

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
 Data File : PD061709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2021 11:17
 Operator : AR\AJ
 Sample : M1688-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 R-LA-4-1-WCMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 06:29:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.486	3.982	17431845	175.8E6	20.394	20.490
2)	SA Decachlor...	8.257	9.040	18416641	118.9E6	15.048	13.677m
Target Compounds							
2)	A alpha-BHC	3.926	4.370	64640590	626.7E6	49.704	49.282
3)	MA gamma-BHC...	4.210	4.655	61327468	573.7E6	50.806	49.237
4)	MA Heptachlor	4.513	5.163	57666559	573.2E6	48.976	47.391
5)	MB Aldrin	4.764	5.468	57643239	558.0E6	47.607	46.447
6)	B beta-BHC	4.460	4.824	25245767	219.7E6	44.995	45.508
7)	B delta-BHC	4.666	5.041	59798562	502.1E6	48.376	41.632
8)	B Heptachlo...	5.208	5.854	54914657	475.1E6	47.597	44.583
9)	A Endosulfan I	5.548	6.210	52119398	476.8E6	47.060	45.625
10)	B gamma-Chl...	5.436	6.087	57706748	535.8E6	48.607	47.473
11)	B alpha-Chl...	5.495	6.160	56367145	516.1E6	48.094	47.260
12)	B 4,4'-DDE	5.657	6.316	53993165	502.9E6	47.572	45.340
13)	MA Dieldrin	5.792	6.467	57200325	519.6E6	48.955	46.539
14)	MA Endrin	6.051	6.684	48793688	437.2E6	46.387	46.697
15)	B Endosulfa...	6.324	6.893	53327984	435.6E6	51.607	46.984
16)	A 4,4'-DDD	6.175	6.806	45929663	437.7E6	47.962	48.405
17)	MA 4,4'-DDT	6.416	7.105	48792586	426.4E6	48.542	43.253
18)	B Endrin al...	6.493	7.016	44058449	355.9E6	50.535	46.842m
19)	B Endosulfa...	6.707	7.240	48602000	490.4E6	45.008	50.697
20)	A Methoxychlor	6.963	7.562	25647050	206.1E6	46.853	44.470
21)	B Endrin ke...	7.201	7.711	60390052	448.6E6	46.515	46.631
22)	Mirex	7.391	8.166	41687342	289.2E6	43.514	49.276

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
Data File : PD061709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2021 11:17
Operator : AR\AJ
Sample : M1688-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

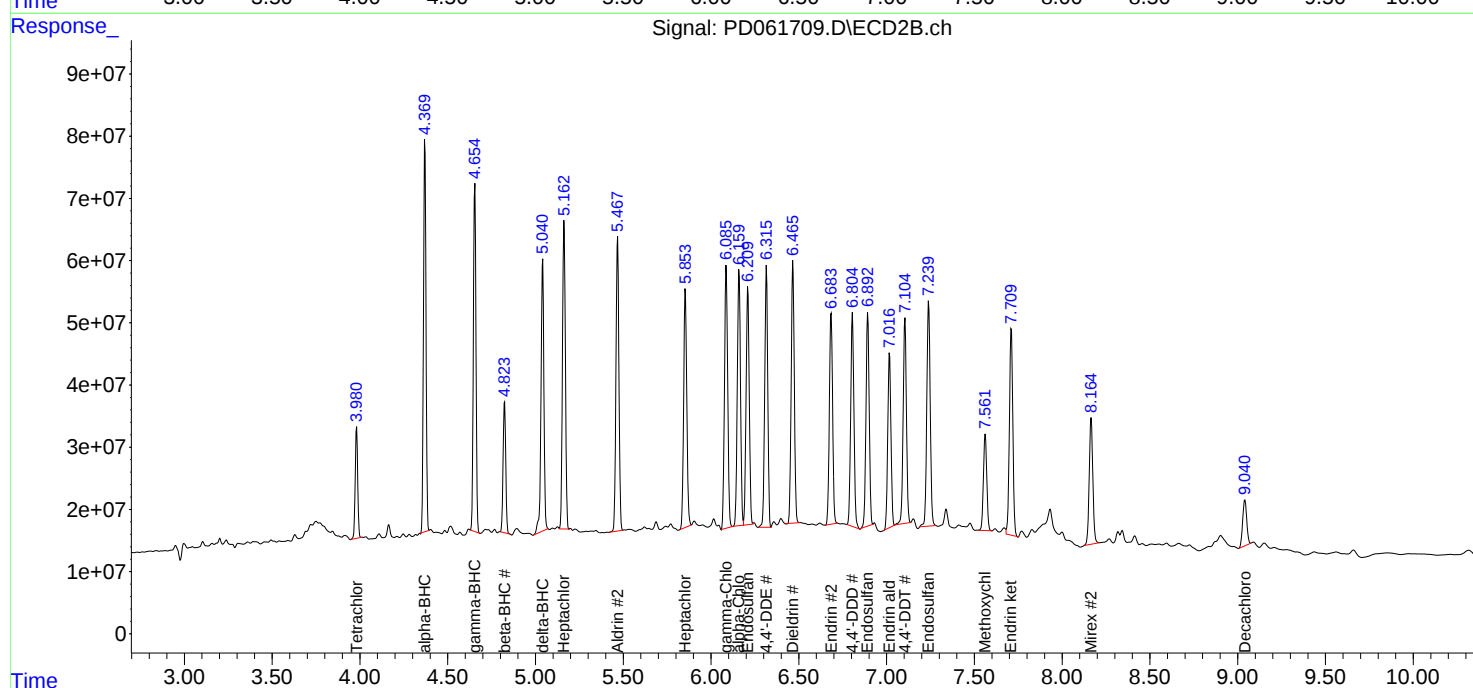
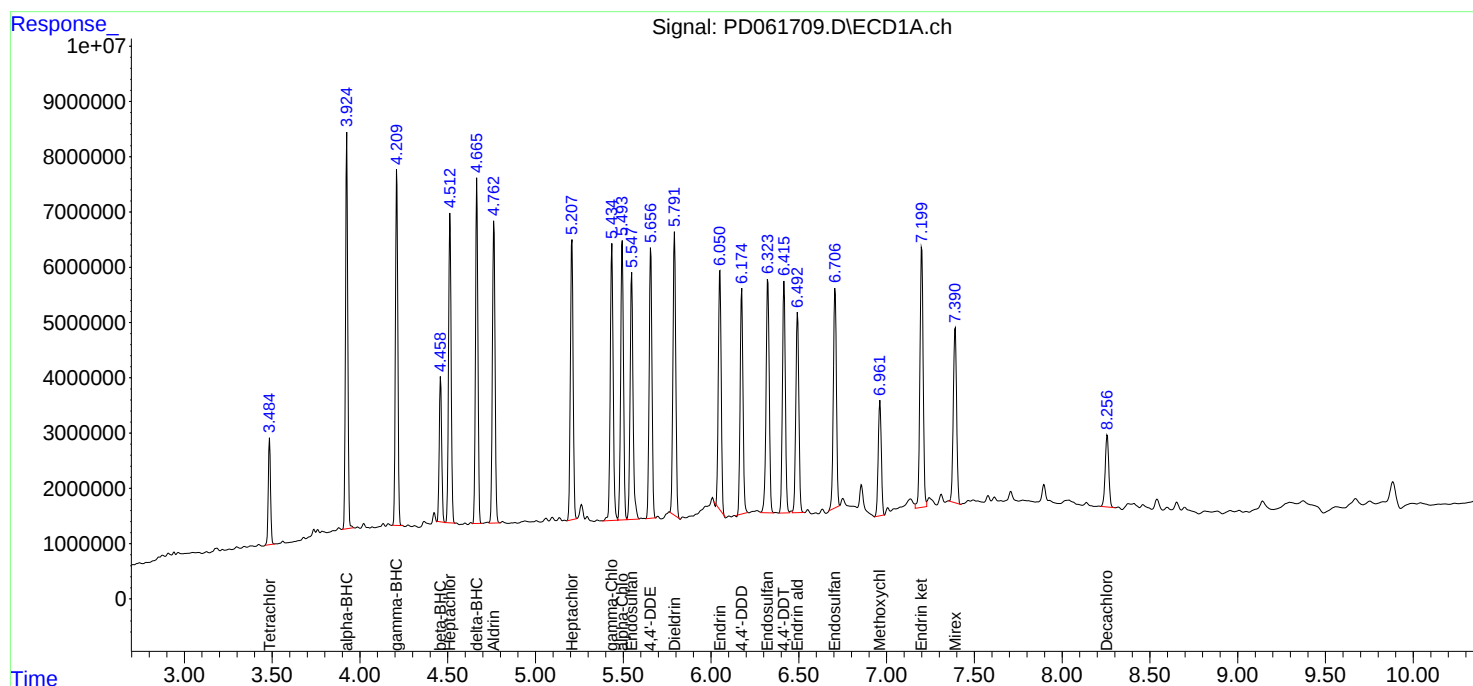
Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

