

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
 Data File : PD087002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2024 13:17
 Operator : AR\AJ
 Sample : PB165338BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB165338BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/04/2024

Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 21:35:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 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...	3.556	2.885	39596891	240.1E6	19.801m	20.975
28)	SA Decachlor...	9.087	8.085	54388774	253.5E6	17.098	18.197
Target Compounds							
2)	A alpha-BHC	4.007	3.398	219.9E6	944.9E6	54.640	53.623
3)	MA gamma-BHC...	4.337	3.735	214.5E6	882.3E6	53.783m	52.535
4)	MA Heptachlor	4.939	4.089	218.0E6	894.7E6	55.514	55.039
5)	MB Aldrin	5.281	4.376	212.6E6	852.5E6	52.163	50.996
6)	B beta-BHC	4.522	4.030	85307581	387.2E6	54.088	54.058
7)	B delta-BHC	4.771	4.267	191.8E6	755.4E6	47.050	44.431
8)	B Heptachlo...	5.700	4.880	195.4E6	792.7E6	54.082	52.204
9)	A Endosulfan I	6.084	5.255	183.4E6	757.7E6	54.664	53.374
10)	B gamma-Chl...	5.954	5.134	195.8E6	846.1E6	55.422	54.390
11)	B alpha-Chl...	6.036	5.198	196.4E6	854.1E6	54.966	55.887
12)	B 4,4'-DDE	6.205	5.384	178.6E6	808.8E6	54.878	53.652
13)	MA Dieldrin	6.356	5.521	198.8E6	819.8E6	55.042	52.648
14)	MA Endrin	6.584	5.798	166.0E6	745.0E6	54.855	53.259
15)	B Endosulfa...	6.794	6.088	165.3E6	736.9E6	55.304	53.536
16)	A 4,4'-DDD	6.713	5.938	141.7E6	666.1E6	54.516	52.994
17)	MA 4,4'-DDT	7.031	6.193	150.7E6	713.9E6	53.354	53.543
18)	B Endrin al...	6.924	6.267	122.8E6	548.7E6	50.249	49.460
19)	B Endosulfa...	7.158	6.490	149.2E6	674.7E6	51.261	49.866
20)	A Methoxychlor	7.503	6.765	82080573	352.5E6	51.323	49.139
21)	B Endrin ke...	7.640	7.000	171.5E6	762.9E6	52.840	50.616
22)	Mirex	8.125	7.196	119.0E6	580.5E6	47.687	47.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
Data File : PD087002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2024 13:17
Operator : AR\AJ
Sample : PB165338BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB165338BS

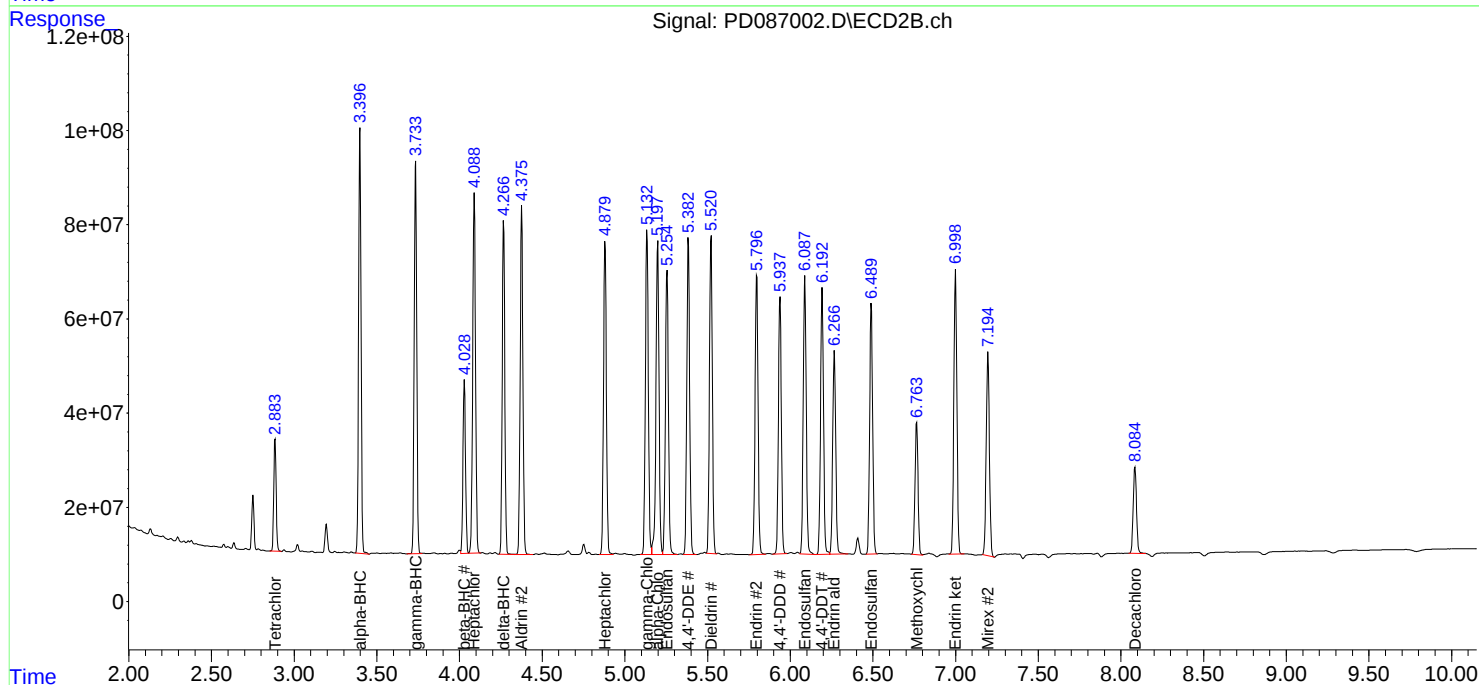
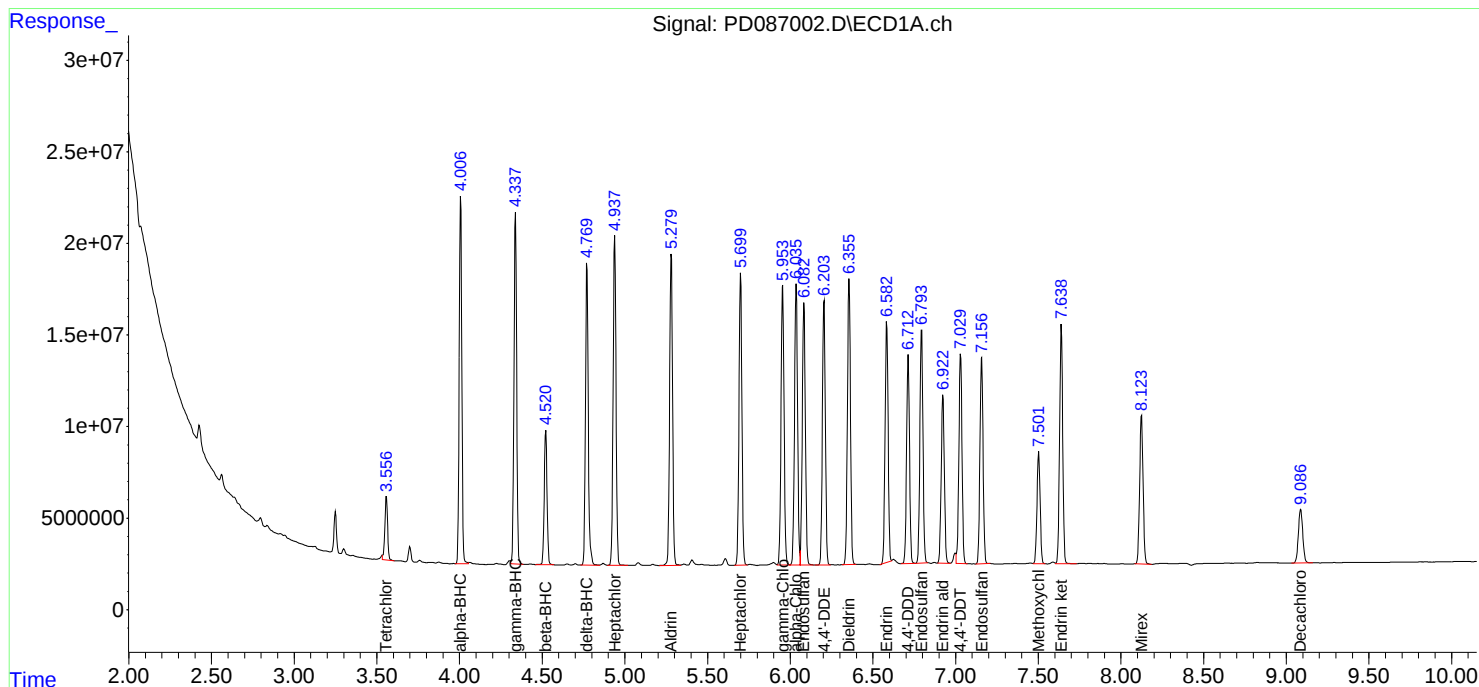
Manual Integrations

