

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
 Data File : PD079182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 16:55
 Operator : AR\AJ
 Sample : 05051-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DUCT-BANK-1AMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2023
 Supervised By : Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 22:54:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.570	2.807	25614973	39369539	15.865	17.004
28)	SA Decachlor...	9.114	7.953	28106178	39383866	14.011	16.158
Target Compounds							
2)	A alpha-BHC	4.027	3.310	124.5E6	168.2E6	46.754	48.520
3)	MA gamma-BHC...	4.360	3.640	121.6E6	164.8E6	46.776	48.535
4)	MA Heptachlor	4.953	3.983	120.7E6	150.9E6	45.139	49.407
5)	MB Aldrin	5.296	4.264	121.1E6	160.8E6	46.989	49.147
6)	B beta-BHC	4.553	3.934	48712360	66276705	45.458	47.035
7)	B delta-BHC	4.801	4.166	124.8E6	164.6E6	46.609m	49.145
8)	B Heptachlo...	5.722	4.766	107.0E6	144.1E6	45.661	48.604
9)	A Endosulfan I	6.109	5.136	98579790	127.7E6	45.472	48.212
10)	B gamma-Chl...	5.978	5.016	105.2E6	139.5E6	45.879	48.599
11)	B alpha-Chl...	6.058	5.080	104.3E6	137.2E6	45.733	47.811
12)	B 4,4'-DDE	6.228	5.269	97453949	134.1E6	46.119	50.369
13)	MA Dieldrin	6.384	5.401	106.4E6	147.7E6	45.705	49.717
14)	MA Endrin	6.614	5.676	89698839	131.6E6	46.056	51.429
15)	B Endosulfa...	6.832	5.968	90566664	122.8E6	44.403	49.182
16)	A 4,4'-DDD	6.745	5.823	80475834	110.8E6	45.779	48.511
17)	MA 4,4'-DDT	7.060	6.074	82521022	111.3E6	43.577	48.605
18)	B Endrin al...	6.960	6.147	66317556	88241033	42.943m	47.459
19)	B Endosulfa...	7.196	6.370	86764665	113.9E6	43.641	48.770
20)	A Methoxychlor	7.534	6.649	45568278	61698339	41.585	45.446
21)	B Endrin ke...	7.683	6.876	98729062	134.3E6	45.285	48.034
22)	Mirex	8.159	7.061	83192956	118.7E6	49.149	55.573

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
Data File : PD079182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Oct 2023 16:55
Operator : AR\AJ
Sample : 05051-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

