

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
 Data File : PD084237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 17:12
 Operator : AR\AJ
 Sample : P3460-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11929MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:22:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.561	2.771	18002272	104.3E6	17.606	18.133
28)	SA Decachlor...	9.112	7.894	31690318	95041863	13.882	14.799
Target Compounds							
2)	A alpha-BHC	4.018	3.270	90578577	432.9E6	46.112	48.825
3)	MA gamma-BHC...	4.351	3.598	89515250	410.0E6	46.320m	51.279
4)	MA Heptachlor	4.944	3.936	92967012	404.7E6	46.736	49.822
5)	MB Aldrin	5.286	4.213	93603467	408.9E6	45.995m	50.931m
6)	B beta-BHC	4.550	3.895	36409423	176.0E6	45.901	50.028
7)	B delta-BHC	4.799	4.124	88894536	418.4E6	48.894	50.281
8)	B Heptachlo...	5.715	4.715	85175001	355.3E6	47.778	49.433
9)	A Endosulfan I	6.103	5.085	86679160	325.1E6	44.829	47.138
10)	B gamma-Chl...	5.972	4.964	119.8E6	462.5E6	59.923	61.007m
11)	B alpha-Chl...	6.052	5.029	131.0E6	460.4E6	65.695	61.651
12)	B 4,4'-DDE	6.223	5.217	89279400	376.2E6	44.785	52.809
13)	MA Dieldrin	6.378	5.348	92709799	363.6E6	44.944	48.428
14)	MA Endrin	6.609	5.622	76173581	305.0E6	42.677	46.115m
15)	B Endosulfa...	6.829	5.918	84241325	300.0E6	44.116	46.956
16)	A 4,4'-DDD	6.741	5.770	71562044	270.9E6	47.238m	48.913
17)	MA 4,4'-DDT	7.058	6.019	72857162	289.0E6	42.420	50.378m
18)	B Endrin al...	6.960	6.096	62234492	224.9E6	42.368	44.807
19)	B Endosulfa...	7.195	6.319	76942227	291.1E6	42.356	47.570
20)	A Methoxychlor	7.534	6.595	36720177	117.4E6	37.267	39.802
21)	B Endrin ke...	7.680	6.825	81747086	291.0E6	39.582m	42.989
22)	Mirex	8.157	7.004	63179782	214.8E6	38.793	39.638

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
Data File : PD084237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2024 17:12
Operator : AR\AJ
Sample : P3460-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

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Manual Integrations

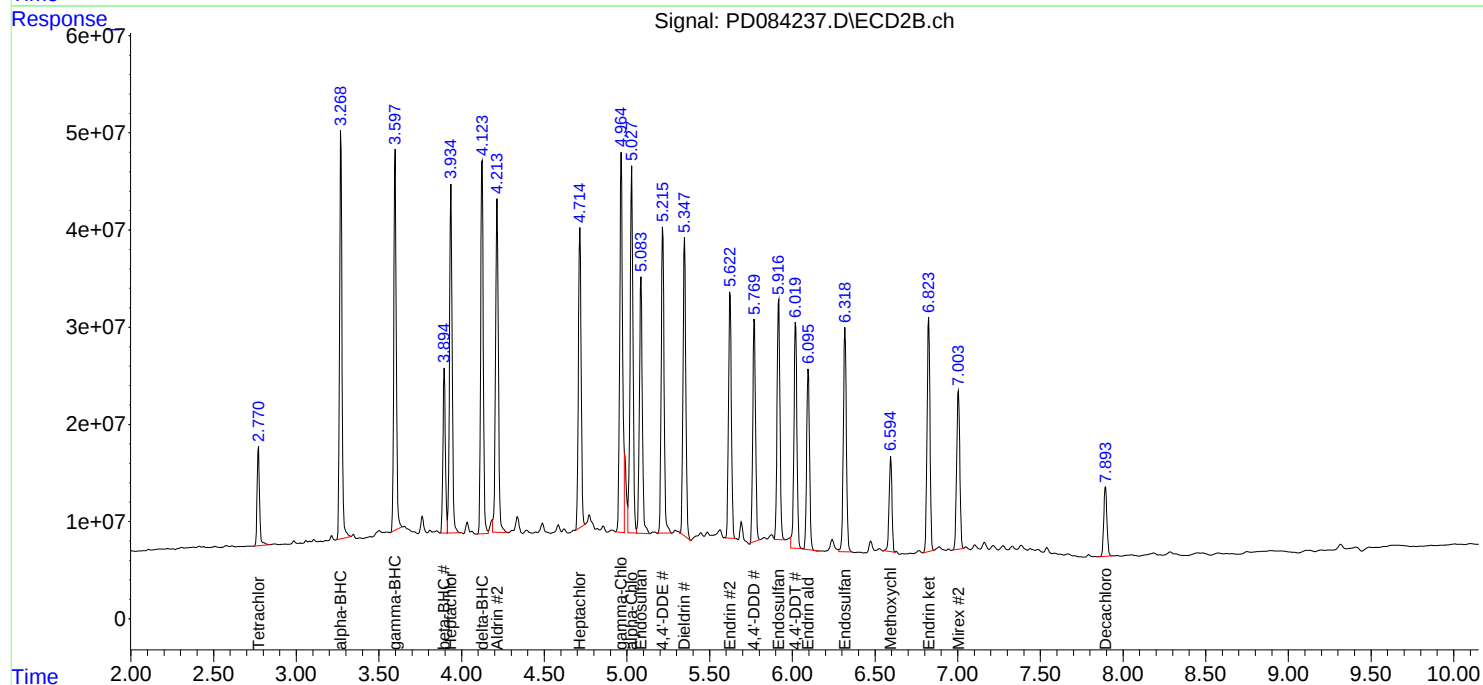
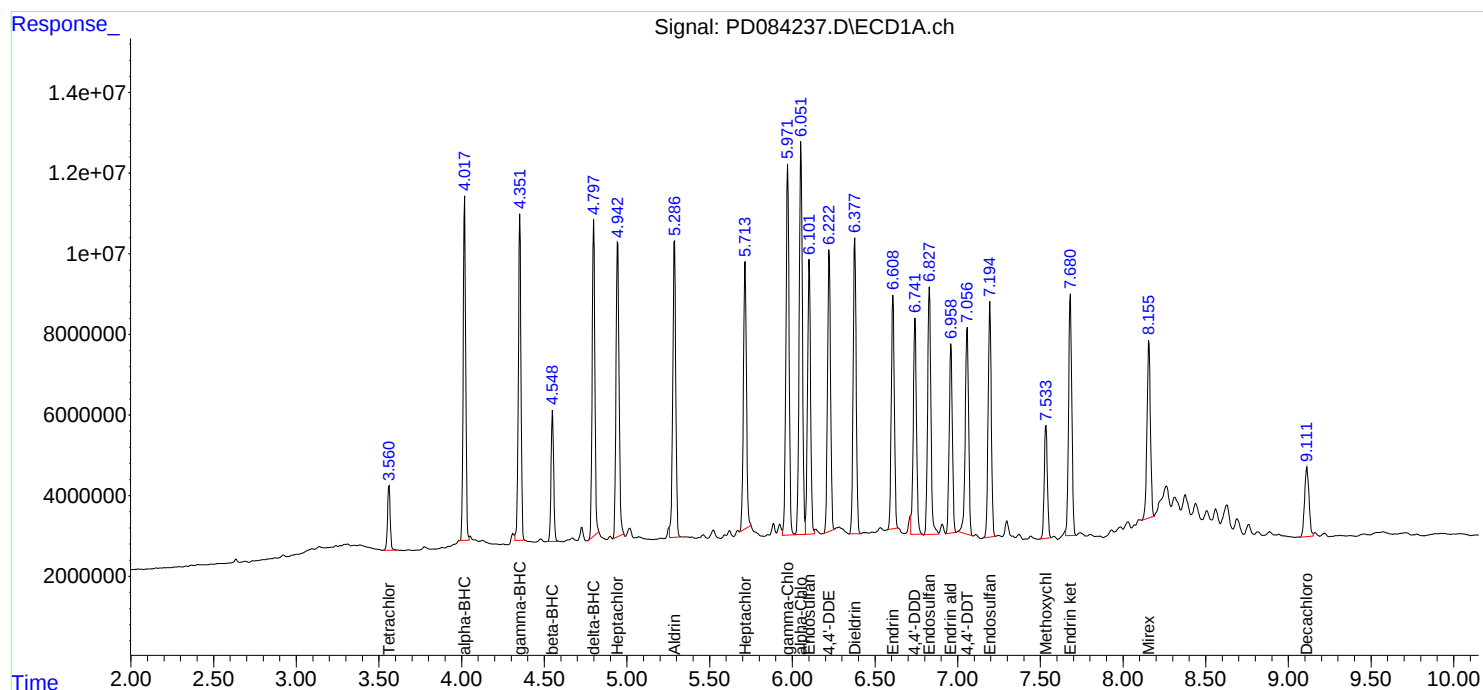
APPROVED