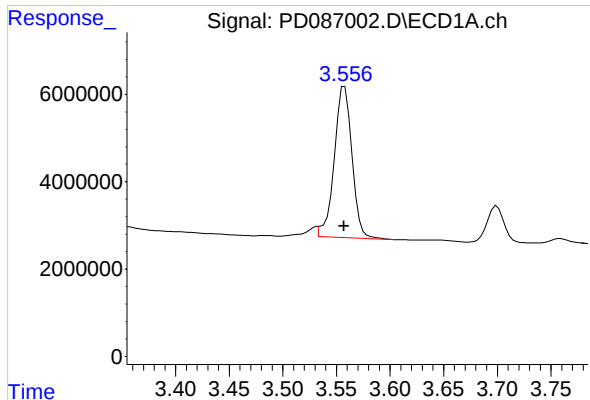
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 21:35:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 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





#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.000 min
Response: 39596891
Conc: 19.80 ng/ml

Instrument :

ECD_D

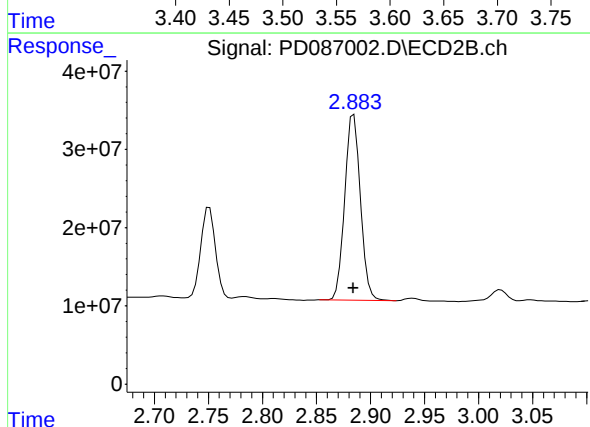
ClientSampleId :

PB165338BS

Manual Integrations

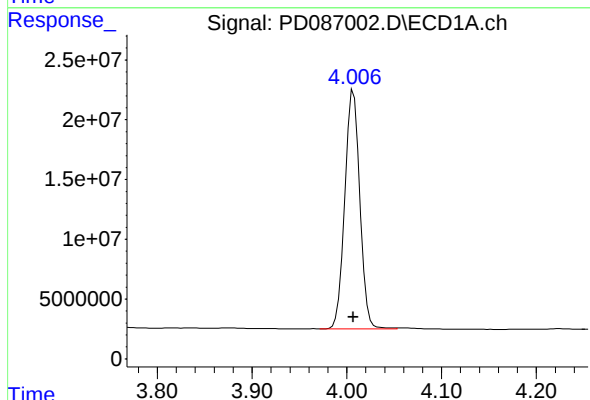
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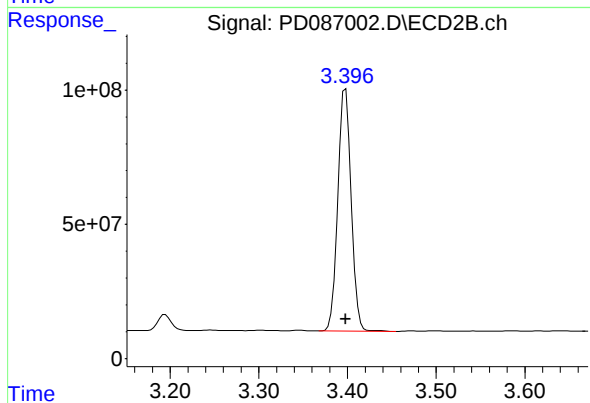
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 240089937
Conc: 20.98 ng/ml