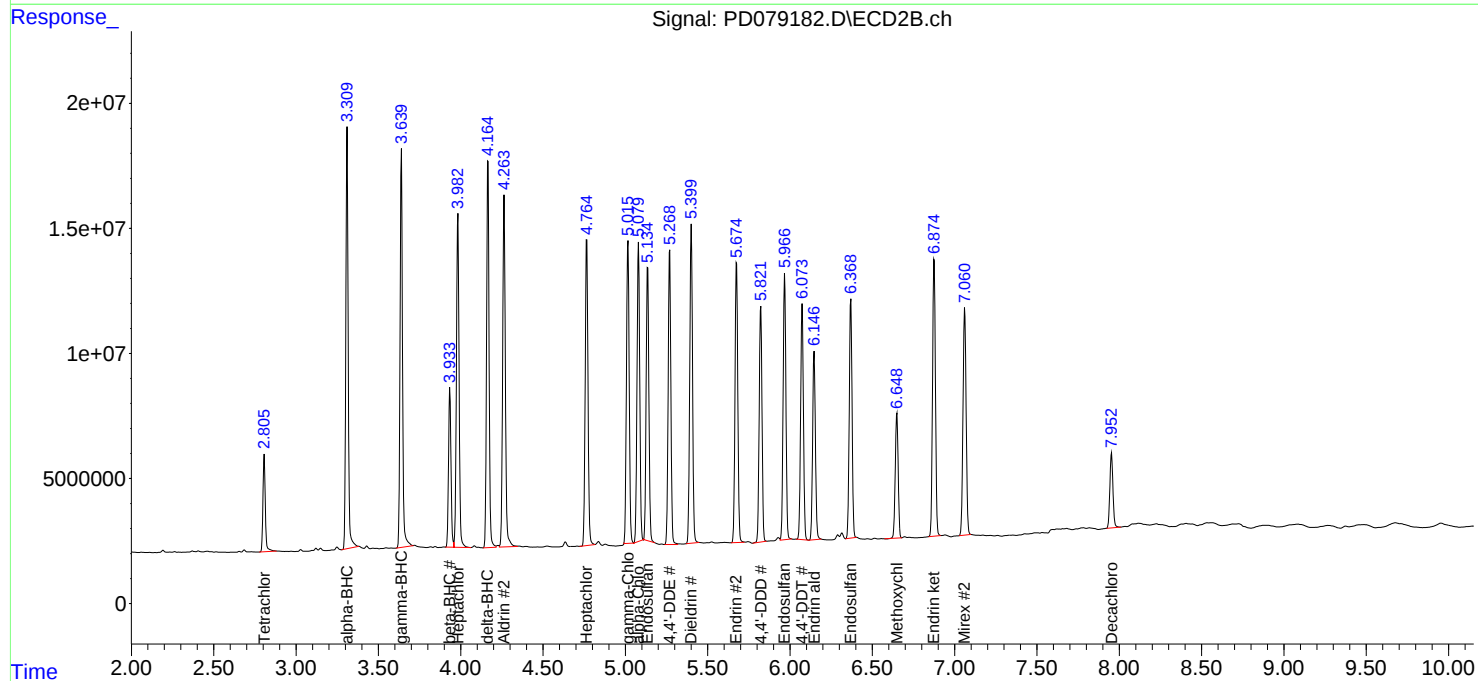
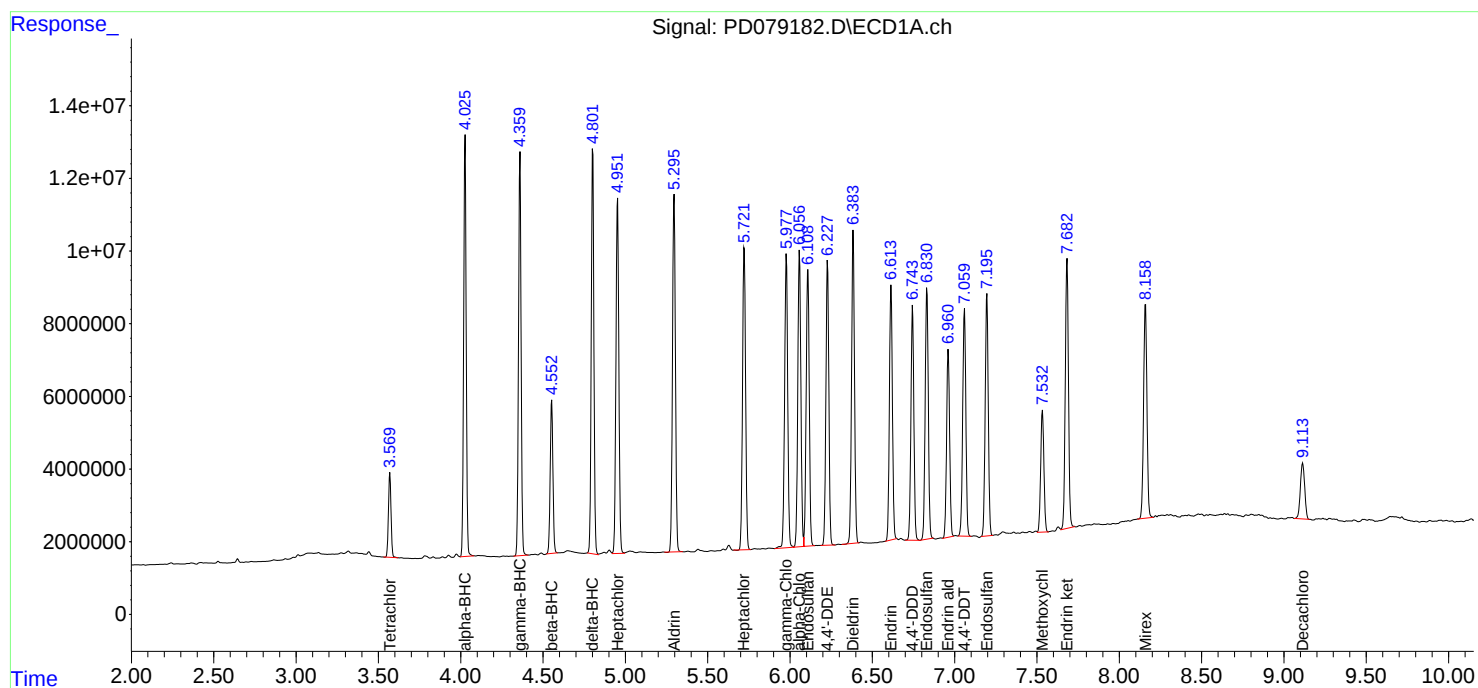
Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

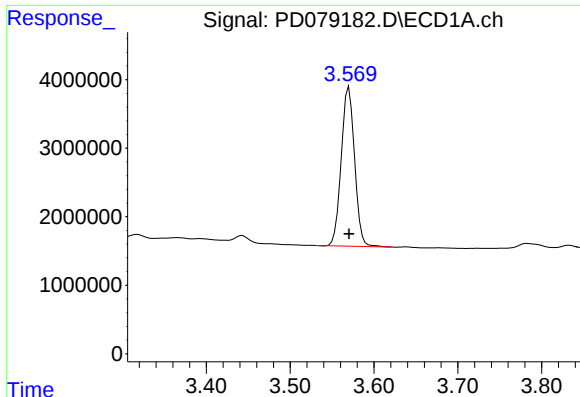
Manual Integrations
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Supervised By :Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 22:54:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





