

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
 Data File : PL088251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2024 11:04
 Operator : AR\AJ
 Sample : P1549-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 336MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:21:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.635	2.852	62372360	28999678	22.708	20.677m
28)	SA Decachlor...	9.305	8.086	49897490	28389118	25.908	22.296
Target Compounds							
2)	A alpha-BHC	4.100	3.368	234.8E6	112.9E6	56.248	54.938
3)	MA gamma-BHC...	4.438	3.705	224.7E6	107.7E6	55.488	53.806
4)	MA Heptachlor	5.039	4.054	226.1E6	106.8E6	58.751	58.600
5)	MB Aldrin	5.386	4.339	205.3E6	103.3E6	53.763	53.269
6)	B beta-BHC	4.635	4.007	96593109	47465541	55.461	53.327
7)	B delta-BHC	4.888	4.242	191.3E6	92833240	50.288	46.538
8)	B Heptachlo...	5.818	4.849	194.9E6	93740741	55.641	54.037m
9)	A Endosulfan I	6.209	5.226	175.6E6	88397659	56.089	54.937
10)	B gamma-Chl...	6.077	5.105	195.8E6	98760964	57.610	55.366
11)	B alpha-Chl...	6.158	5.170	194.7E6	100.5E6	57.064	56.405
12)	B 4,4'-DDE	6.333	5.363	174.2E6	88733175	57.438	55.828
13)	MA Dieldrin	6.488	5.496	188.8E6	96865671	57.431	56.142
14)	MA Endrin	6.721	5.774	162.8E6	88898122	62.587	59.458
15)	B Endosulfa...	6.941	6.073	163.4E6	84168345	57.060	55.250
16)	A 4,4'-DDD	6.855	5.925	145.3E6	75221175	56.019	55.058
17)	MA 4,4'-DDT	7.174	6.180	157.8E6	81612760	60.034	59.779
18)	B Endrin al...	7.073	6.255	121.6E6	62781073	58.824	57.483
19)	B Endosulfa...	7.310	6.481	152.3E6	79285275	58.473	56.454
20)	A Methoxychlor	7.654	6.764	83965383	45648701	63.432	58.244
21)	B Endrin ke...	7.802	6.994	165.1E6	94297661	58.948	56.324
22)	Mirex	8.284	7.179	129.6E6	75271291	55.951	57.454m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
Data File : PL088251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Feb 2024 11:04
Operator : AR\AJ
Sample : P1549-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

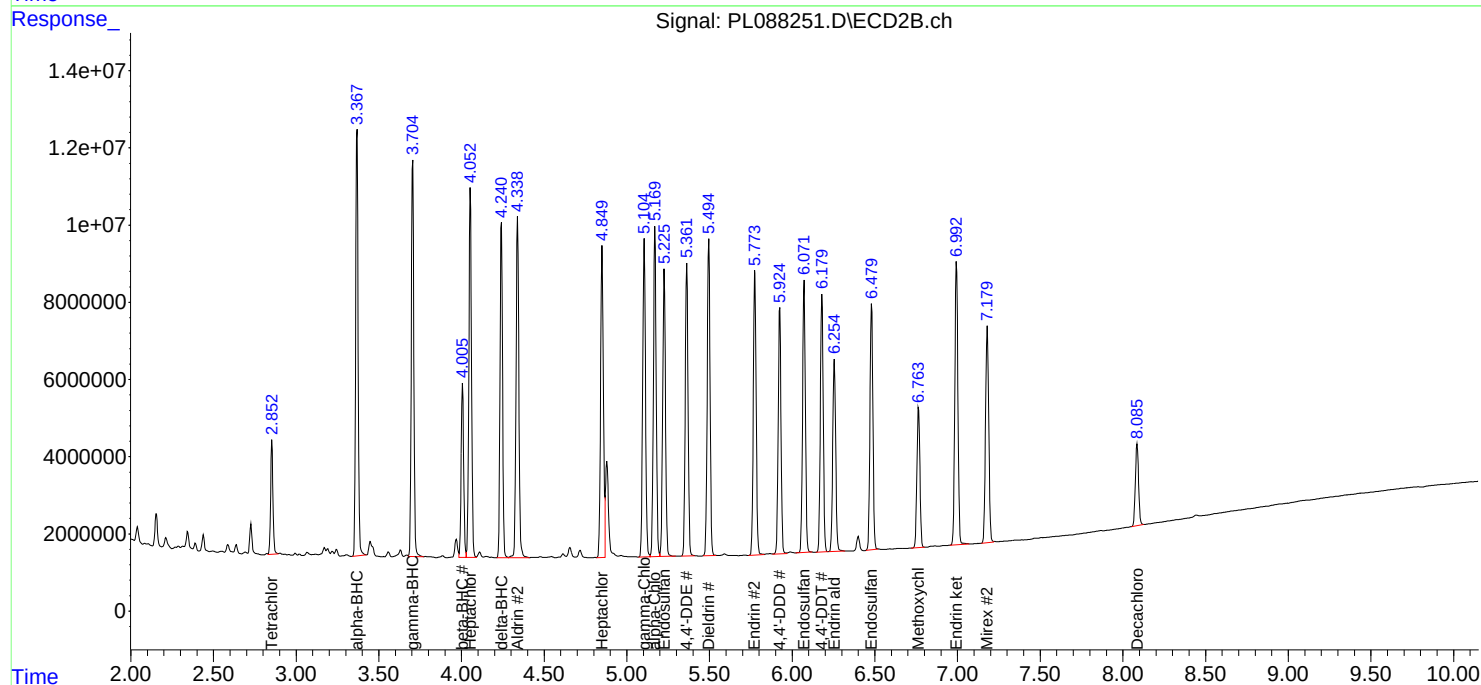
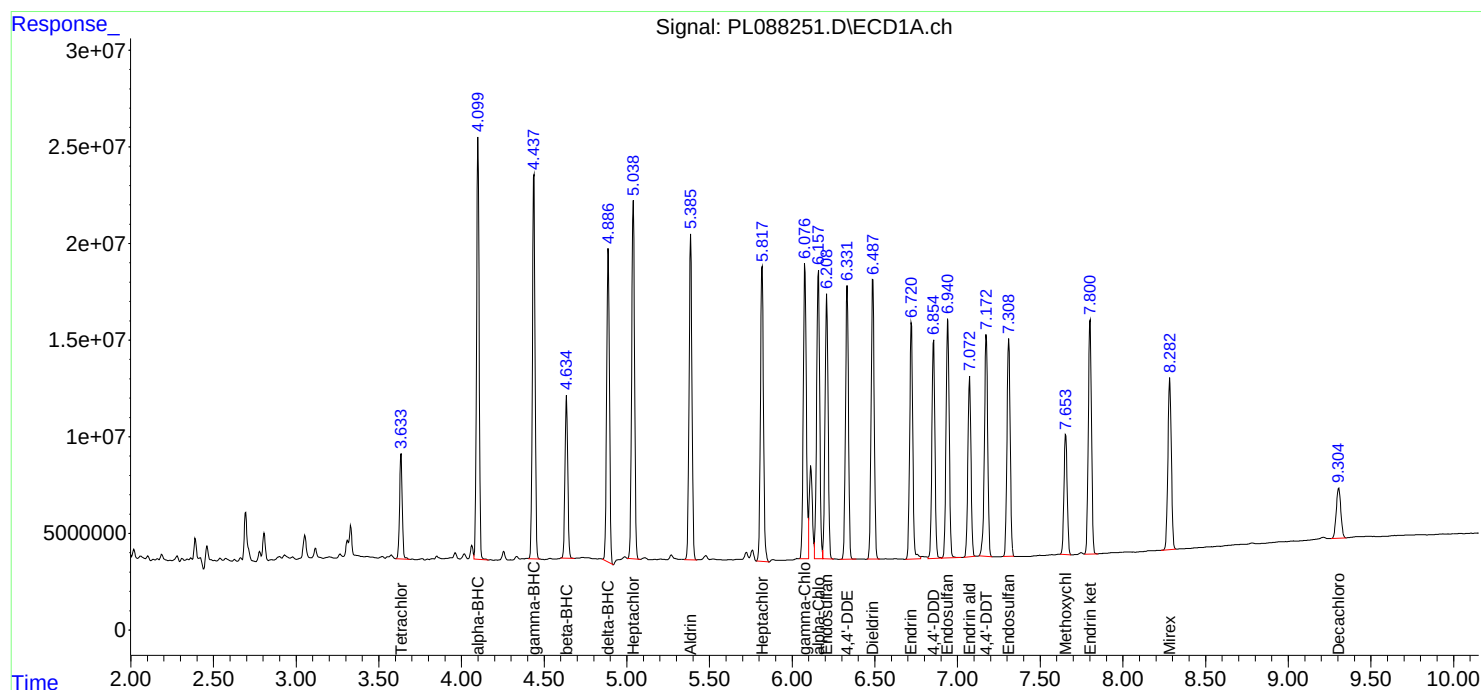
Instrument :
ECD_L
ClientSampleId :
336MSD