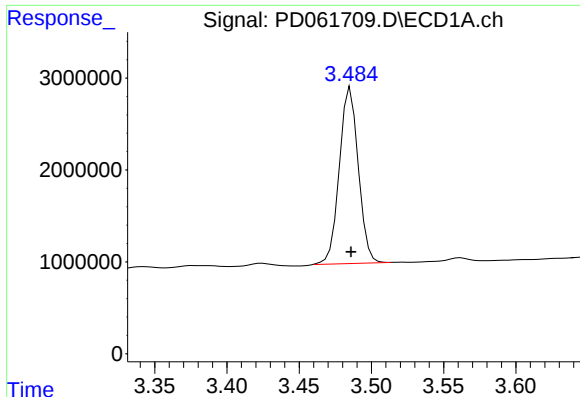
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 06:29:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
Quant Title : GC Extractables
QLast Update : Thu Mar 18 07:52:17 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





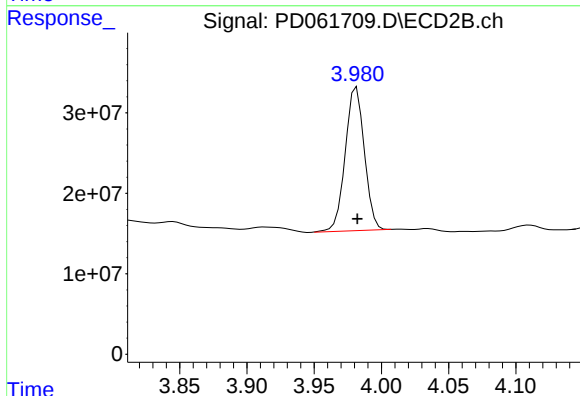
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 17431845
Conc: 20.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

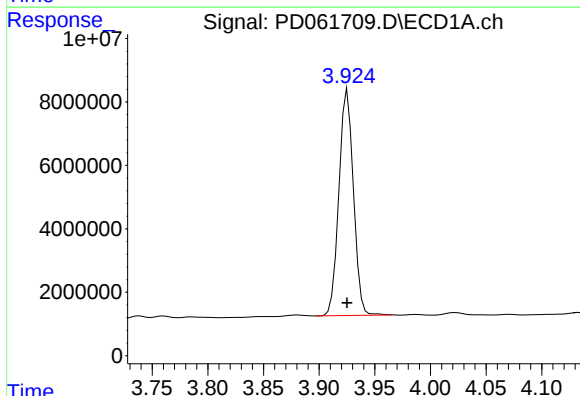
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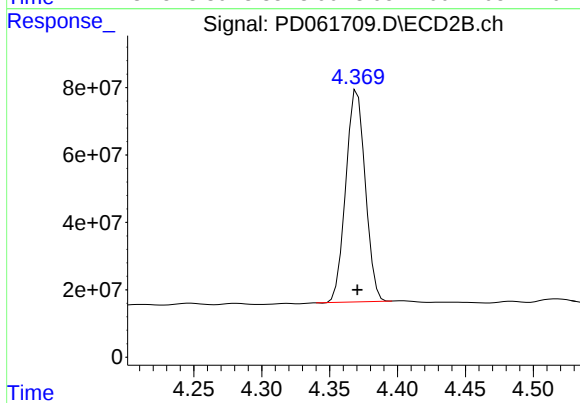
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 175792314
Conc: 20.49 ng/ml



