

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
 Data File : PD084516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 13:20
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2024
 Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 15:42:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 15:31:07 2024
 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...	3.583	2.926	20882388	140.7E6	25.199	27.022
28)	SA Decachlor...	9.114	8.137	42593979	117.4E6	25.145	26.730
Target Compounds							
2)	A alpha-BHC	4.031	3.440	34717283	208.3E6	22.919	26.708
3)	MA gamma-BHC...	4.361	3.775	35472831	199.5E6	23.274	26.784
4)	MA Heptachlor	4.961	4.132	38564385	191.9E6	23.768	27.481
5)	MB Aldrin	5.304	4.419	38787702	189.9E6	23.728	27.357
6)	B beta-BHC	4.543	4.068	16033694	90325650	24.939	26.950
7)	B delta-BHC	4.792	4.307	35467958	205.3E6	22.958	26.872
8)	B Heptachlo...	5.723	4.924	37530657	173.4E6	24.338	27.480
9)	A Endosulfan I	6.108	5.301	37116755	162.8E6	24.224	27.395
10)	B gamma-Chl...	5.978	5.178	38283423	178.6E6	24.233	27.349
11)	B alpha-Chl...	6.060	5.243	38473389	172.9E6	24.328	27.311
12)	B 4,4'-DDE	6.227	5.428	37336574	175.6E6	24.029	27.100
13)	MA Dieldrin	6.380	5.568	38804134	180.9E6	23.822	27.342
14)	MA Endrin	6.608	5.845	33766103	166.5E6	23.925	27.483
15)	B Endosulfa...	6.819	6.136	35749568	153.2E6	24.489	27.215
16)	A 4,4'-DDD	6.736	5.984	27836124	146.4E6	23.684	26.982
17)	MA 4,4'-DDT	7.053	6.240	32924552	149.7E6	23.848	26.704
18)	B Endrin al...	6.946	6.315	27201989	113.0E6	24.647m	27.047
19)	B Endosulfa...	7.182	6.540	33965829	137.7E6	24.634	27.360
20)	A Methoxychlor	7.524	6.813	18658347	77168216	24.879	27.102
21)	B Endrin ke...	7.664	7.051	38790208	161.9E6	24.477	27.359
22)	Mirex	8.149	7.250	31091578	114.2E6	25.582	26.954

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
Data File : PD084516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 13:20
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC025

Manual Integrations

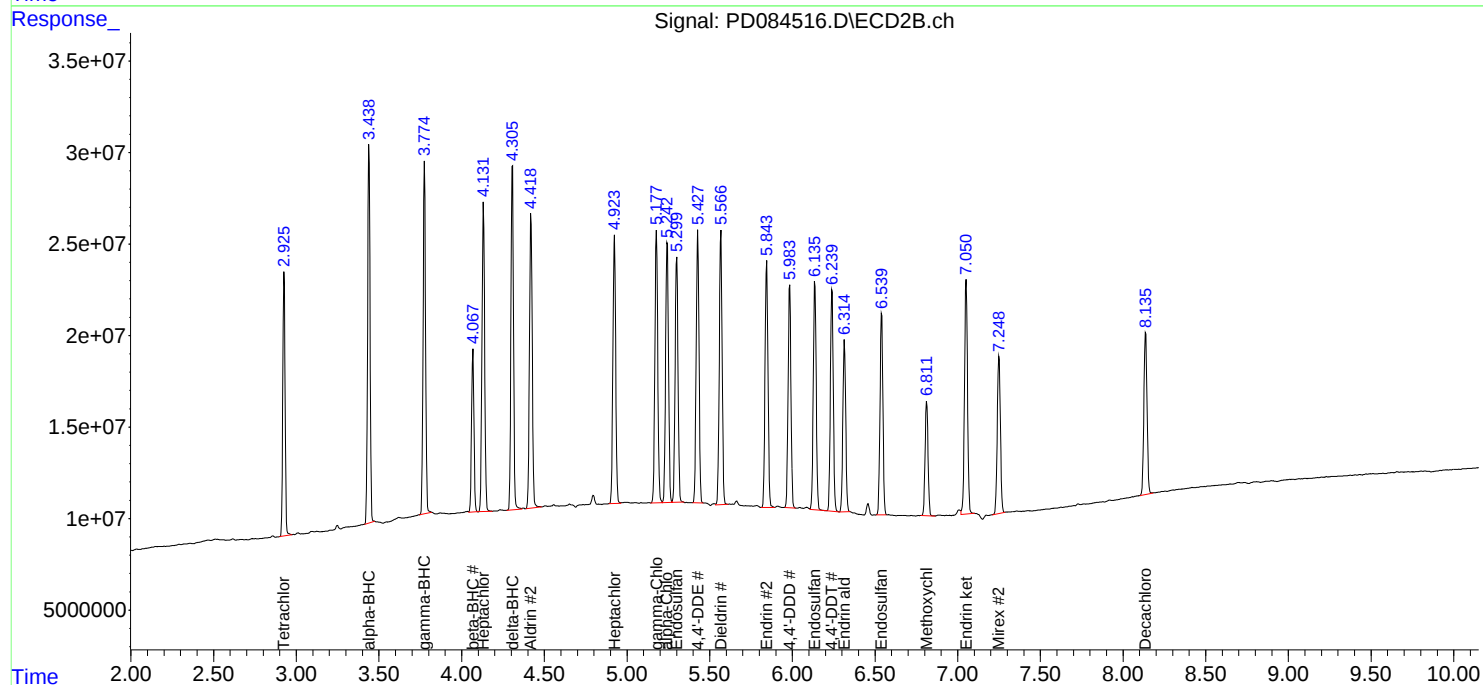
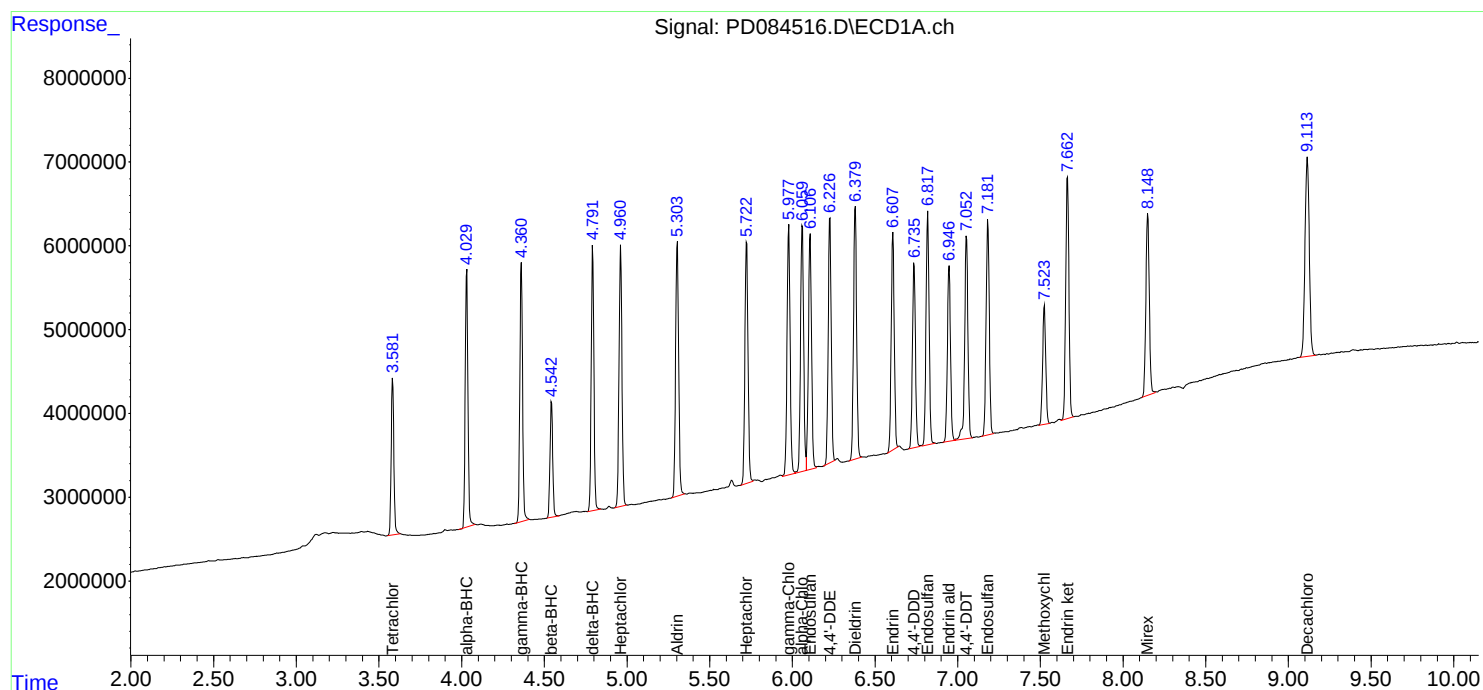
APPROVED