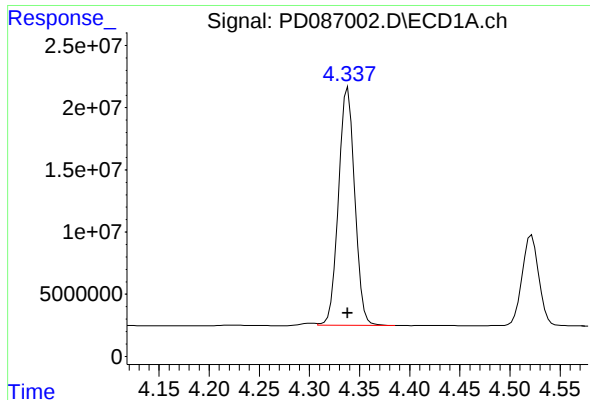
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 219873182
Conc: 54.64 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 944889758
Conc: 53.62 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 214510312
Conc: 53.78 ng/ml

Instrument :

ECD_D

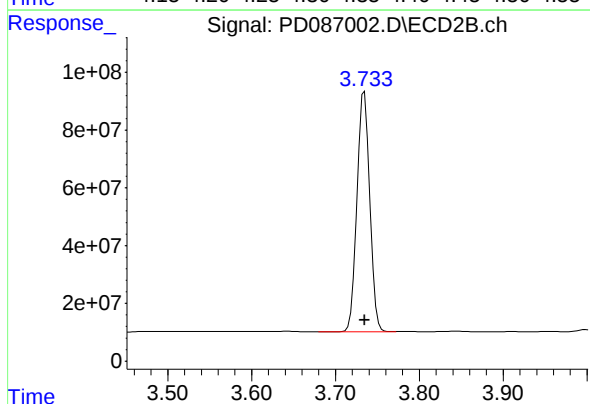
ClientSampleId :

PB165338BS

Manual Integrations

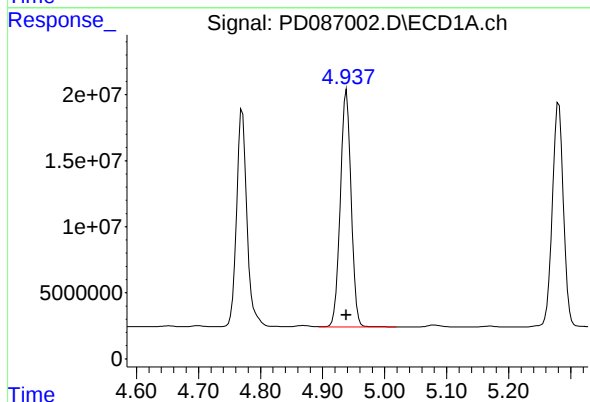
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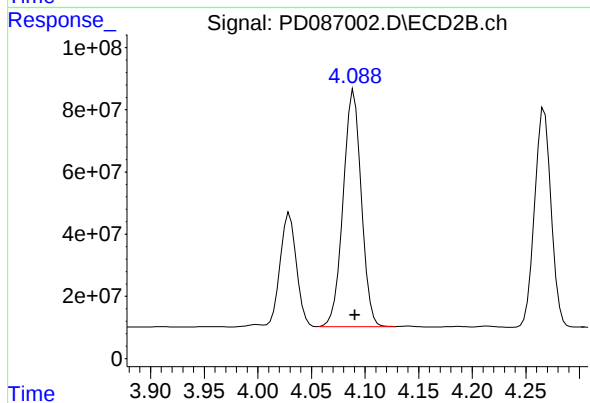
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 882324880
Conc: 52.54 ng/ml



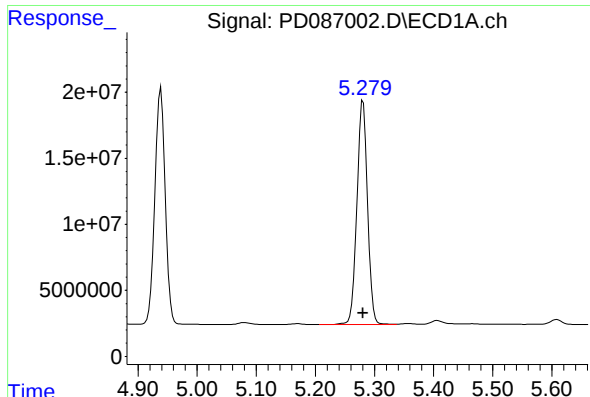
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 217957919
Conc: 55.51 ng/ml



#4 Heptachlor

R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 894695129
Conc: 55.04 ng/ml



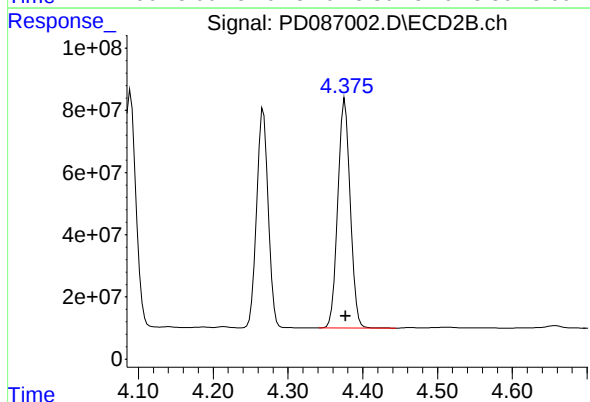
#5 Aldrin

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 212608497
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

