

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 12:13
 Operator : AR\AJ
 Sample : PB138591BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB138591BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:51:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 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...	3.497	4.013	18498660	146.6E6	17.997	18.505
28)	SA Decachlor...	8.242	9.085	24472125	93126963	21.599	19.678
Target Compounds							
2)	A alpha-BHC	3.937	4.408	66794220	534.1E6	46.671	45.976
3)	MA gamma-BHC...	4.220	4.694	63867672	476.6E6	46.552	44.986
4)	MA Heptachlor	4.519	5.198	58874464	452.4E6	45.202	45.118
5)	MB Aldrin	4.767	5.503	54679750	397.7E6	45.597	44.026
6)	B beta-BHC	4.468	4.870	30479160	227.7E6	46.682	50.657
7)	B delta-BHC	4.673	5.087	61178897	436.4E6	46.275	44.933
8)	B Heptachlo...	5.209	5.893	53745795	340.4E6	47.296	45.630
9)	A Endosulfan I	5.548	6.251	50986347	326.5E6	47.798	46.357
10)	B gamma-Chl...	5.433	6.127	53589206	345.5E6	47.396m	45.183
11)	B alpha-Chl...	5.493	6.198	52997047	340.5E6	47.333	45.735
12)	B 4,4'-DDE	5.655	6.357	51582070	337.1E6	48.942	46.952
13)	MA Dieldrin	5.790	6.509	55897542	346.6E6	49.808	47.761
14)	MA Endrin	6.048	6.728	51274562	290.0E6	48.861	47.113
15)	B Endosulfa...	6.320	6.941	51484440	296.4E6	51.491	50.544
16)	A 4,4'-DDD	6.170	6.850	45773782	285.2E6	48.397	48.492
17)	MA 4,4'-DDT	6.410	7.147	49725950	282.8E6	50.001	47.150m
18)	B Endrin al...	6.489	7.065	44055022	245.7E6	53.239	52.673
19)	B Endosulfa...	6.700	7.287	53299894	269.3E6	50.193	46.963m
20)	A Methoxychlor	6.956	7.606	30458447	151.2E6	51.675	49.951m
21)	B Endrin ke...	7.194	7.762	66189034	327.9E6	51.918	50.458
22)	Mirex	7.380	8.211	50570504	223.2E6	49.593	50.121

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

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Data File : PD065183.D
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Acq On : 21 Aug 2021 12:13
Operator : AR\AJ
Sample : PB138591BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

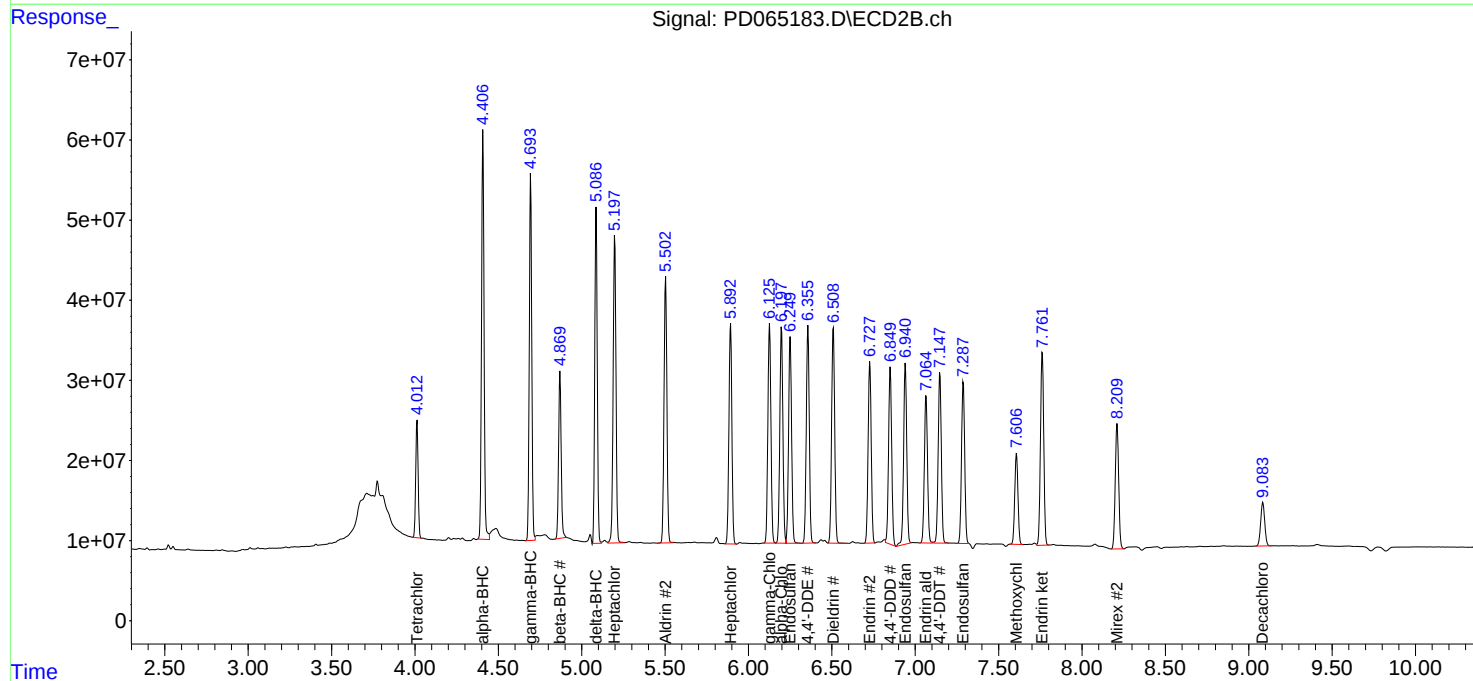
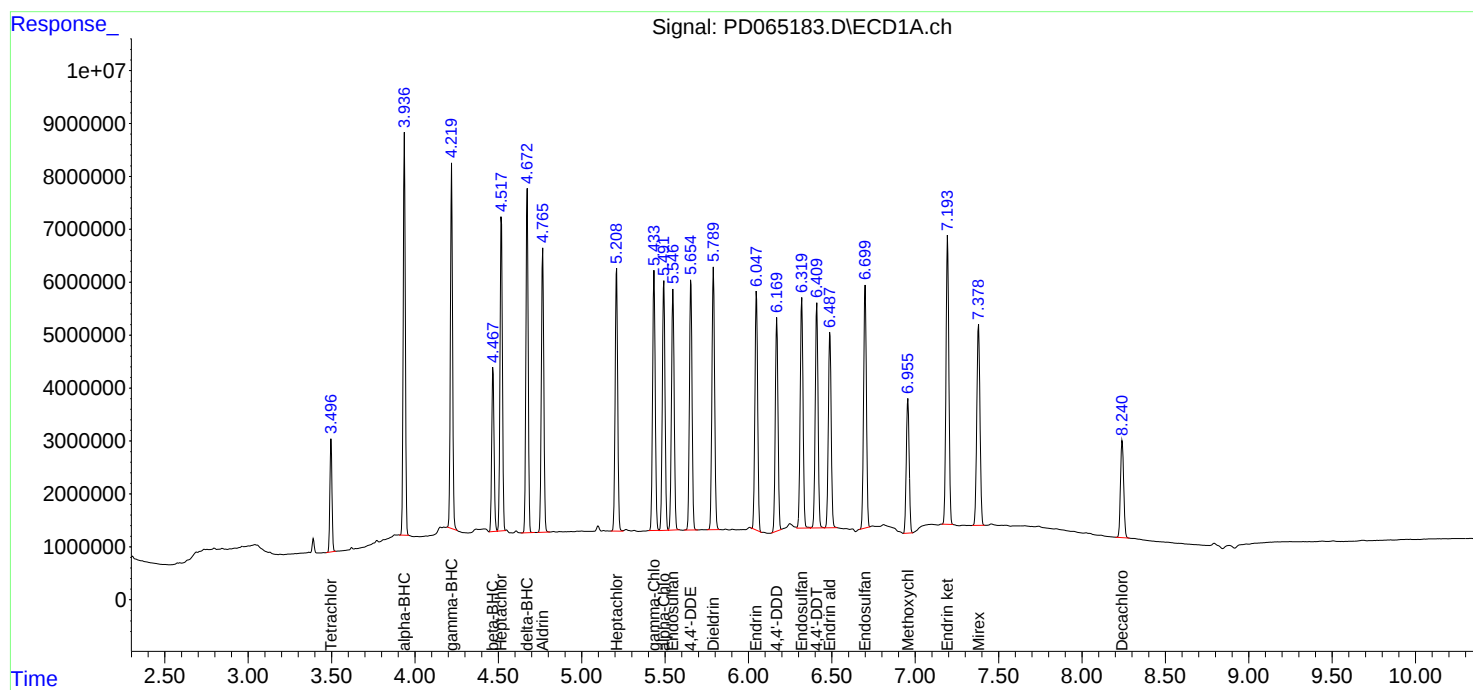
Instrument :
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PB138591BS