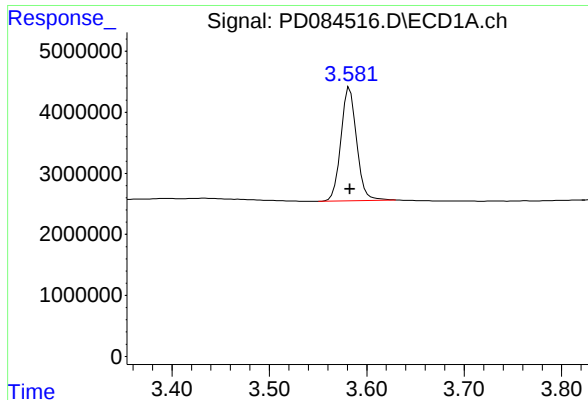
Reviewed By :Abdul Mirza 08/20/2024

Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 15:42:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
Quant Title : GC Extractables
QLast Update : Mon Aug 19 15:31:07 2024
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





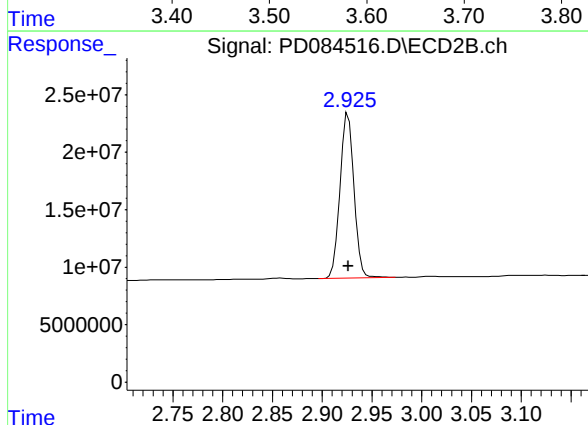
#1 Tetrachloro-m-xylene

R.T.: 3.583 min
Delta R.T.: 0.000 min
Response: 20882388
Conc: 25.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

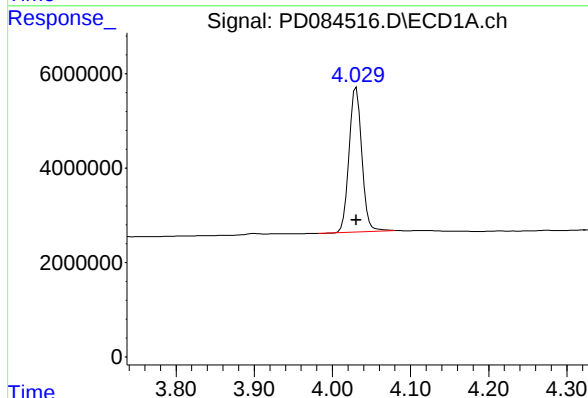
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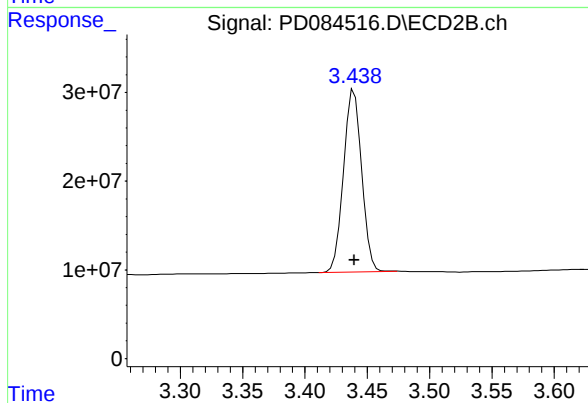
#1 Tetrachloro-m-xylene