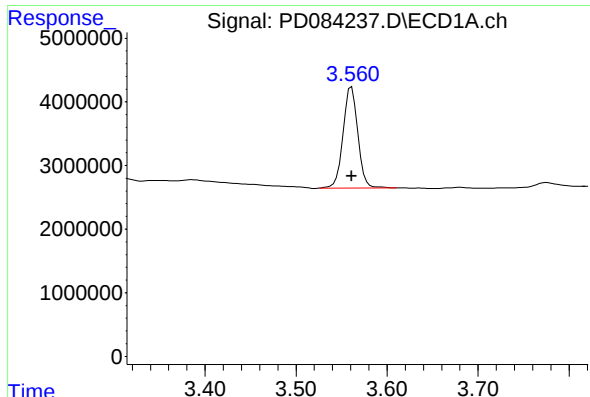
Reviewed By :Abdul Mirza 08/06/2024

Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:22:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
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





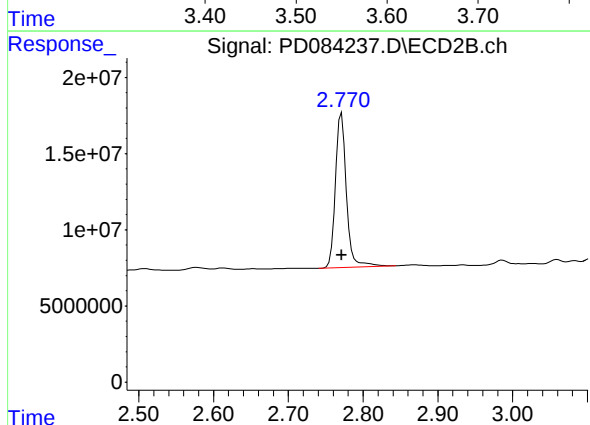
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 18002272
Conc: 17.61 ng/ml

Instrument :
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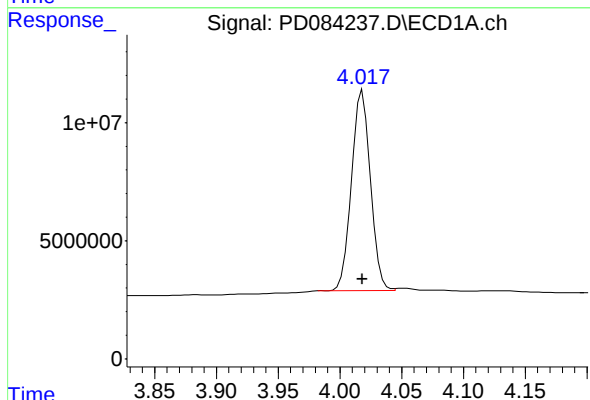
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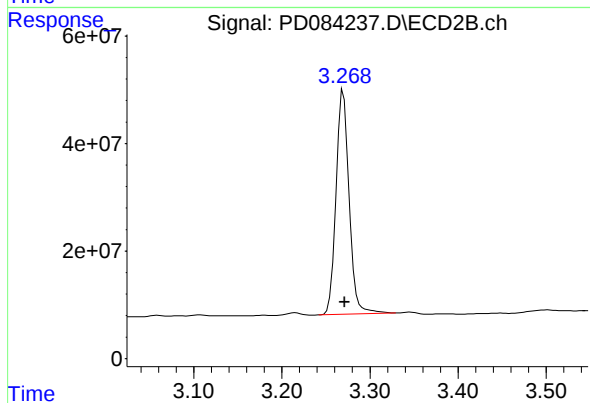
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 104258416
Conc: 18.13 ng/ml



