

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 23:21
 Operator : AR\AJ
 Sample : M3505-01MS
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DRILL-CUTTINGMS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:59:43 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...	3.496	4.013	20175451	156.0E6	19.628	19.700
28)	SA Decachlor...	8.239	9.084	19282967	71030506	17.019m	15.009
Target Compounds							
2)	A alpha-BHC	3.935	4.408	68901286	529.2E6	48.143	45.554
3)	MA gamma-BHC...	4.218	4.694	64613724	486.1E6	47.096	45.883
4)	MA Heptachlor	4.517	5.198	60712321	458.1E6	46.613	45.687
5)	MB Aldrin	4.764	5.503	56936707	408.1E6	47.479	45.179
6)	B beta-BHC	4.466	4.870	30777194	216.5E6	47.250	47.968
7)	B delta-BHC	4.671	5.087	62766173	460.0E6	47.475	47.365
8)	B Heptachlo...	5.207	5.892	54647564	361.7E6	48.089	48.485
9)	A Endosulfan I	5.545	6.250	52570282	327.7E6	49.283	46.530
10)	B gamma-Chl...	5.432	6.126	55236748	348.1E6	48.853	45.527
11)	B alpha-Chl...	5.490	6.198	54946915	341.2E6	49.075	45.831
12)	B 4,4'-DDE	5.652	6.356	52094599	336.4E6	49.429	46.844
13)	MA Dieldrin	5.788	6.509	57111049	361.0E6	50.889	49.751
14)	MA Endrin	6.045	6.728	52019633	290.3E6	49.571	47.169
15)	B Endosulfa...	6.318	6.940	51673802	294.7E6	51.681	50.253
16)	A 4,4'-DDD	6.168	6.850	46912552	284.8E6	49.601	48.431
17)	MA 4,4'-DDT	6.408	7.147	48973707	281.1E6	49.245	46.875
18)	B Endrin al...	6.486	7.065	45284000	257.0E6	54.724	55.094
19)	B Endosulfa...	6.698	7.287	55389745	290.3E6	52.161	50.628
20)	A Methoxychlor	6.954	7.607	29912317	154.6E6	50.749	51.096
21)	B Endrin ke...	7.192	7.761	66624621	326.2E6	52.260	50.197
22)	Mirex	7.377	8.210	50384862	221.4E6	49.411	49.720

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
Data File : PD065214.D
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Acq On : 21 Aug 2021 23:21
Operator : AR\AJ
Sample : M3505-01MS
Misc :
ALS Vial : 89 Sample Multiplier: 1

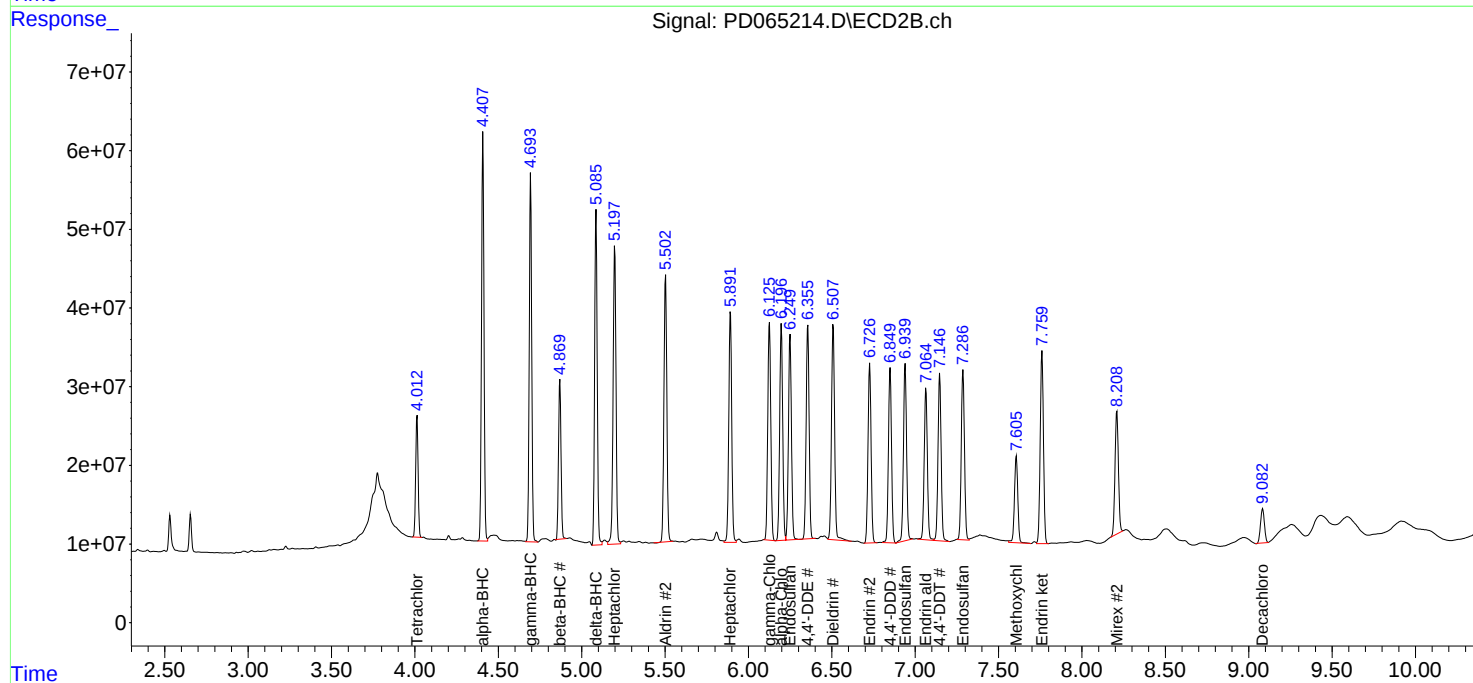
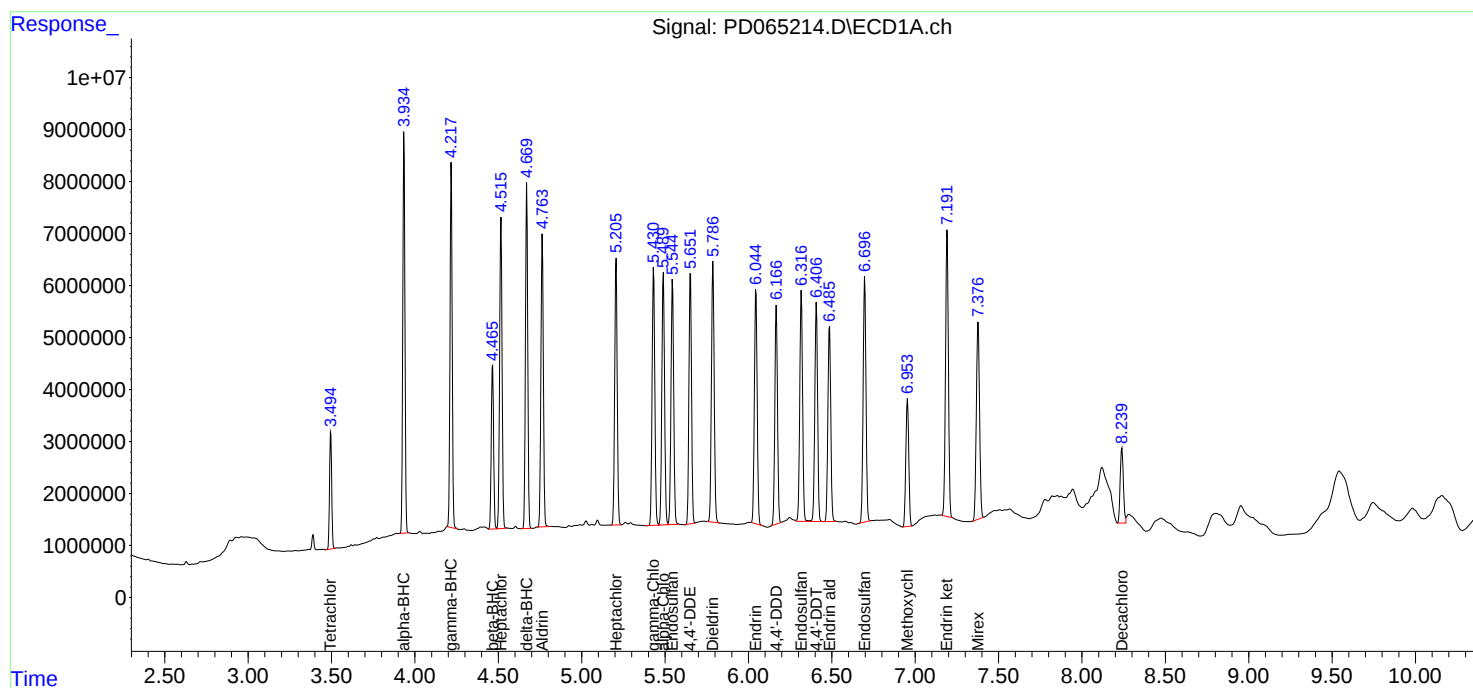
Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