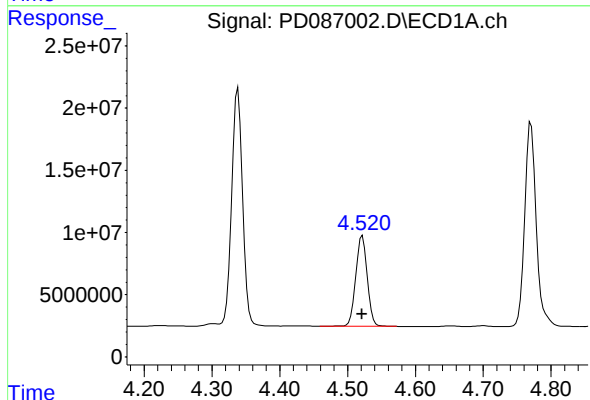
Manual Integrations
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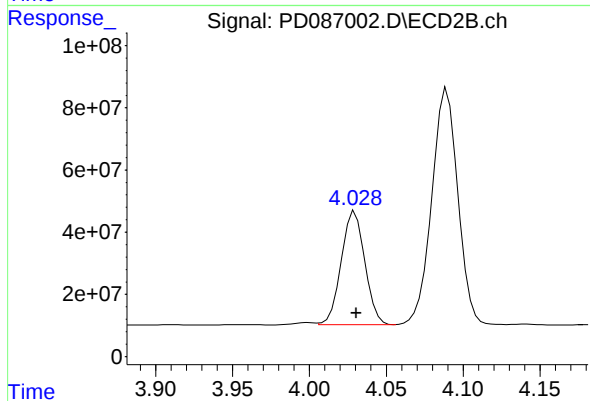
#5 Aldrin

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 852515624
Conc: 51.00 ng/ml



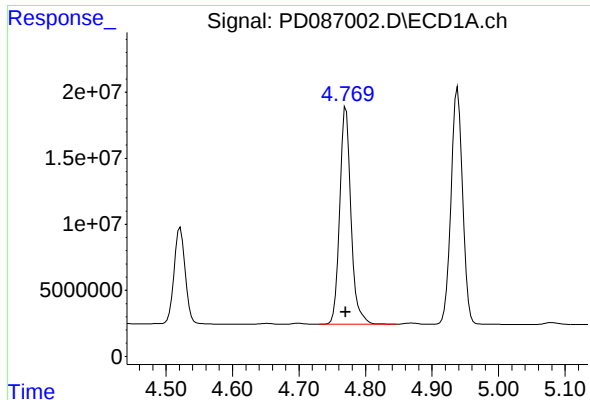
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 85307581
Conc: 54.09 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 387152397
Conc: 54.06 ng/ml



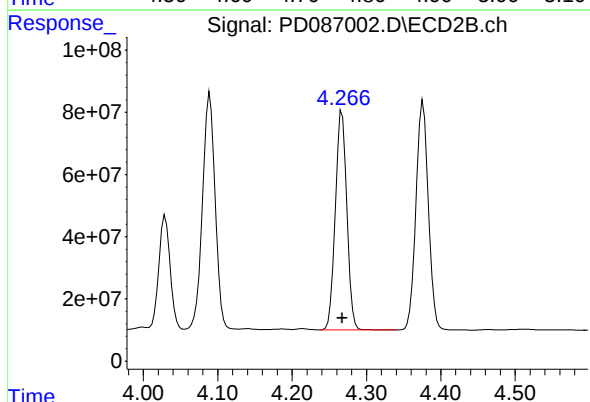
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 191779942
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

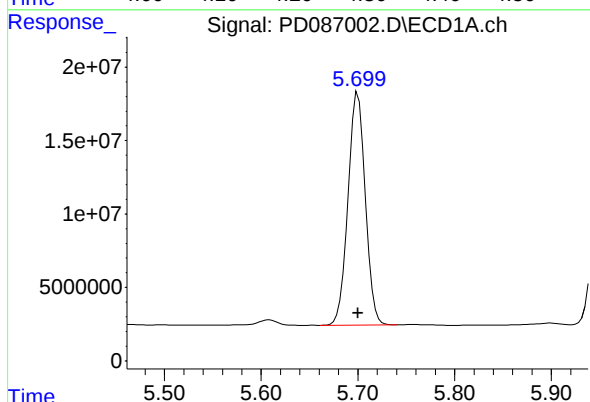
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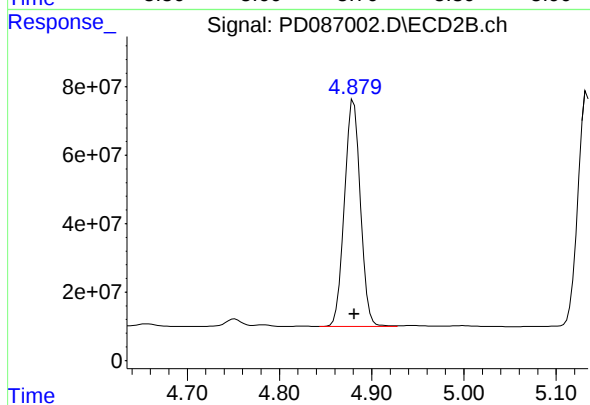
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 755421450
Conc: 44.43 ng/ml



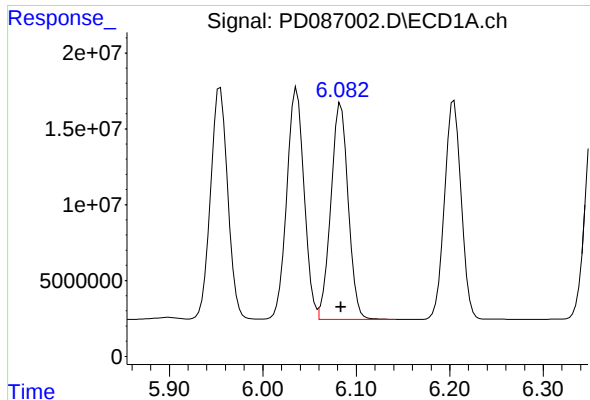
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 195430320
Conc: 54.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 792657446
Conc: 52.20 ng/ml



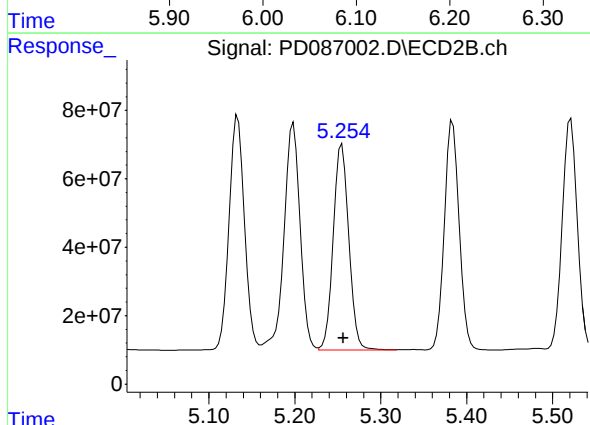
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 183440606
Conc: 54.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