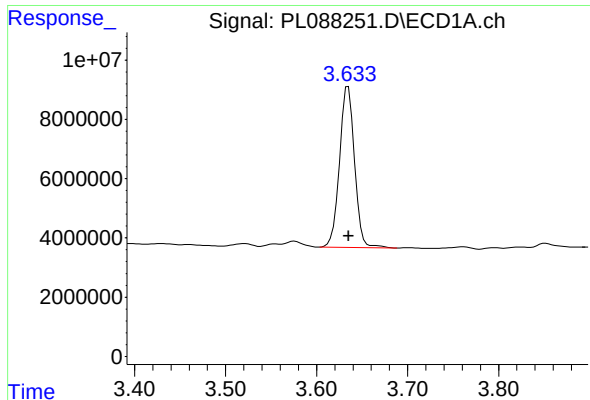
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 24 00:21:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





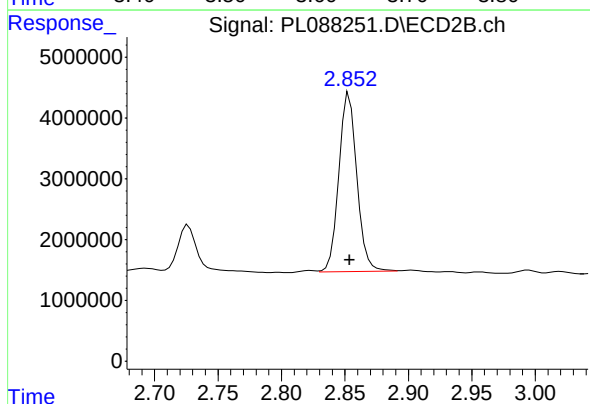
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 62372360
Conc: 22.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

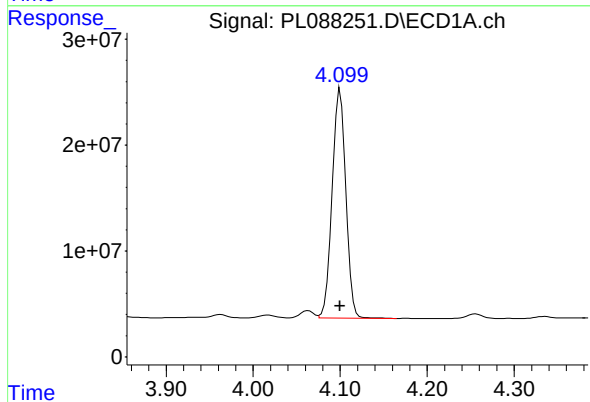
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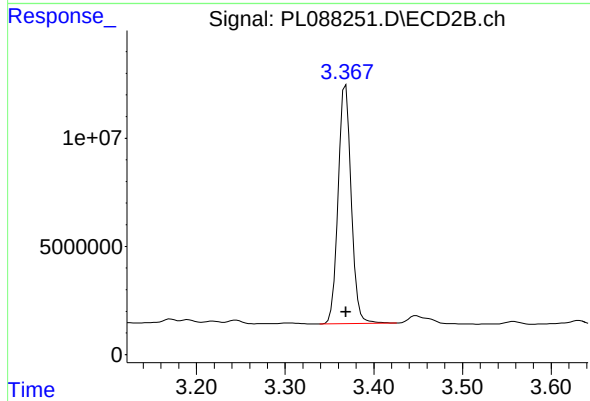
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: -0.002 min
Response: 28999678
Conc: 20.68 ng/ml