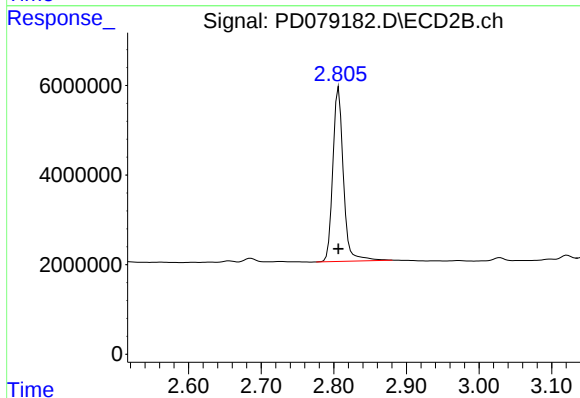
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 25614973
Conc: 15.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

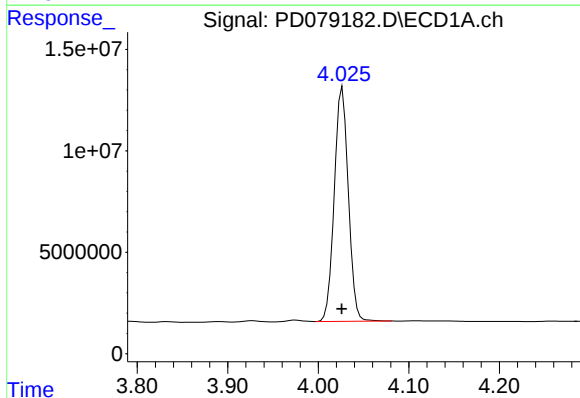
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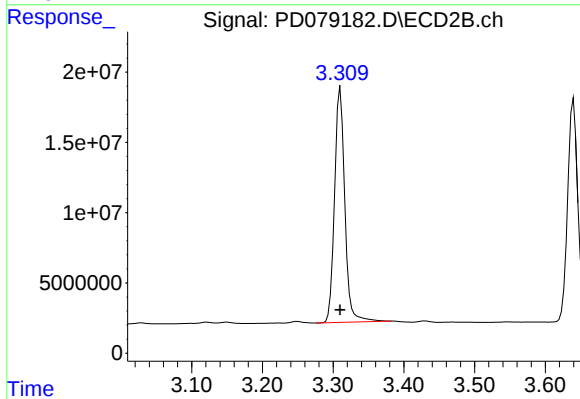
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 39369539
Conc: 17.00 ng/ml



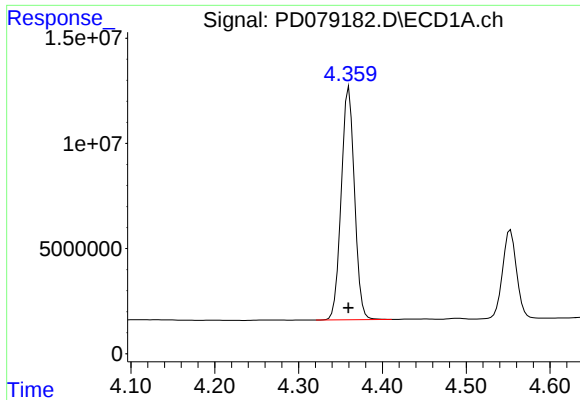
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 124461197
Conc: 46.75 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 168238757
Conc: 48.52 ng/ml



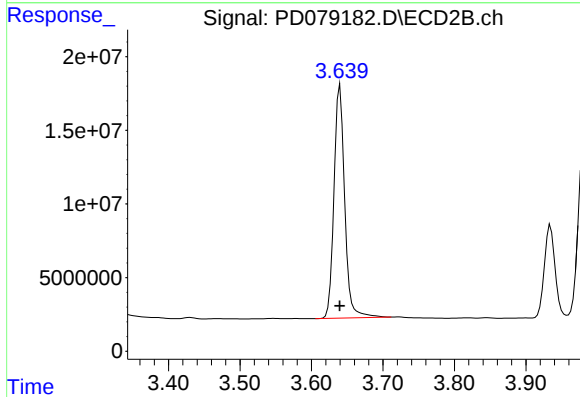
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 121563468
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

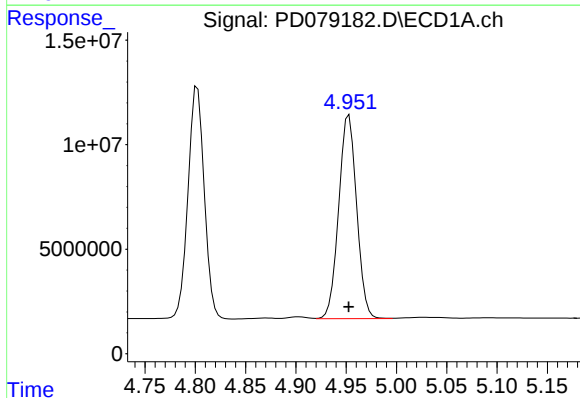
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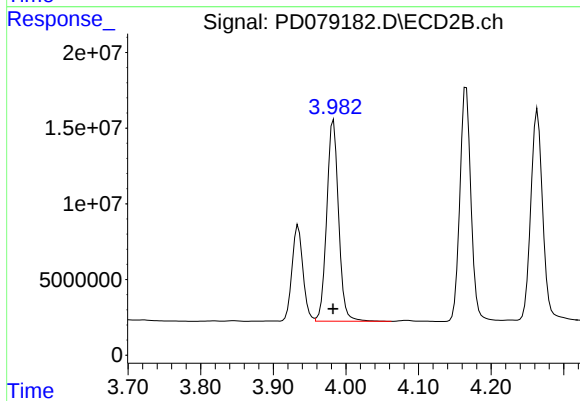
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 164813236
Conc: 48.53 ng/ml