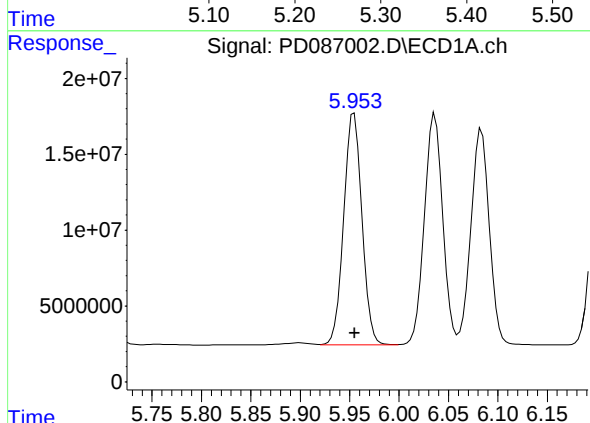
Manual Integrations
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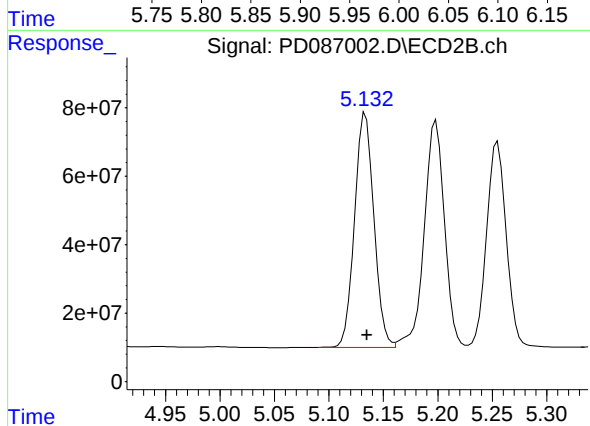
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 757718343
Conc: 53.37 ng/ml



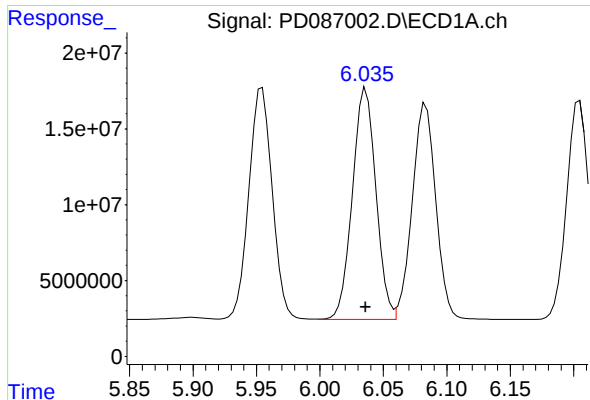
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 195803404
Conc: 55.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 846061205
Conc: 54.39 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 196385703
Conc: 54.97 ng/ml

Instrument :

ECD_D

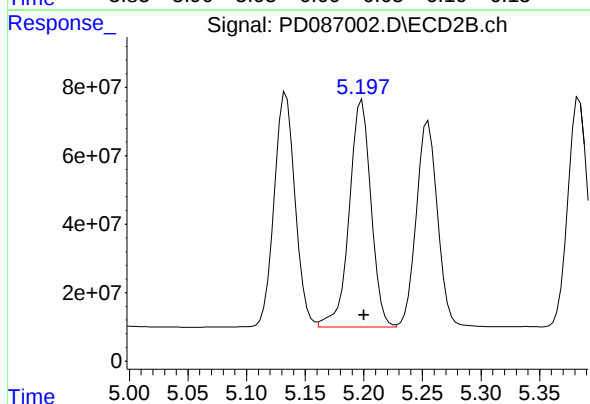
ClientSampleId :

PB165338BS

Manual Integrations

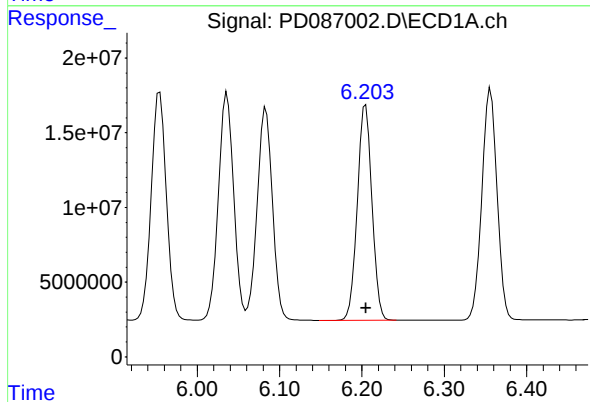
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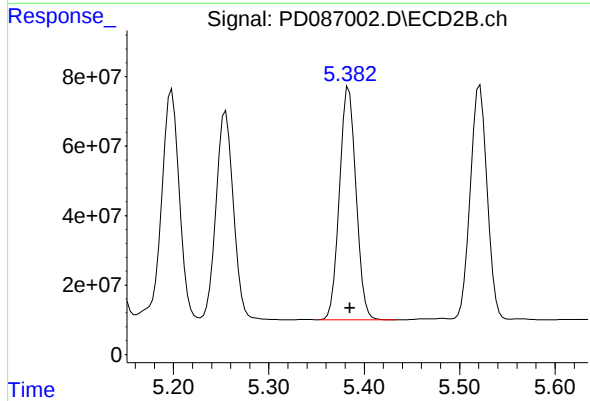
#11 alpha-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 854066524
Conc: 55.89 ng/ml



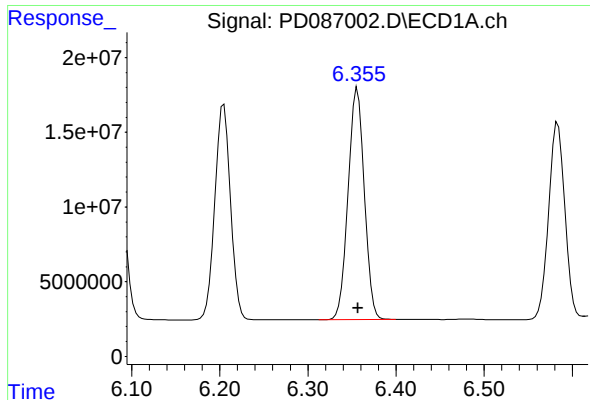
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 178553522
Conc: 54.88 ng/ml