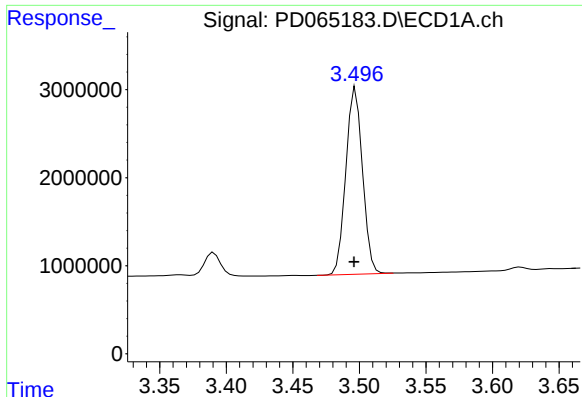
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 01:51:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
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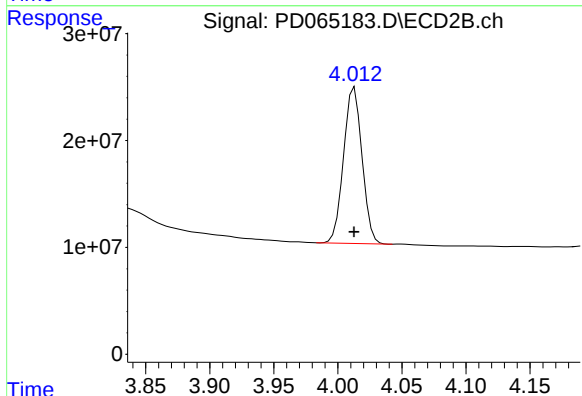
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.001 min
Response: 18498660
Conc: 18.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

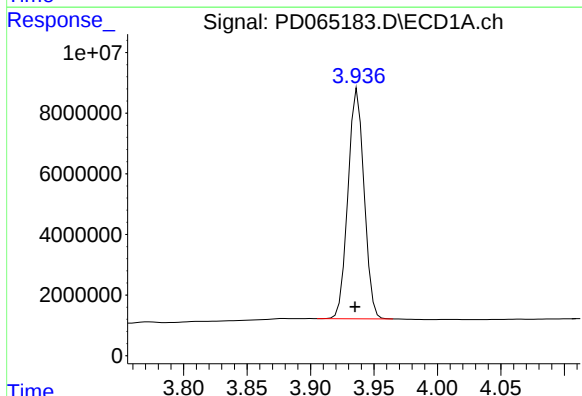
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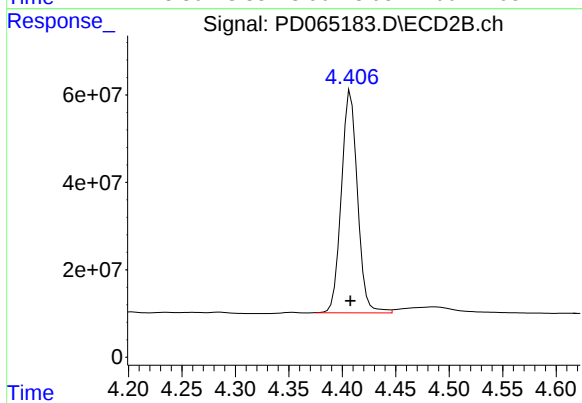
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 146573862
Conc: 18.51 ng/ml