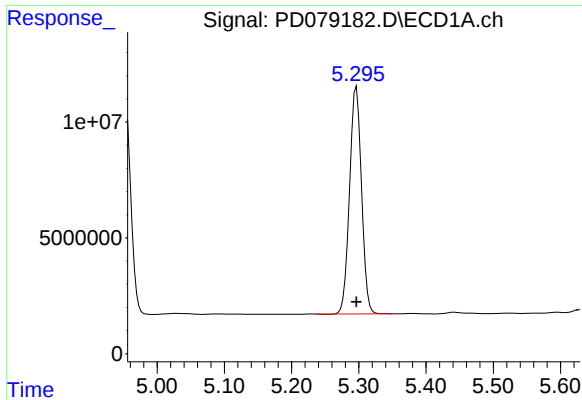
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 120744403
Conc: 45.14 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 150895110
Conc: 49.41 ng/ml



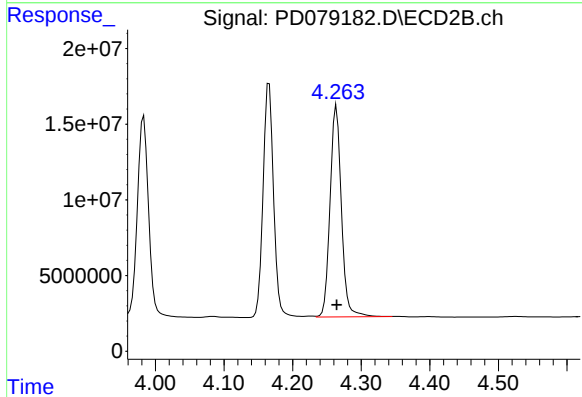
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 121081631
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

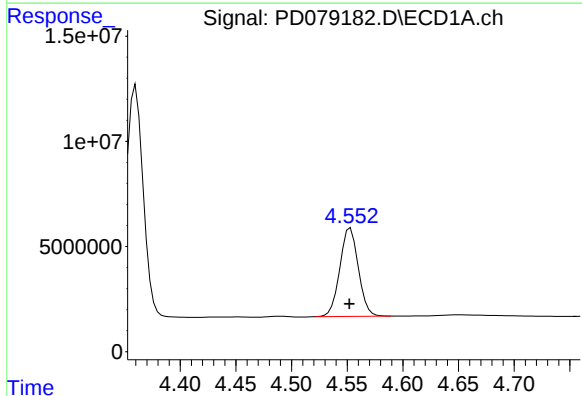
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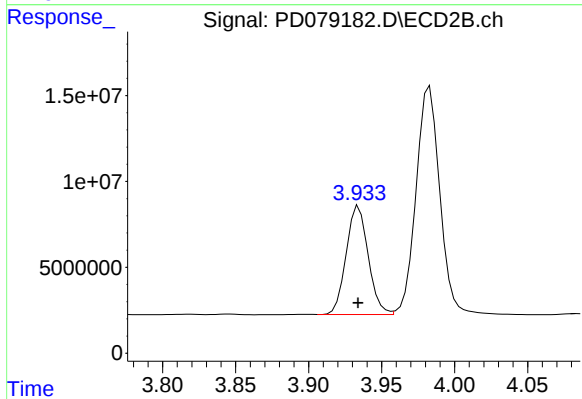
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 160776691
Conc: 49.15 ng/ml



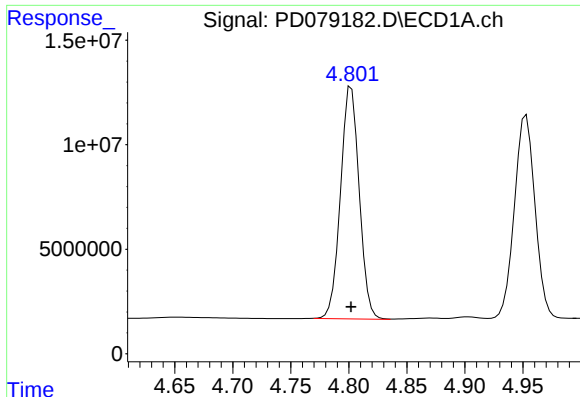
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 48712360
Conc: 45.46 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 66276705
Conc: 47.03 ng/ml



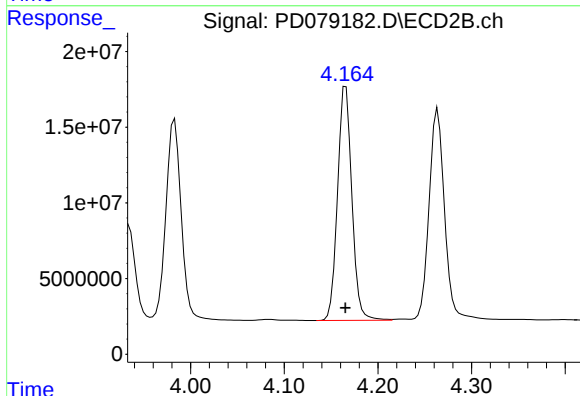
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 124775364
Conc: 46.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