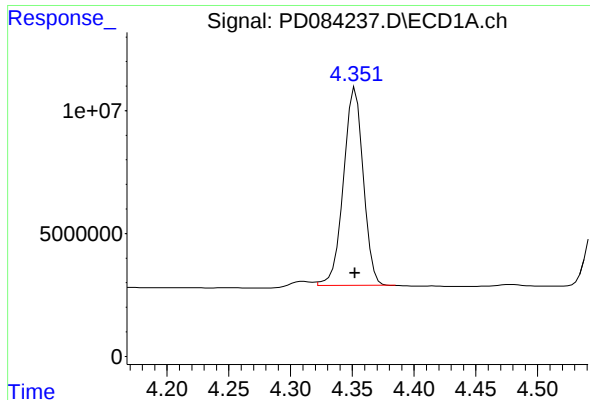
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 90578577
Conc: 46.11 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 432867918
Conc: 48.83 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.351 min
Delta R.T.: -0.001 min
Response: 89515250
Conc: 46.32 ng/ml

Instrument :

ECD_D

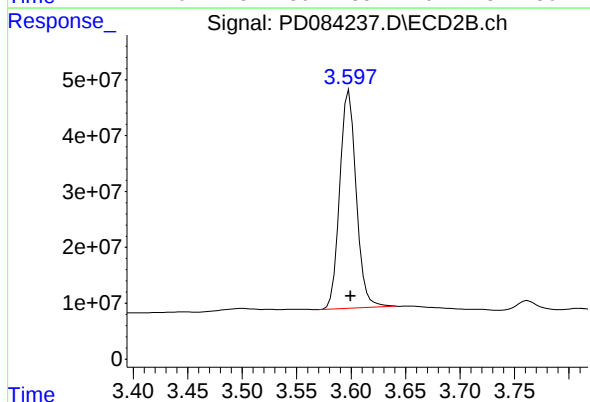
ClientSampleId :

72-11929MSD

Manual Integrations

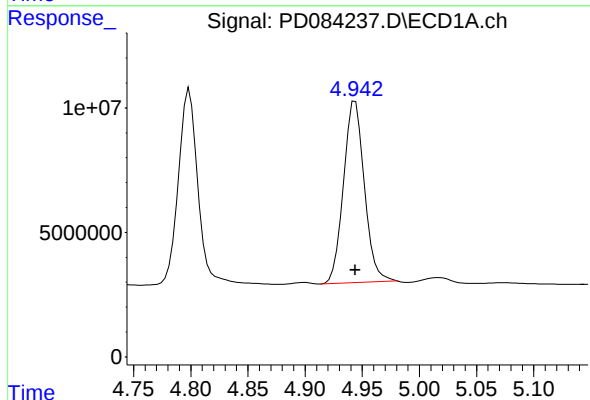
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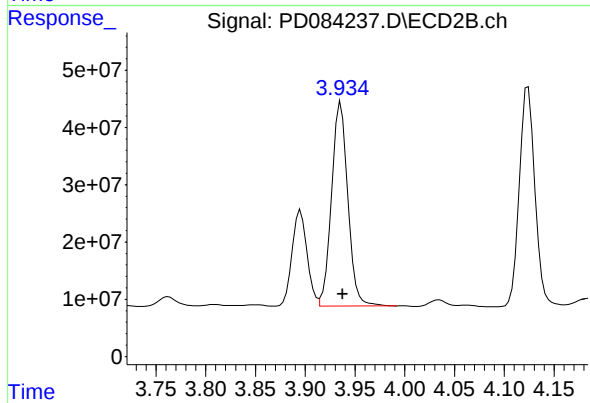
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 410016974
Conc: 51.28 ng/ml



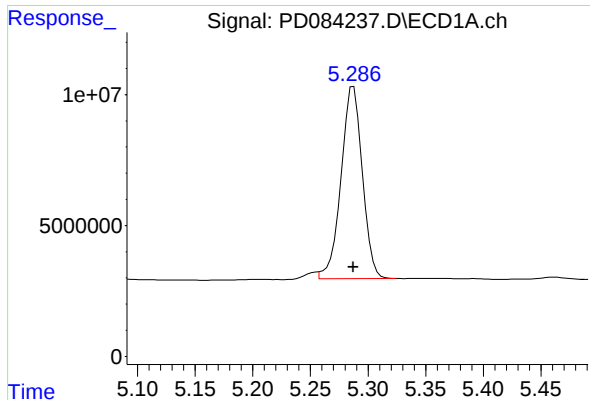
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 92967012
Conc: 46.74 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 404722315
Conc: 49.82 ng/ml



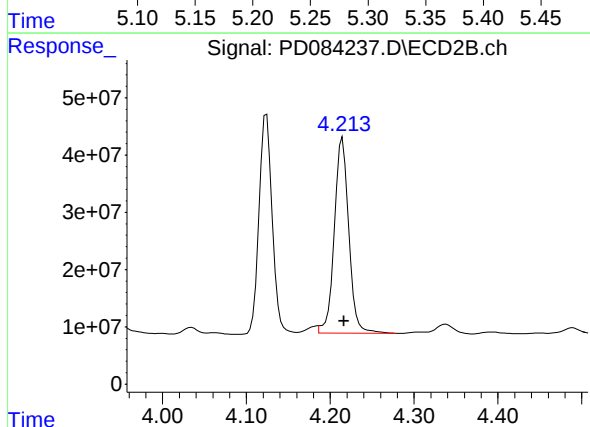
#5 Aldrin

R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 93603467
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MSD