#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 808783152
Conc: 53.65 ng/ml



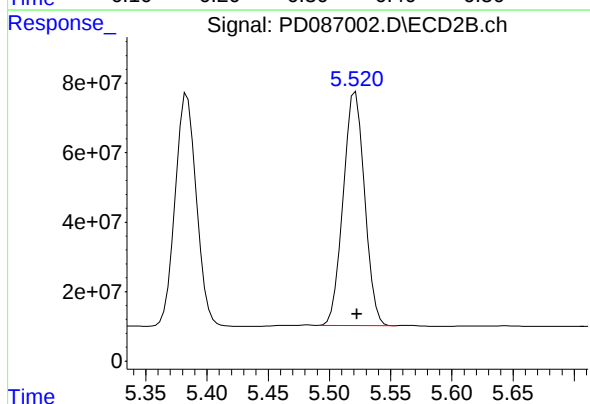
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 198845767
Conc: 55.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

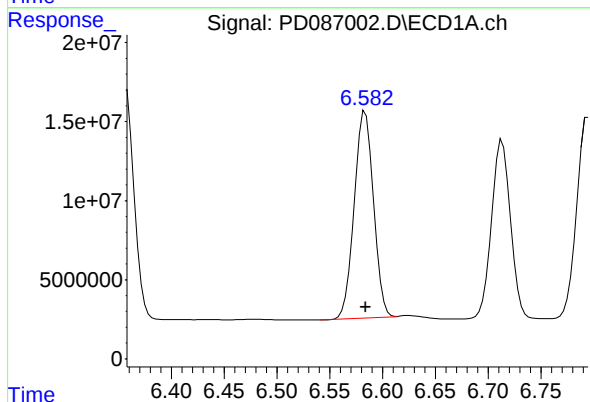
Manual Integrations
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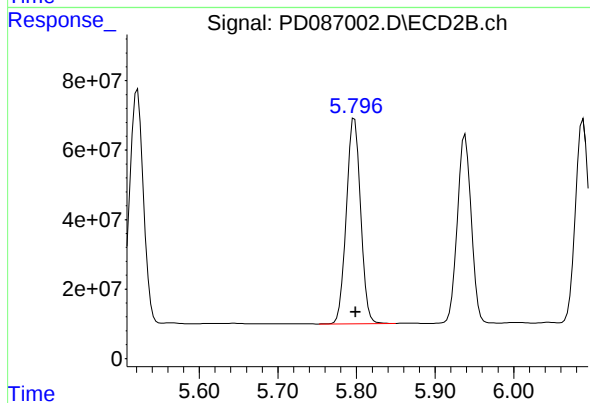
#13 Dieldrin

R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 819825427
Conc: 52.65 ng/ml



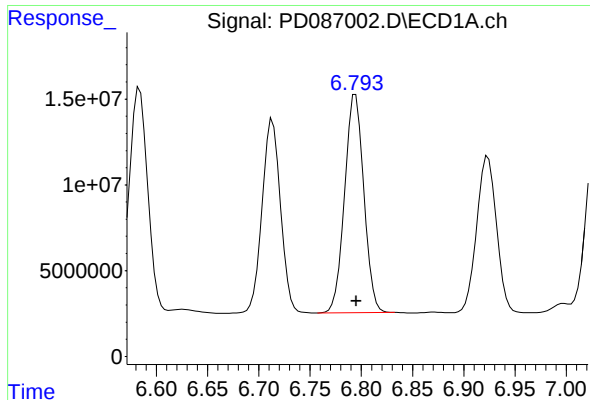
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 165988529
Conc: 54.85 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 745017770
Conc: 53.26 ng/ml



#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 165306158
Conc: 55.30 ng/ml

Instrument :

ECD_D

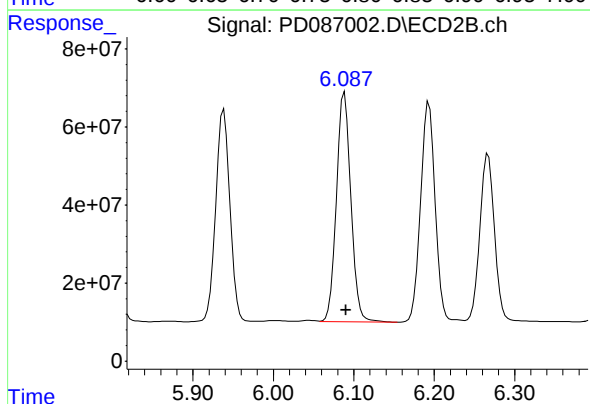
ClientSampleId :

PB165338BS

Manual Integrations

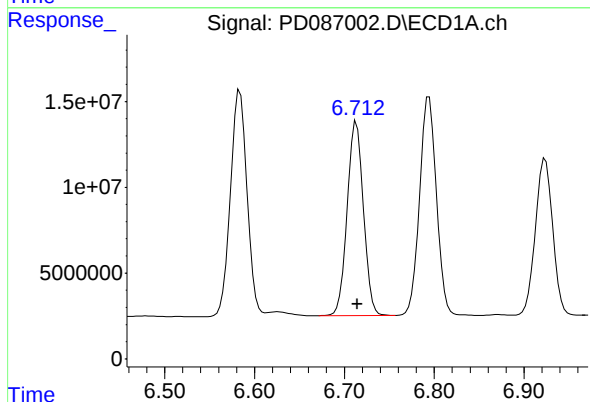
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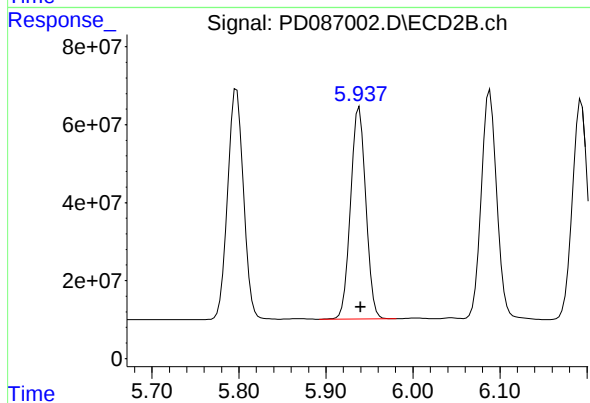
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 736873102
Conc: 53.54 ng/ml



