

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
 Data File : PD088303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 15:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 02:20:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.558	2.881	102.5E6	701.2E6	51.304	47.958
28)	SA Decachlor...	9.083	8.077	151.9E6	747.3E6	45.923	40.438
Target Compounds							
2)	A alpha-BHC	4.007	3.395	230.5E6	1110.6E6	53.453	48.580
3)	MA gamma-BHC...	4.339	3.732	218.3E6	1027.4E6	52.140	47.701
4)	MA Heptachlor	4.938	4.086	209.3E6	985.1E6	51.820	46.035
5)	MB Aldrin	5.280	4.372	210.5E6	998.9E6	53.301	48.020
6)	B beta-BHC	4.523	4.028	83917036	448.7E6	51.693	48.484
7)	B delta-BHC	4.772	4.265	216.2E6	1029.1E6	52.408	48.403
8)	B Heptachlo...	5.700	4.876	184.3E6	903.3E6	51.567	47.809
9)	A Endosulfan I	6.083	5.251	176.7E6	837.4E6	52.324	46.491
10)	B gamma-Chl...	5.953	5.129	189.4E6	972.8E6	52.299m	47.933
11)	B alpha-Chl...	6.036	5.194	189.9E6	931.9E6	52.612	47.538
12)	B 4,4'-DDE	6.204	5.379	167.4E6	943.0E6	50.749	47.882
13)	MA Dieldrin	6.356	5.517	188.2E6	948.9E6	52.734	47.606
14)	MA Endrin	6.583	5.793	153.8E6	856.4E6	51.583	47.051
15)	B Endosulfa...	6.794	6.084	157.2E6	808.5E6	50.285	46.141
16)	A 4,4'-DDD	6.714	5.933	132.4E6	770.8E6	52.637	47.042
17)	MA 4,4'-DDT	7.030	6.188	129.3E6	742.1E6	46.555	43.610
18)	B Endrin al...	6.924	6.262	111.3E6	583.0E6	48.223	43.834
19)	B Endosulfa...	7.158	6.486	143.7E6	777.5E6	49.968	45.382
20)	A Methoxychlor	7.502	6.759	67214599	379.1E6	44.823	41.565
21)	B Endrin ke...	7.638	6.995	150.6E6	829.3E6	48.786	44.338
22)	Mirex	8.122	7.190	108.7E6	632.1E6	46.300	42.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
Data File : PD088303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 15:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

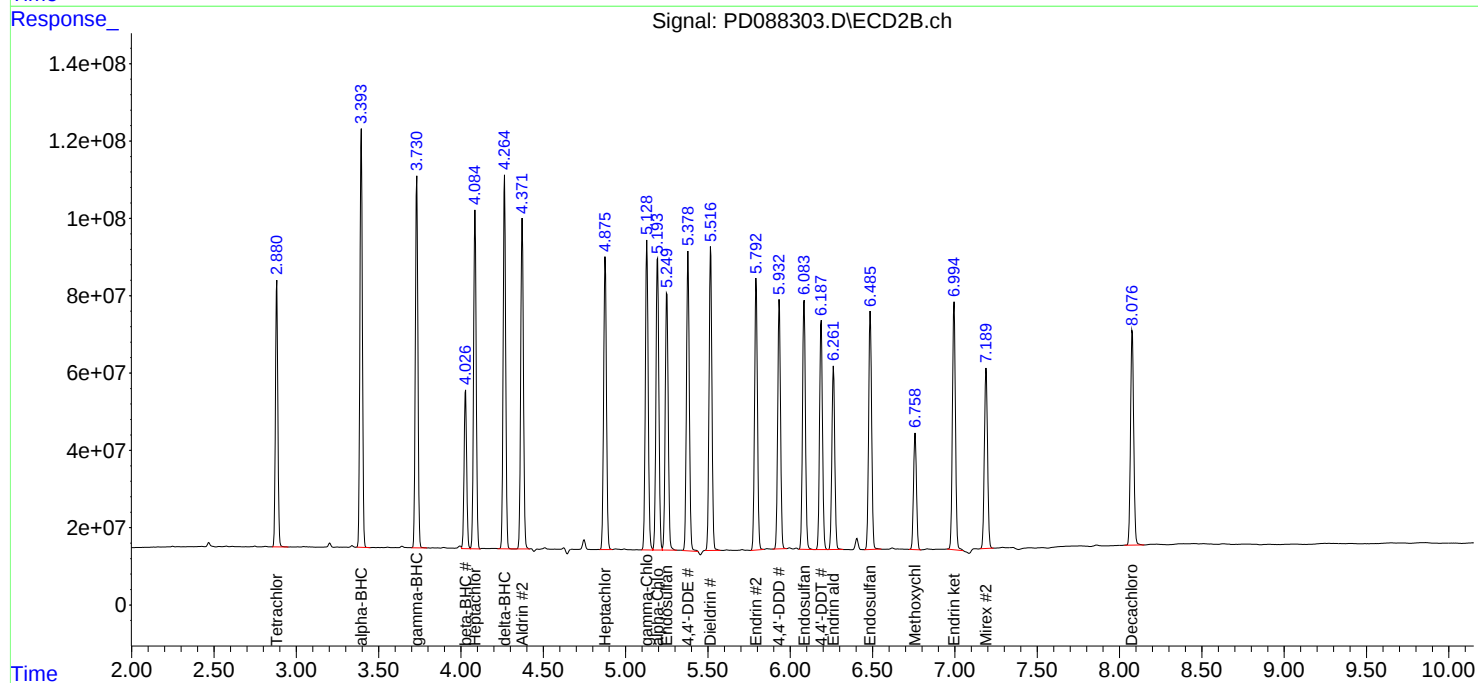
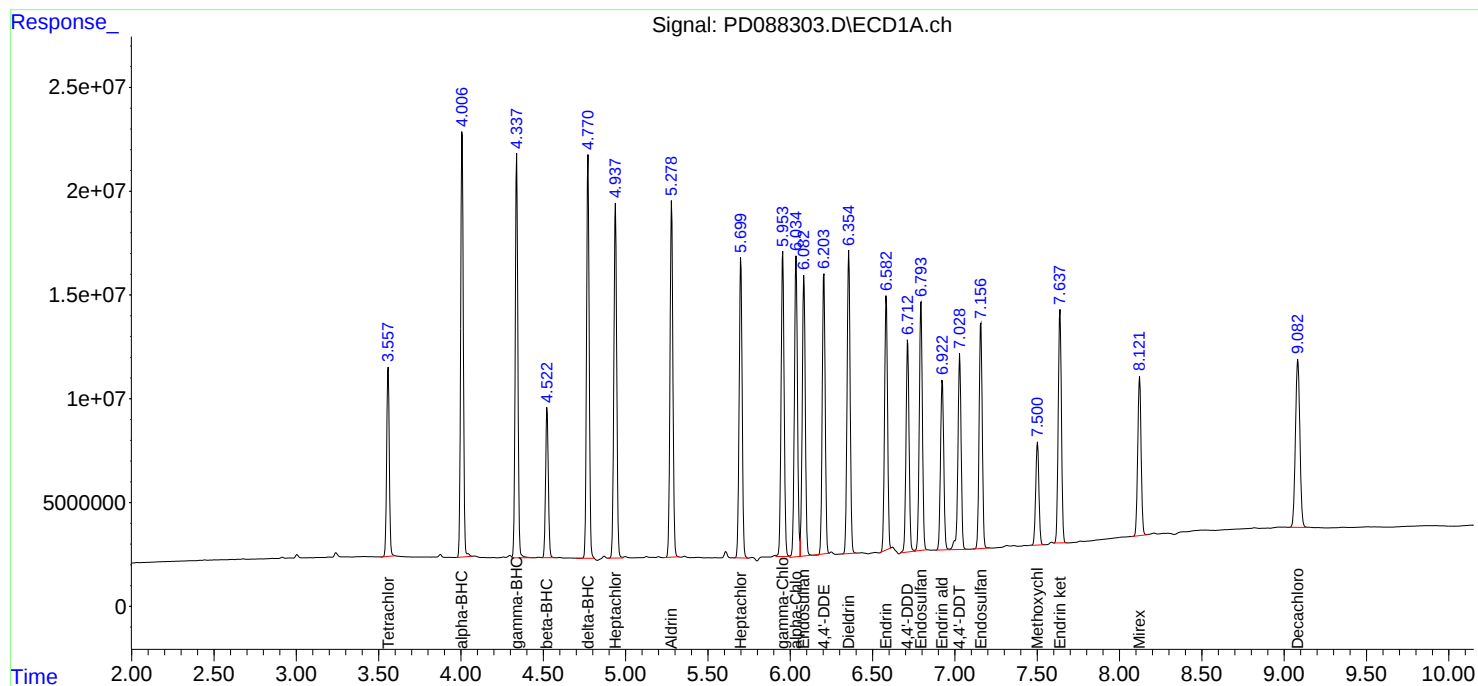
APPROVED