R.T.: 2.926 min
Delta R.T.: 0.000 min
Response: 140730208
Conc: 27.02 ng/ml



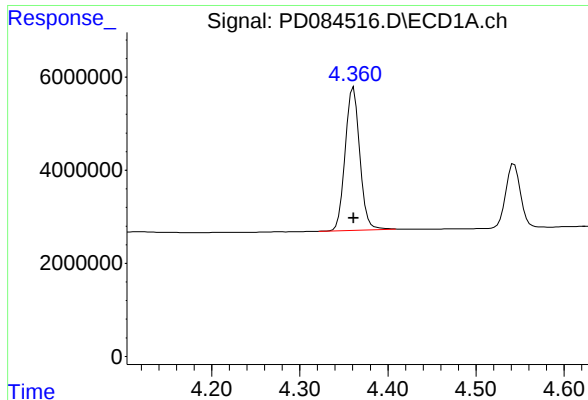
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 34717283
Conc: 22.92 ng/ml



#2 alpha-BHC

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 208304369
Conc: 26.71 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 35472831
Conc: 23.27 ng/ml

Instrument :

ECD_D

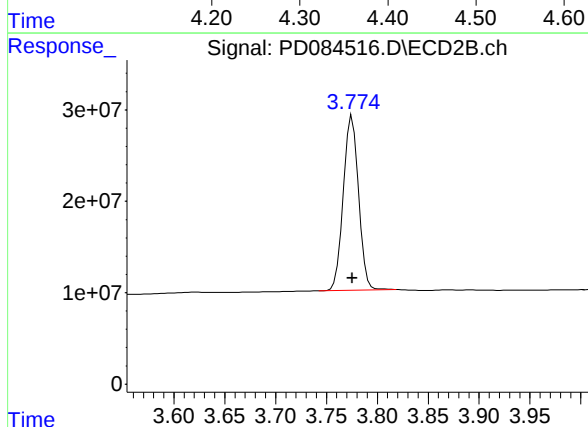
ClientSampleId :

PSTDICC025

Manual Integrations

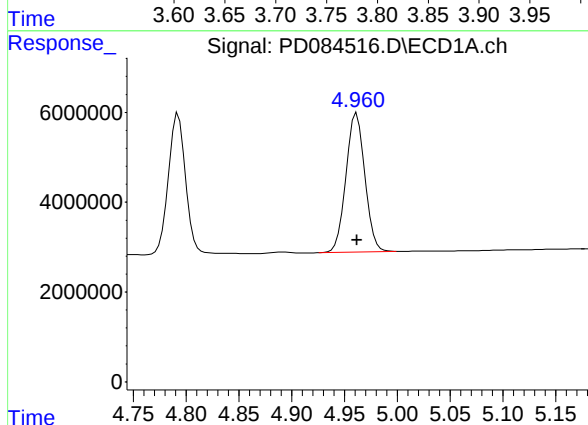
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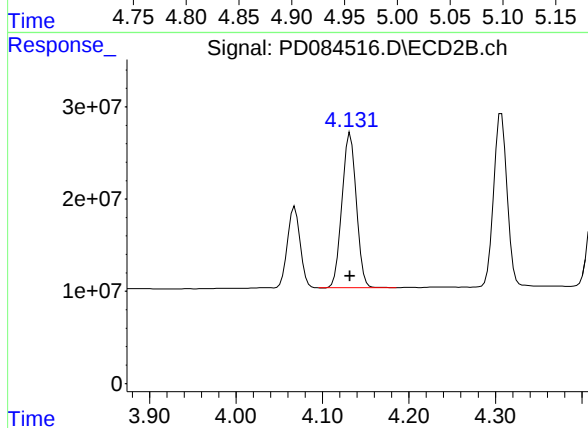
#3 gamma-BHC (Lindane)

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 199544154
Conc: 26.78 ng/ml



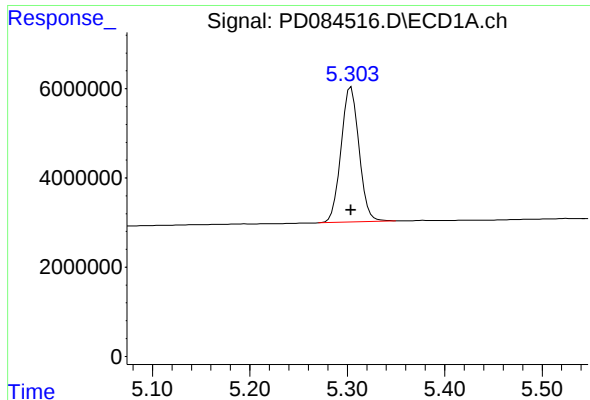
#4 Heptachlor

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 38564385
Conc: 23.77 ng/ml



#4 Heptachlor

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 191891340
Conc: 27.48 ng/ml



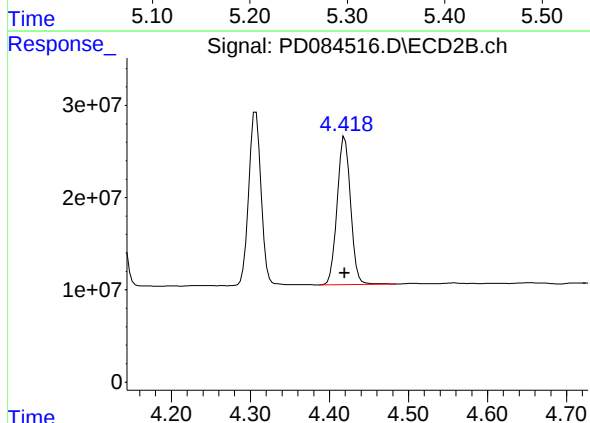
#5 Aldrin

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 38787702
Conc: 23.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