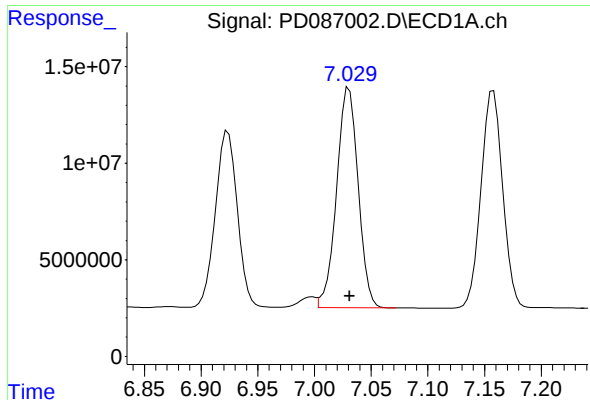
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 141719166
Conc: 54.52 ng/ml



#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 666108627
Conc: 52.99 ng/ml



#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 150719467
Conc: 53.35 ng/ml

Instrument :

ECD_D

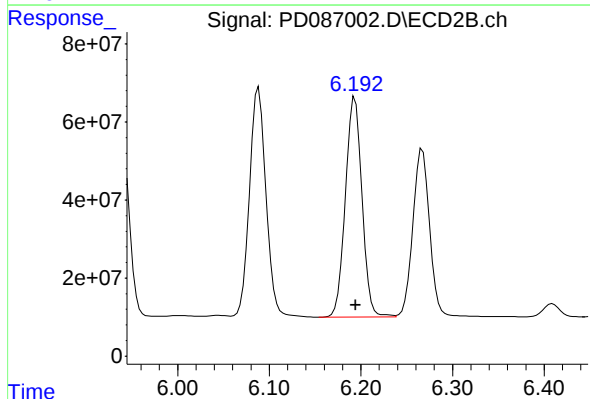
ClientSampleId :

PB165338BS

Manual Integrations

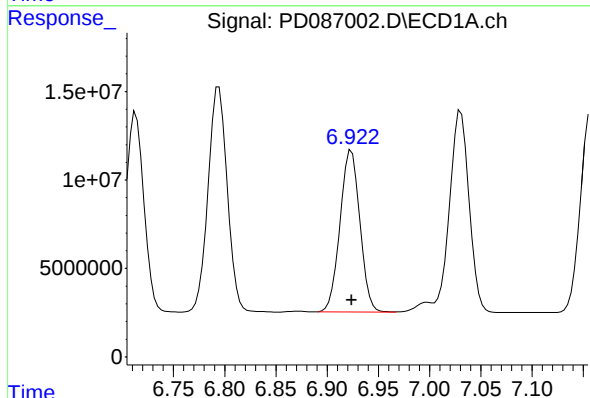
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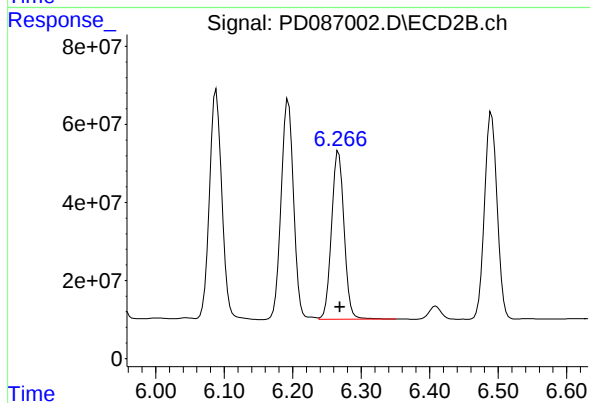
#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 713936224
Conc: 53.54 ng/ml



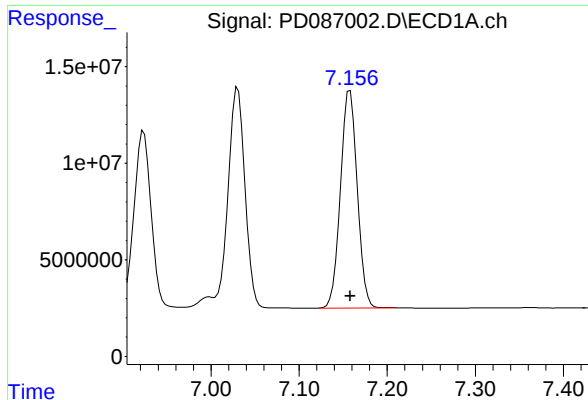
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 122843067
Conc: 50.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 548700110
Conc: 49.46 ng/ml



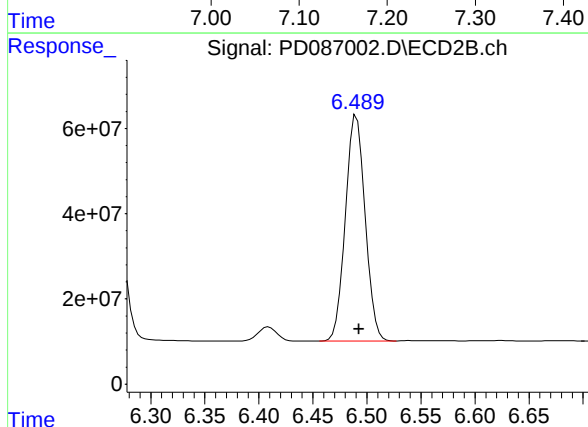
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 149173360
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