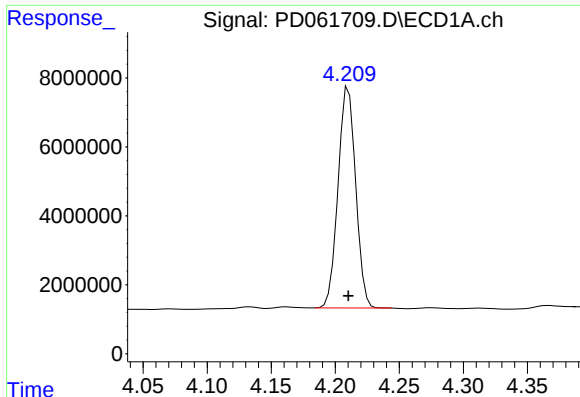
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 64640590
Conc: 49.70 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 626717932
Conc: 49.28 ng/ml



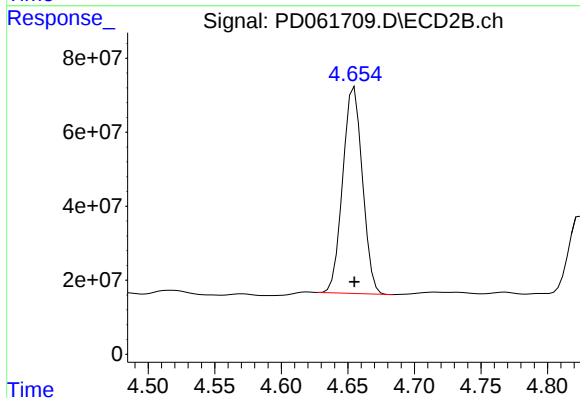
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 61327468
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

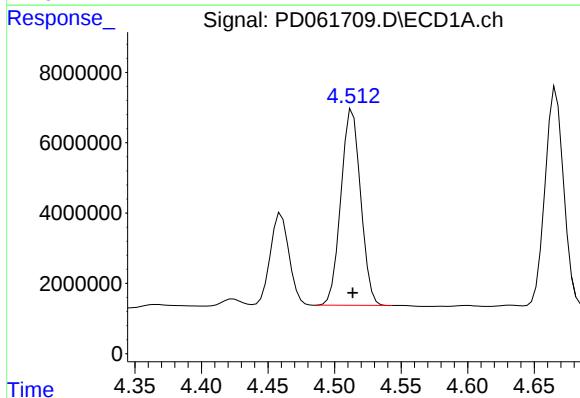
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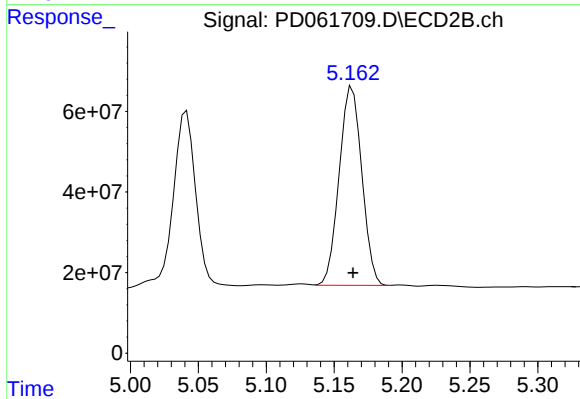
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 573699076
Conc: 49.24 ng/ml



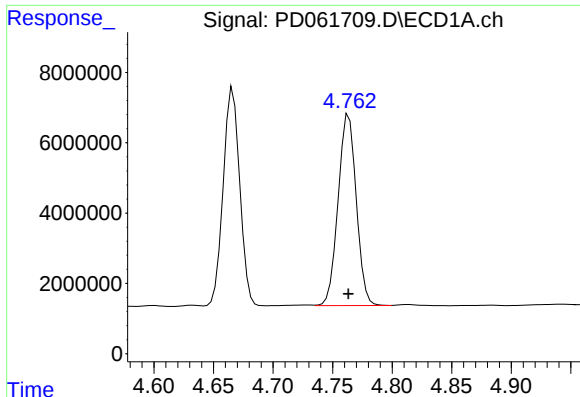
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 57666559
Conc: 48.98 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 573209635
Conc: 47.39 ng/ml



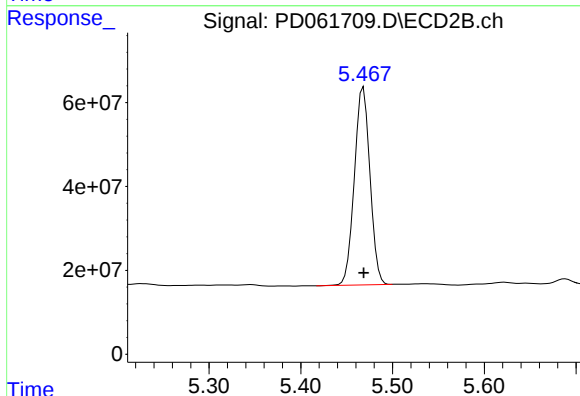
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 57643239
Conc: 47.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

