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.005 min
Response: 160066241
Conc: 46.87 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 932965323
Conc: 48.38 ng/ml



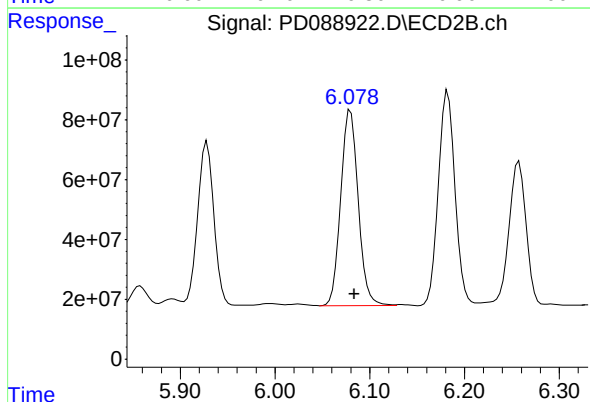
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: -0.005 min
Response: 171435100
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

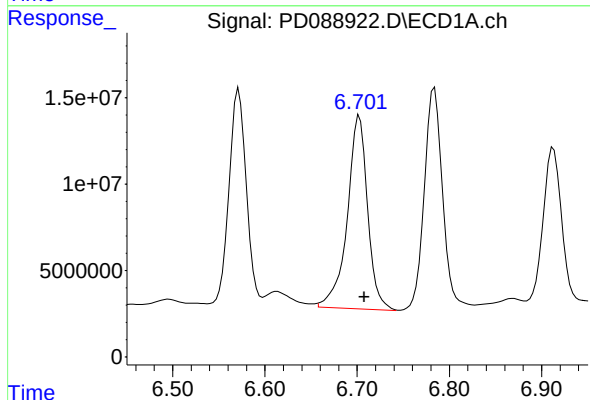
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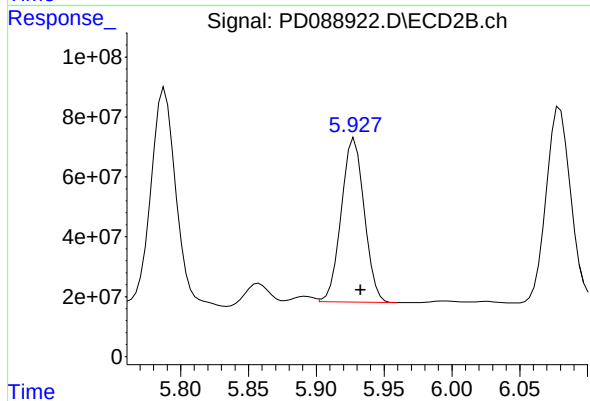
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 837061988
Conc: 45.69 ng/ml



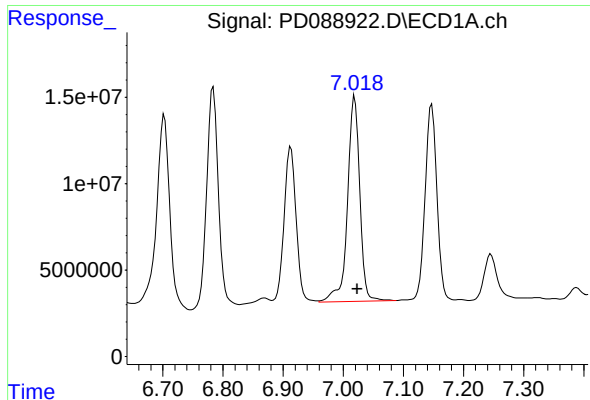
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.006 min
Response: 170915403
Conc: 61.37 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: -0.006 min
Response: 643668909
Conc: 37.01 ng/ml m