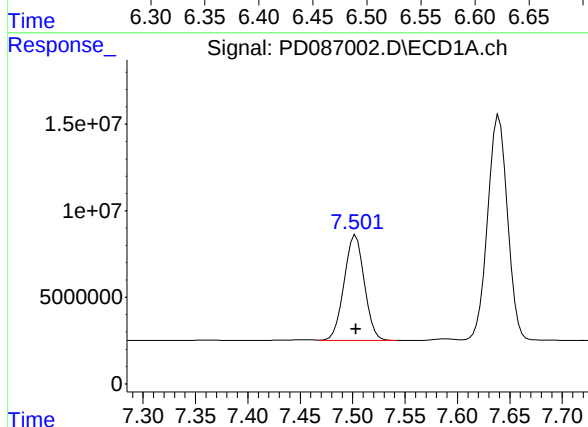
Manual Integrations
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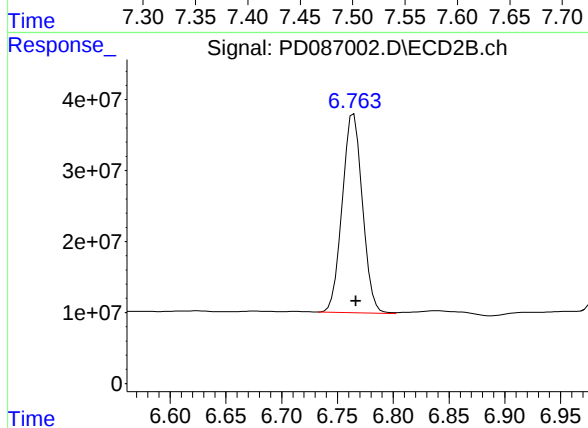
#19 Endosulfan Sulfate

R.T.: 6.490 min
Delta R.T.: -0.002 min
Response: 674680081
Conc: 49.87 ng/ml



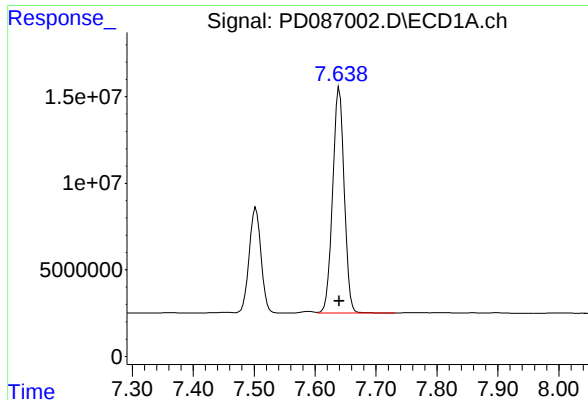
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 82080573
Conc: 51.32 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 352484313
Conc: 49.14 ng/ml



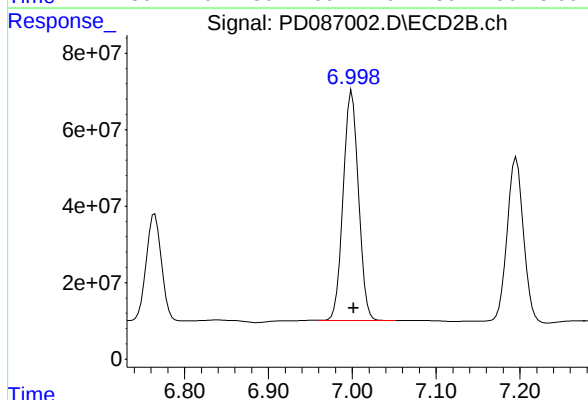
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 171478568
Conc: 52.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

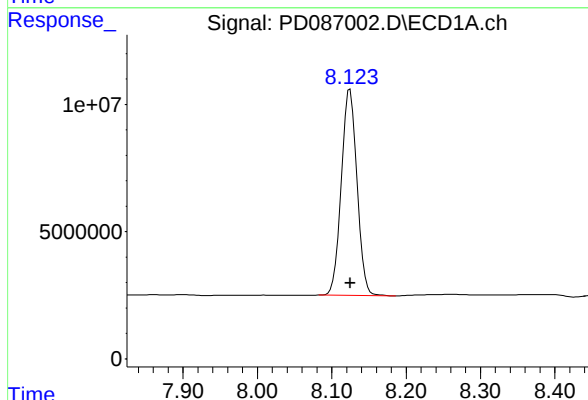
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



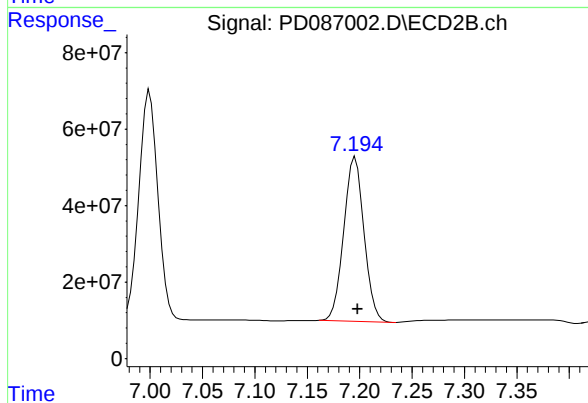
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 762865025
Conc: 50.62 ng/ml



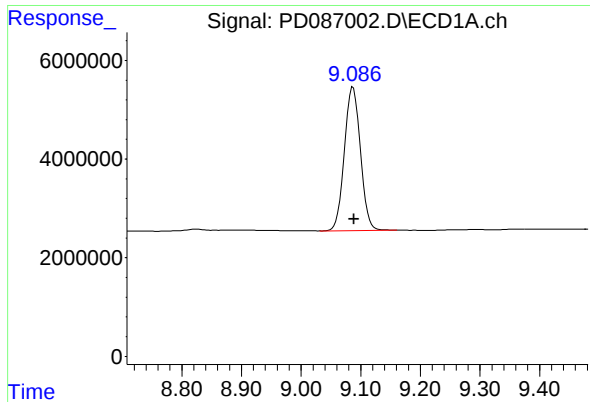
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 118978851
Conc: 47.69 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 580494410
Conc: 47.08 ng/ml



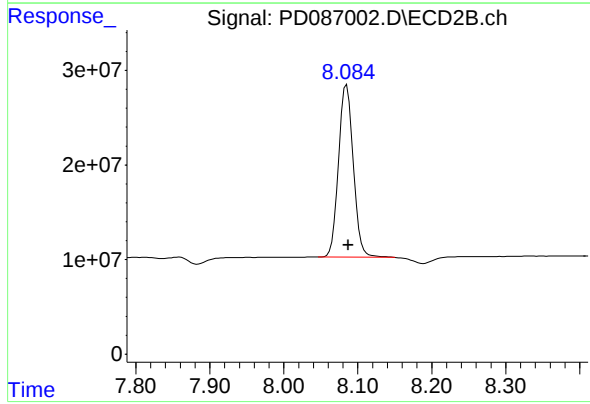
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 54388774
Conc: 17.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB165338BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 253538241
Conc: 18.20 ng/ml