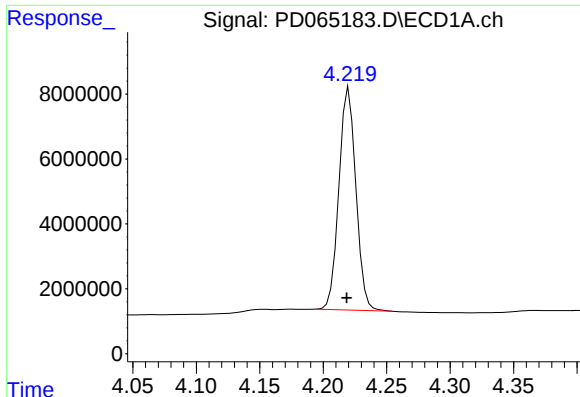
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.002 min
Response: 66794220
Conc: 46.67 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 534101215
Conc: 45.98 ng/ml



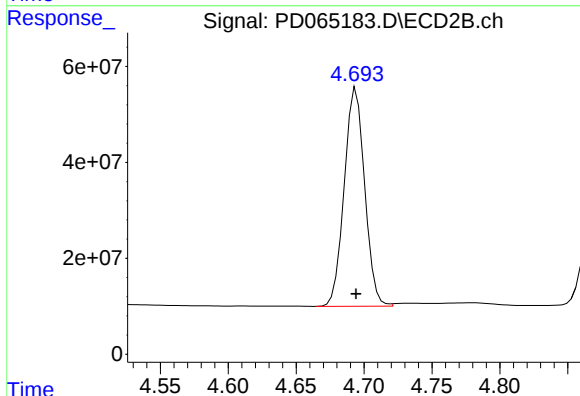
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 63867672
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

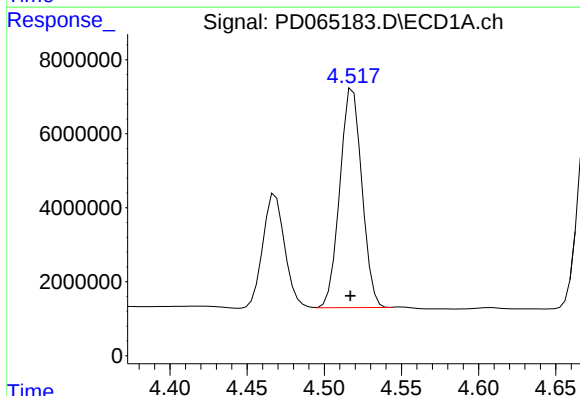
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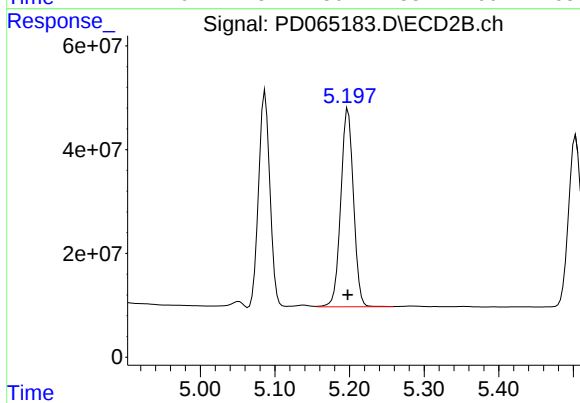
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 476550879
Conc: 44.99 ng/ml



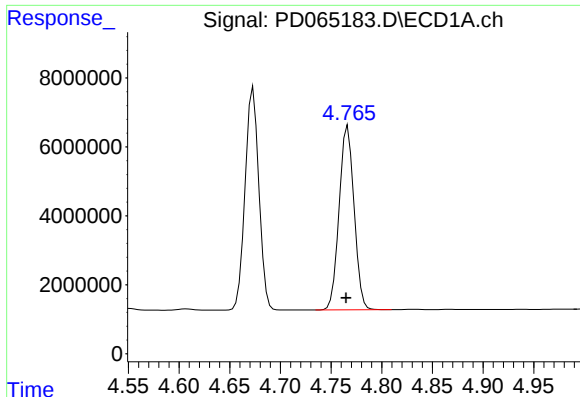
#4 Heptachlor

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 58874464
Conc: 45.20 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 452356668
Conc: 45.12 ng/ml



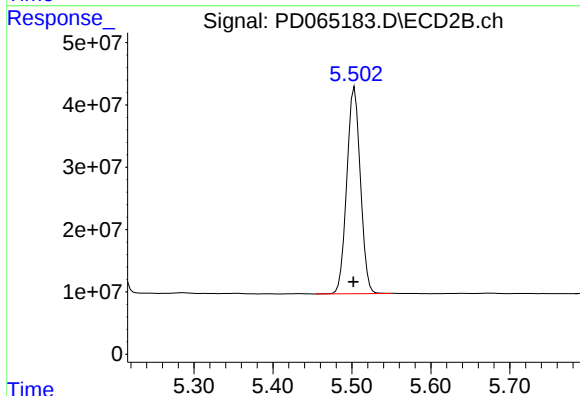
#5 Aldrin

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 54679750
Conc: 45.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

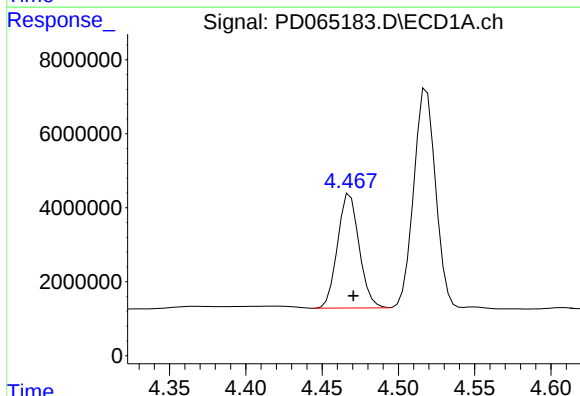
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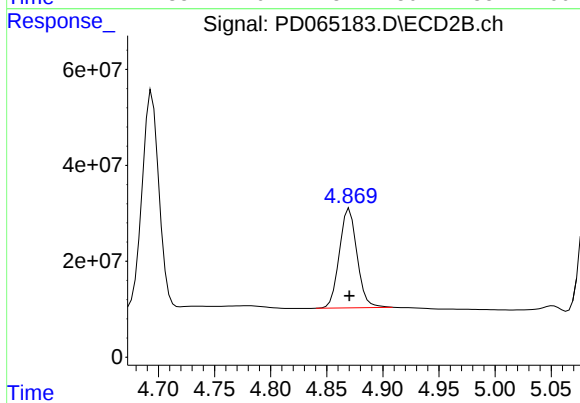
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 397688816
Conc: 44.03 ng/ml