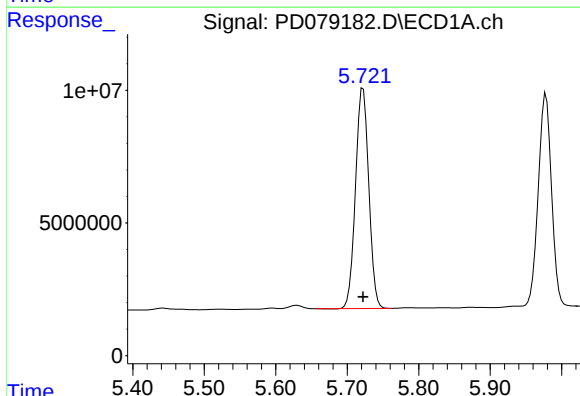
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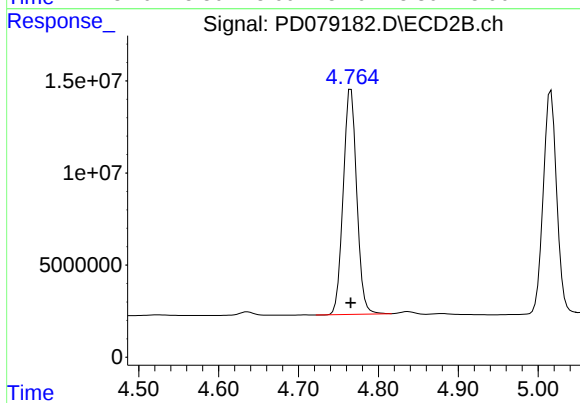
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 164550232
Conc: 49.15 ng/ml



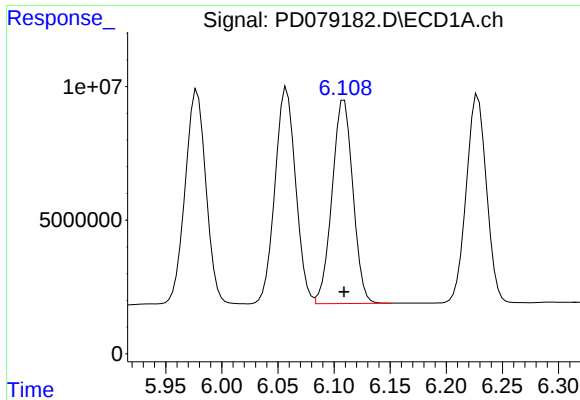
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 107014622
Conc: 45.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 144097329
Conc: 48.60 ng/ml



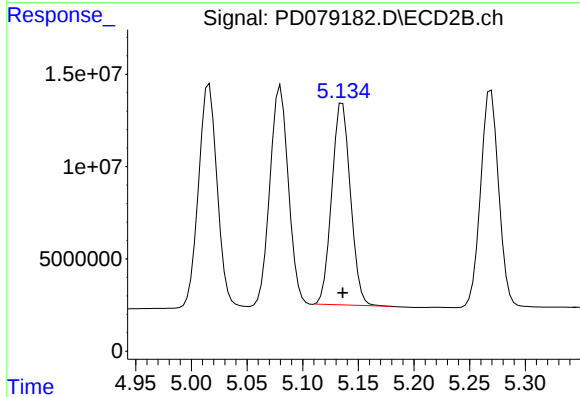
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 98579790
Conc: 45.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

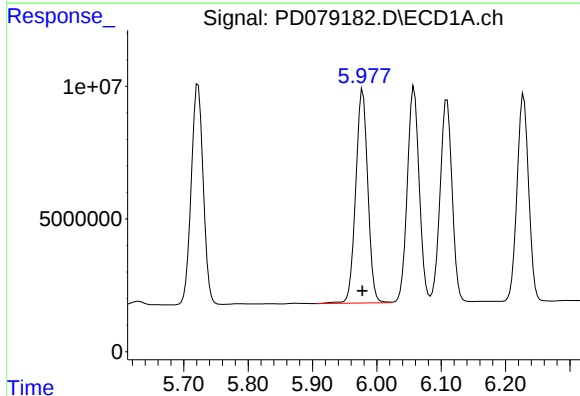
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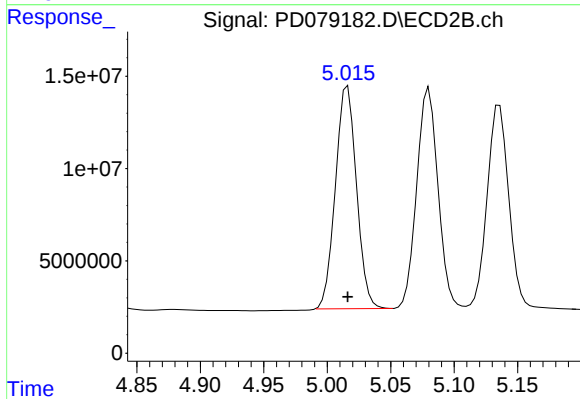
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 127650616
Conc: 48.21 ng/ml