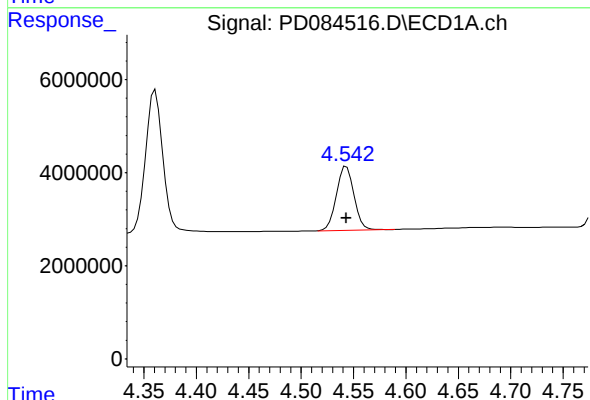
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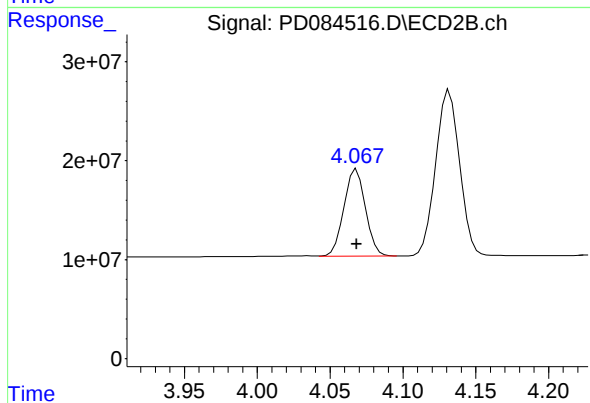
#5 Aldrin

R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 189852848
Conc: 27.36 ng/ml



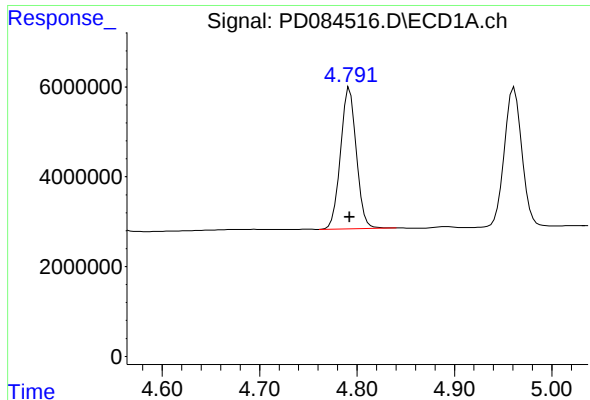
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 16033694
Conc: 24.94 ng/ml



#6 beta-BHC

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 90325650
Conc: 26.95 ng/ml



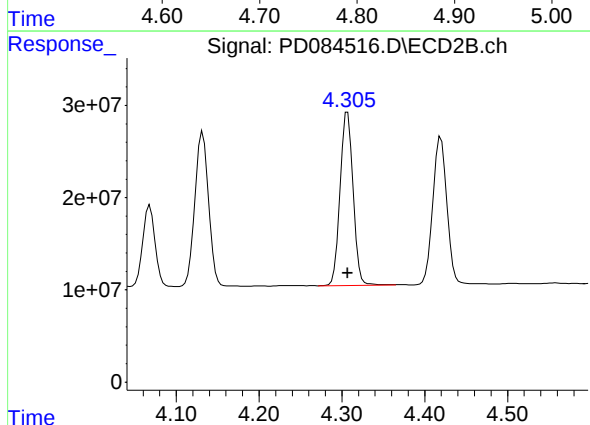
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 35467958
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

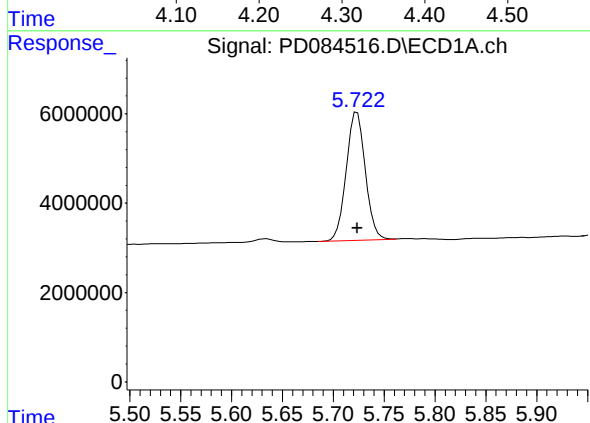
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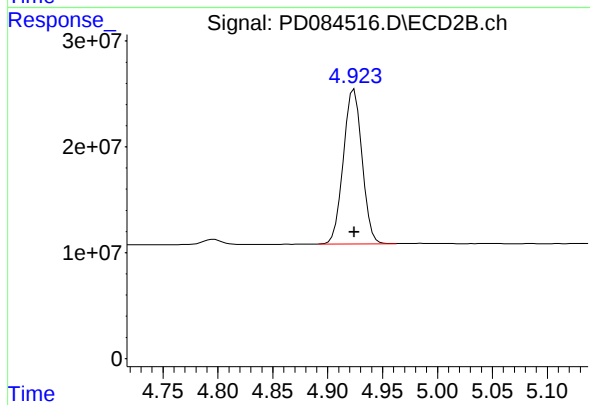
#7 delta-BHC

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 205331972
Conc: 26.87 ng/ml



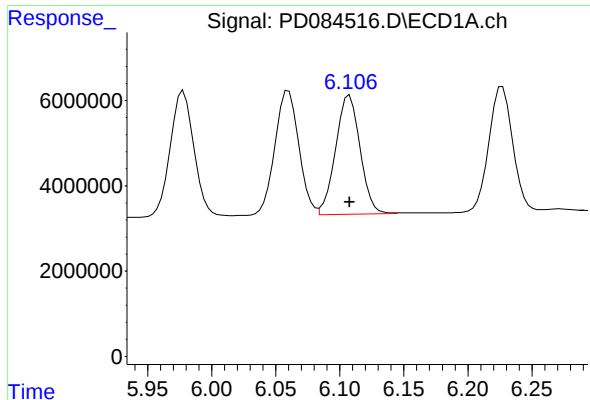
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 37530657
Conc: 24.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 173437178
Conc: 27.48 ng/ml



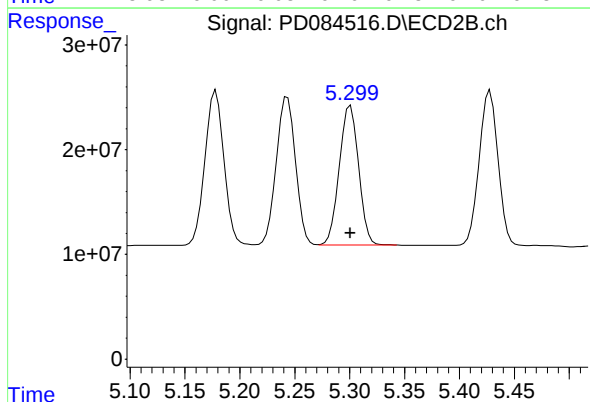
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 37116755
Conc: 24.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