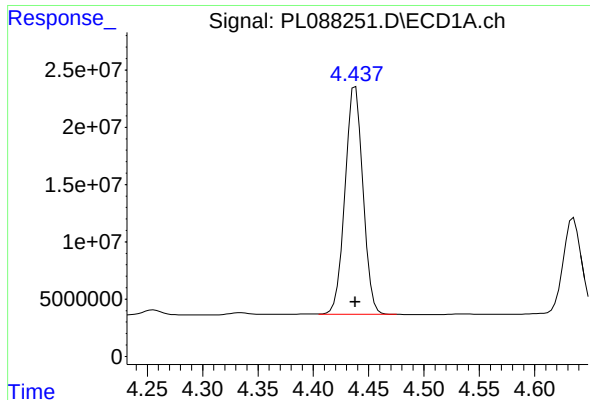
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 234792877
Conc: 56.25 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 112888085
Conc: 54.94 ng/ml



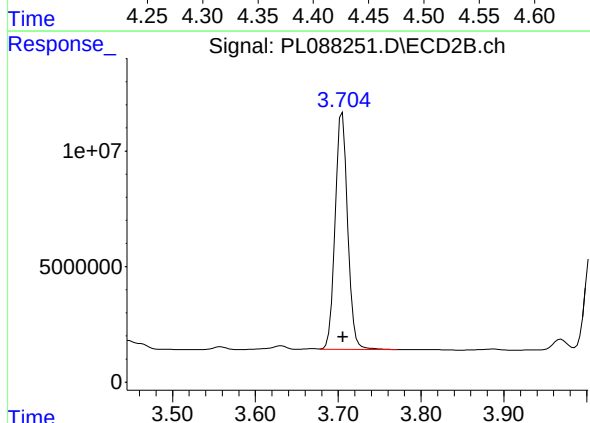
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 224701053
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

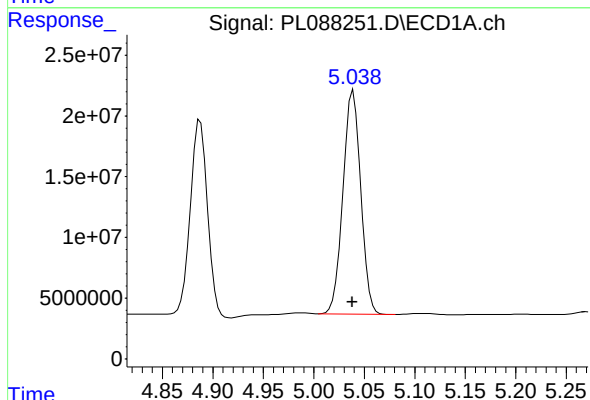
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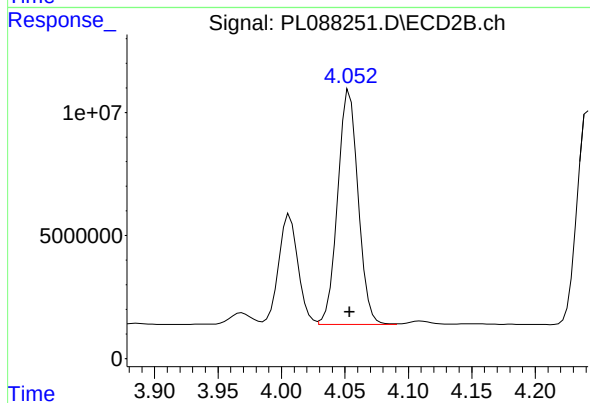
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 107747102
Conc: 53.81 ng/ml



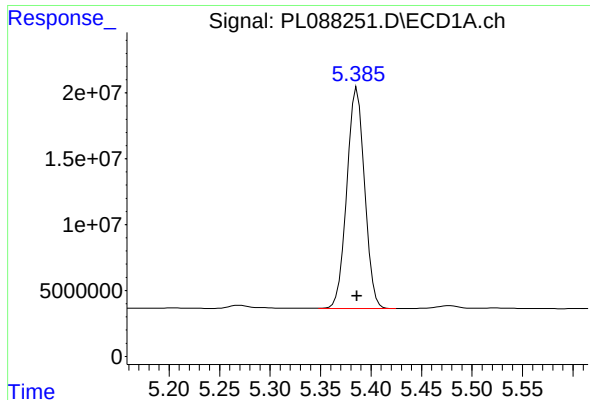
#4 Heptachlor

R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 226090239
Conc: 58.75 ng/ml



#4 Heptachlor

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 106755455
Conc: 58.60 ng/ml



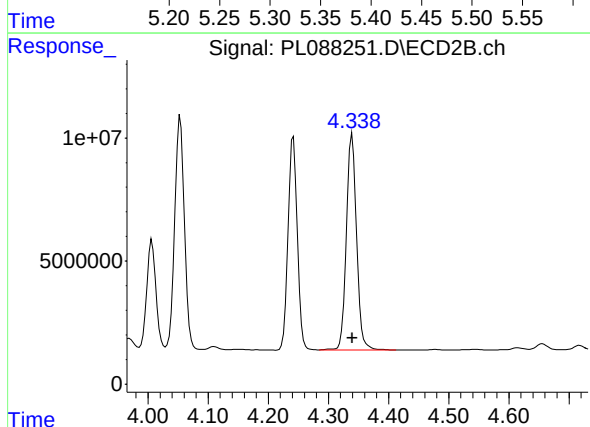
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 205286512
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

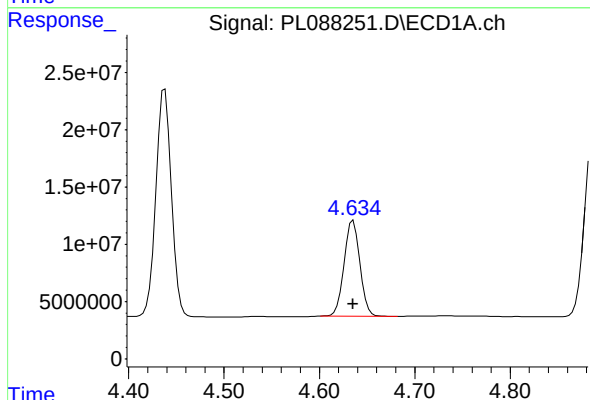
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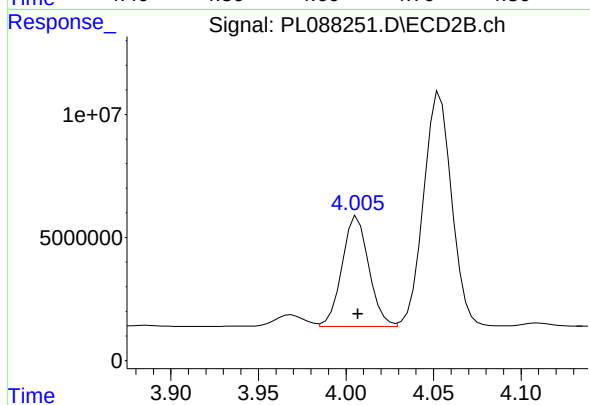
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 103312600
Conc: 53.27 ng/ml