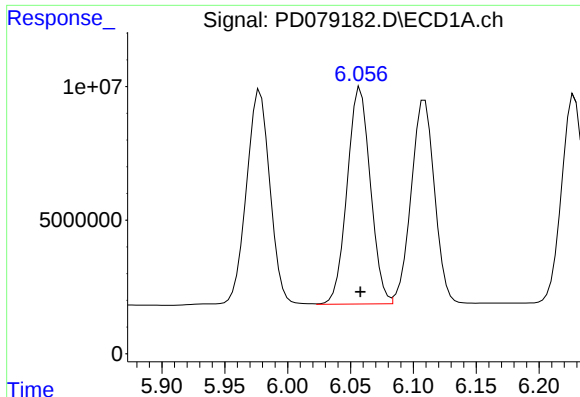
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 105188190
Conc: 45.88 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 139453275
Conc: 48.60 ng/ml



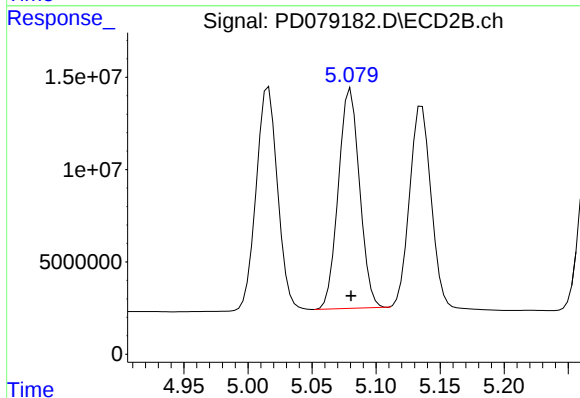
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 104280234
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

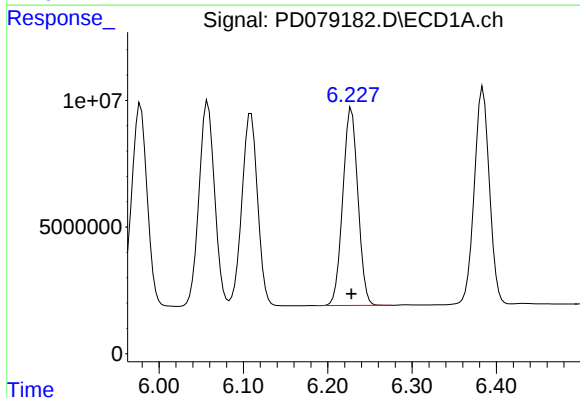
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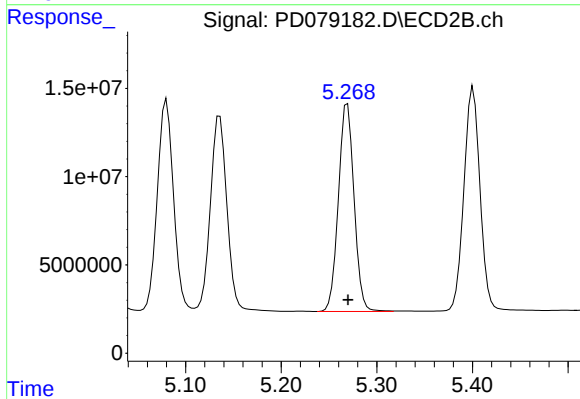
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 137210993
Conc: 47.81 ng/ml



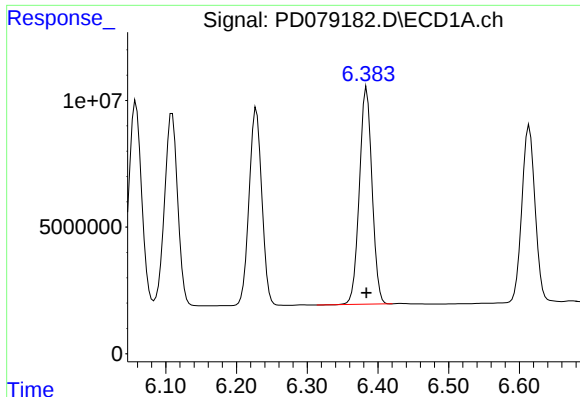
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 97453949
Conc: 46.12 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 134102281
Conc: 50.37 ng/ml



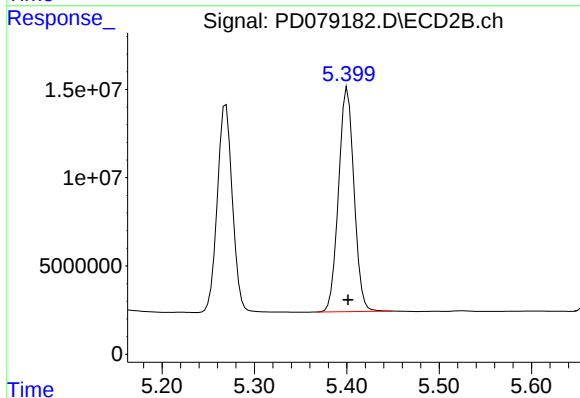
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 106439350
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