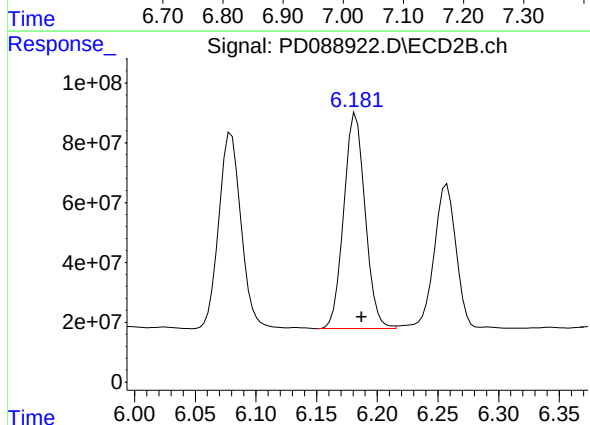
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 167701032
Conc: 53.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

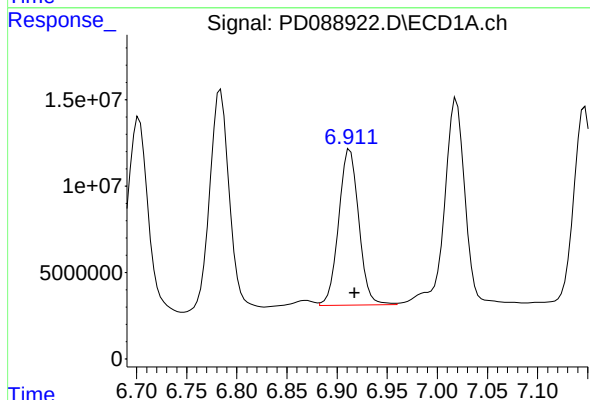
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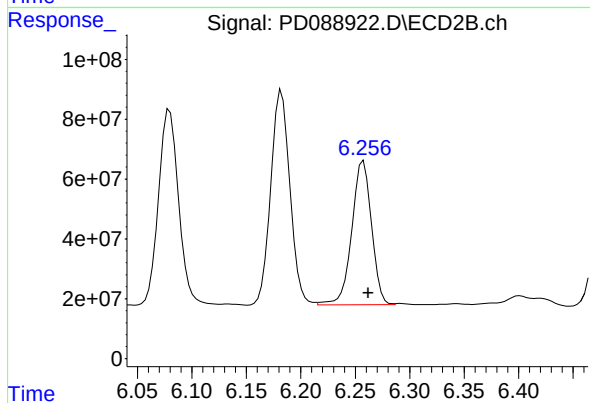
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 881471492
Conc: 48.60 ng/ml



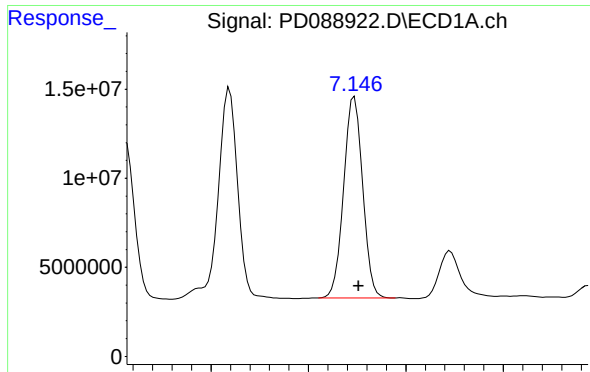
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.005 min
Response: 125685041
Conc: 48.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 607408603
Conc: 43.61 ng/ml



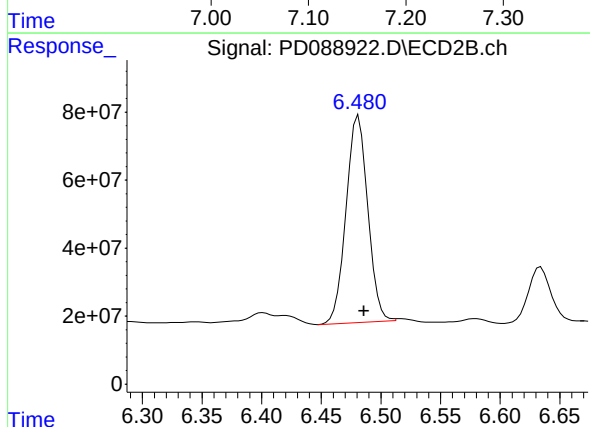
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.004 min
Response: 153102522
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