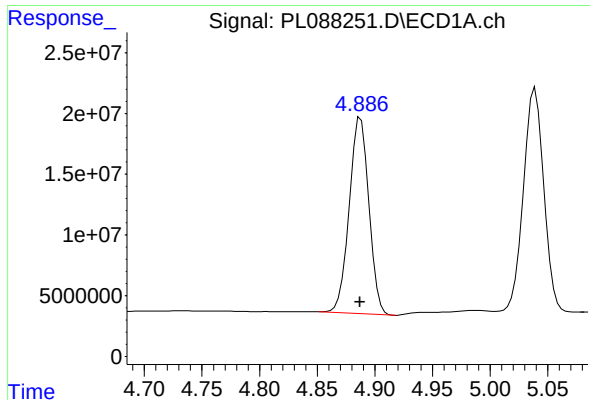
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 96593109
Conc: 55.46 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 47465541
Conc: 53.33 ng/ml



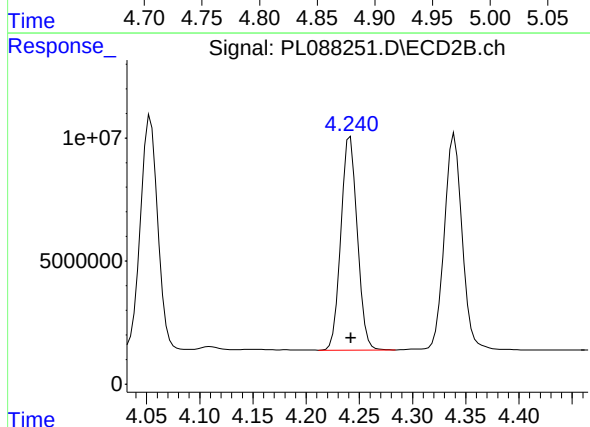
#7 delta-BHC

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 191333217
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

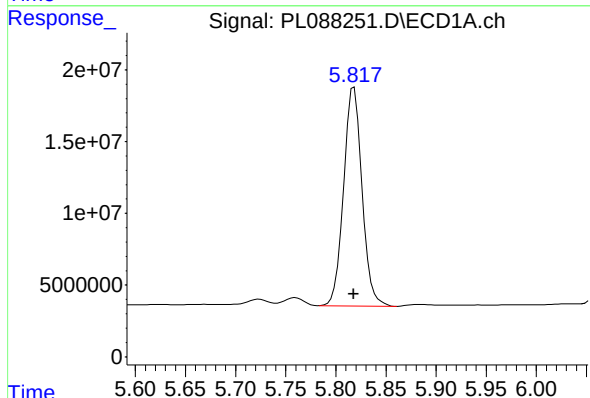
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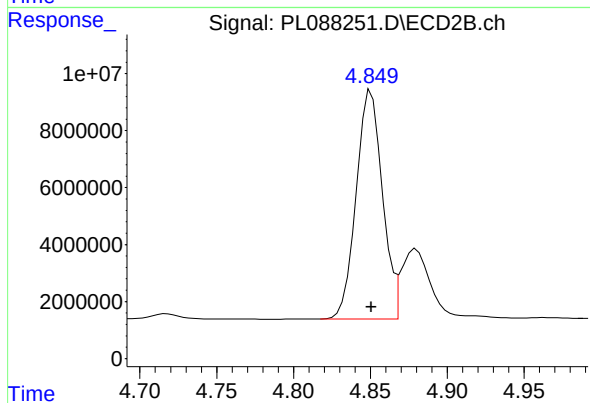
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 92833240
Conc: 46.54 ng/ml



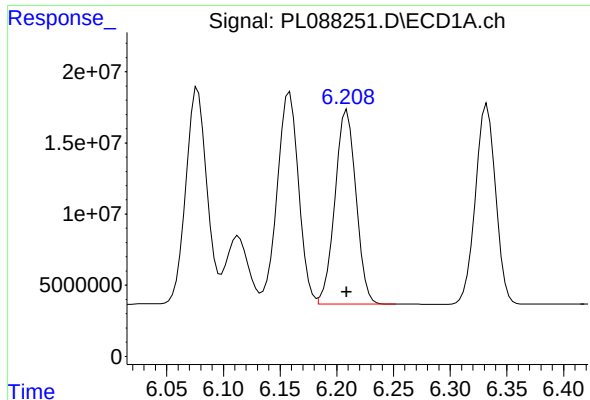
#8 Heptachlor epoxide

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 194945736
Conc: 55.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 93740741
Conc: 54.04 ng/ml m



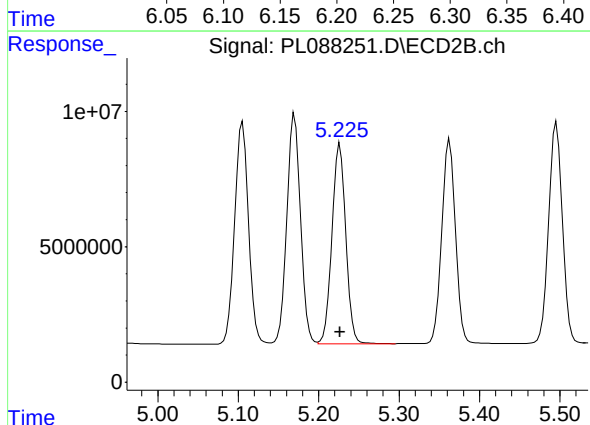
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 175552015
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