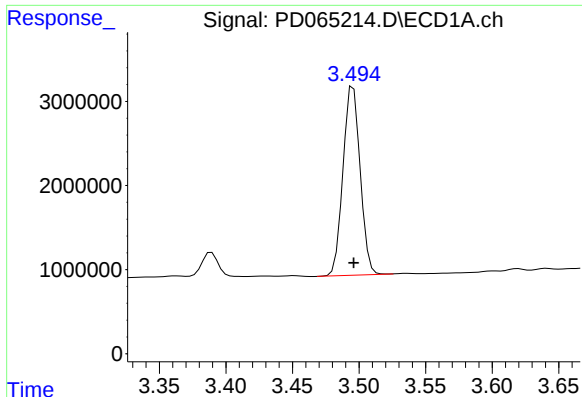
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 01:59:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
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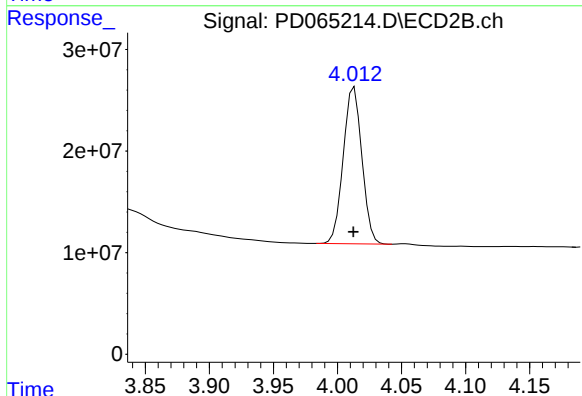
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20175451
Conc: 19.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

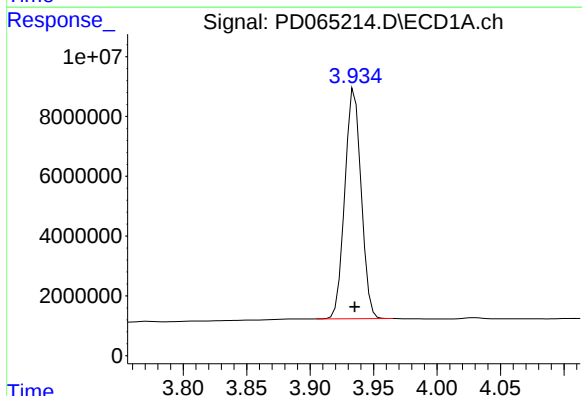
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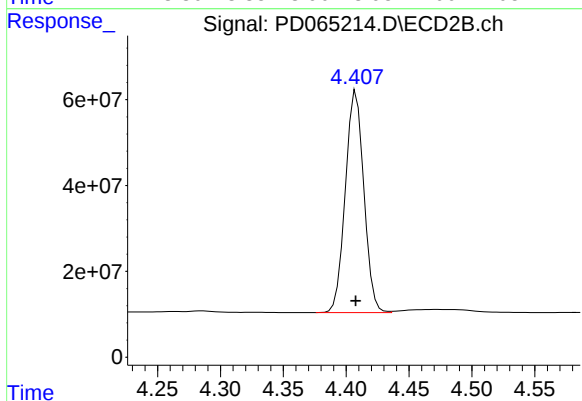
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 156039464
Conc: 19.70 ng/ml