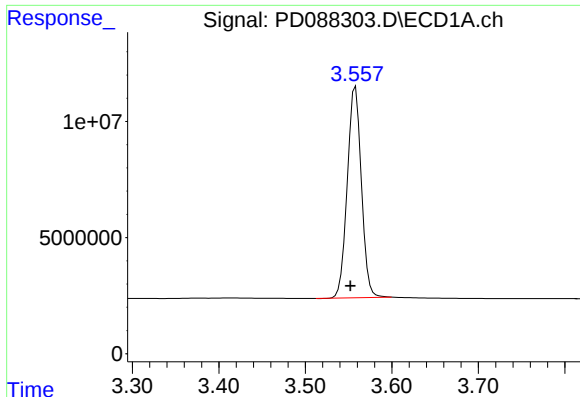
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 02:20:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
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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.: 3.558 min
Delta R.T.: 0.006 min
Response: 102474258
Conc: 51.30 ng/ml

Instrument :

ECD_D

ClientSampleId :

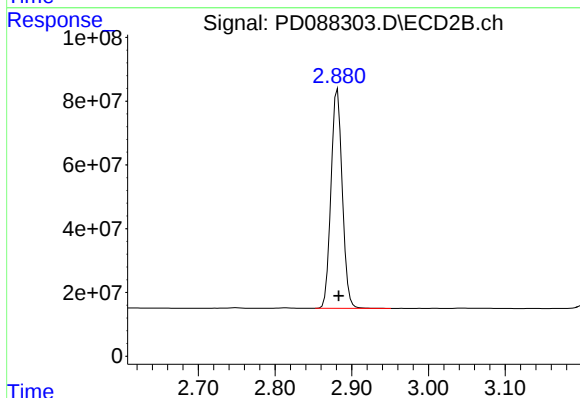
PSTDCCC050

Manual Integrations

APPROVED

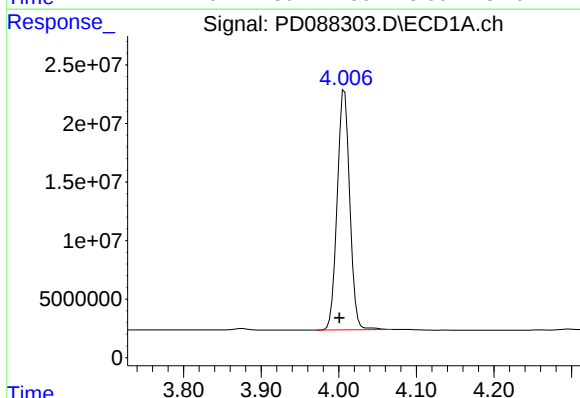
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025