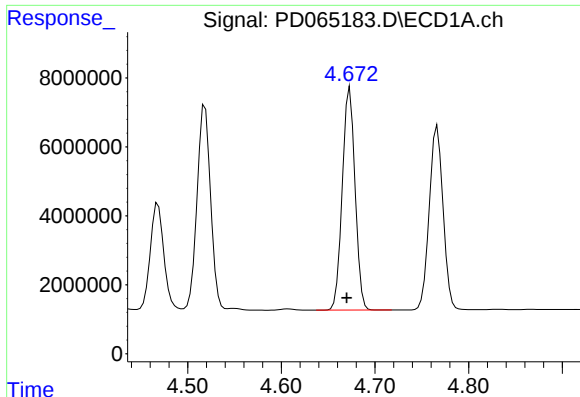
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 30479160
Conc: 46.68 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 227723985
Conc: 50.66 ng/ml



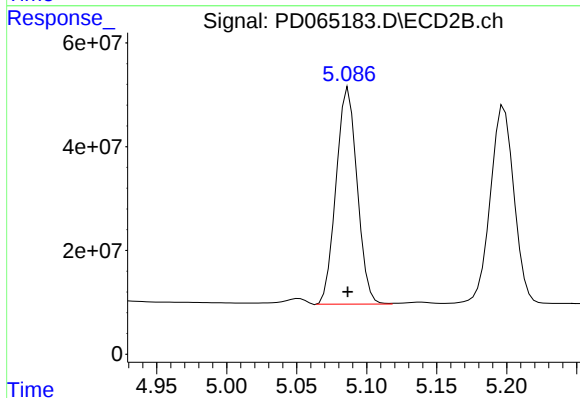
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.003 min
Response: 61178897
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

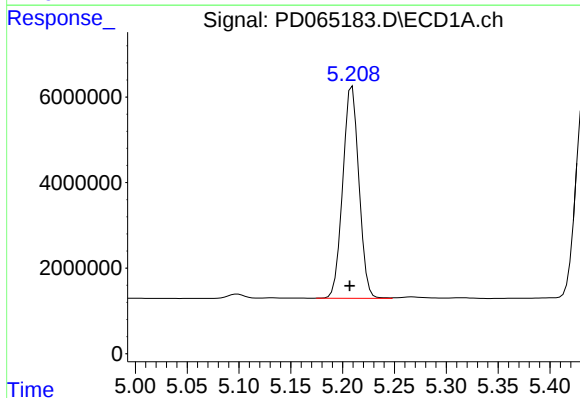
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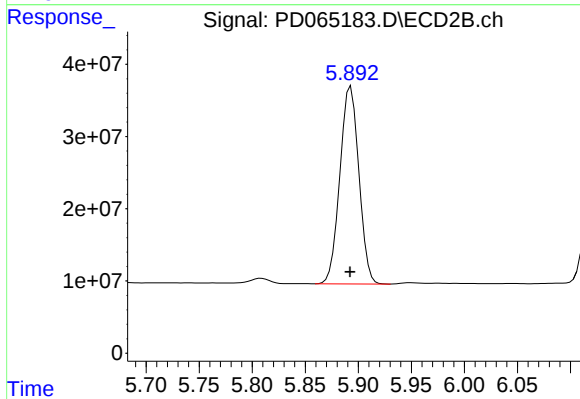
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 436368929
Conc: 44.93 ng/ml



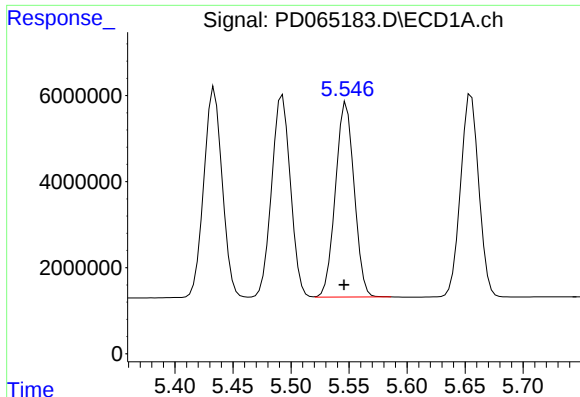
#8 Heptachlor epoxide

R.T.: 5.209 min
Delta R.T.: 0.002 min
Response: 53745795
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 340421758
Conc: 45.63 ng/ml



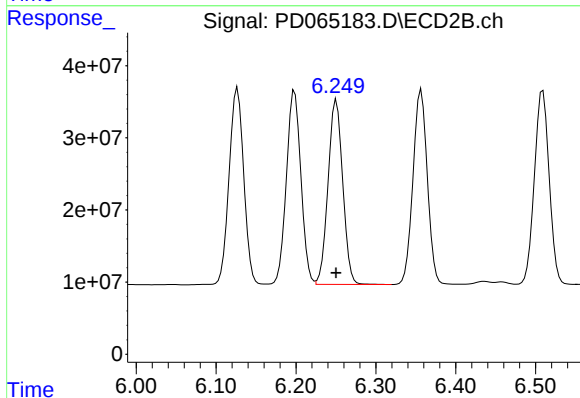
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: 0.002 min
Response: 50986347
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