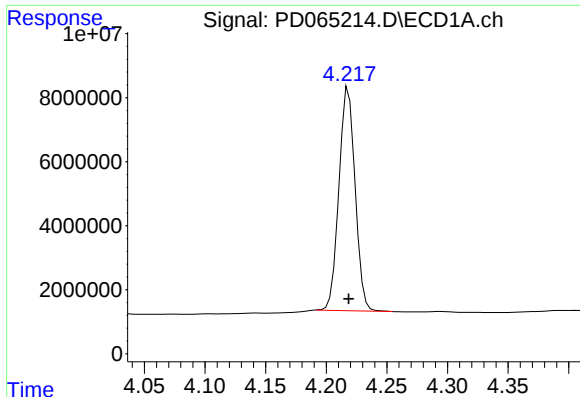
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 68901286
Conc: 48.14 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 529197795
Conc: 45.55 ng/ml



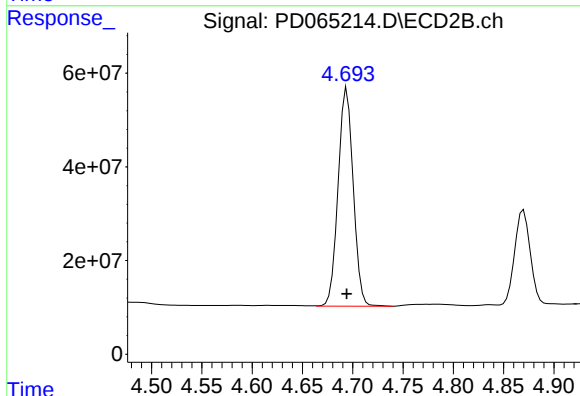
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 64613724
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

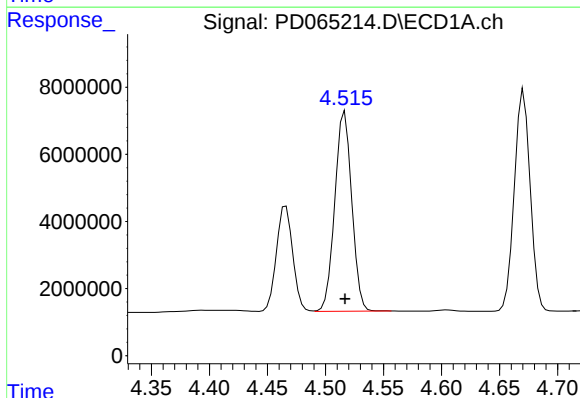
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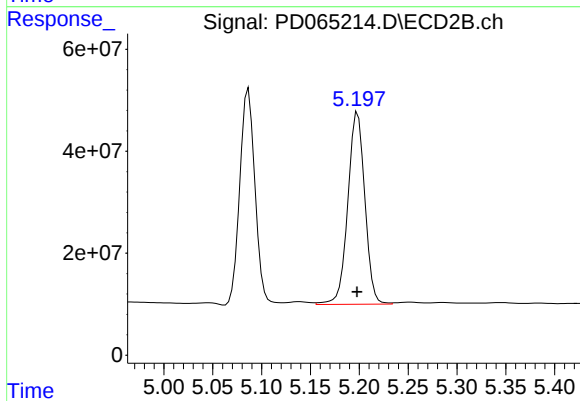
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 486050510
Conc: 45.88 ng/ml



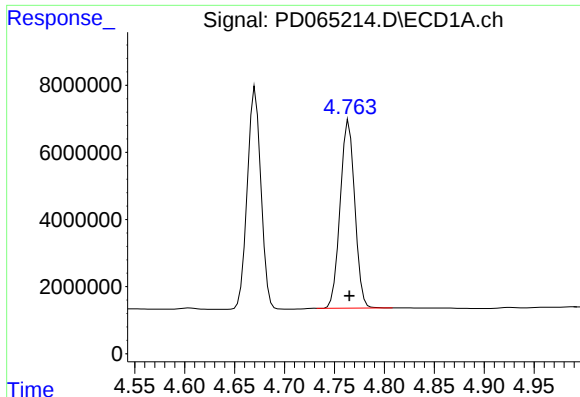
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 60712321
Conc: 46.61 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 458062005
Conc: 45.69 ng/ml



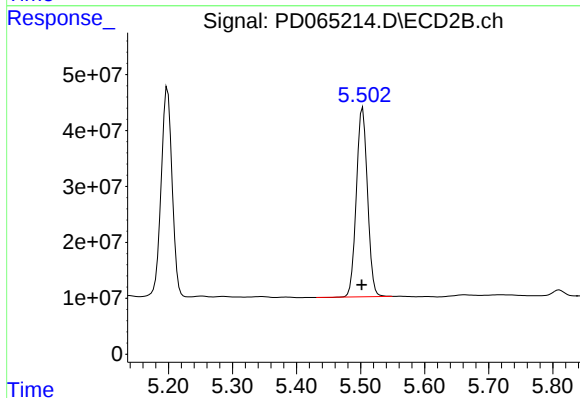
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 56936707
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