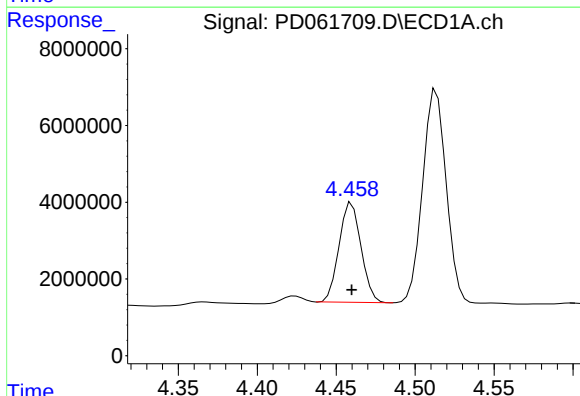
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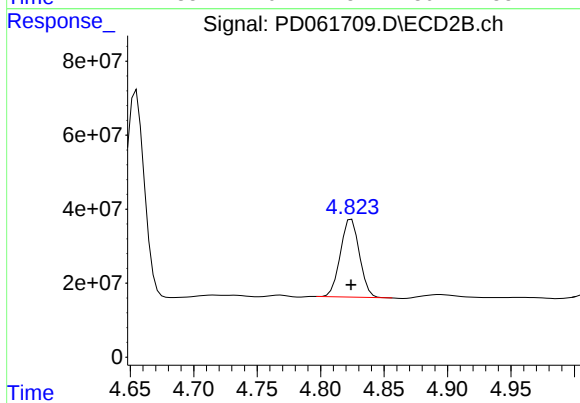
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 558044987
Conc: 46.45 ng/ml



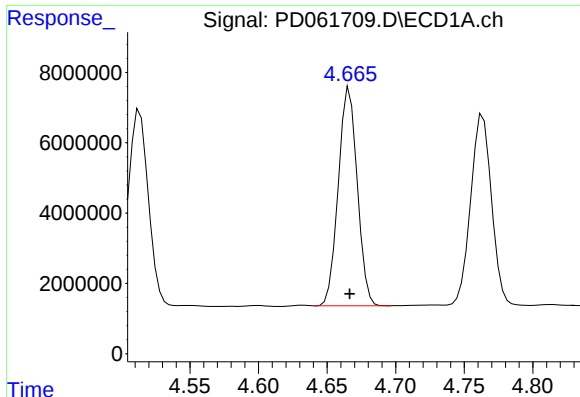
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 25245767
Conc: 45.00 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 219745020
Conc: 45.51 ng/ml



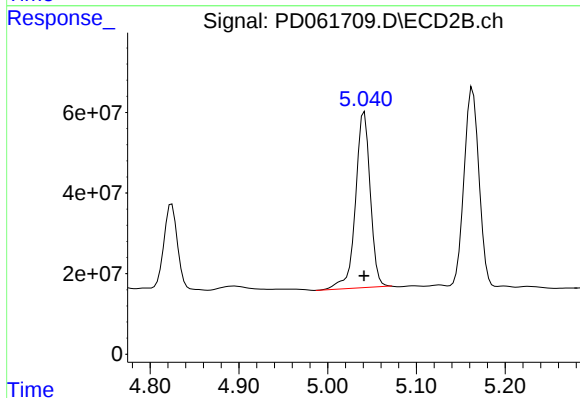
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 59798562
Conc: 48.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

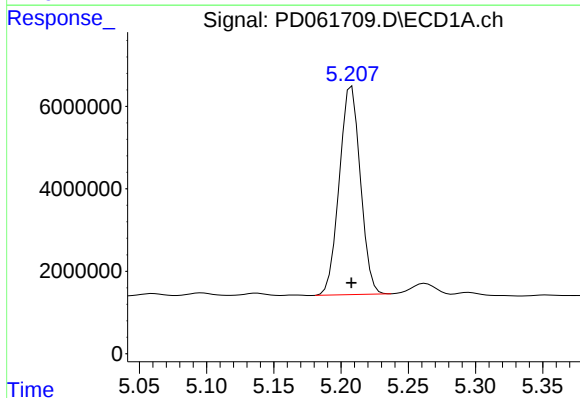
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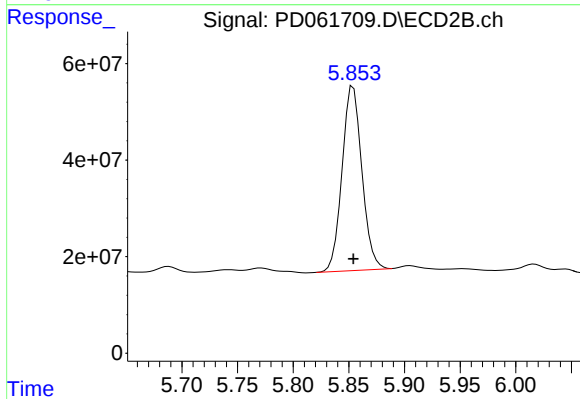
#7 delta-BHC

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 502130771
Conc: 41.63 ng/ml



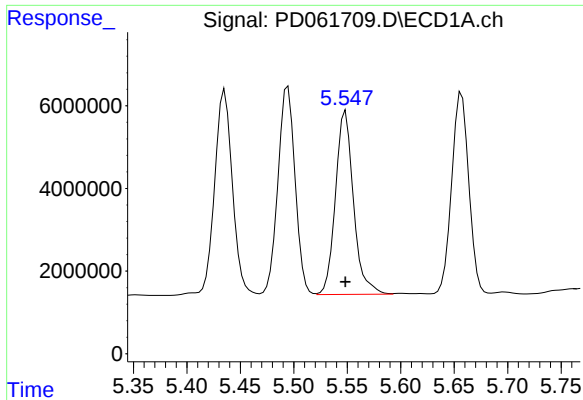
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 54914657
Conc: 47.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 475051617
Conc: 44.58 ng/ml



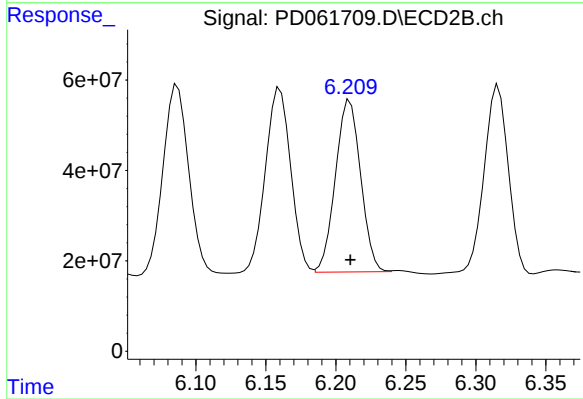
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 52119398
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