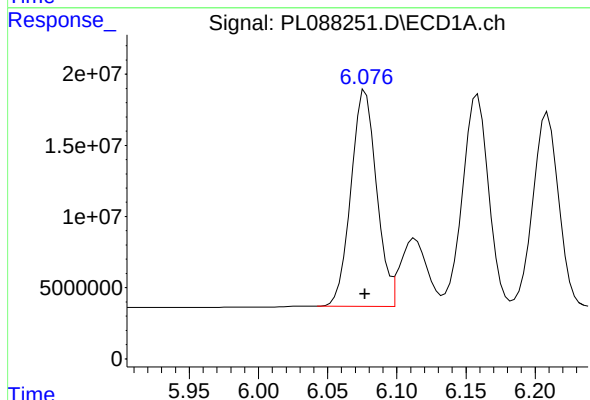
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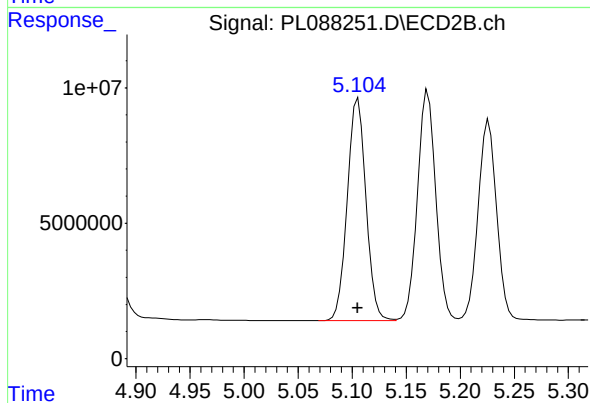
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 88397659
Conc: 54.94 ng/ml



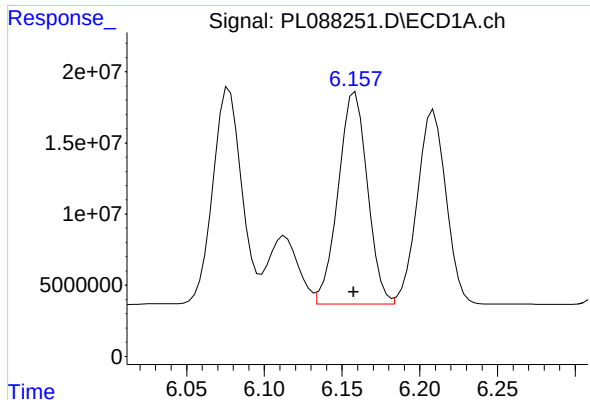
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 195779168
Conc: 57.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 98760964
Conc: 55.37 ng/ml



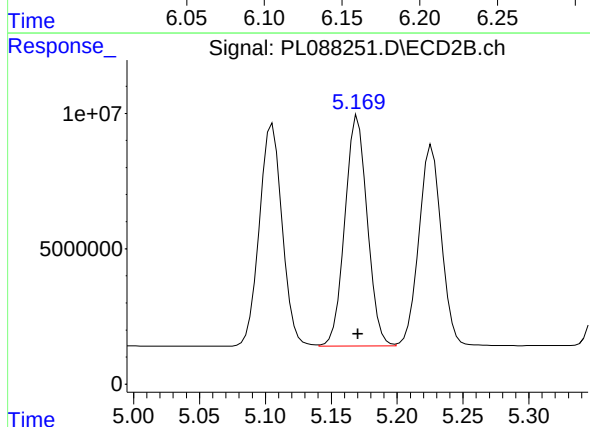
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 194746497
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

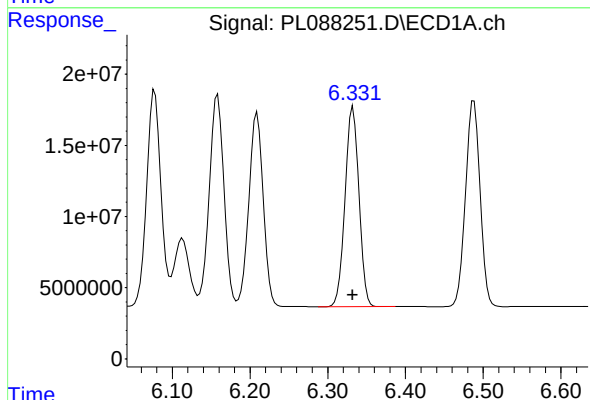
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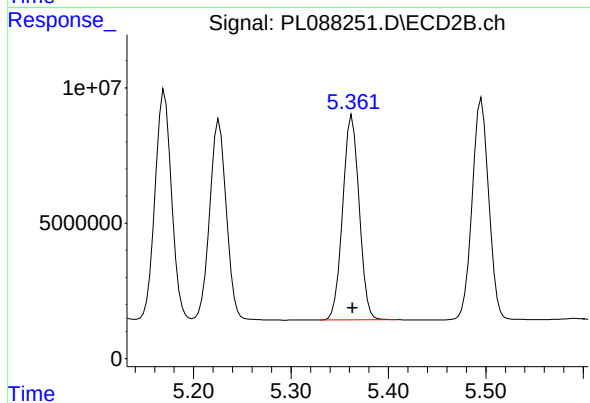
#11 alpha-Chlordane

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 100483863
Conc: 56.41 ng/ml



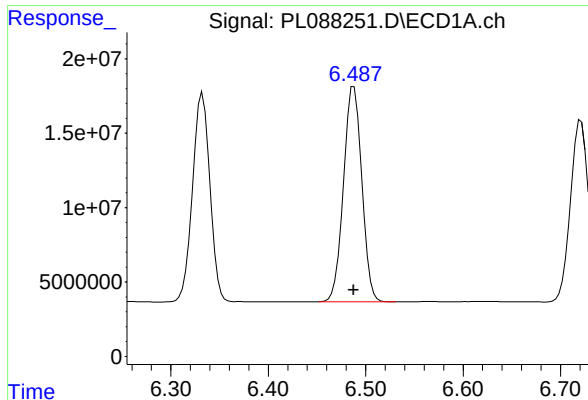
#12 4,4'-DDE

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 174201203
Conc: 57.44 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 88733175
Conc: 55.83 ng/ml