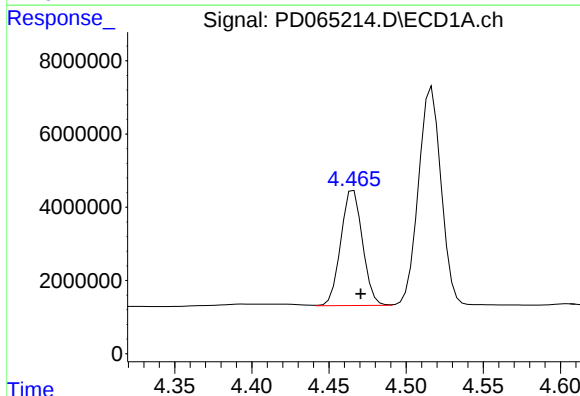
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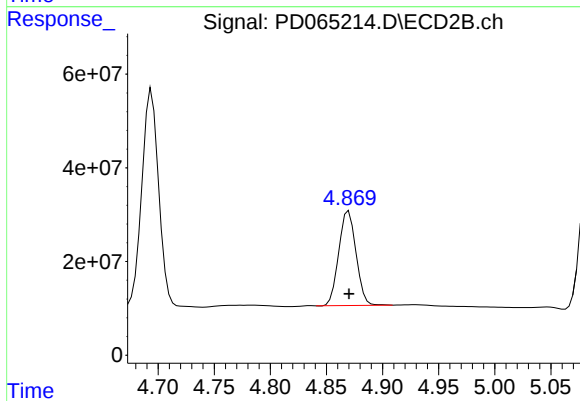
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 408097722
Conc: 45.18 ng/ml



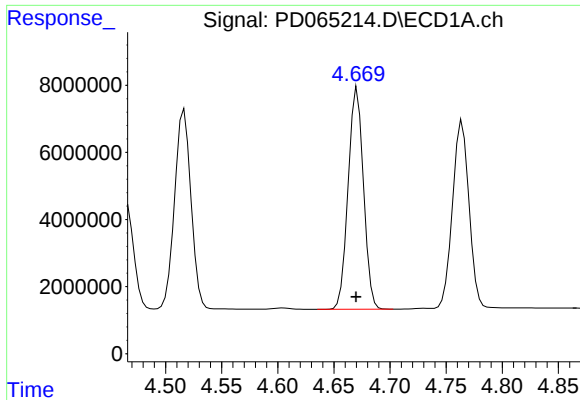
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 30777194
Conc: 47.25 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 216522993
Conc: 47.97 ng/ml



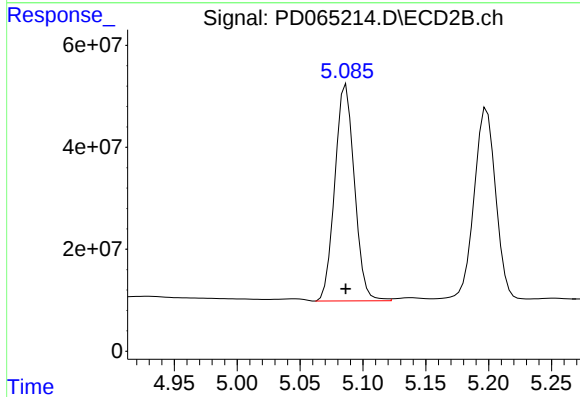
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 62766173
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

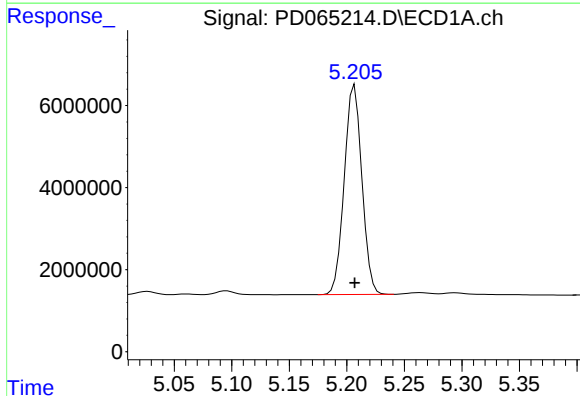
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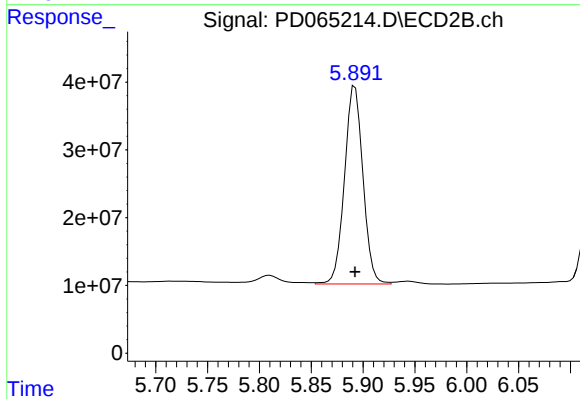
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 459991379
Conc: 47.37 ng/ml



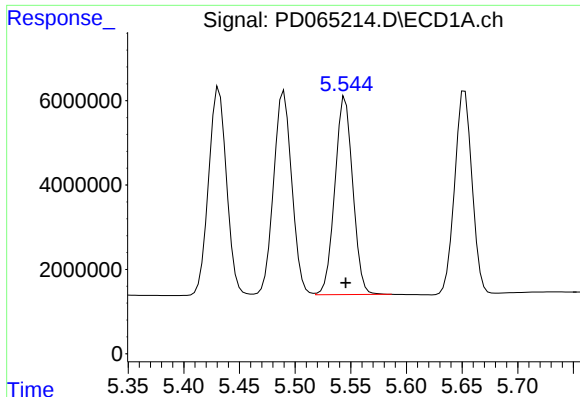
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 54647564
Conc: 48.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 361721725
Conc: 48.49 ng/ml



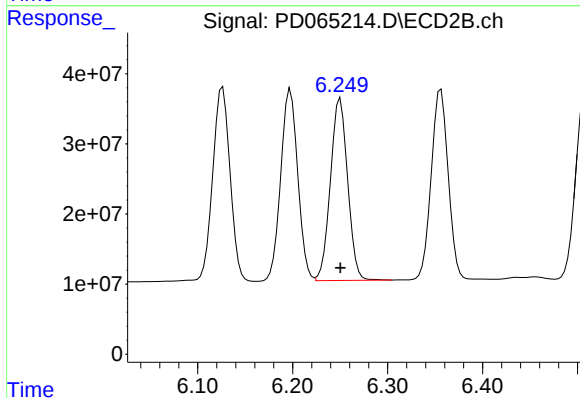
#9 Endosulfan I

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 52570282
Conc: 49.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