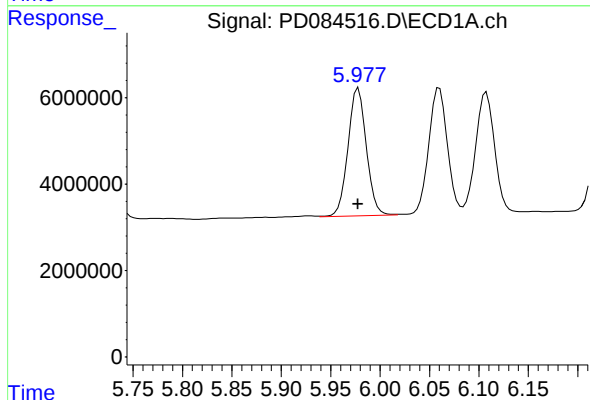
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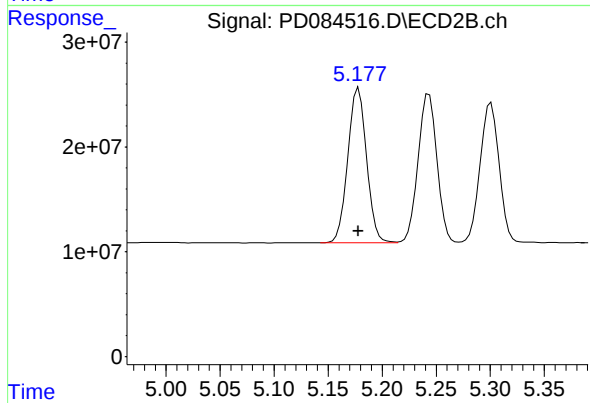
#9 Endosulfan I

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 162841708
Conc: 27.40 ng/ml



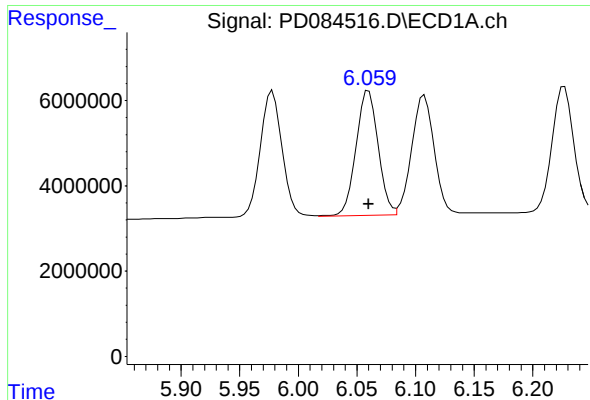
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 38283423
Conc: 24.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 178604458
Conc: 27.35 ng/ml



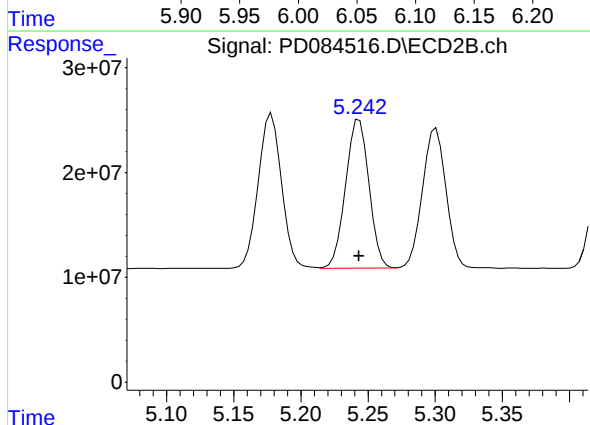
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 38473389
Conc: 24.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

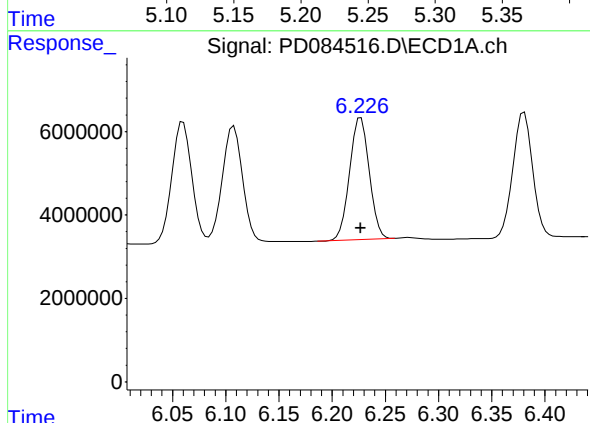
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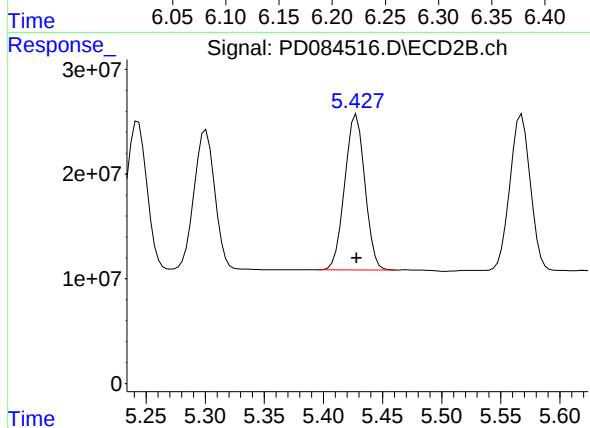
#11 alpha-Chlordane

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 172855872
Conc: 27.31 ng/ml



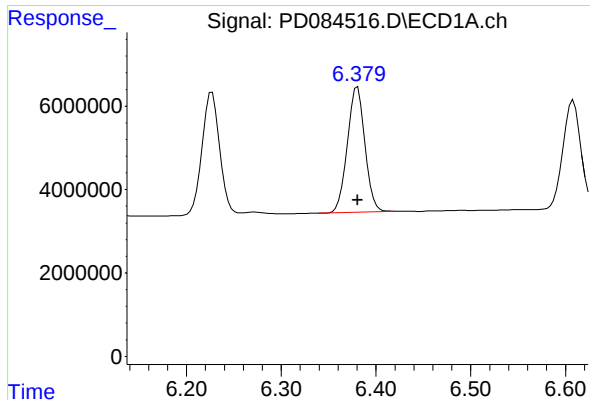
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 37336574
Conc: 24.03 ng/ml