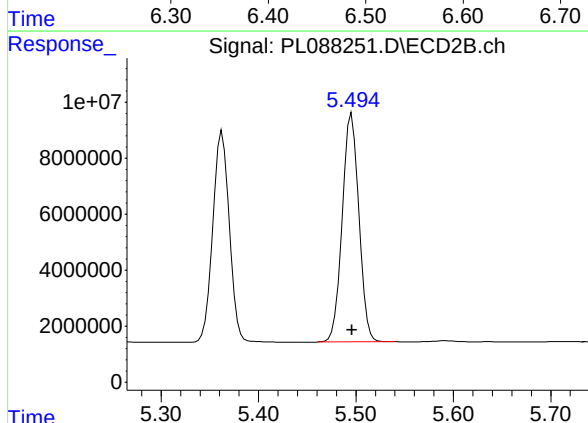
#13 Dieldrin

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 188842344
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

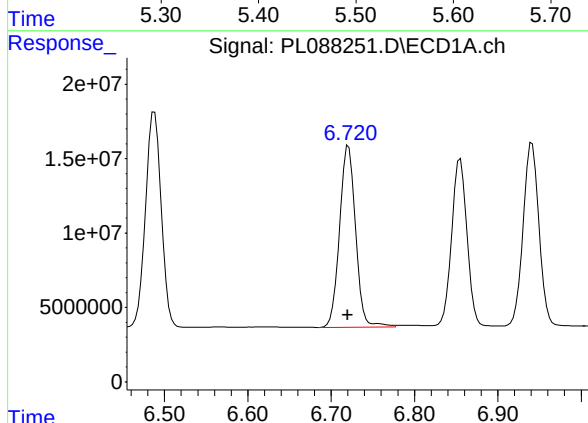
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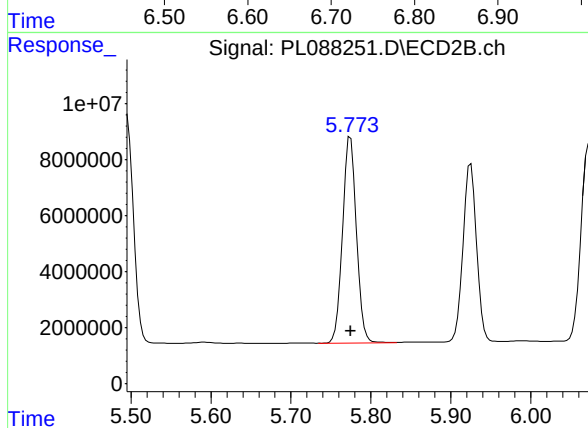
#13 Dieldrin

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 96865671
Conc: 56.14 ng/ml



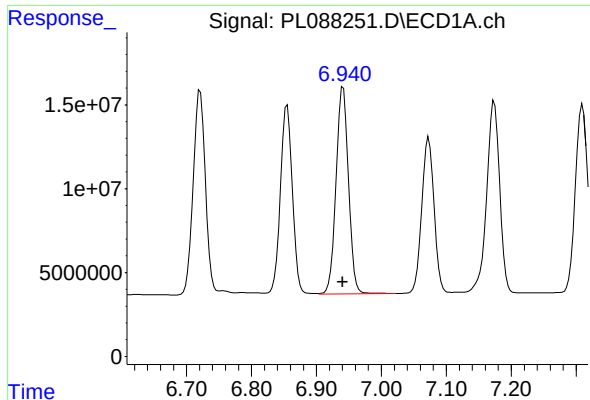
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.001 min
Response: 162766196
Conc: 62.59 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 88898122
Conc: 59.46 ng/ml



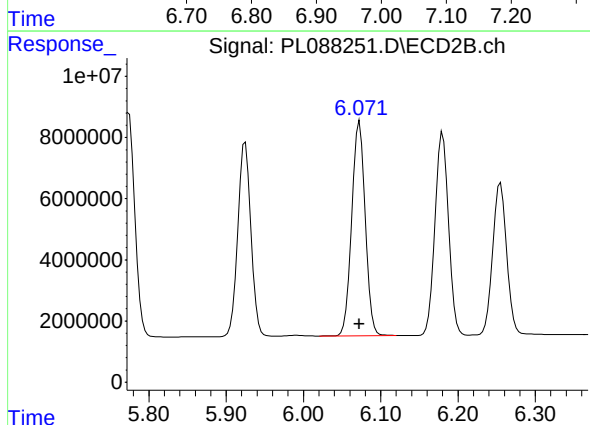
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 163413639
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

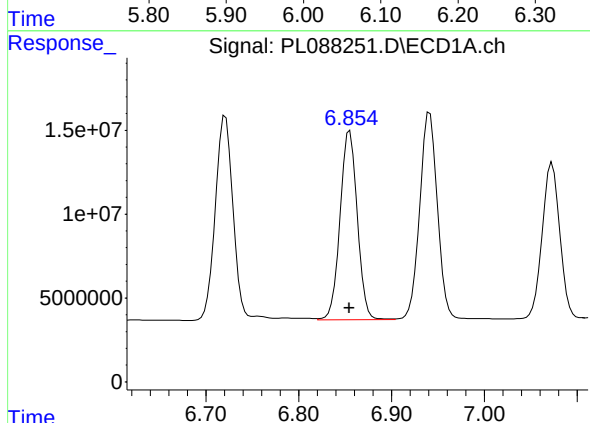
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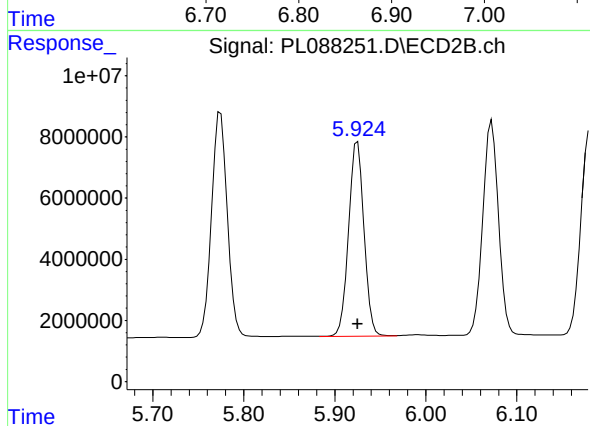
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 84168345
Conc: 55.25 ng/ml