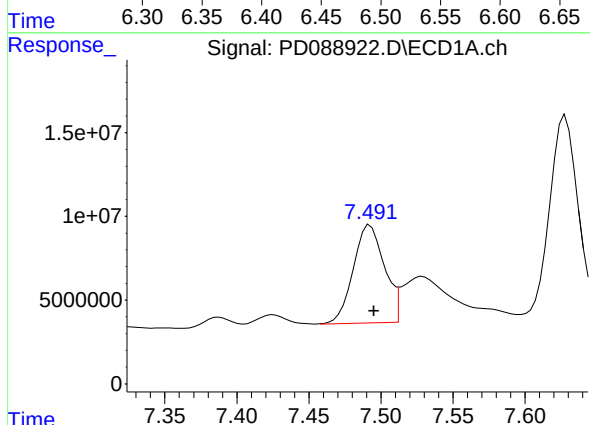
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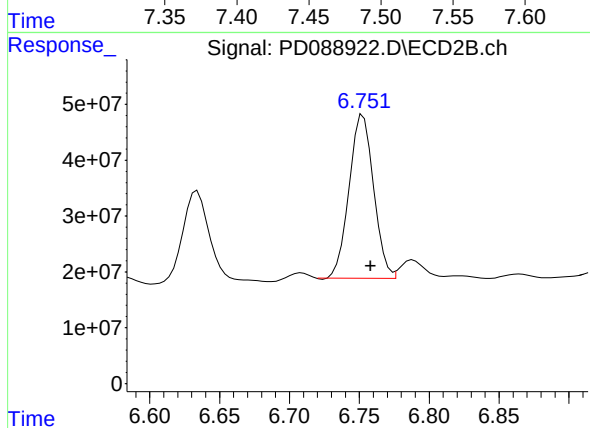
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 770239907
Conc: 43.38 ng/ml



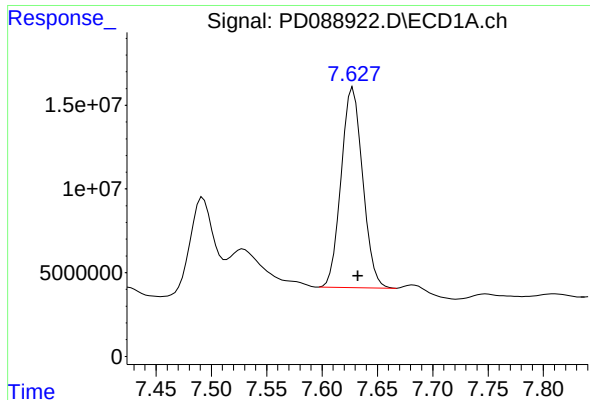
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 89795123
Conc: 53.75 ng/ml m



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 357711969
Conc: 37.36 ng/ml



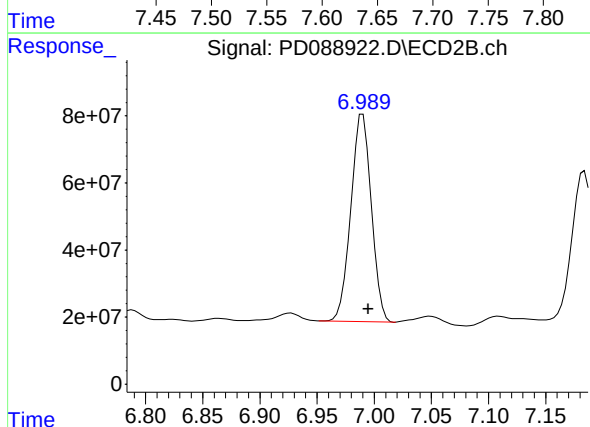
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 162452294
Conc: 47.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