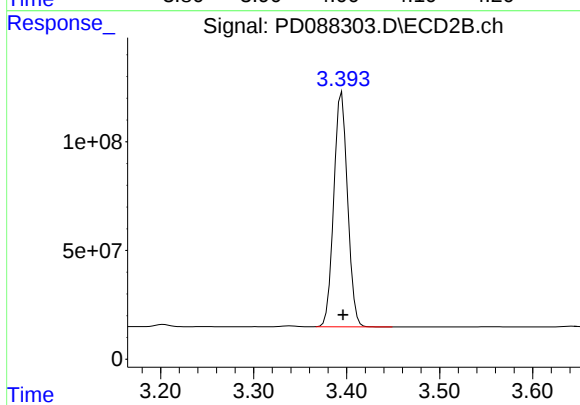
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 701217128
Conc: 47.96 ng/ml



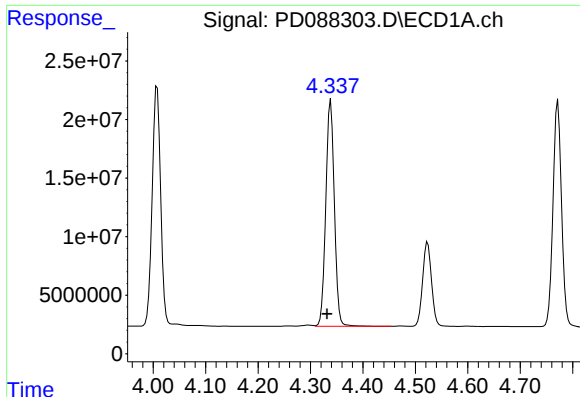
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.006 min
Response: 230487044
Conc: 53.45 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1110609272
Conc: 48.58 ng/ml



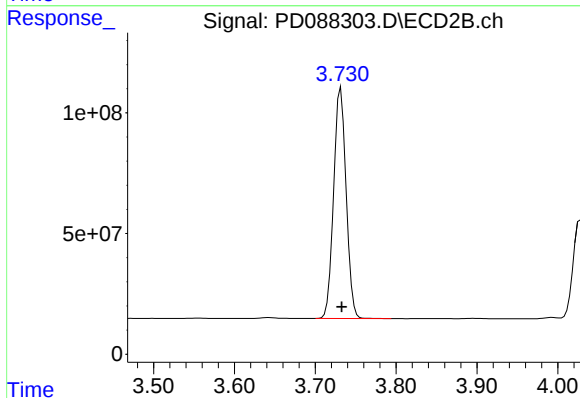
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 218335023
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

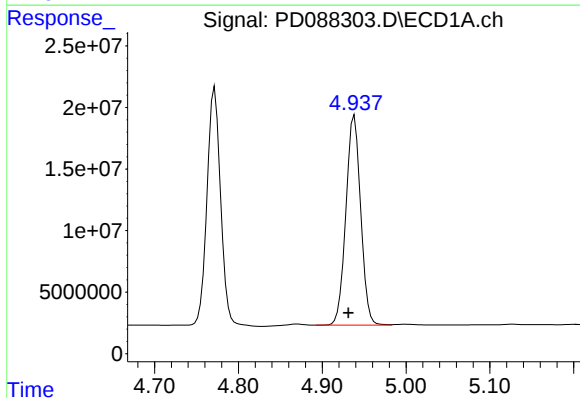
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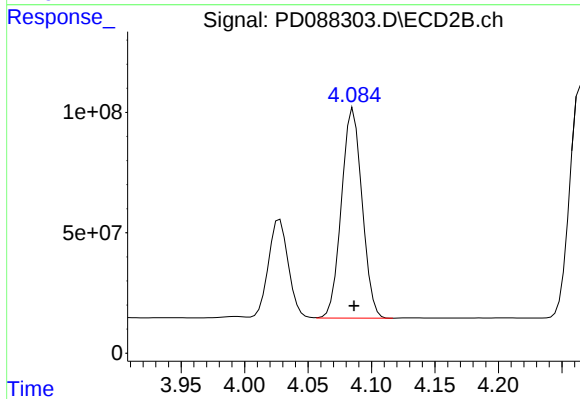
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 1027415679
Conc: 47.70 ng/ml



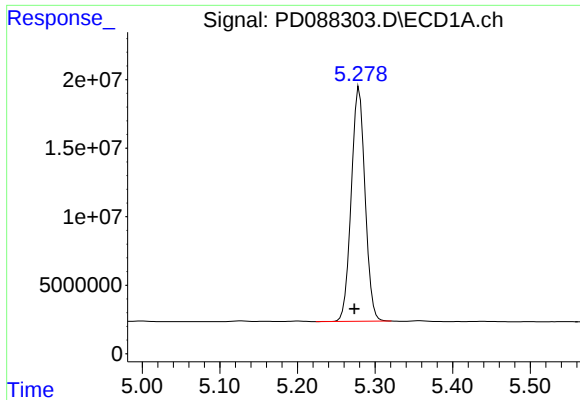
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.007 min
Response: 209300172
Conc: 51.82 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 985061468
Conc: 46.03 ng/ml



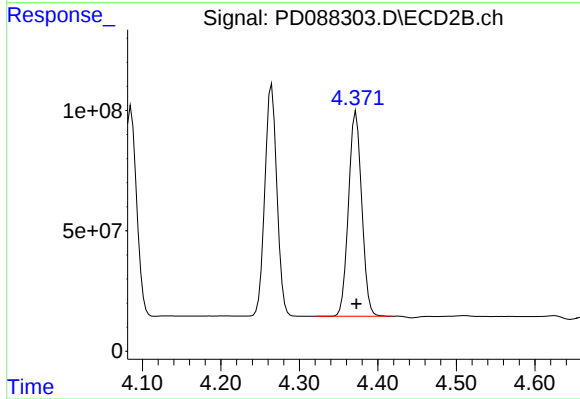
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.006 min
Response: 210515441
Conc: 53.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