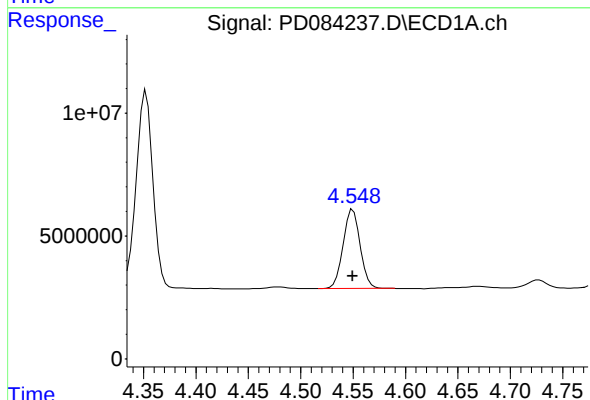
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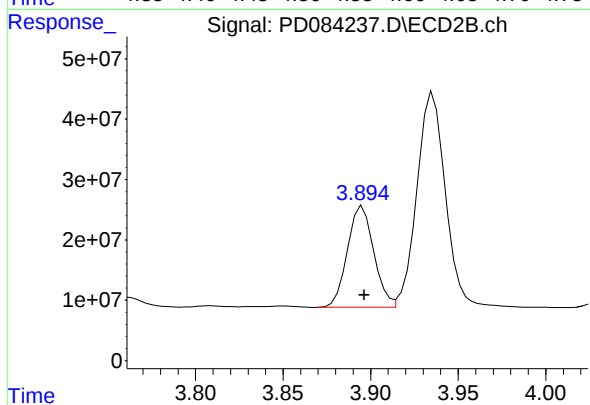
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: -0.003 min
Response: 408925042
Conc: 50.93 ng/ml m



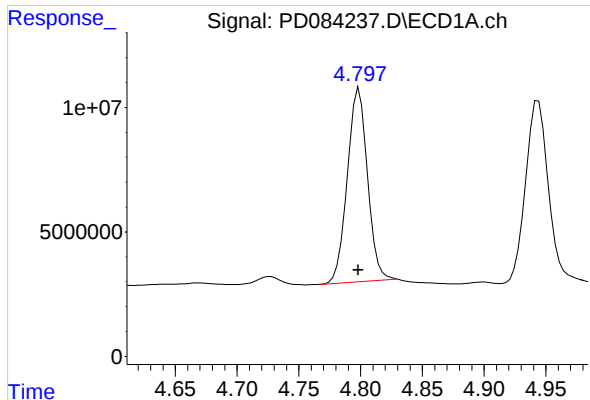
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 36409423
Conc: 45.90 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 176025521
Conc: 50.03 ng/ml



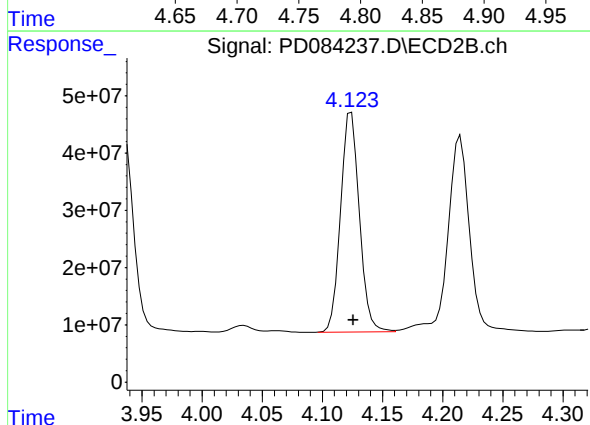
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 88894536
Conc: 48.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MSD

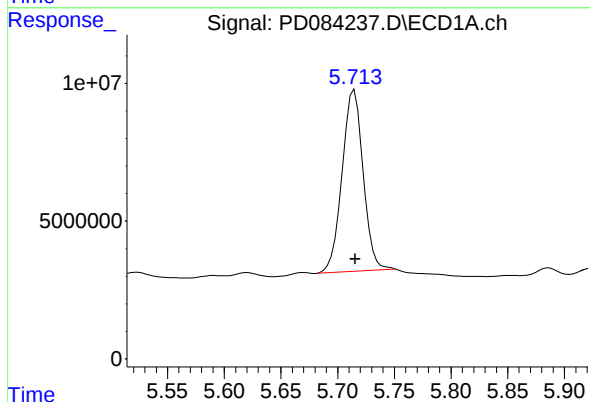
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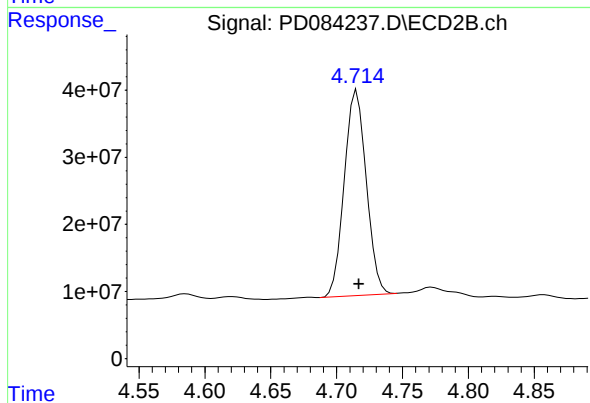
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 418354842
Conc: 50.28 ng/ml



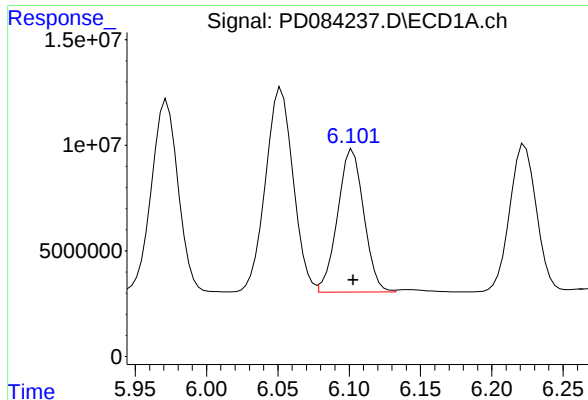
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 85175001
Conc: 47.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 355256918
Conc: 49.43 ng/ml



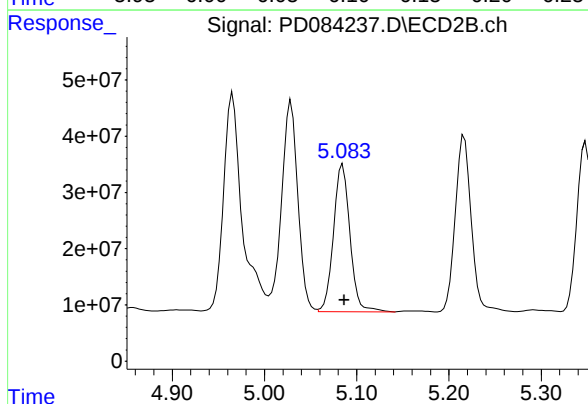
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 86679160
Conc: 44.83 ng/ml