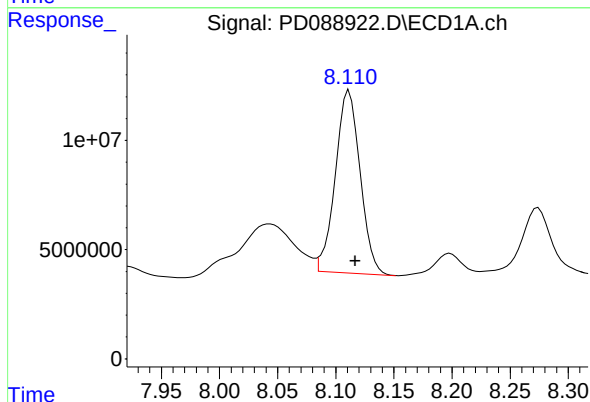
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



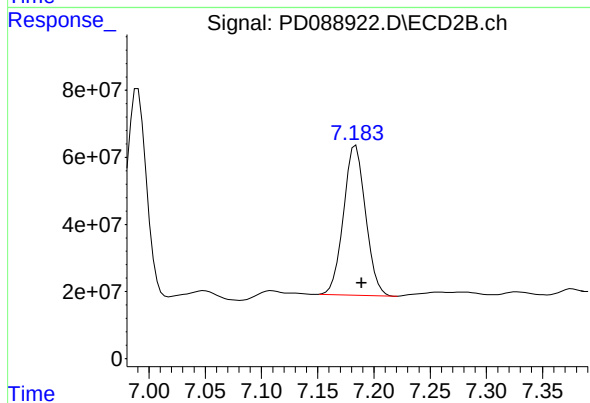
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 775264419
Conc: 40.07 ng/ml



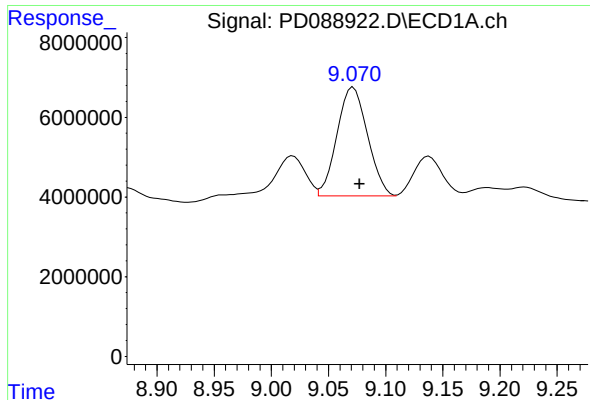
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 123515267
Conc: 47.54 ng/ml m



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 610159117
Conc: 40.14 ng/ml



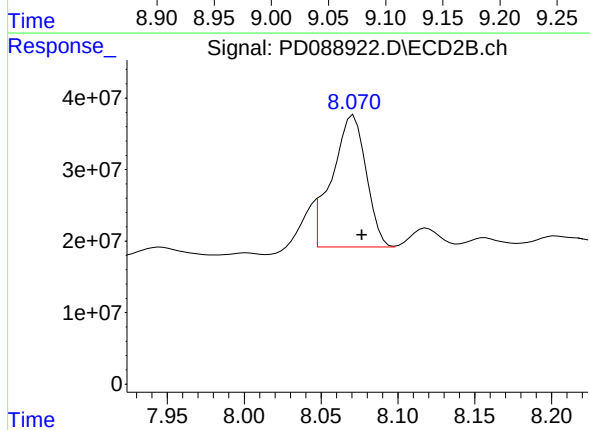
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.007 min
Response: 50556158
Conc: 14.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-210MSD

Manual Integrations
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Supervised By :mohammad ahmed 06/13/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.007 min
Response: 277166711
Conc: 15.18 ng/ml