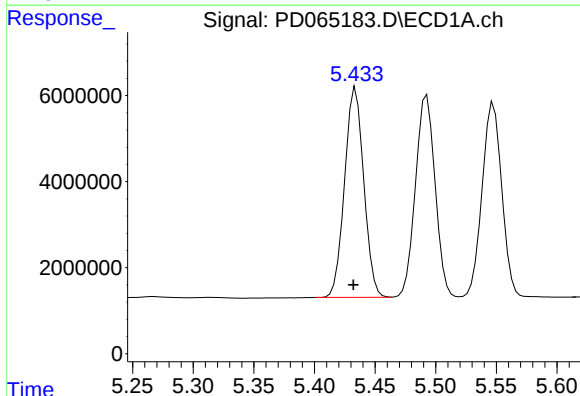
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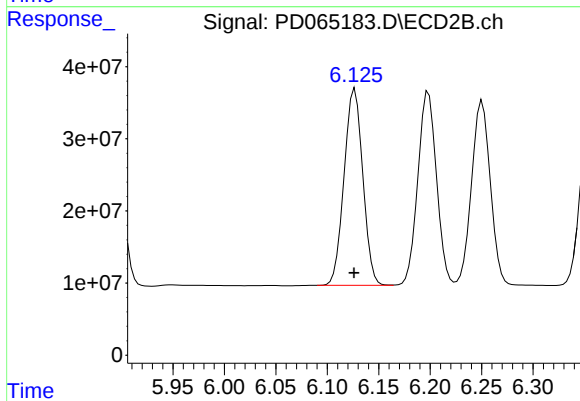
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 326472853
Conc: 46.36 ng/ml



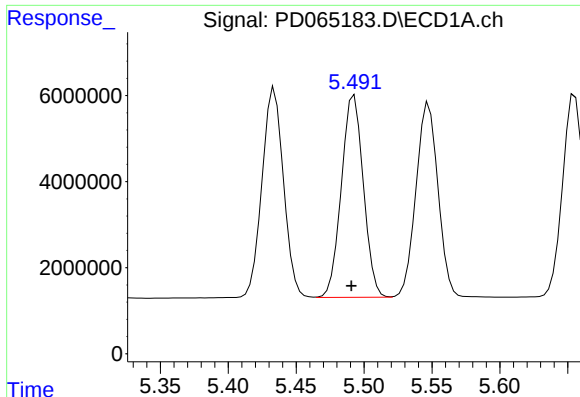
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 53589206
Conc: 47.40 ng/ml m



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 345472684
Conc: 45.18 ng/ml



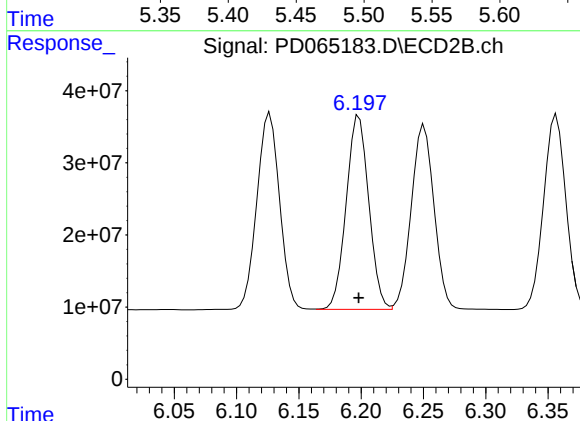
#11 alpha-Chlordane

R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 52997047
Conc: 47.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

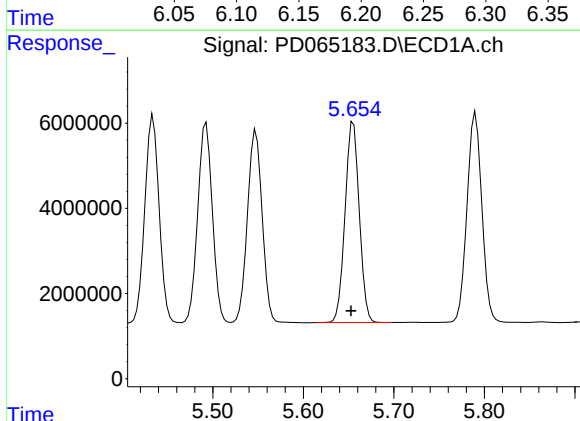
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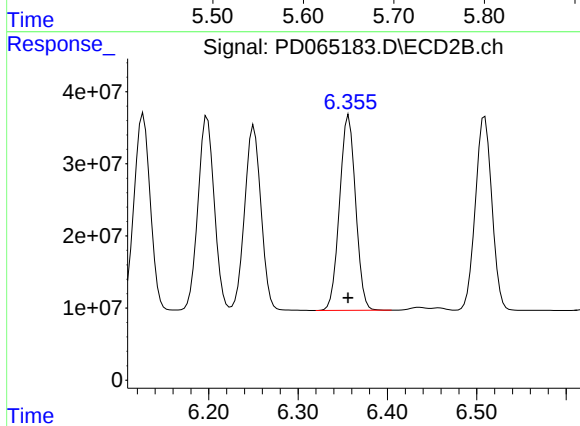
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 340480339
Conc: 45.74 ng/ml



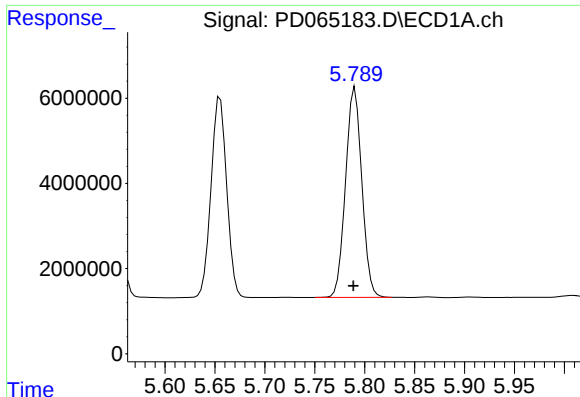
#12 4,4'-DDE

R.T.: 5.655 min
Delta R.T.: 0.002 min
Response: 51582070
Conc: 48.94 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 337148389
Conc: 46.95 ng/ml