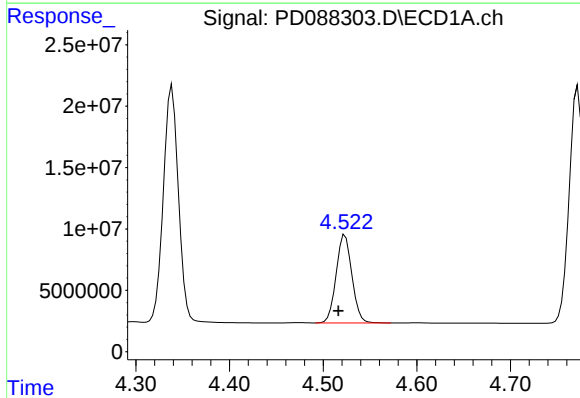
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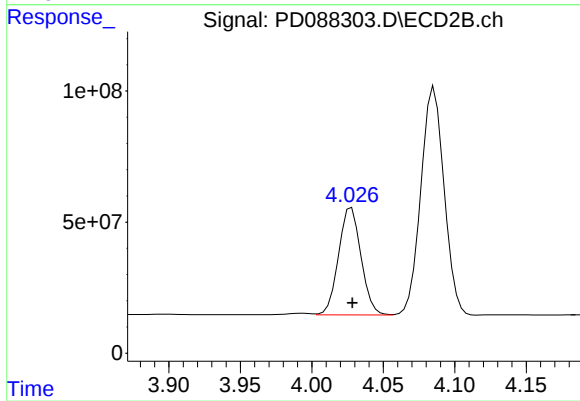
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 998943995
Conc: 48.02 ng/ml



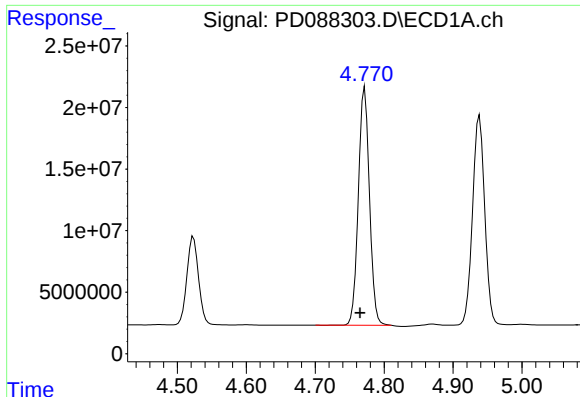
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.007 min
Response: 83917036
Conc: 51.69 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 448678402
Conc: 48.48 ng/ml



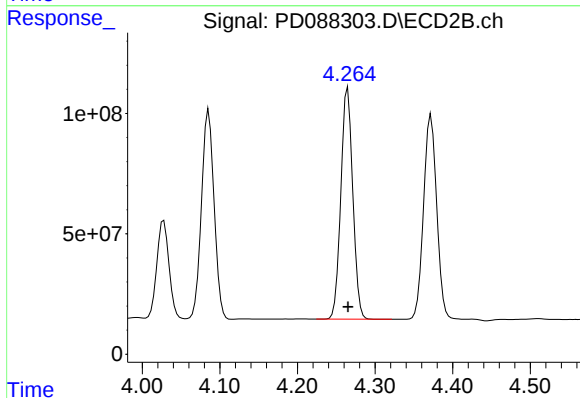
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.007 min
Response: 216181287
Conc: 52.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

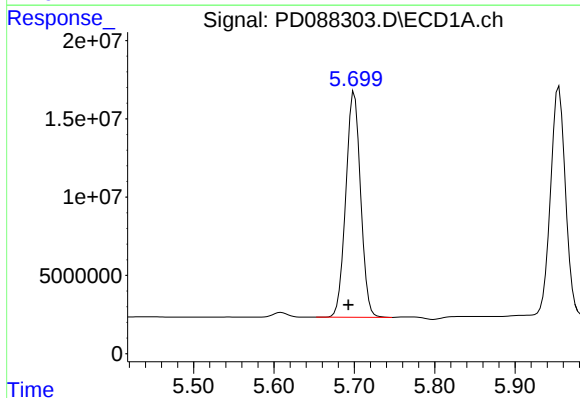
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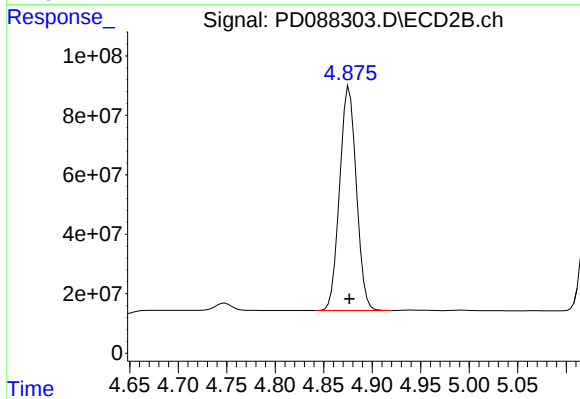
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1029128746
Conc: 48.40 ng/ml



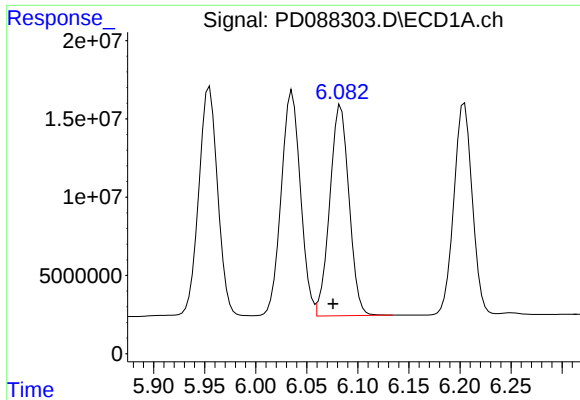
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 184298652
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 903309887
Conc: 47.81 ng/ml



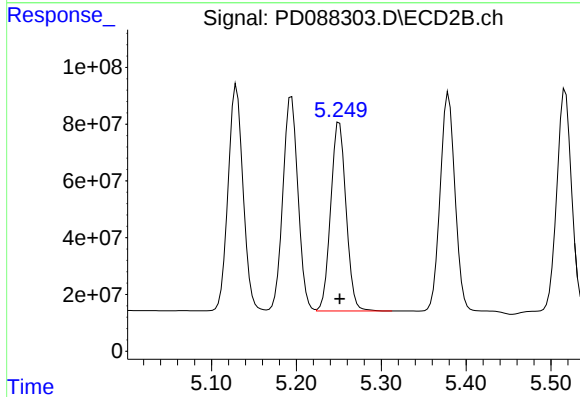
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.008 min
Response: 176704397
Conc: 52.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