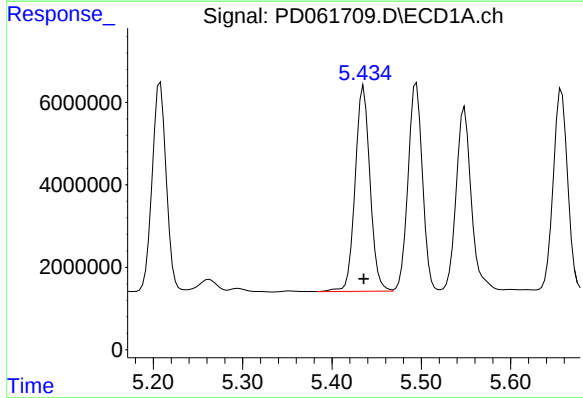
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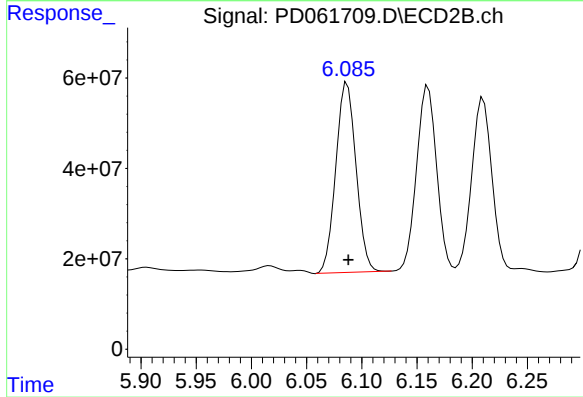
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 476750054
Conc: 45.62 ng/ml



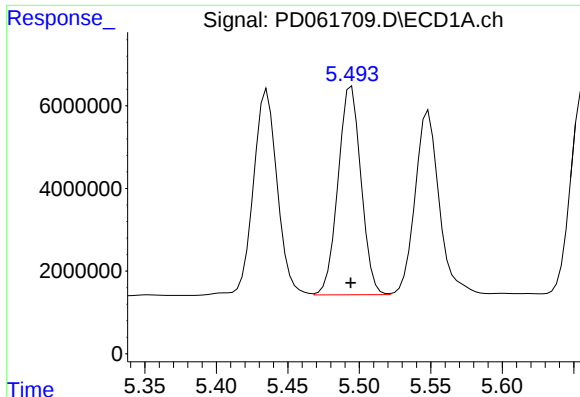
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 57706748
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 535784239
Conc: 47.47 ng/ml



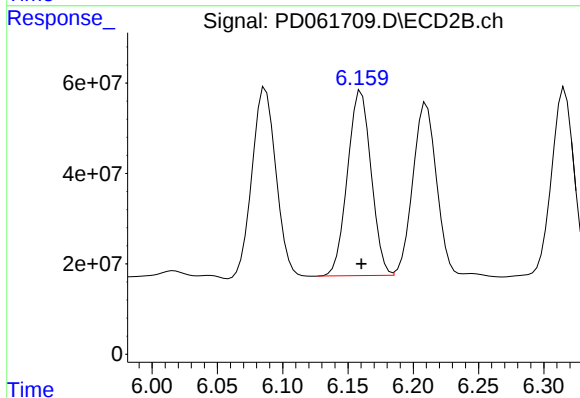
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 56367145
Conc: 48.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

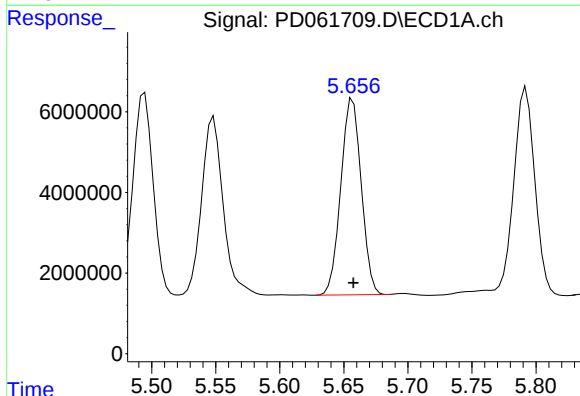
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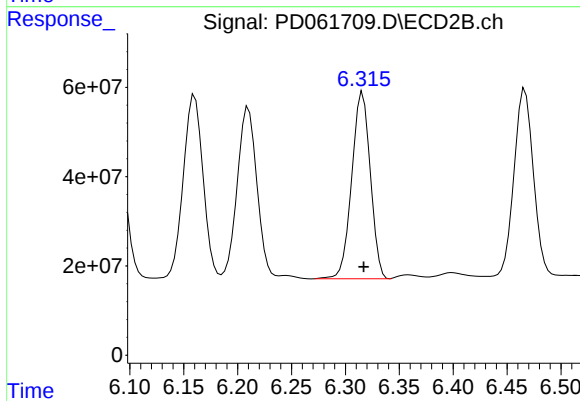
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 516121039
Conc: 47.26 ng/ml



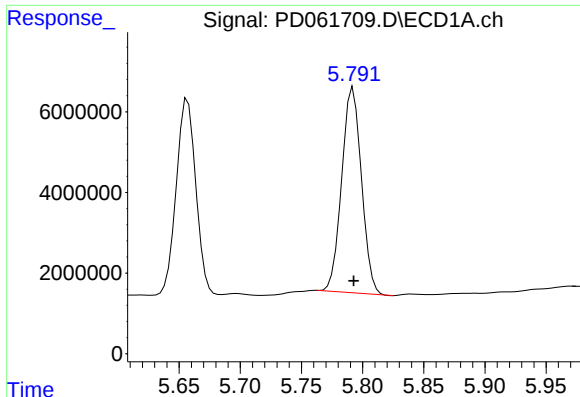
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 53993165
Conc: 47.57 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 502919009
Conc: 45.34 ng/ml