#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 175586181
Conc: 27.10 ng/ml



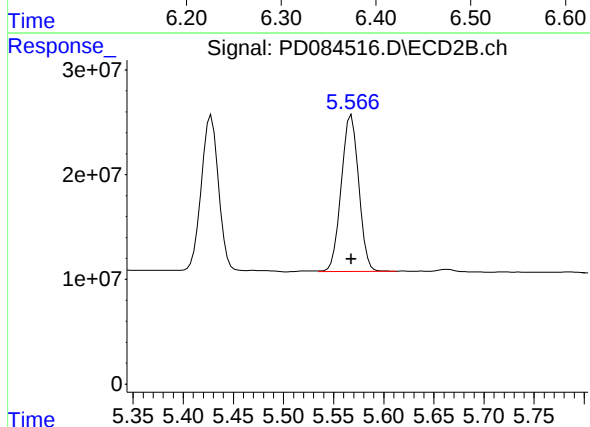
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 38804134
Conc: 23.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

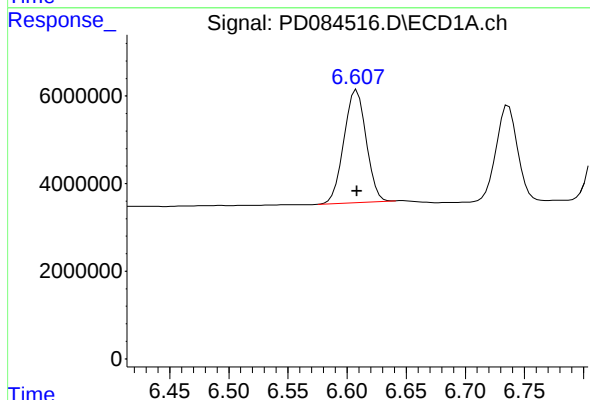
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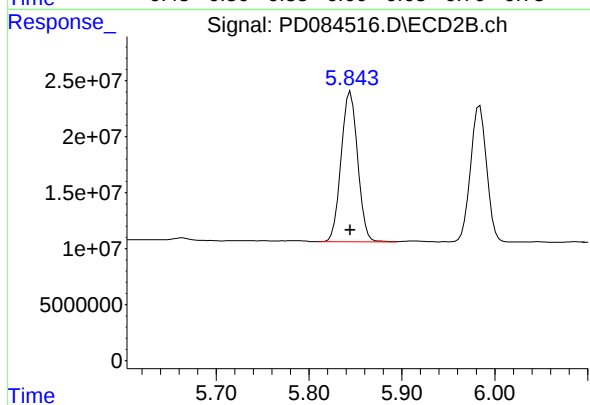
#13 Dieldrin

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 180877513
Conc: 27.34 ng/ml



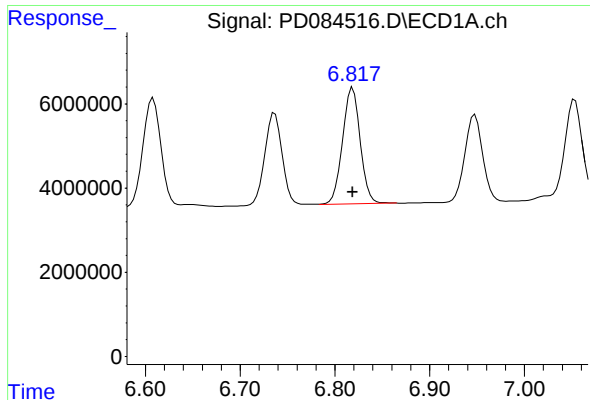
#14 Endrin

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 33766103
Conc: 23.92 ng/ml



#14 Endrin

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 166533779
Conc: 27.48 ng/ml



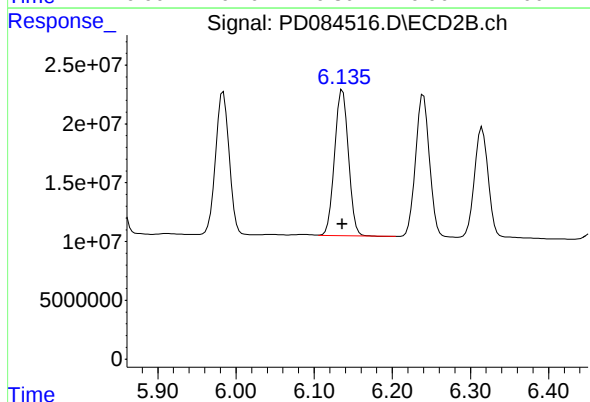
#15 Endosulfan II

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 35749568
Conc: 24.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

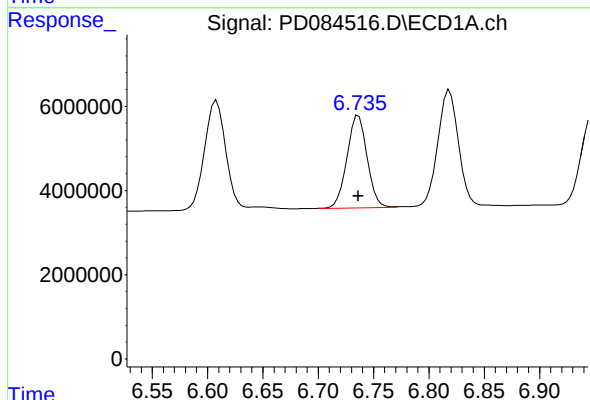
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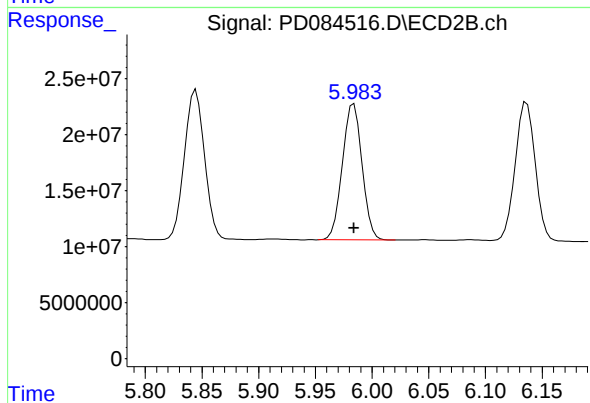
#15 Endosulfan II