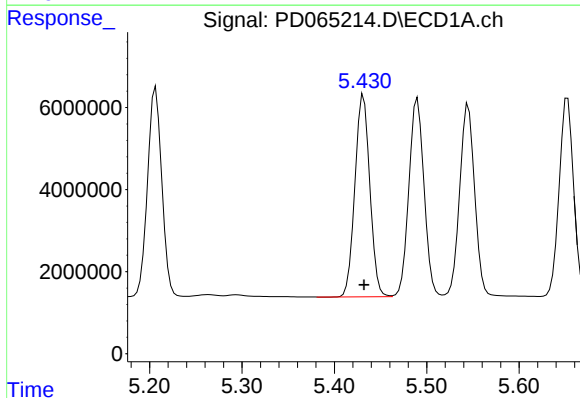
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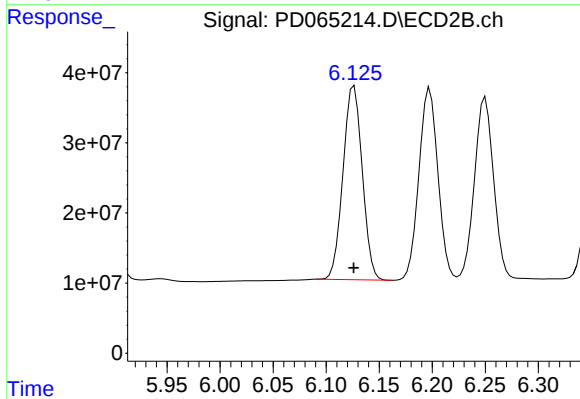
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 327688949
Conc: 46.53 ng/ml



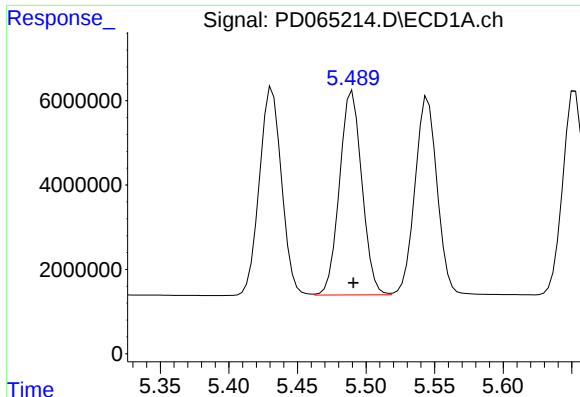
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 55236748
Conc: 48.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 348104970
Conc: 45.53 ng/ml



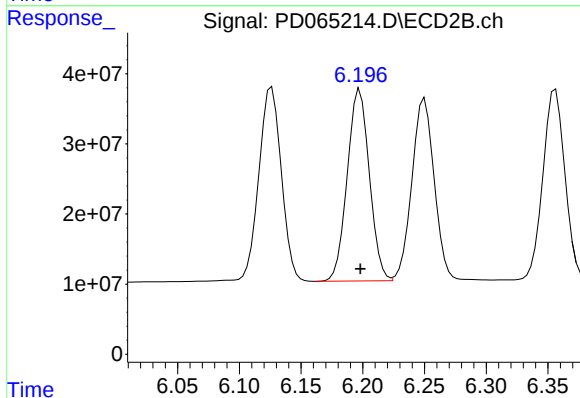
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 54946915
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

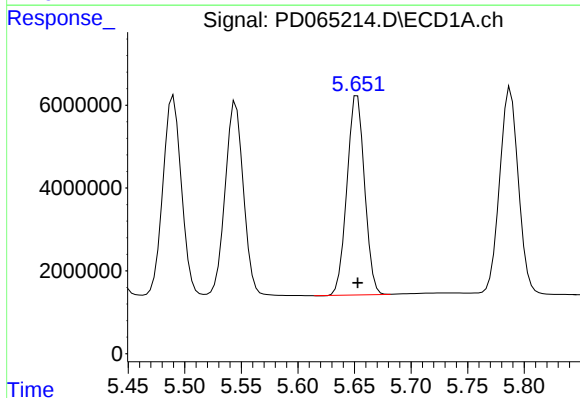
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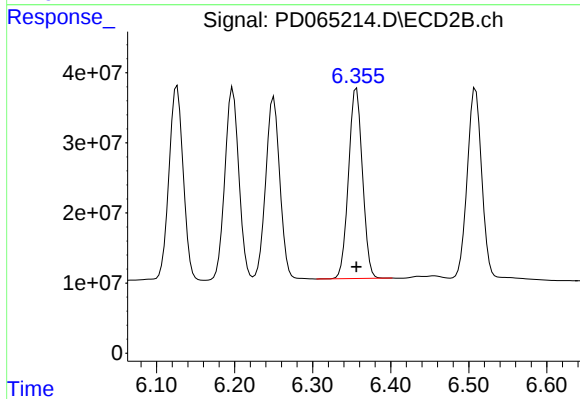
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 341195285
Conc: 45.83 ng/ml



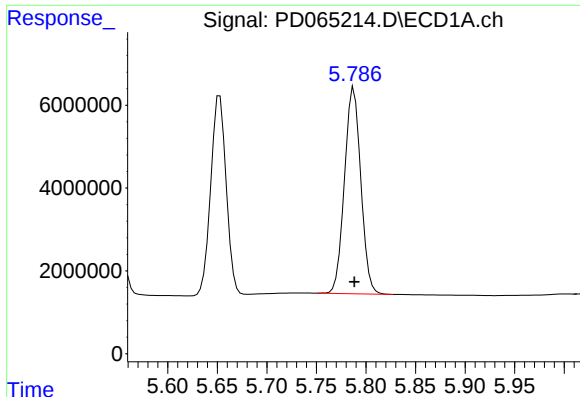
#12 4,4'-DDE

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 52094599
Conc: 49.43 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 336375474
Conc: 46.84 ng/ml