Instrument :
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ClientSampleId :
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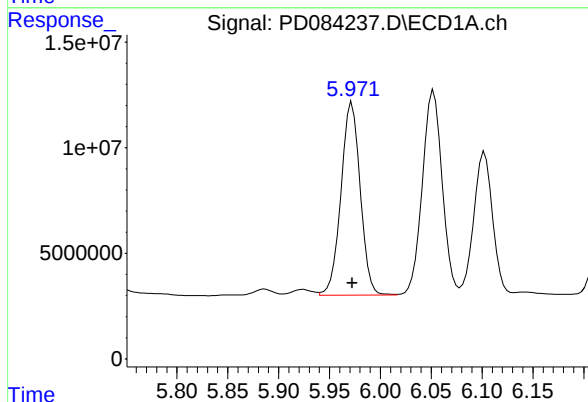
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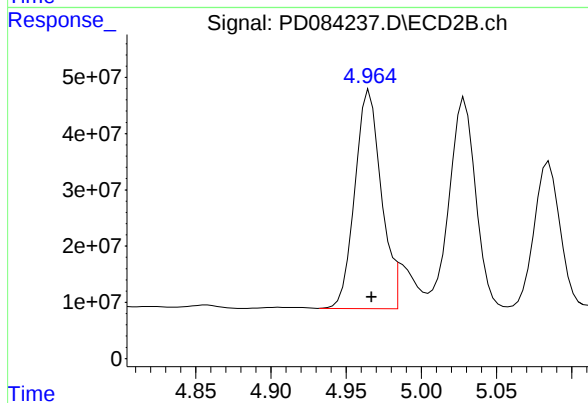
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 325070465
Conc: 47.14 ng/ml



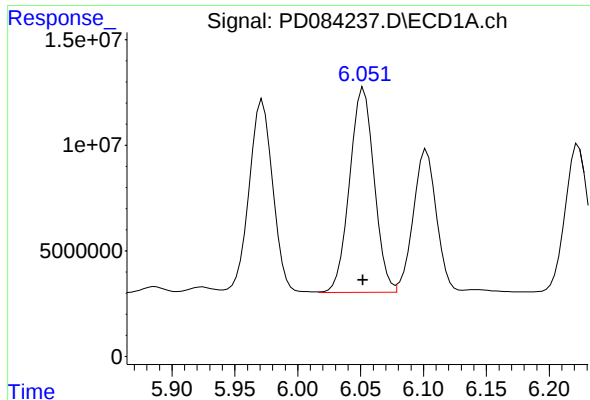
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 119815408
Conc: 59.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 462478699
Conc: 61.01 ng/ml m



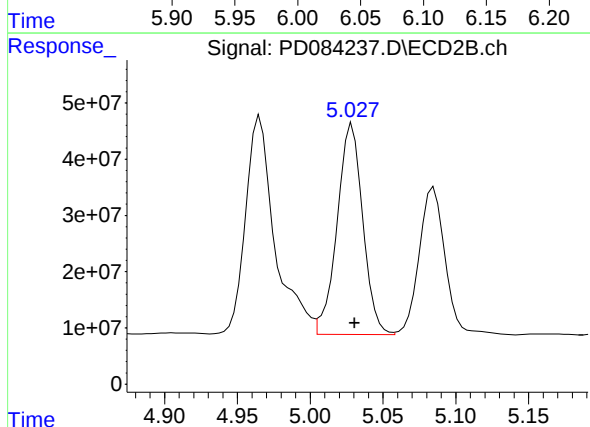
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 130999859
Conc: 65.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
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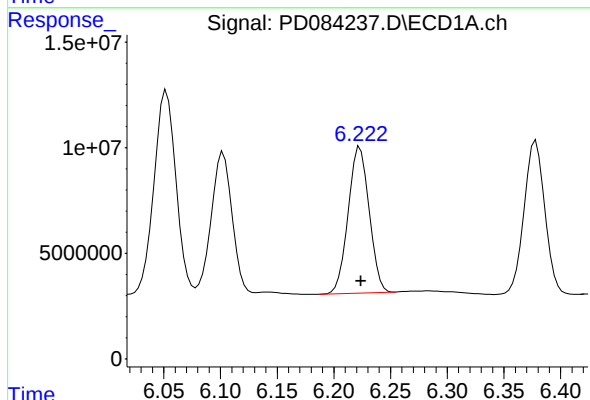
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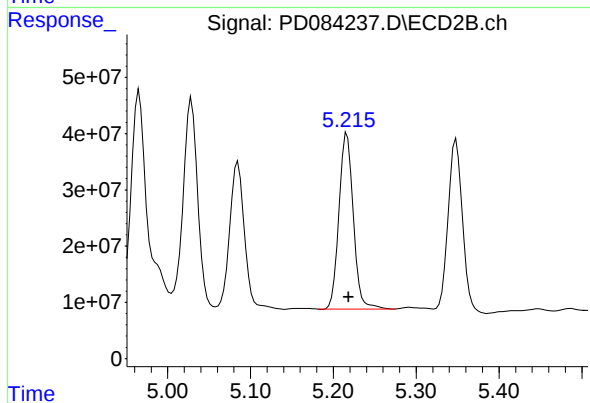
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 460394506
Conc: 61.65 ng/ml



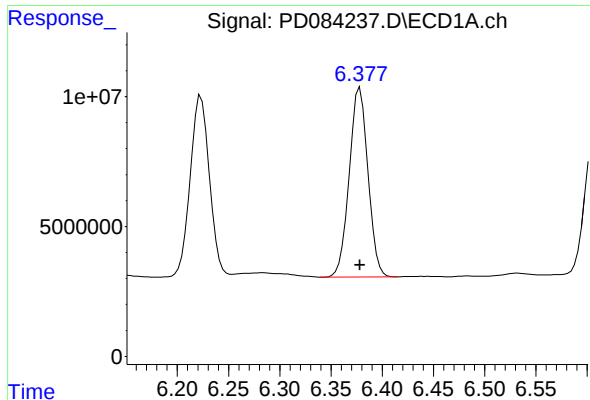
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 89279400
Conc: 44.78 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 376246418
Conc: 52.81 ng/ml