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 153246454
Conc: 27.22 ng/ml



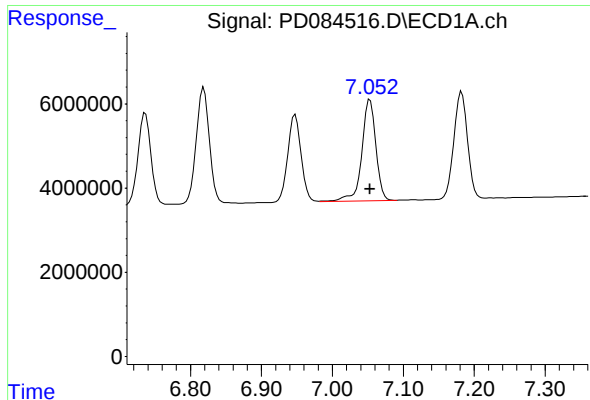
#16 4,4'-DDD

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 27836124
Conc: 23.68 ng/ml



#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 146371091
Conc: 26.98 ng/ml



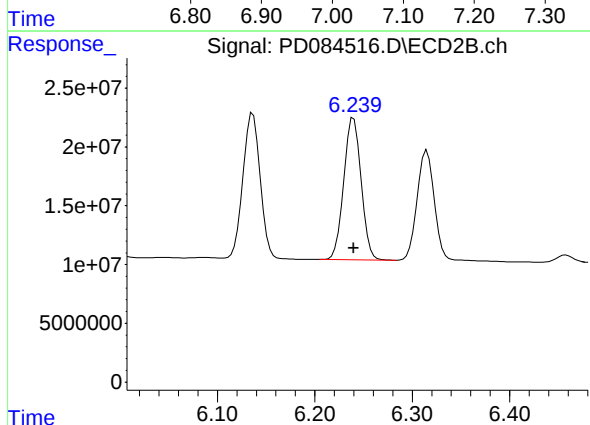
#17 4,4'-DDT

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 32924552
Conc: 23.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

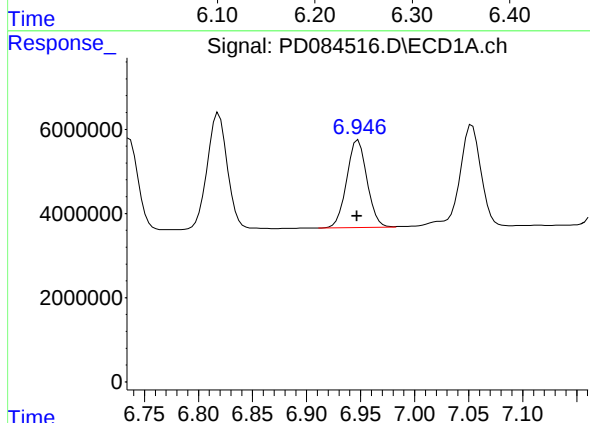
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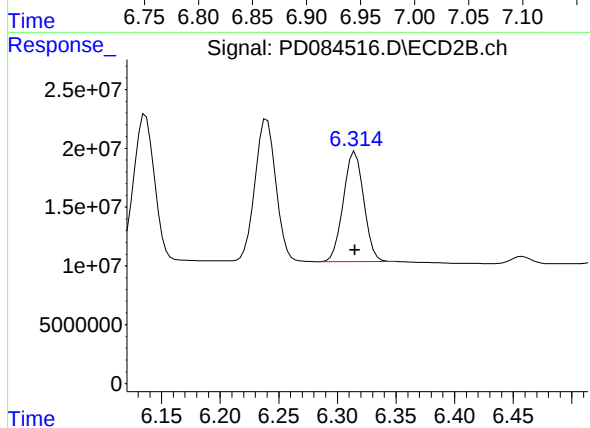
#17 4,4'-DDT

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 149687677
Conc: 26.70 ng/ml



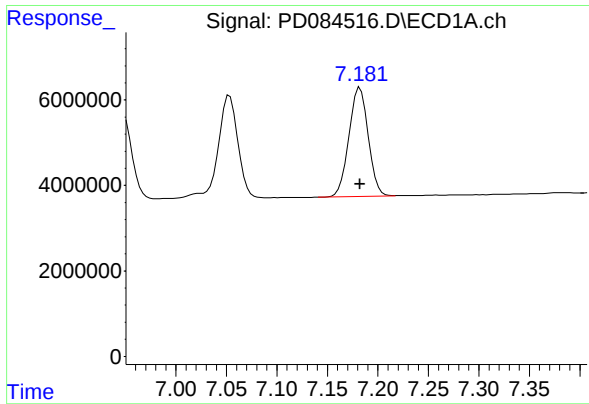
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 27201989
Conc: 24.65 ng/ml m



#18 Endrin aldehyde

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 113023474
Conc: 27.05 ng/ml



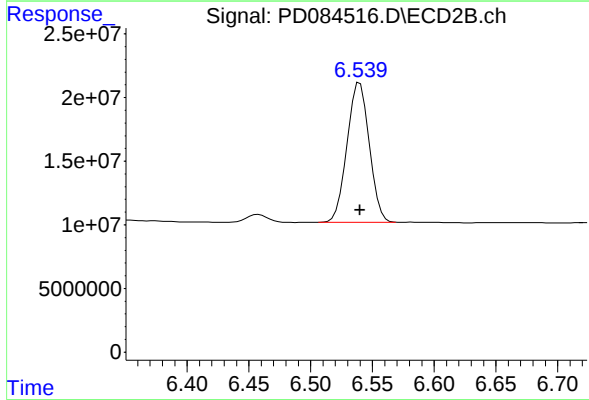
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 33965829
Conc: 24.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