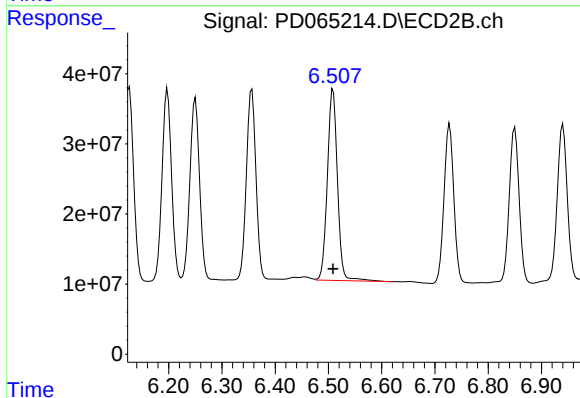
#13 Dieldrin

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 57111049
Conc: 50.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

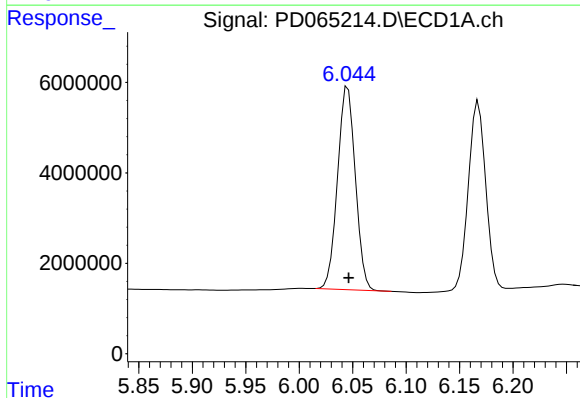
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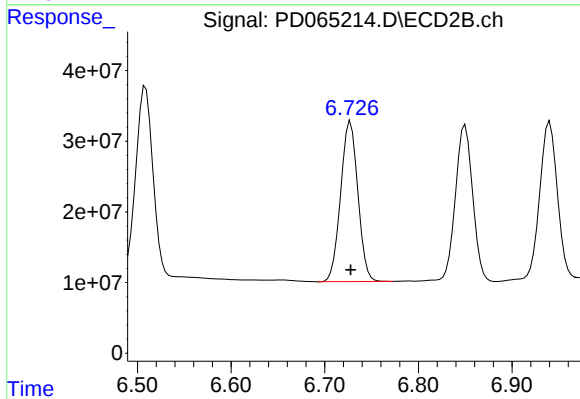
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 361003667
Conc: 49.75 ng/ml



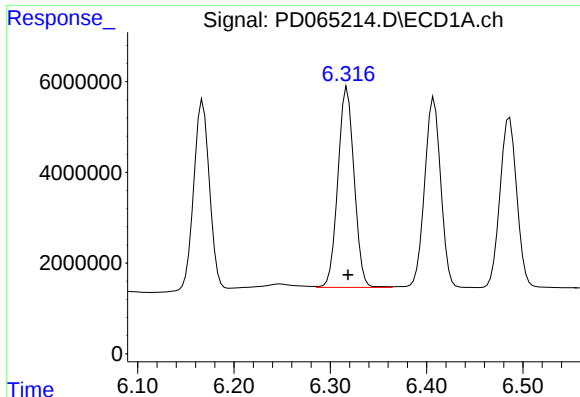
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 52019633
Conc: 49.57 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 290317801
Conc: 47.17 ng/ml



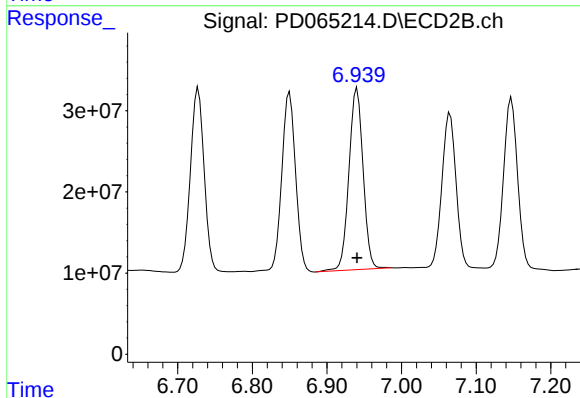
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 51673802
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

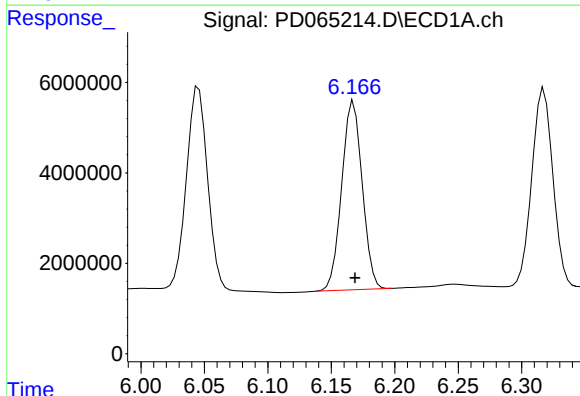
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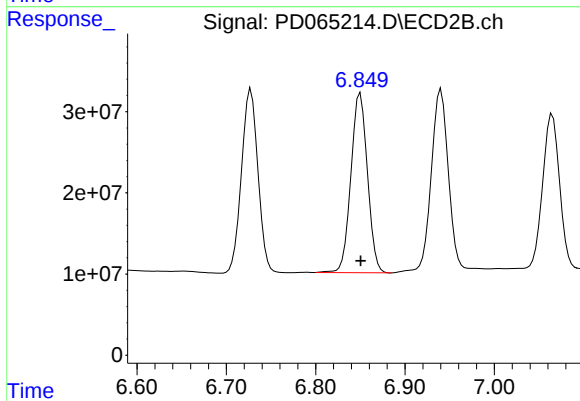
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 294678439
Conc: 50.25 ng/ml