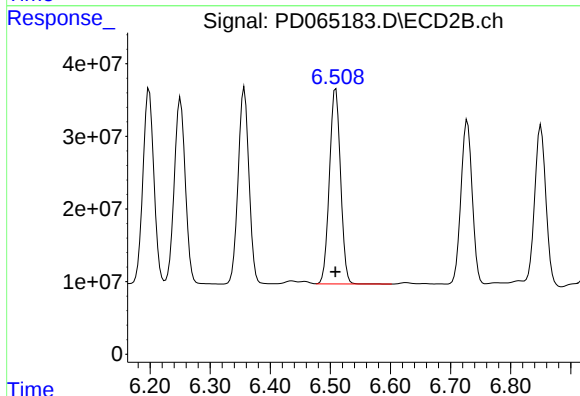
#13 Dieldrin

R.T.: 5.790 min
Delta R.T.: 0.002 min
Response: 55897542
Conc: 49.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

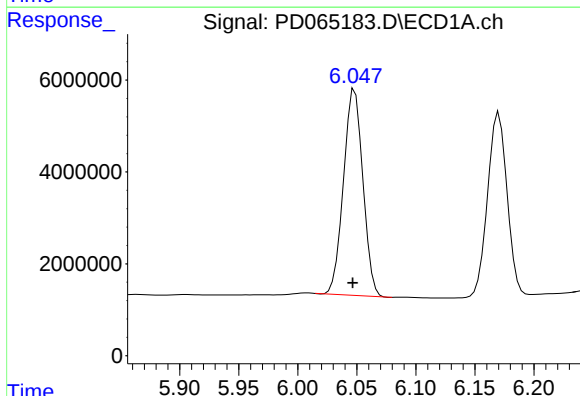
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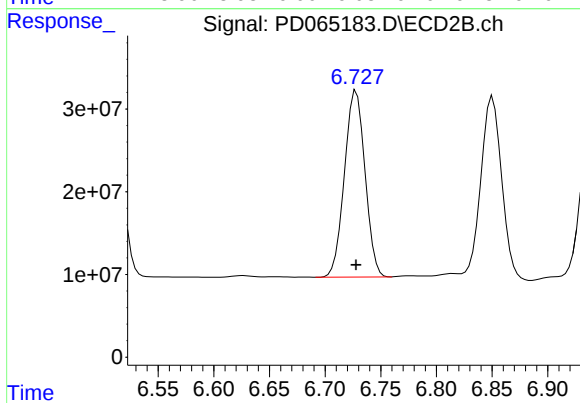
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 346560038
Conc: 47.76 ng/ml



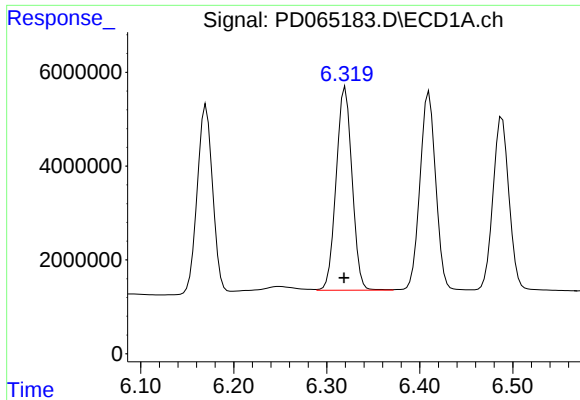
#14 Endrin

R.T.: 6.048 min
Delta R.T.: 0.002 min
Response: 51274562
Conc: 48.86 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 289974588
Conc: 47.11 ng/ml



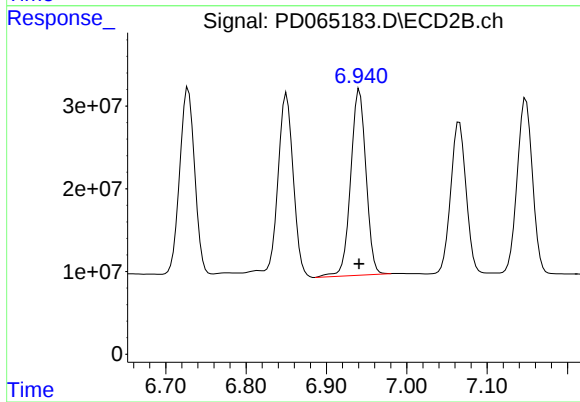
#15 Endosulfan II

R.T.: 6.320 min
Delta R.T.: 0.002 min
Response: 51484440
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

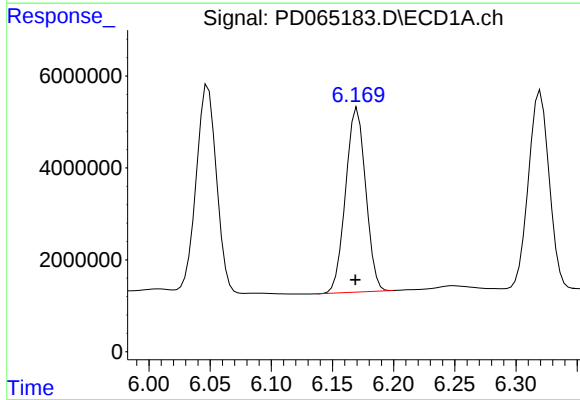
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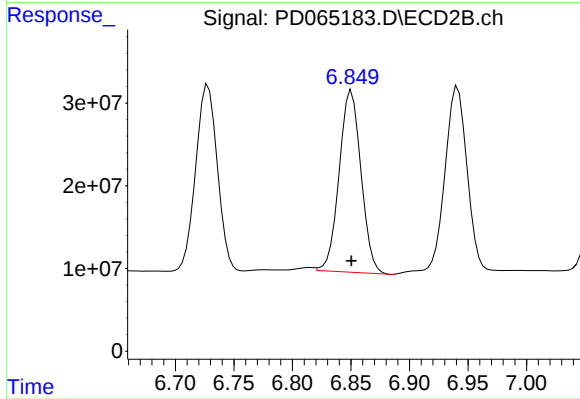
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 296385829
Conc: 50.54 ng/ml