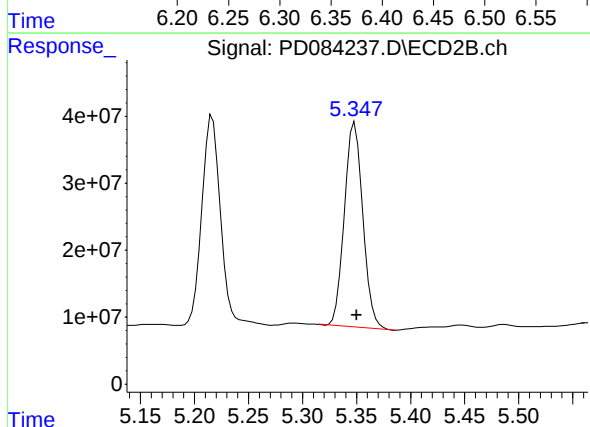
#13 Dieldrin

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 92709799
Conc: 44.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MSD

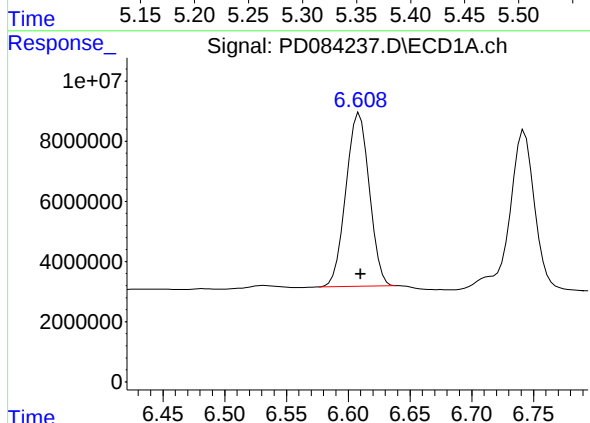
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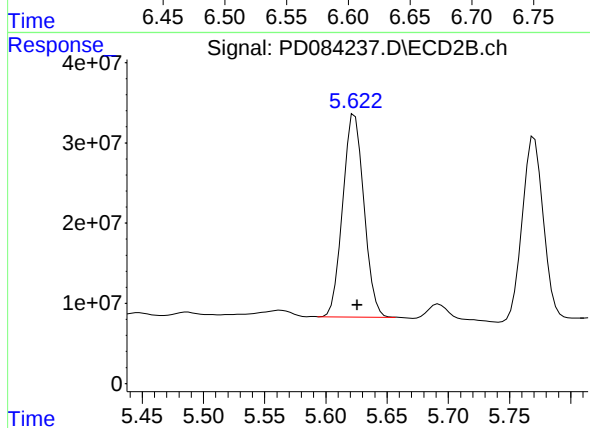
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 363608100
Conc: 48.43 ng/ml



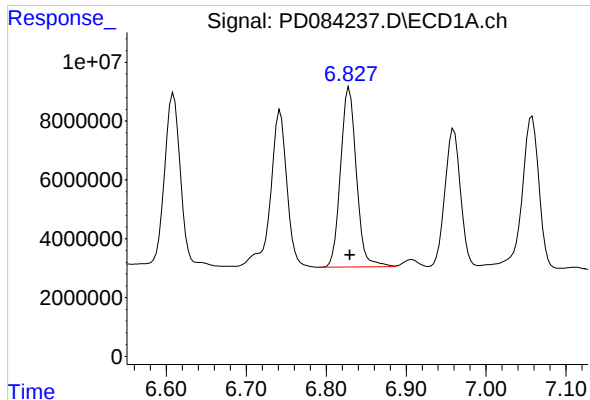
#14 Endrin

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 76173581
Conc: 42.68 ng/ml



#14 Endrin

R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 304961090
Conc: 46.11 ng/ml m



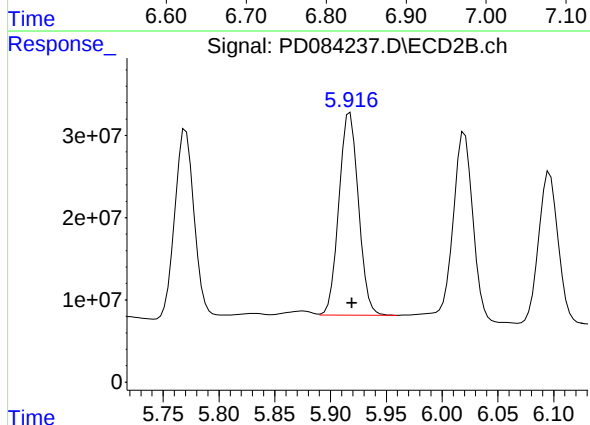
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 84241325
Conc: 44.12 ng/ml

Instrument :
ECD_D
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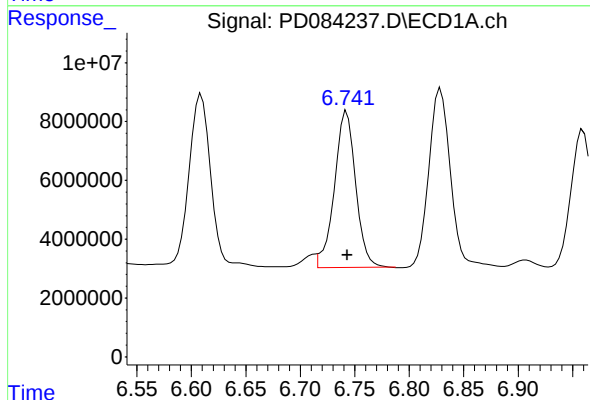
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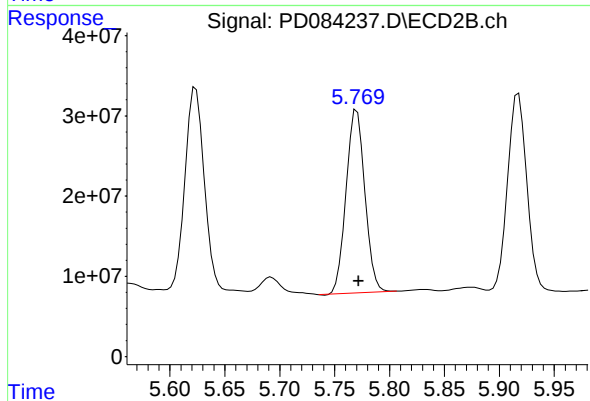
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 300004070
Conc: 46.96 ng/ml