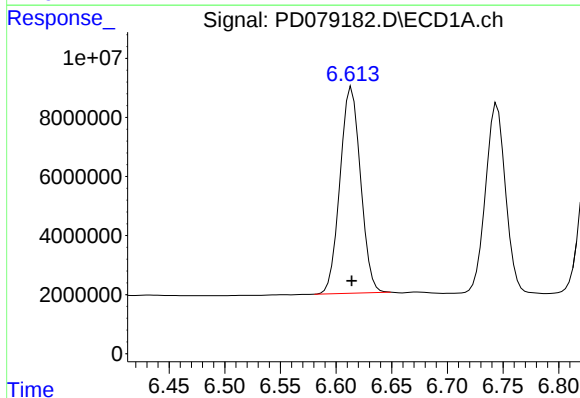
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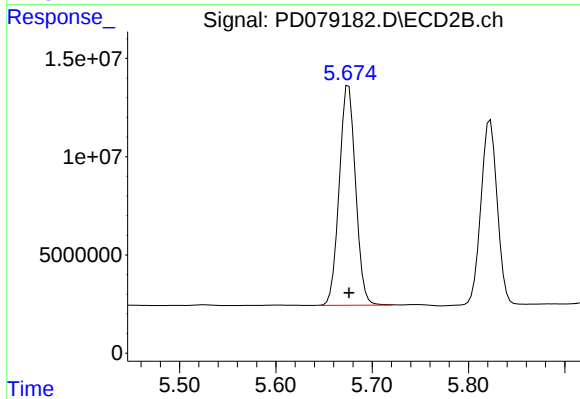
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 147653088
Conc: 49.72 ng/ml



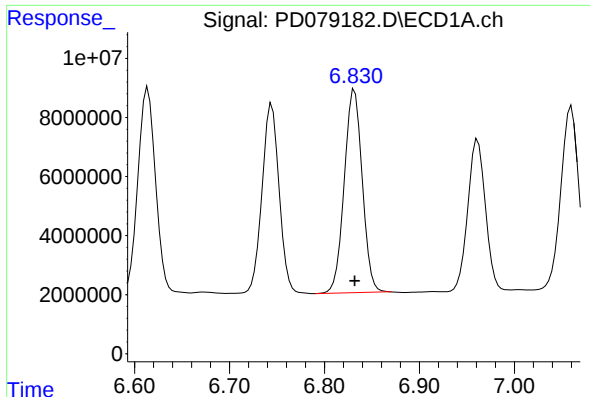
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 89698839
Conc: 46.06 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 131613994
Conc: 51.43 ng/ml



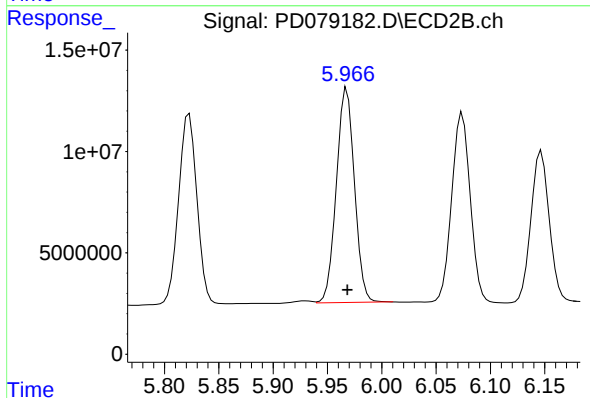
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 90566664
Conc: 44.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

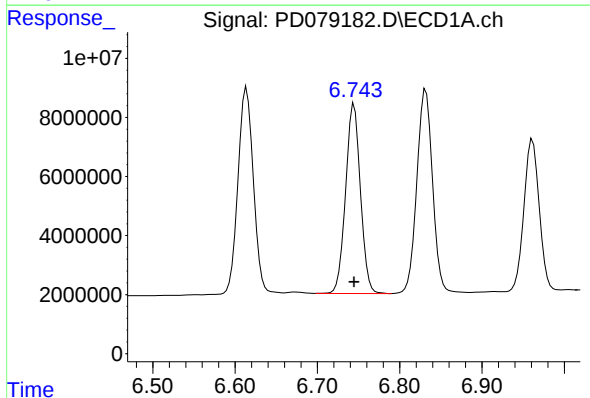
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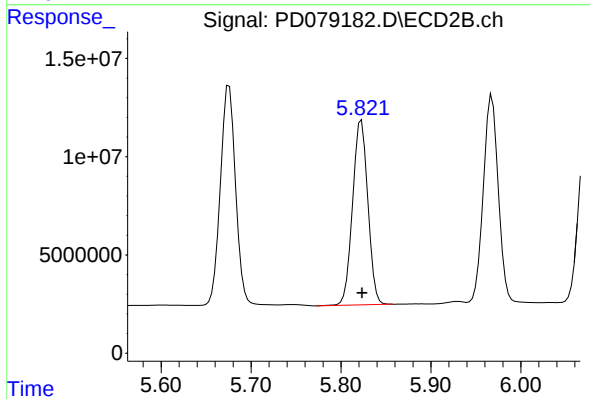
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 122782437
Conc: 49.18 ng/ml