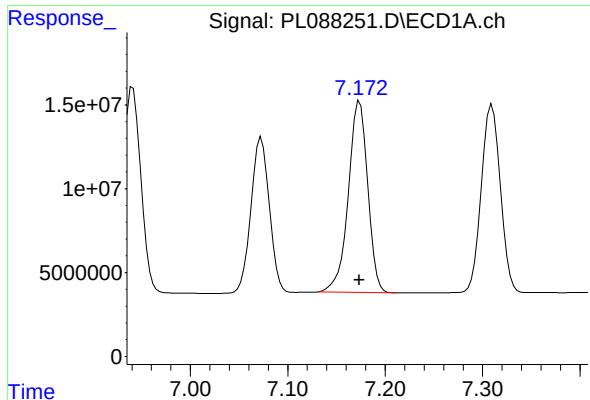
#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 145295307
Conc: 56.02 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 75221175
Conc: 55.06 ng/ml



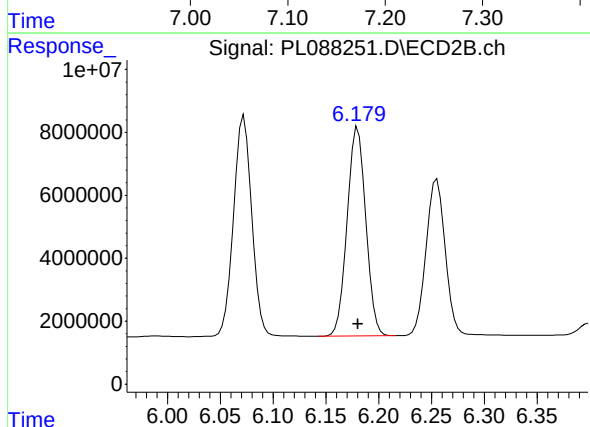
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 157840716
Conc: 60.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

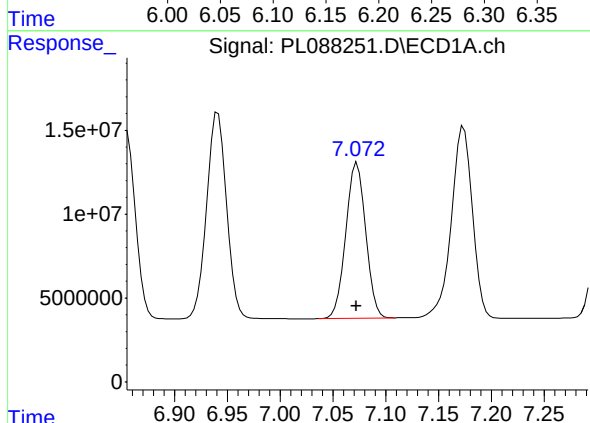
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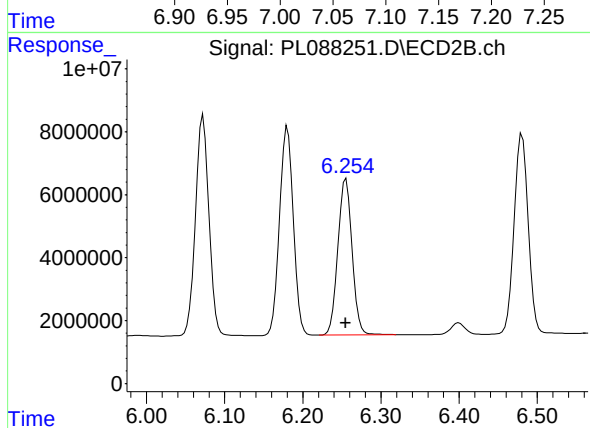
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 81612760
Conc: 59.78 ng/ml



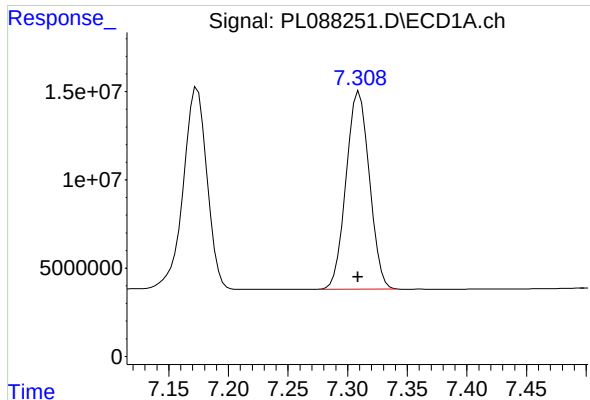
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 121628004
Conc: 58.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 62781073
Conc: 57.48 ng/ml



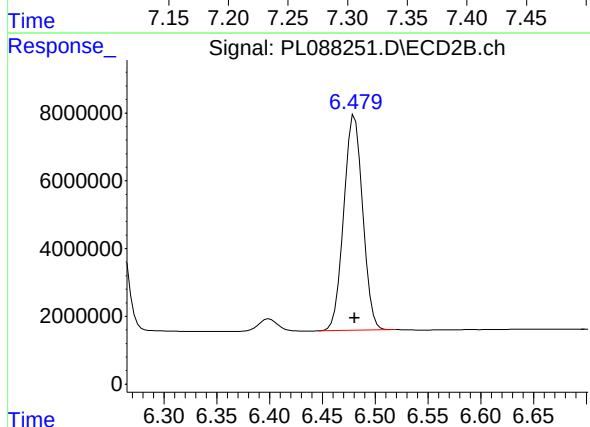
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 152332075
Conc: 58.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