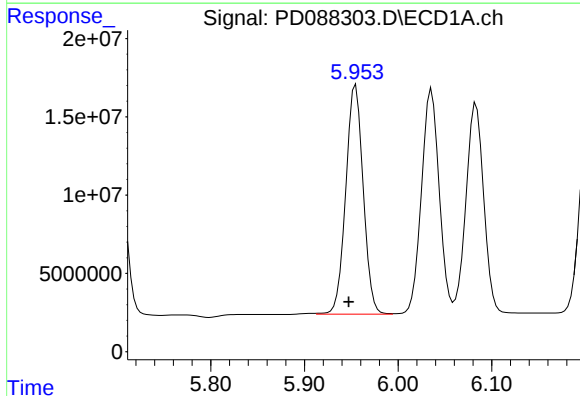
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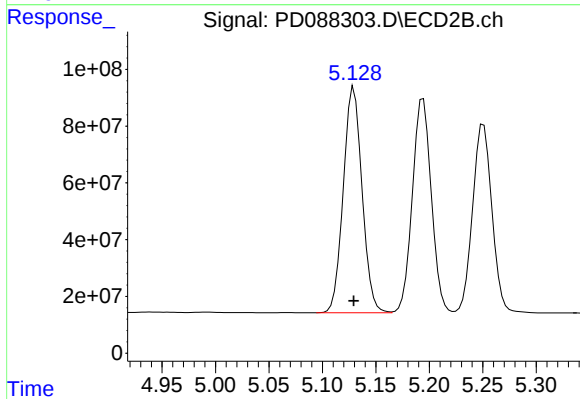
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 837412990
Conc: 46.49 ng/ml



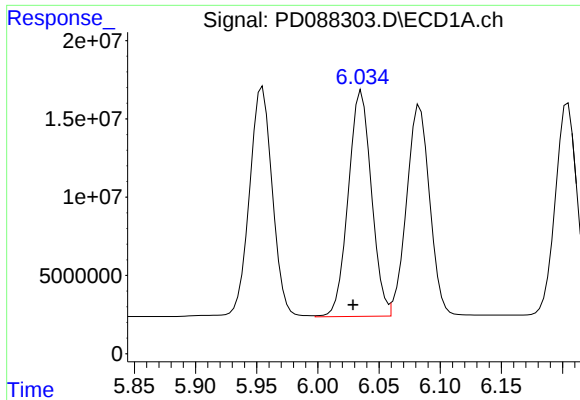
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.006 min
Response: 189429454
Conc: 52.30 ng/ml m



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 972841511
Conc: 47.93 ng/ml



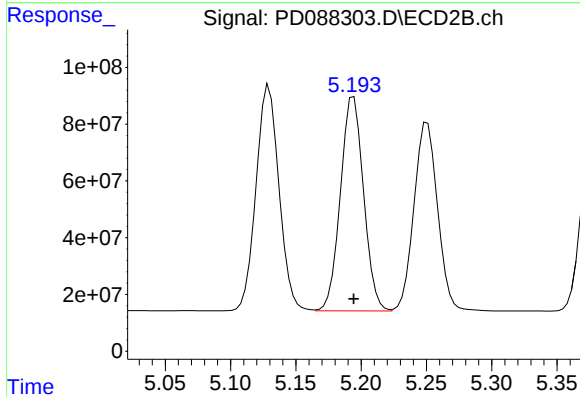
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.007 min
Response: 189908799
Conc: 52.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

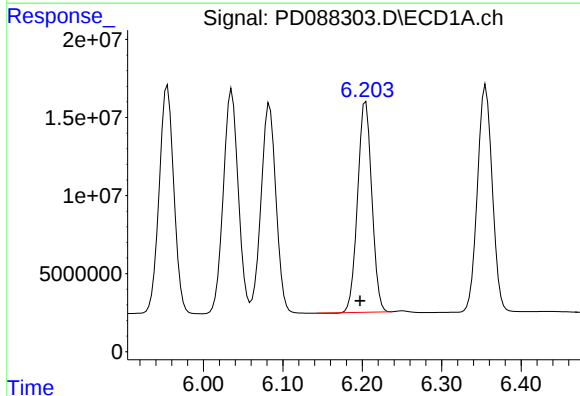
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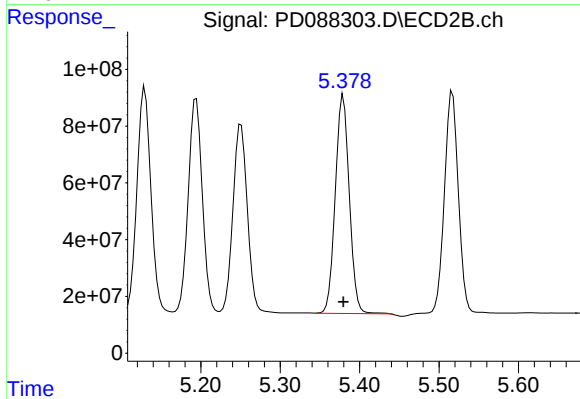
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 931869993
Conc: 47.54 ng/ml



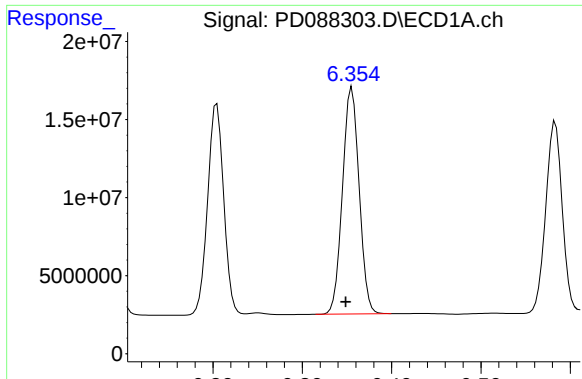
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.007 min
Response: 167382139
Conc: 50.75 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 942995376
Conc: 47.88 ng/ml