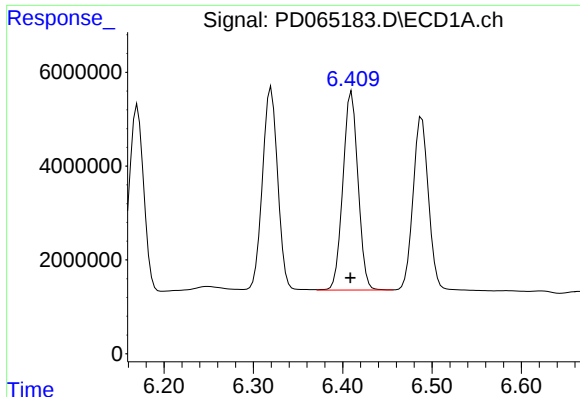
#16 4,4'-DDD

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 45773782
Conc: 48.40 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 285153044
Conc: 48.49 ng/ml



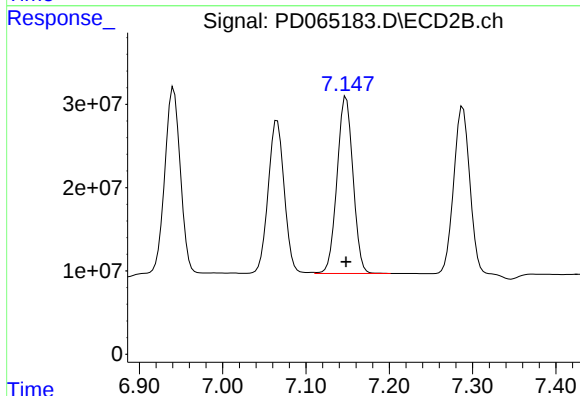
#17 4,4'-DDT

R.T.: 6.410 min
Delta R.T.: 0.001 min
Response: 49725950
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

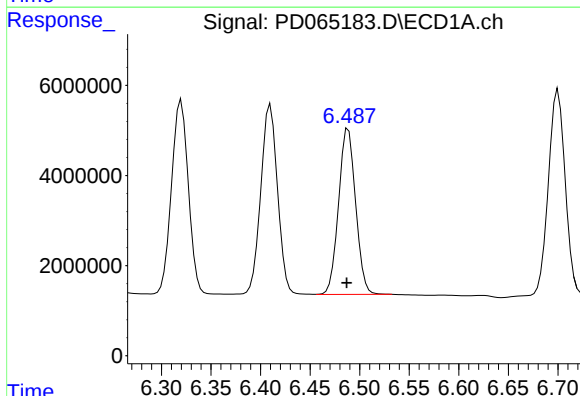
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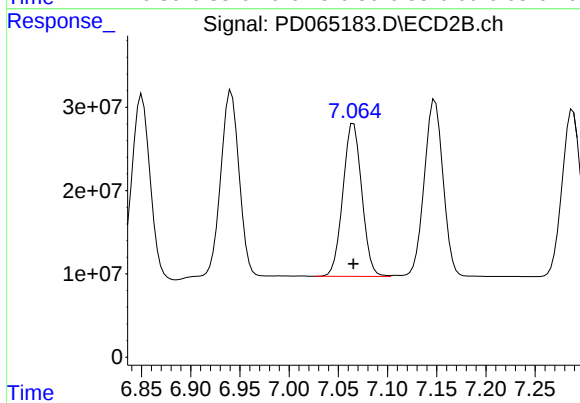
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 282755524
Conc: 47.15 ng/ml m



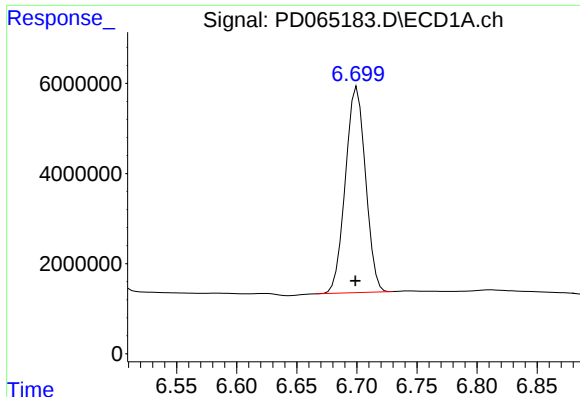
#18 Endrin aldehyde

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 44055022
Conc: 53.24 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 245685541
Conc: 52.67 ng/ml



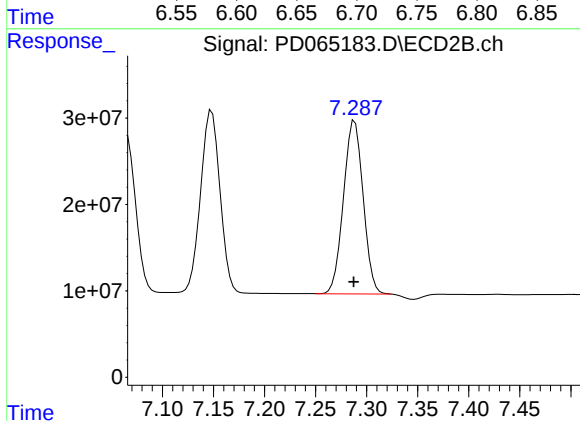
#19 Endosulfan Sulfate

R.T.: 6.700 min
Delta R.T.: 0.001 min
Response: 53299894
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

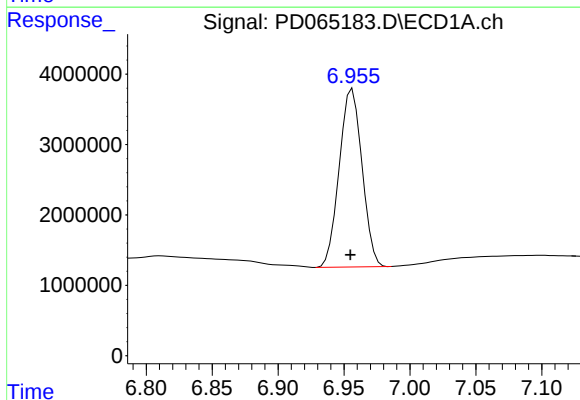
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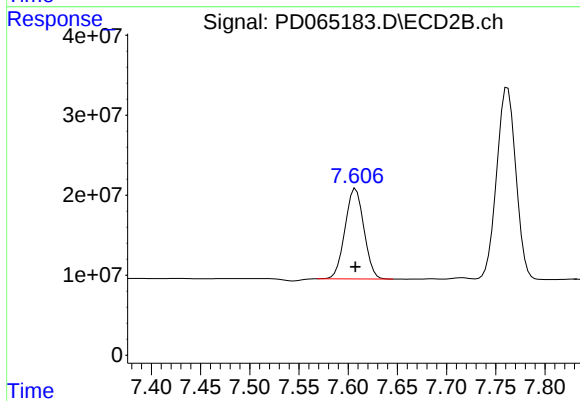
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 269317335
Conc: 46.96 ng/ml m