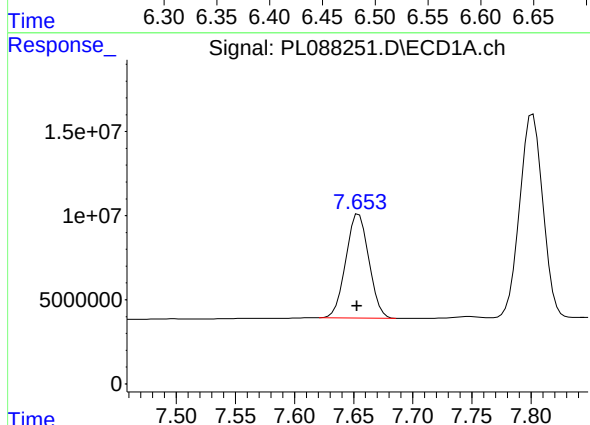
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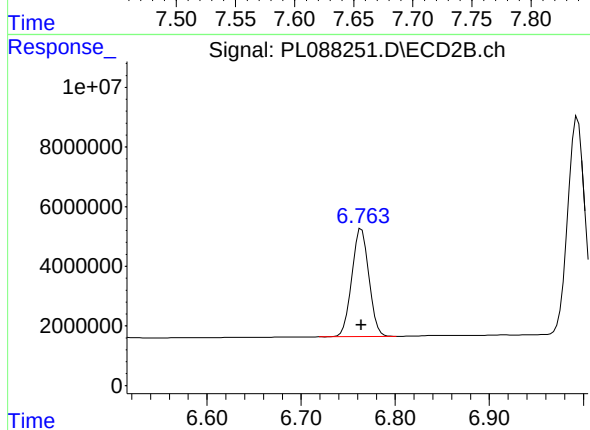
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 79285275
Conc: 56.45 ng/ml



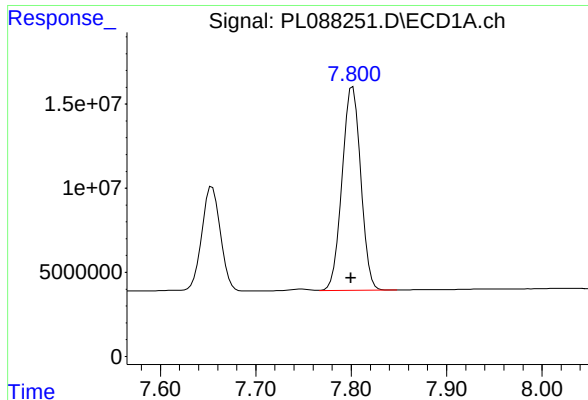
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.002 min
Response: 83965383
Conc: 63.43 ng/ml



#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 45648701
Conc: 58.24 ng/ml



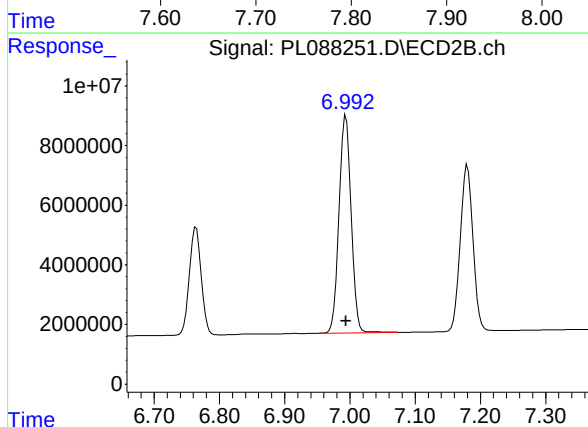
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 165122483
Conc: 58.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

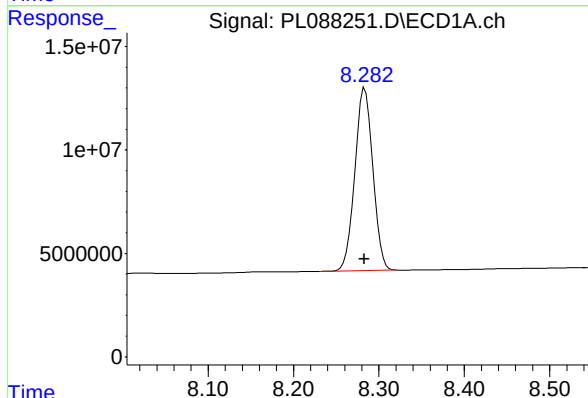
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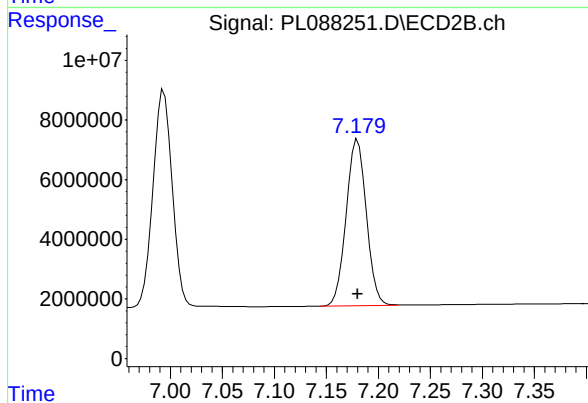
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 94297661
Conc: 56.32 ng/ml



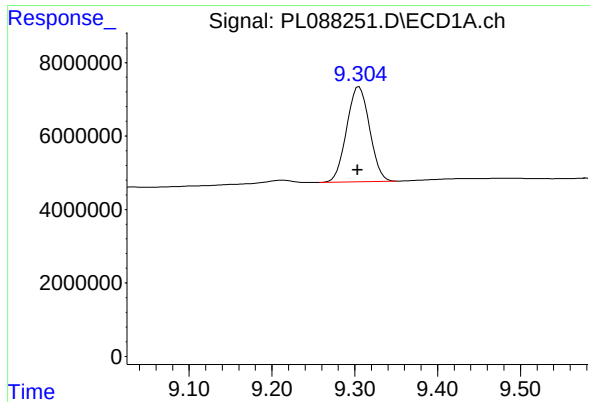
#22 Mirex

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 129649534
Conc: 55.95 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 75271291
Conc: 57.45 ng/ml m



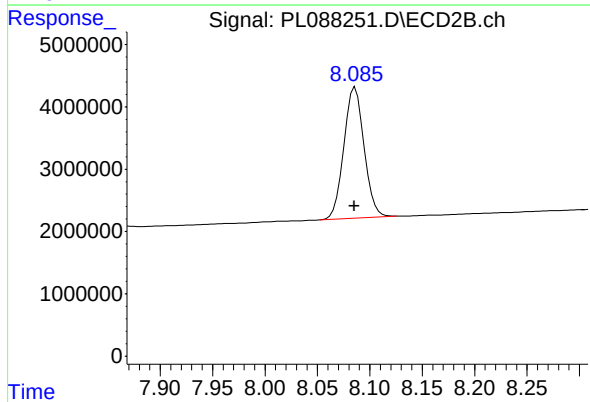
#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.001 min
Response: 49897490
Conc: 25.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
336MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/26/2024



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 28389118
Conc: 22.30 ng/ml