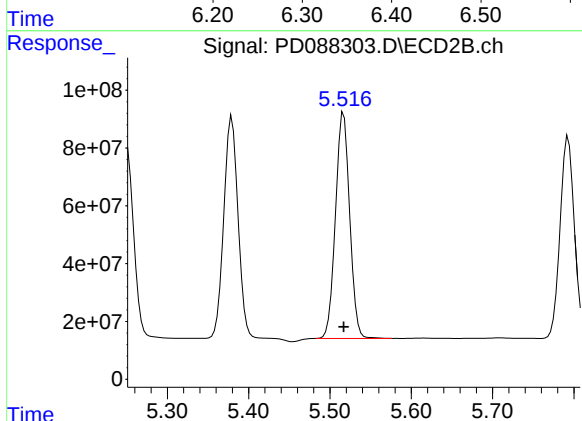
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.007 min
Response: 188182109
Conc: 52.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

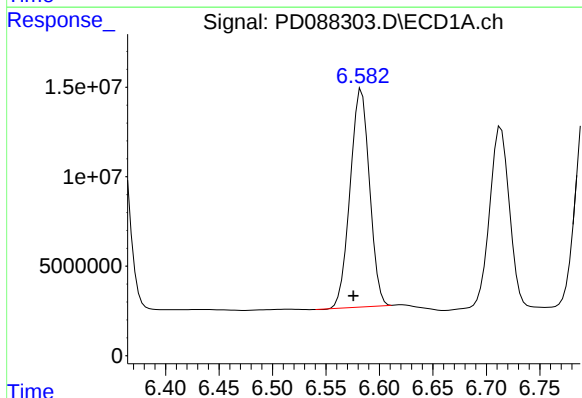
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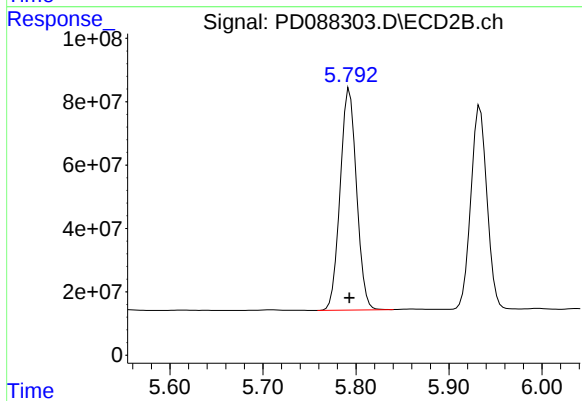
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 948922542
Conc: 47.61 ng/ml



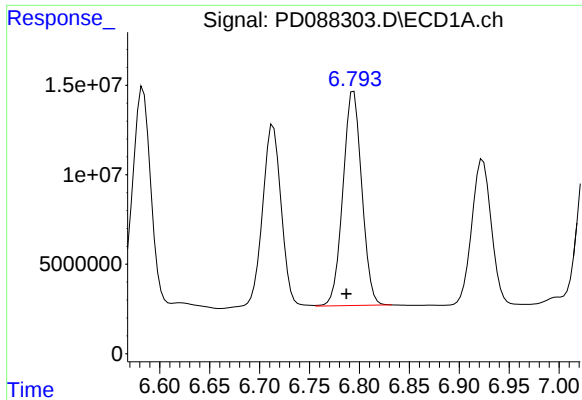
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.007 min
Response: 153849133
Conc: 51.58 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 856432563
Conc: 47.05 ng/ml



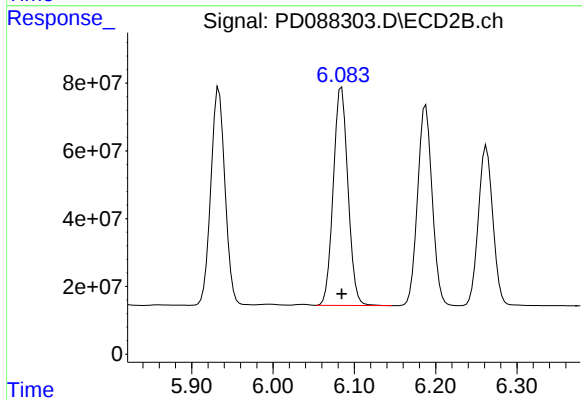
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.007 min
Response: 157201808
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

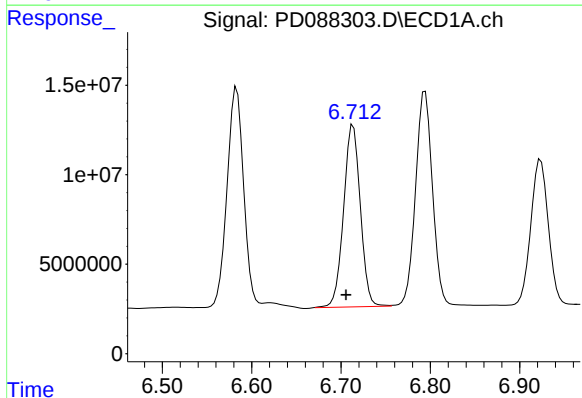
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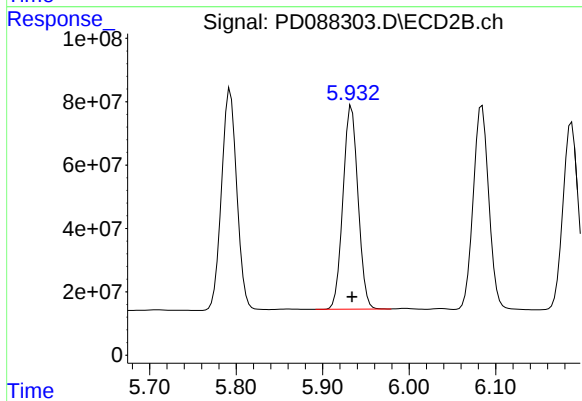
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 808466213
Conc: 46.14 ng/ml