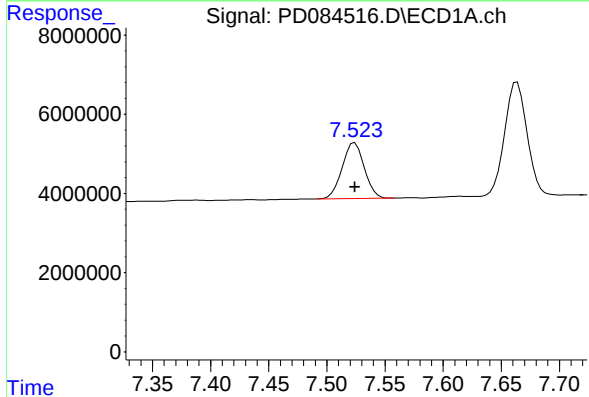
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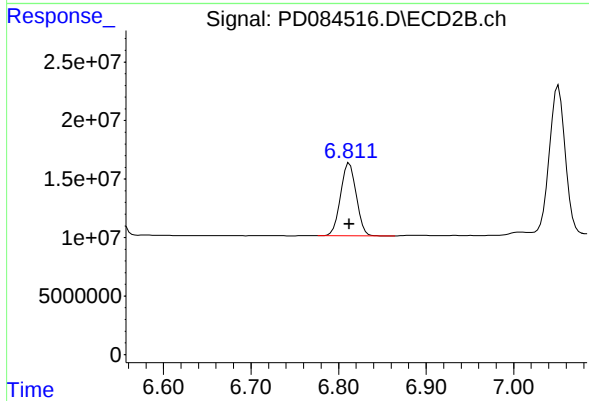
#19 Endosulfan Sulfate

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 137681324
Conc: 27.36 ng/ml



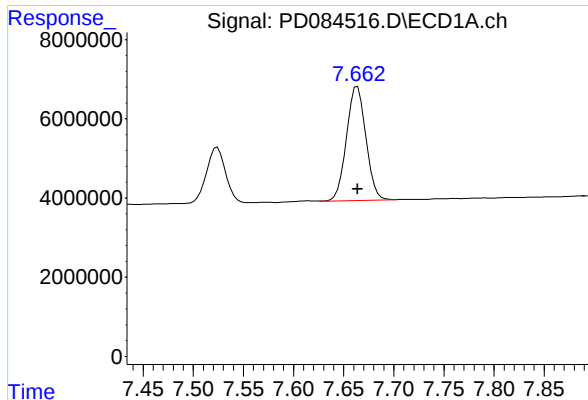
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 18658347
Conc: 24.88 ng/ml



#20 Methoxychlor

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 77168216
Conc: 27.10 ng/ml



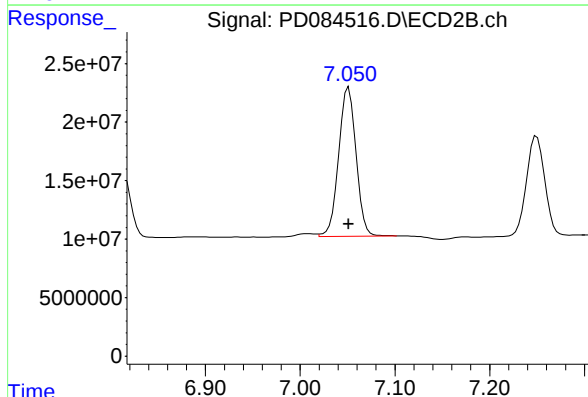
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 38790208
Conc: 24.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

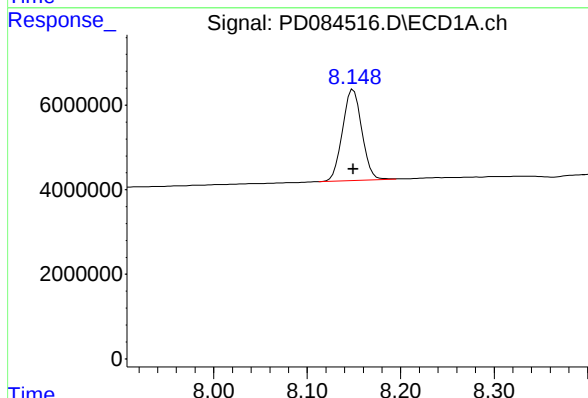
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



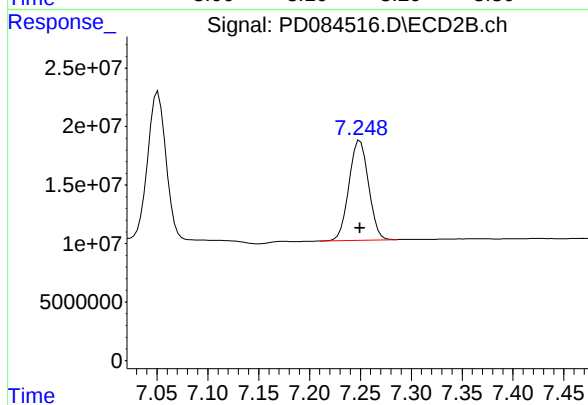
#21 Endrin ketone

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 161890310
Conc: 27.36 ng/ml



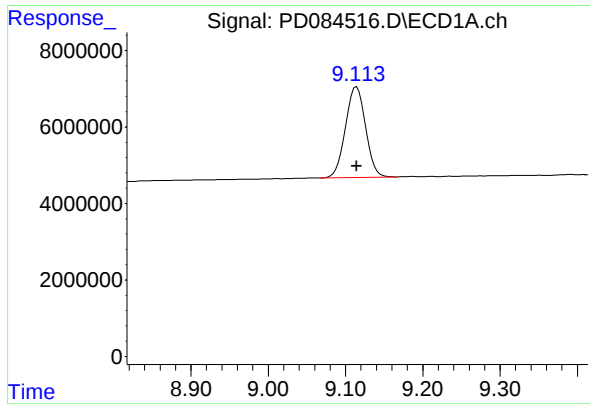
#22 Mirex

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 31091578
Conc: 25.58 ng/ml



#22 Mirex

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 114203889
Conc: 26.95 ng/ml



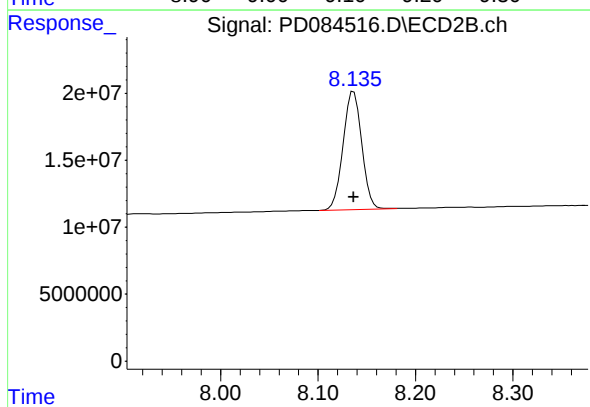
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 42593979
Conc: 25.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 117411557
Conc: 26.73 ng/ml