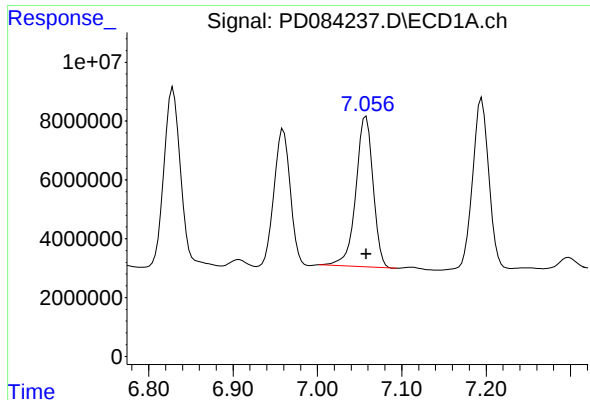
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 71562044
Conc: 47.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 270913585
Conc: 48.91 ng/ml



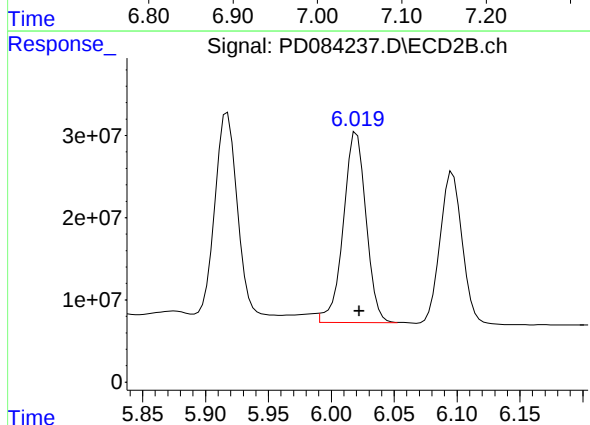
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 72857162
Conc: 42.42 ng/ml

Instrument :
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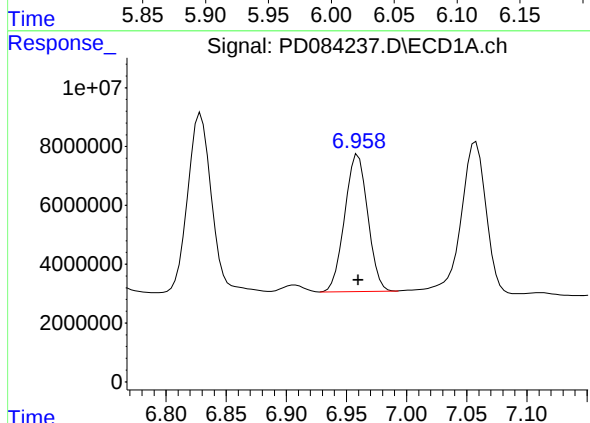
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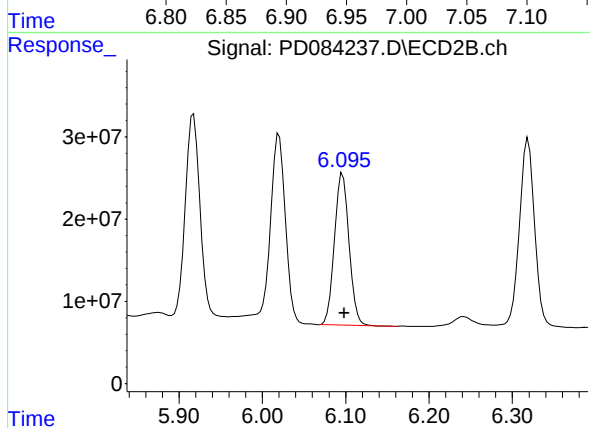
#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 288965467
Conc: 50.38 ng/ml



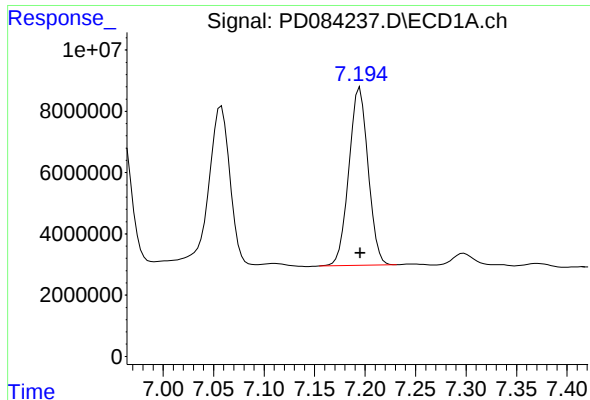
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 62234492
Conc: 42.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 224852524
Conc: 44.81 ng/ml



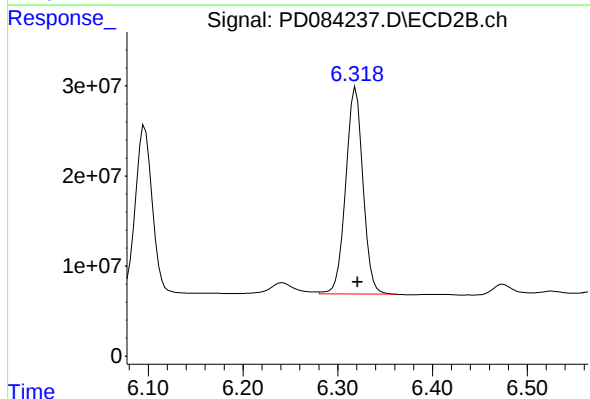
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 76942227
Conc: 42.36 ng/ml