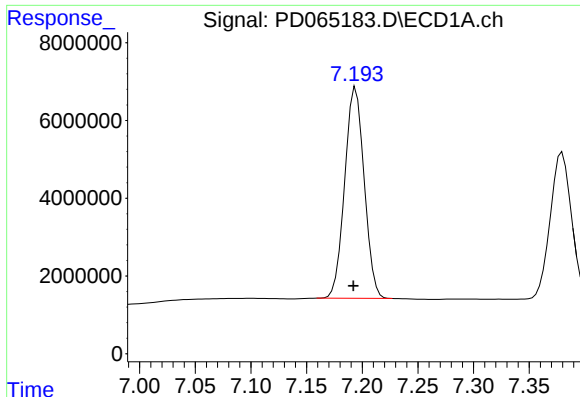
#20 Methoxychlor

R.T.: 6.956 min
Delta R.T.: 0.001 min
Response: 30458447
Conc: 51.68 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 151158475
Conc: 49.95 ng/ml m



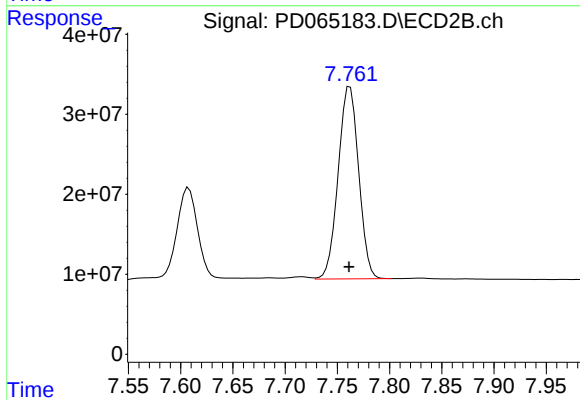
#21 Endrin ketone

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 66189034
Conc: 51.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

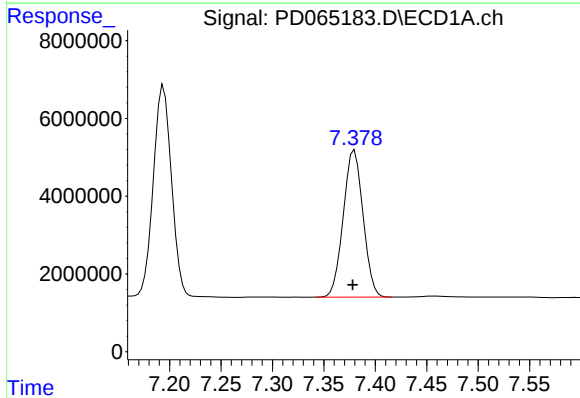
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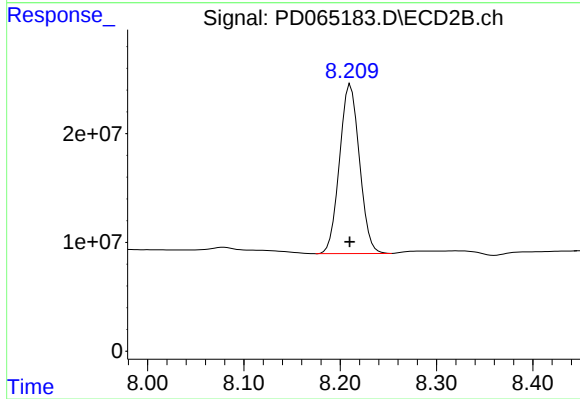
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 327909966
Conc: 50.46 ng/ml



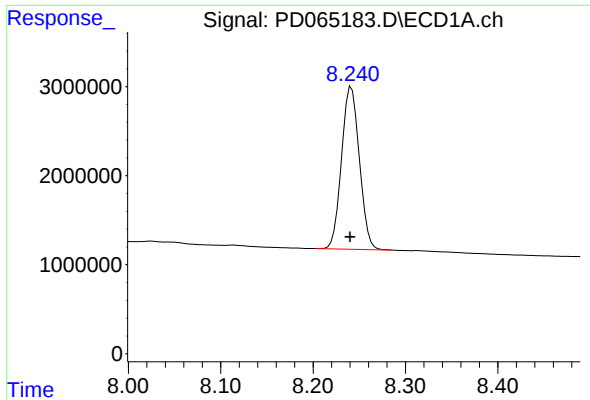
#22 Mirex

R.T.: 7.380 min
Delta R.T.: 0.002 min
Response: 50570504
Conc: 49.59 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 223154010
Conc: 50.12 ng/ml



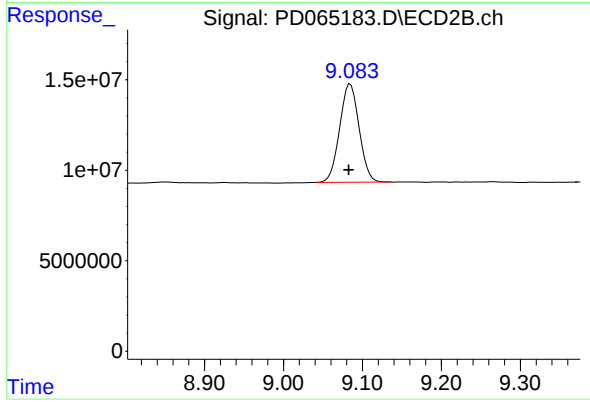
#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: 0.001 min
Response: 24472125
Conc: 21.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138591BS

Manual Integrations
APPROVED

mohammad
8/23/2021 2:31:56 PM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 93126963
Conc: 19.68 ng/ml