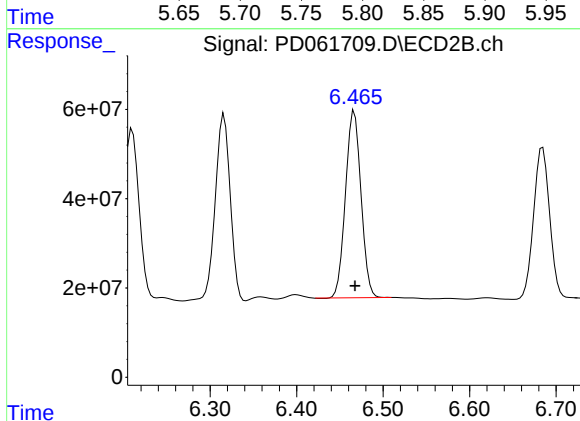
#13 Dieldrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 57200325
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

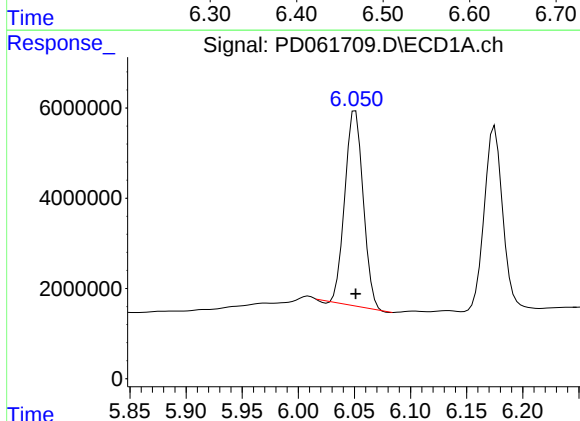
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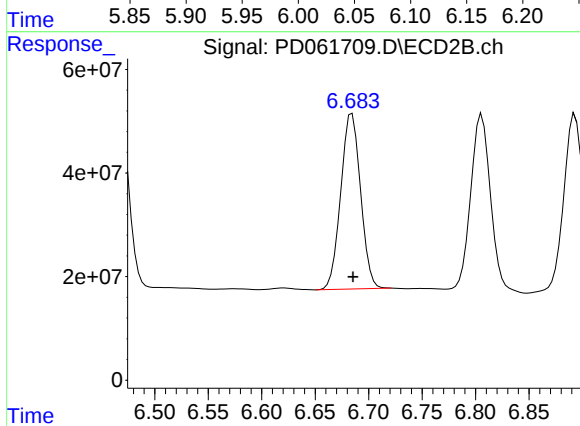
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 519616327
Conc: 46.54 ng/ml



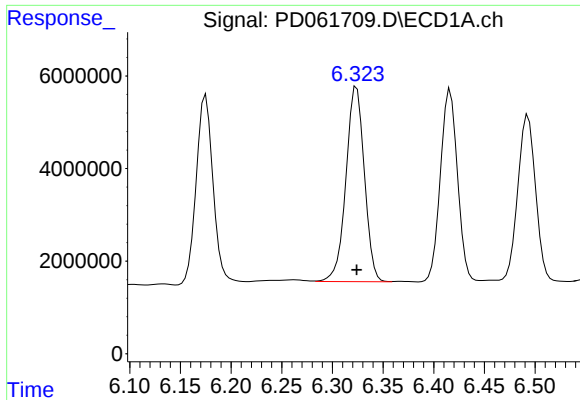
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 48793688
Conc: 46.39 ng/ml



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 437195418
Conc: 46.70 ng/ml



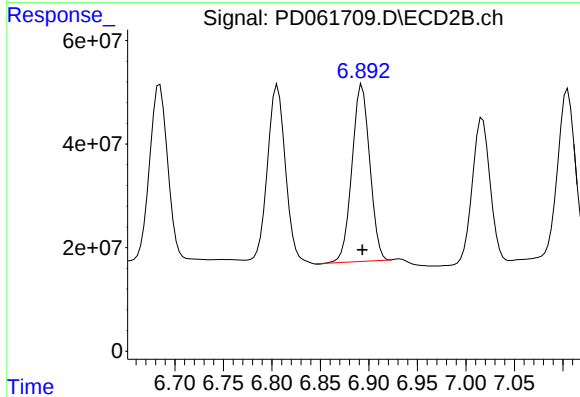
#15 Endosulfan II

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 53327984
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

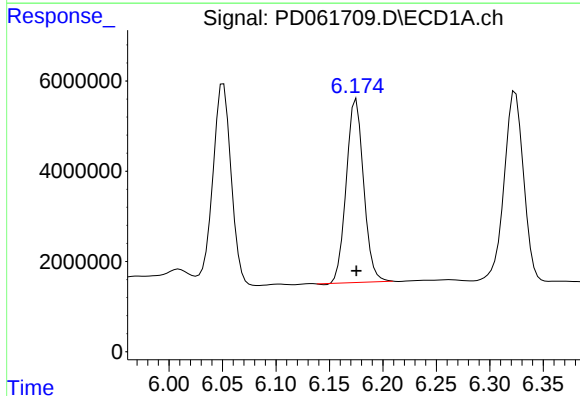
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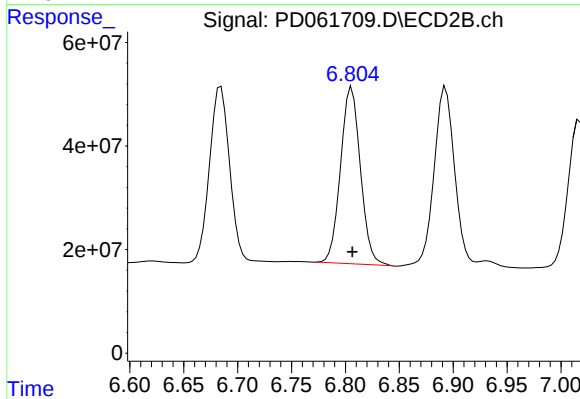
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 435552495
Conc: 46.98 ng/ml