Instrument :
ECD_D
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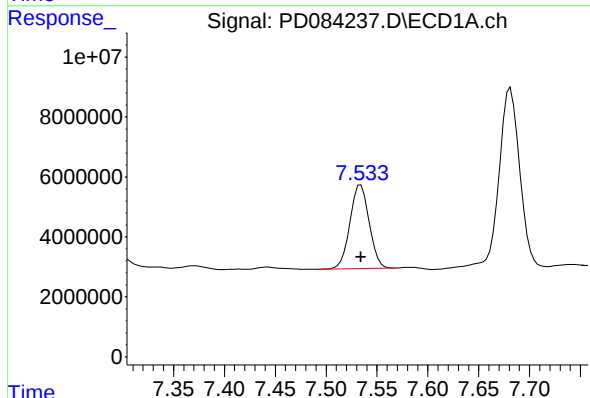
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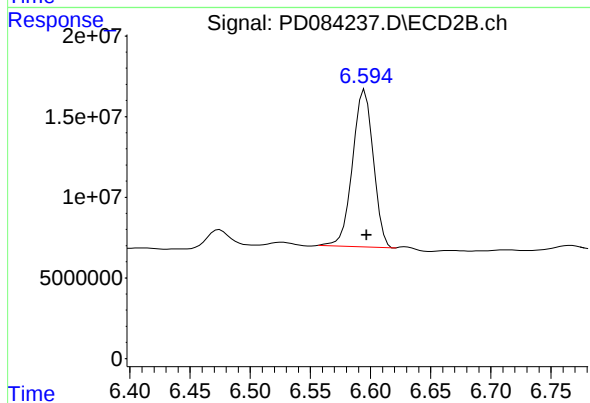
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 291133367
Conc: 47.57 ng/ml



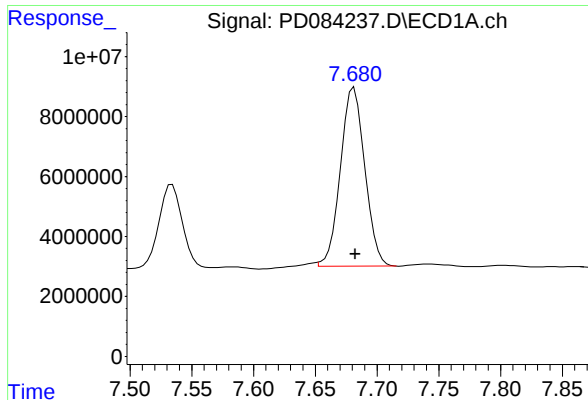
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 36720177
Conc: 37.27 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 117407424
Conc: 39.80 ng/ml



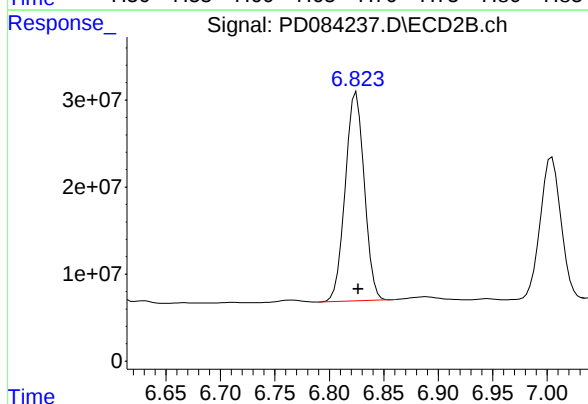
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 81747086
Conc: 39.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MSD

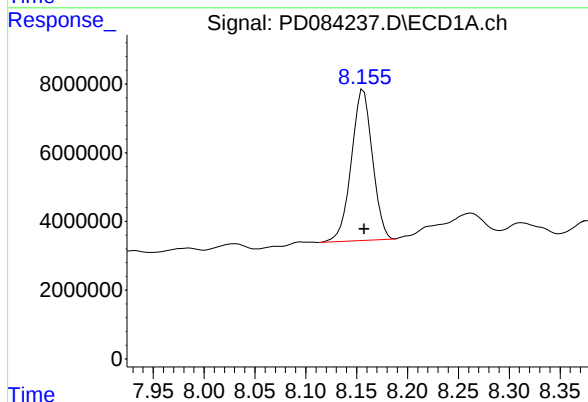
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2024
Supervised By :Ankita Jodhani 08/06/2024



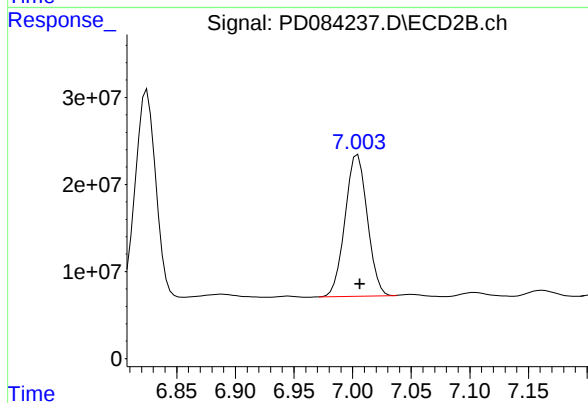
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 291047006
Conc: 42.99 ng/ml



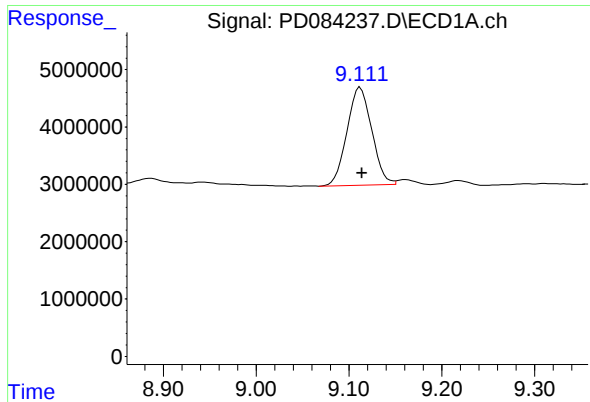
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 63179782
Conc: 38.79 ng/ml



#22 Mirex

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 214804378
Conc: 39.64 ng/ml



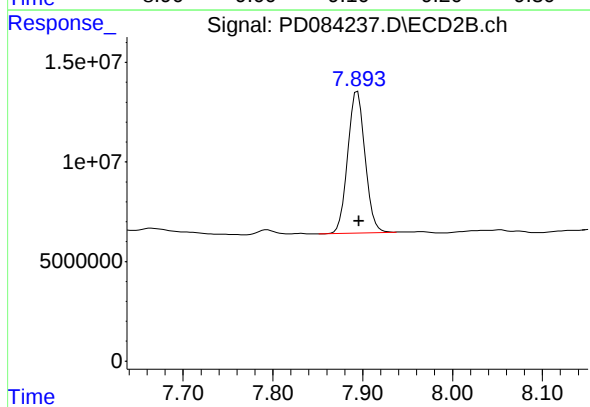
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 31690318
Conc: 13.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 95041863
Conc: 14.80 ng/ml