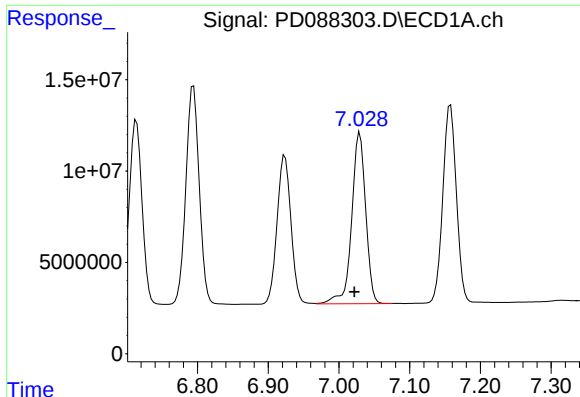
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.008 min
Response: 132380710
Conc: 52.64 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 770847520
Conc: 47.04 ng/ml



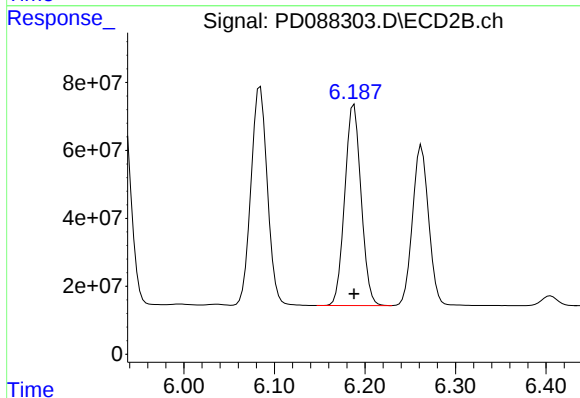
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.008 min
Response: 129309355
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

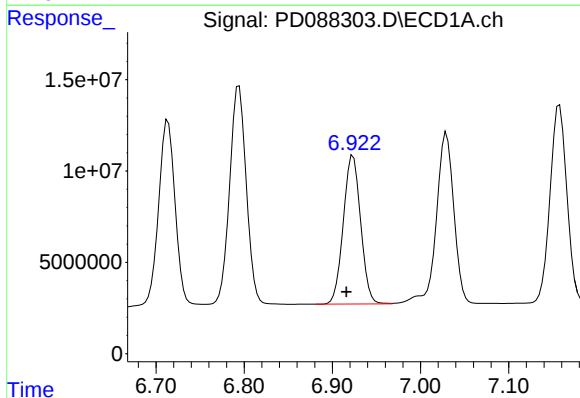
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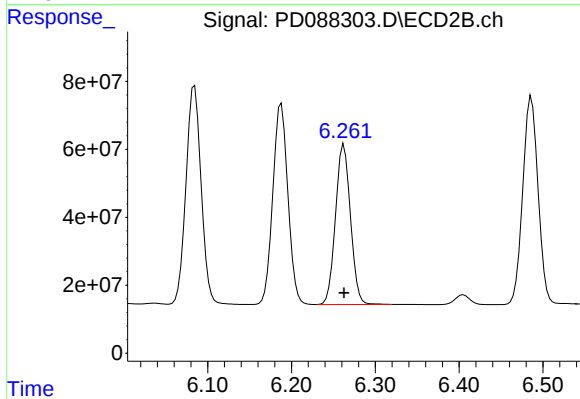
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 742087420
Conc: 43.61 ng/ml



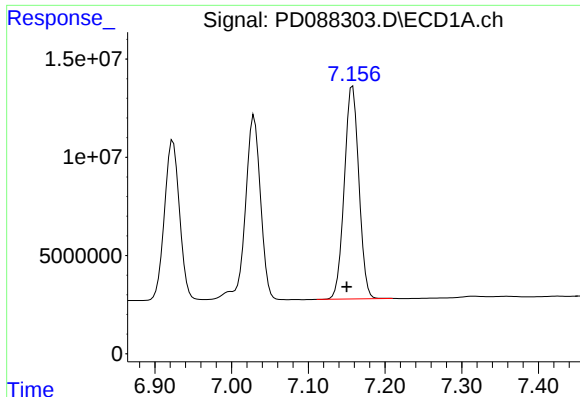
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.008 min
Response: 111298780
Conc: 48.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 583028318
Conc: 43.83 ng/ml



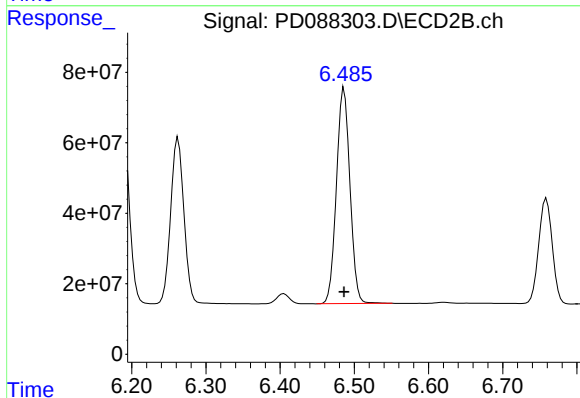
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.007 min
Response: 143699831
Conc: 49.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

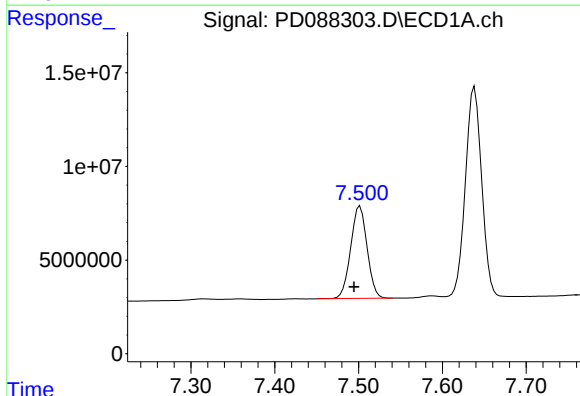
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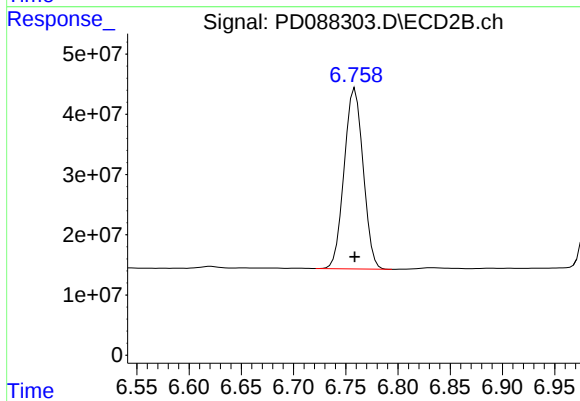
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 777537656
Conc: 45.38 ng/ml