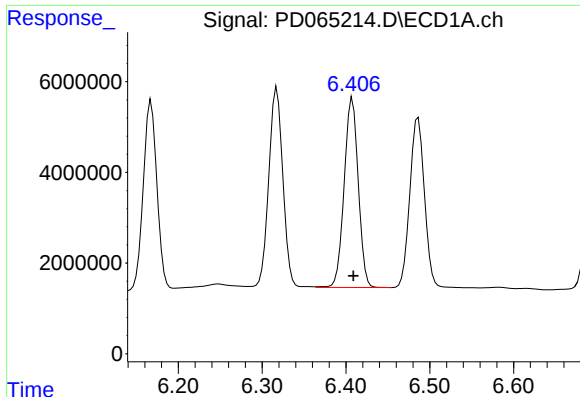
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 46912552
Conc: 49.60 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 284794971
Conc: 48.43 ng/ml



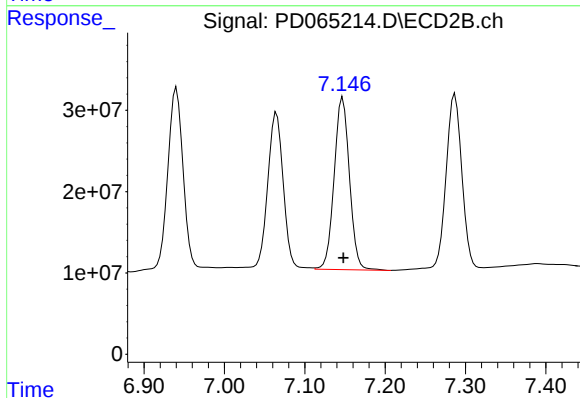
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 48973707
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

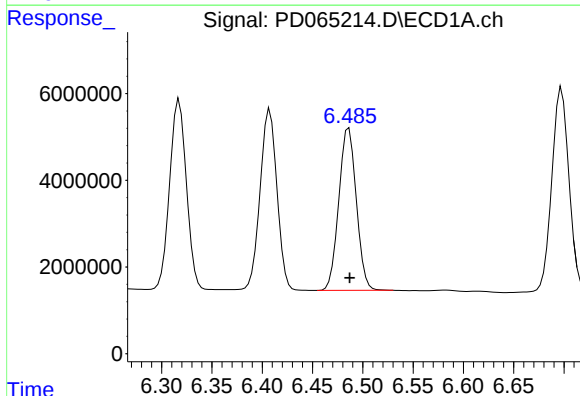
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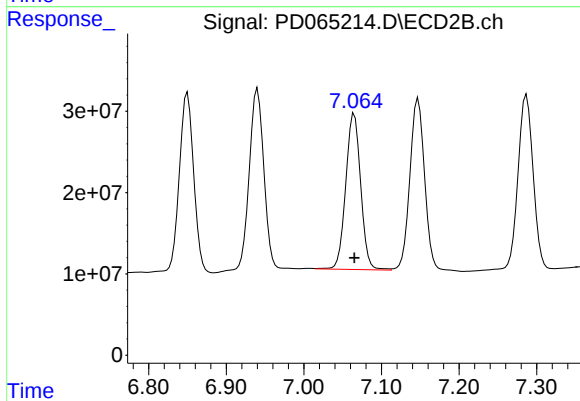
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 281105038
Conc: 46.87 ng/ml



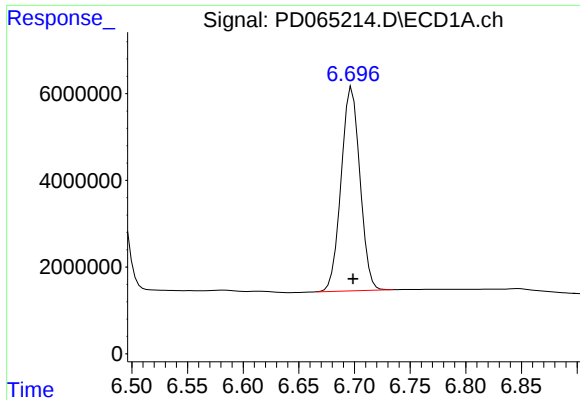
#18 Endrin aldehyde

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 45284000
Conc: 54.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 256978365
Conc: 55.09 ng/ml



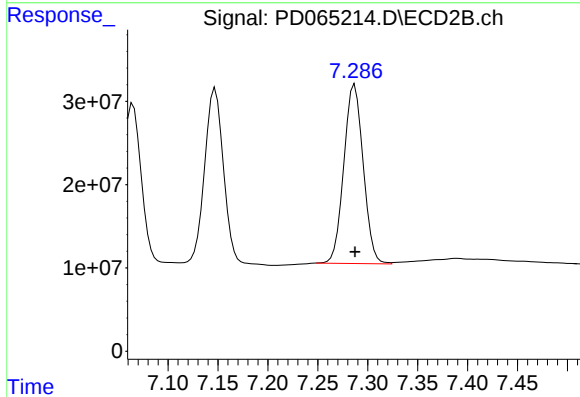
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 55389745
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

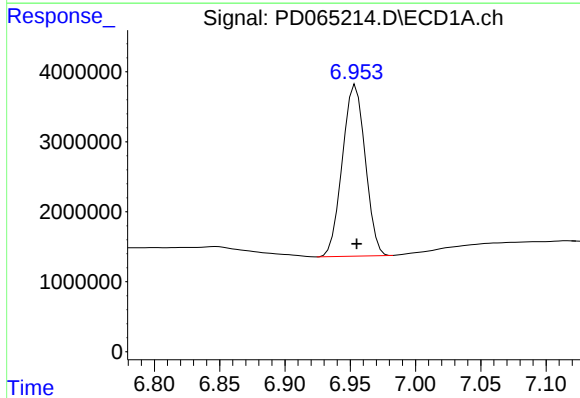
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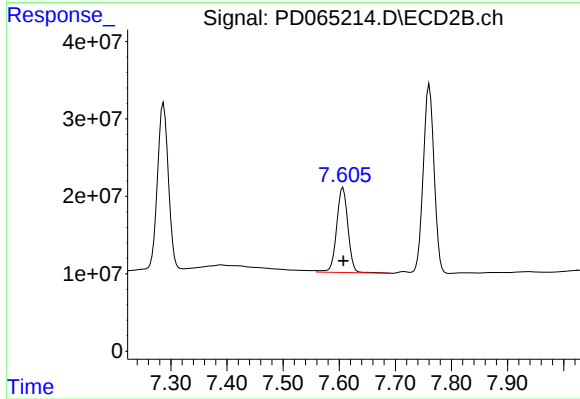
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 290333012
Conc: 50.63 ng/ml