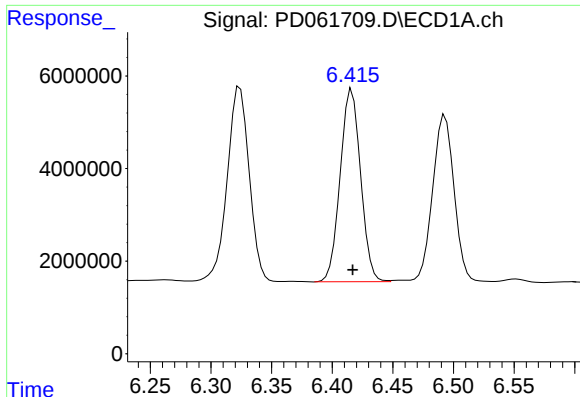
#16 4,4'-DDD

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 45929663
Conc: 47.96 ng/ml



#16 4,4'-DDD

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 437665886
Conc: 48.40 ng/ml



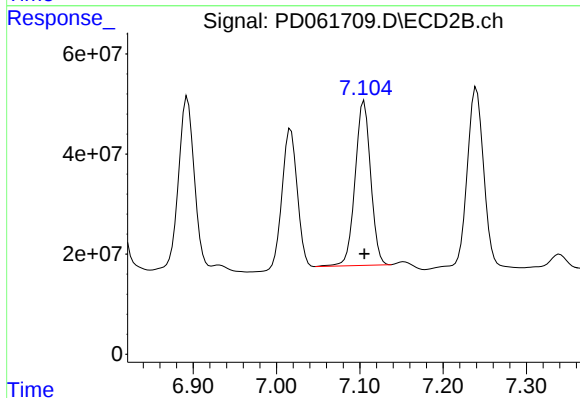
#17 4,4'-DDT

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 48792586
Conc: 48.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

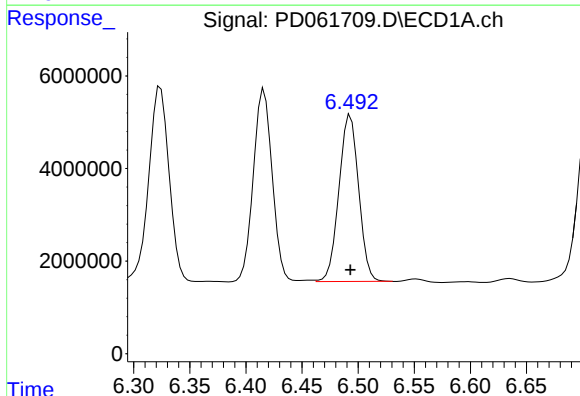
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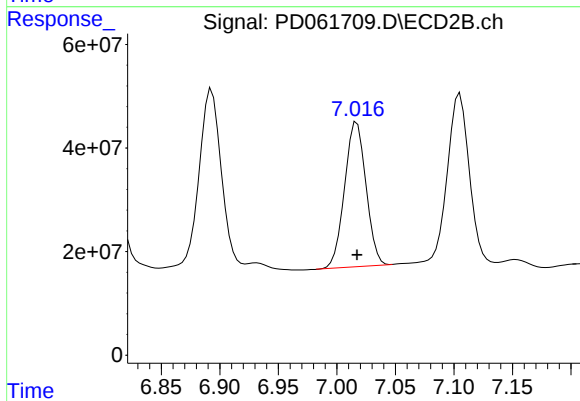
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 426403368
Conc: 43.25 ng/ml



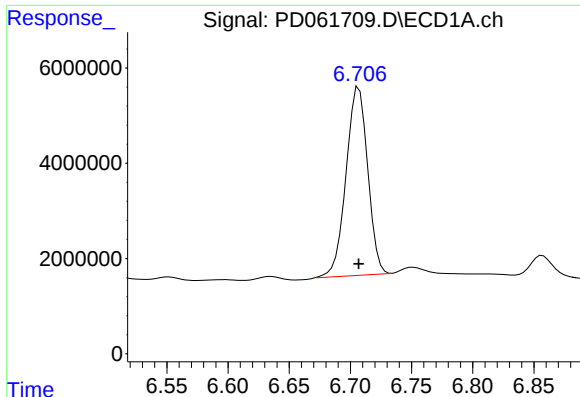
#18 Endrin aldehyde

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 44058449
Conc: 50.53 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 355876683
Conc: 46.84 ng/ml m



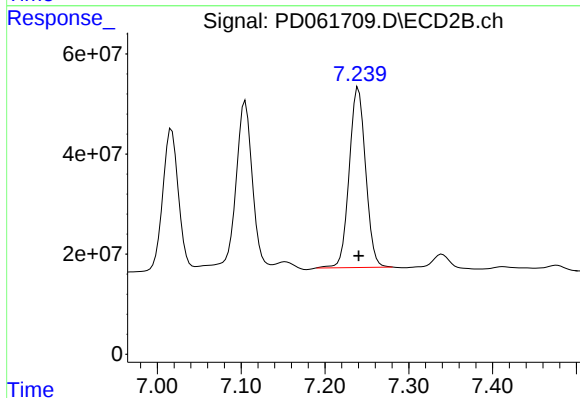
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 48602000
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

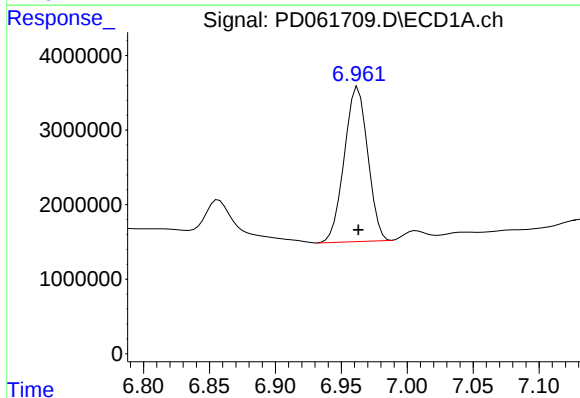
Manual Integrations
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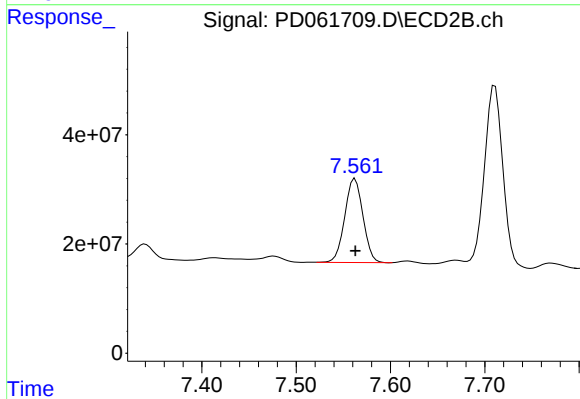
#19 Endosulfan Sulfate