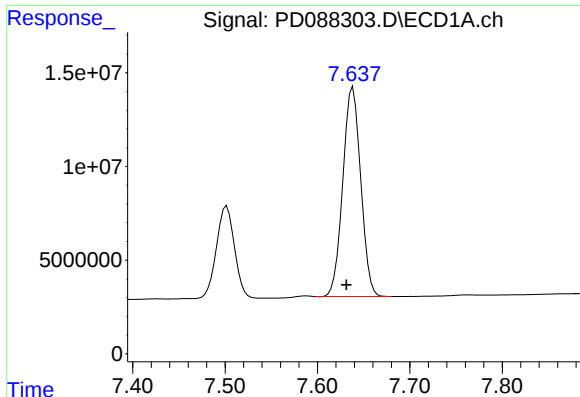
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.007 min
Response: 67214599
Conc: 44.82 ng/ml



#20 Methoxychlor

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 379118667
Conc: 41.57 ng/ml



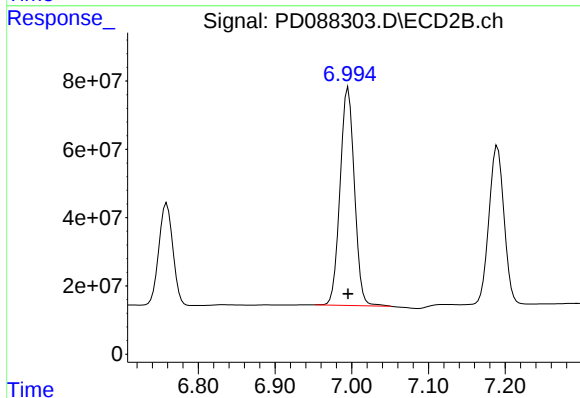
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.007 min
Response: 150581821
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

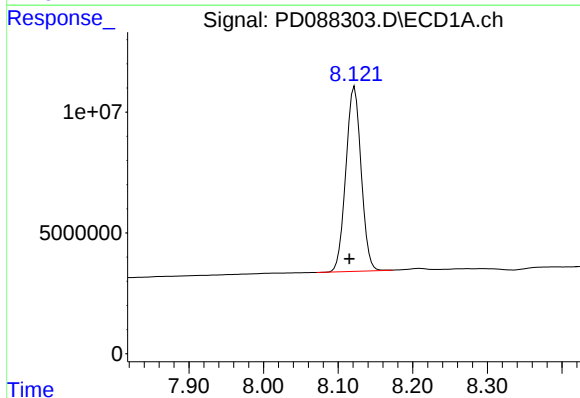
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



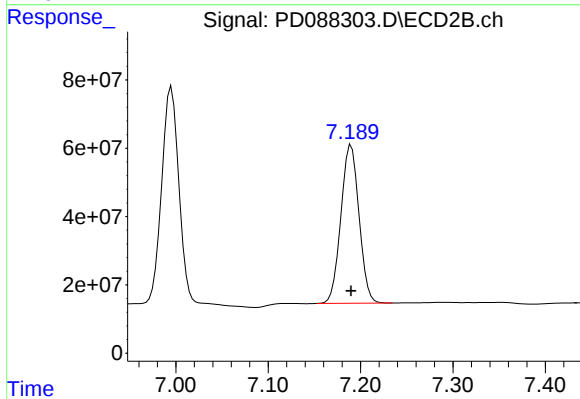
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 829306012
Conc: 44.34 ng/ml



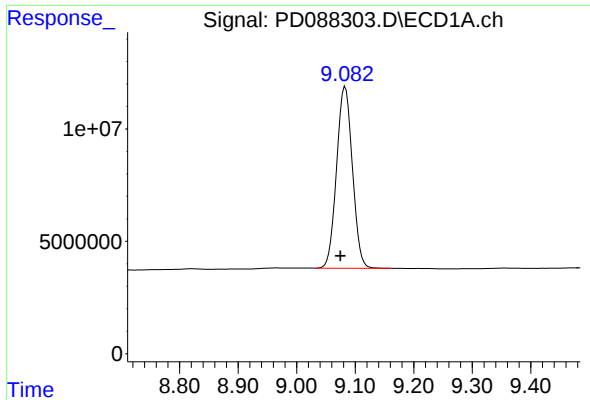
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.007 min
Response: 108726904
Conc: 46.30 ng/ml



#22 Mirex

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 632059843
Conc: 42.65 ng/ml



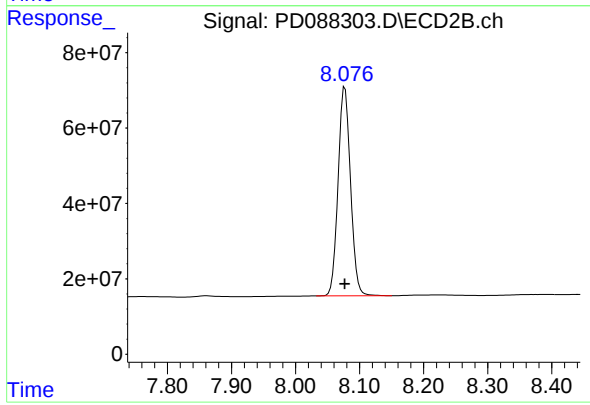
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.008 min
Response: 151917608
Conc: 45.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 747283393
Conc: 40.44 ng/ml