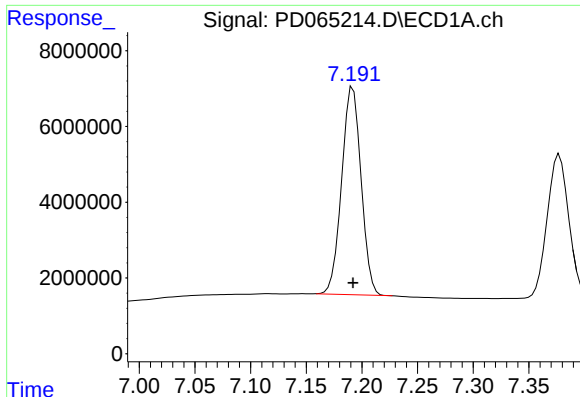
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 29912317
Conc: 50.75 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 154621083
Conc: 51.10 ng/ml



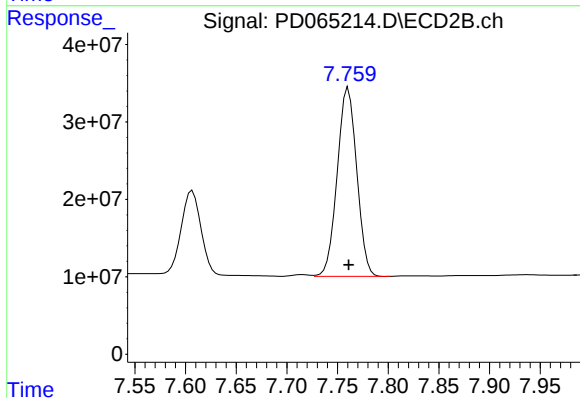
#21 Endrin ketone

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 66624621
Conc: 52.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

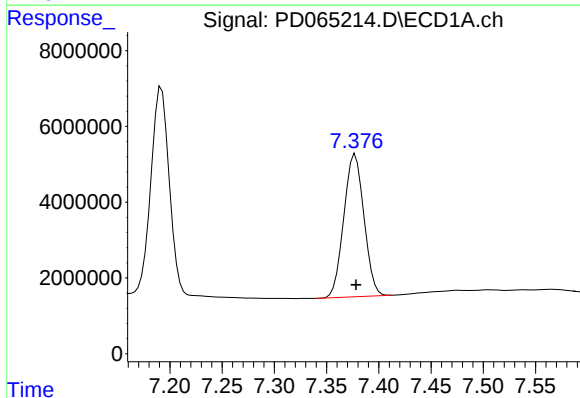
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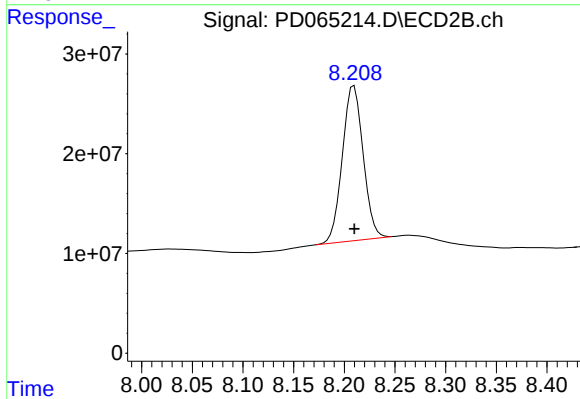
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 326215495
Conc: 50.20 ng/ml



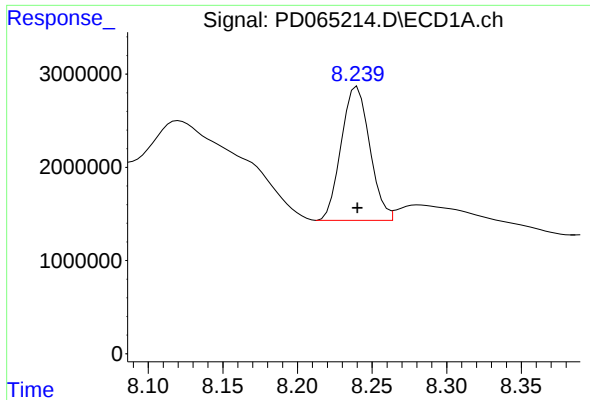
#22 Mirex

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 50384862
Conc: 49.41 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 221370516
Conc: 49.72 ng/ml



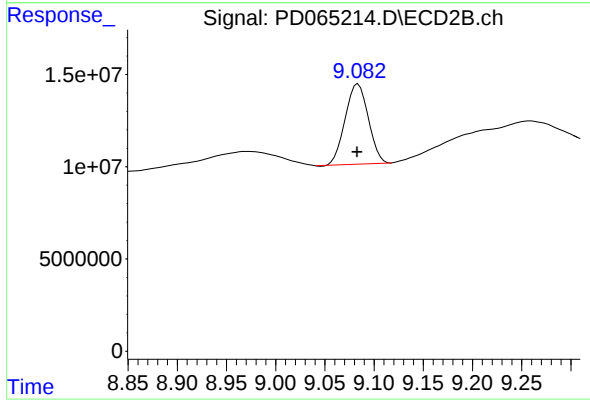
#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: -0.001 min
Response: 19282967
Conc: 17.02 ng/ml m

Instrument :
ECD_D
ClientSampleId :
DRILL-CUTTINGMS

Manual Integrations
APPROVED

mohammad
8/23/2021 2:42:34 PM



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.001 min
Response: 71030506
Conc: 15.01 ng/ml