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 490398372
Conc: 50.70 ng/ml



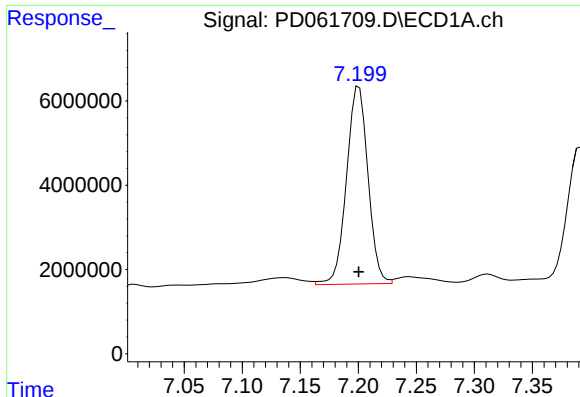
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 25647050
Conc: 46.85 ng/ml



#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 206130362
Conc: 44.47 ng/ml



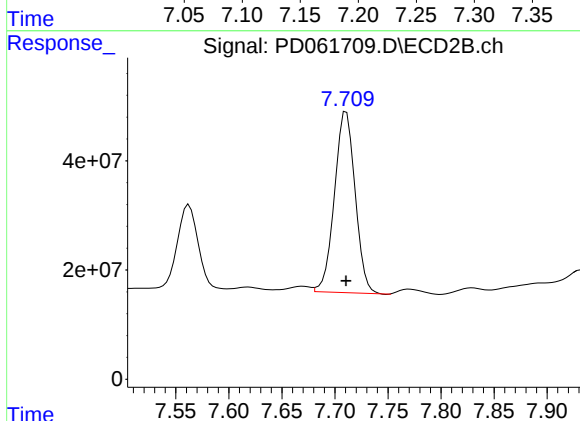
#21 Endrin ketone

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 60390052
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

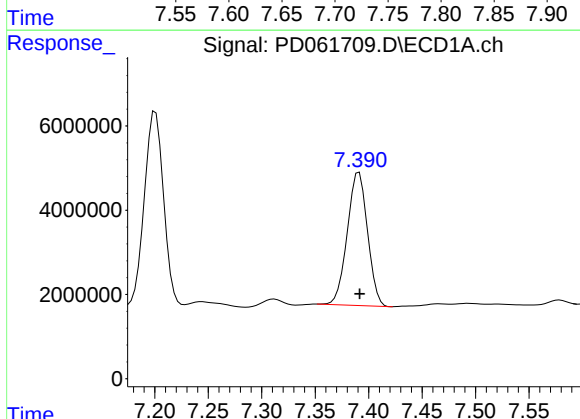
Manual Integrations
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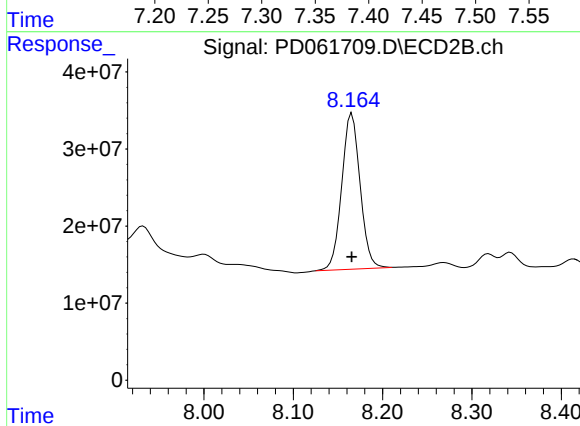
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 448590229
Conc: 46.63 ng/ml



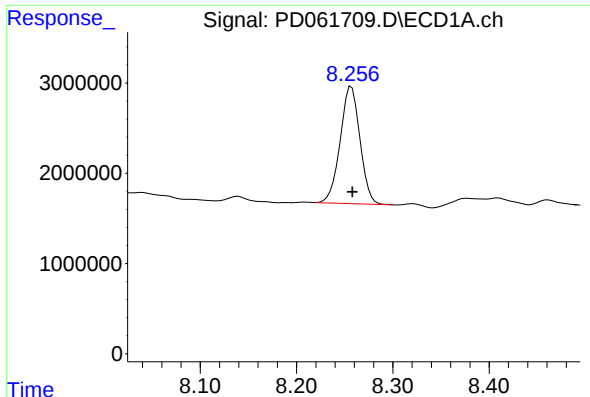
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 41687342
Conc: 43.51 ng/ml



#22 Mirex

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 289182637
Conc: 49.28 ng/ml



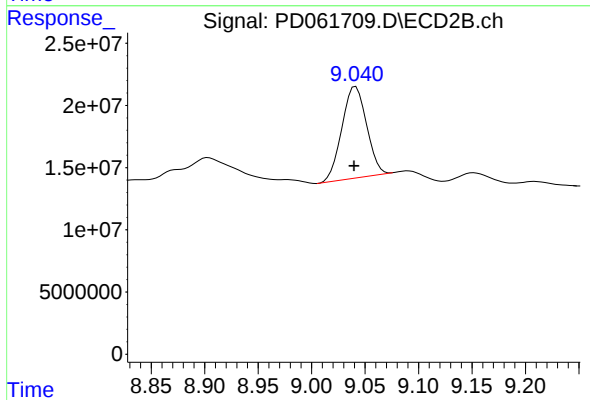
#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 18416641
Conc: 15.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
R-LA-4-1-WCMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 118899359
Conc: 13.68 ng/ml m