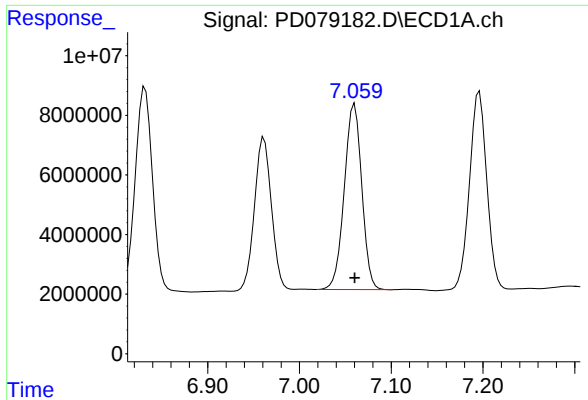
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 80475834
Conc: 45.78 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 110812158
Conc: 48.51 ng/ml



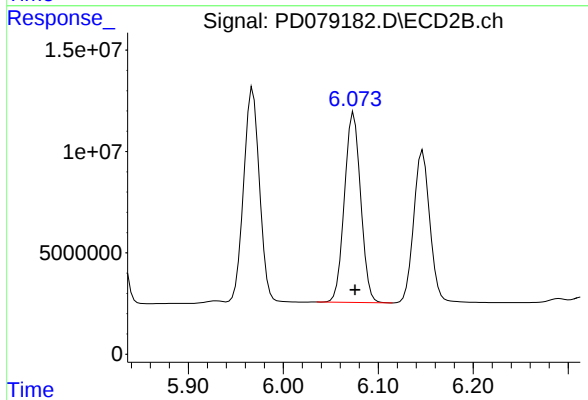
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 82521022
Conc: 43.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

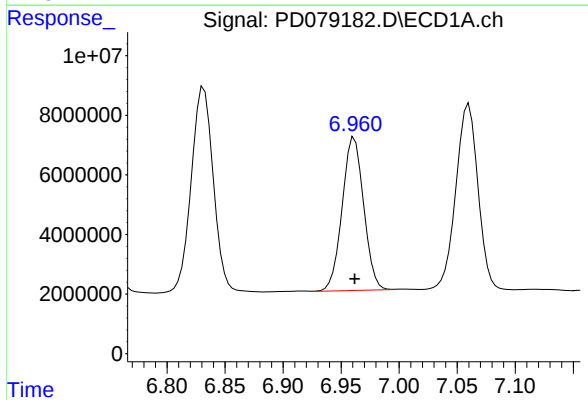
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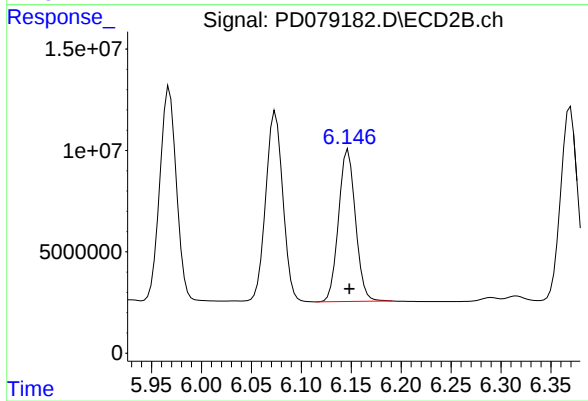
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 111275242
Conc: 48.60 ng/ml



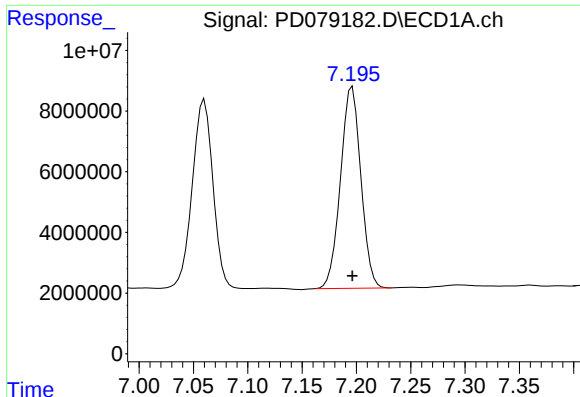
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 66317556
Conc: 42.94 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 88241033
Conc: 47.46 ng/ml



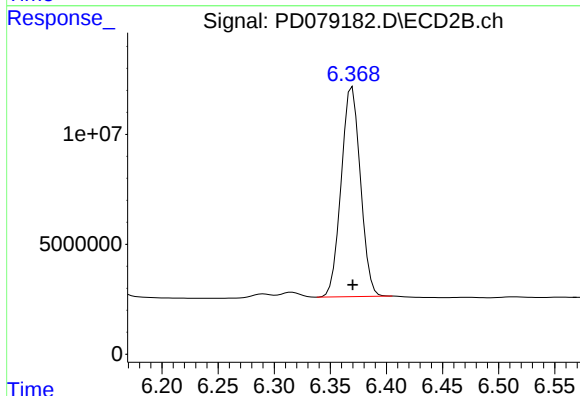
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 86764665
Conc: 43.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

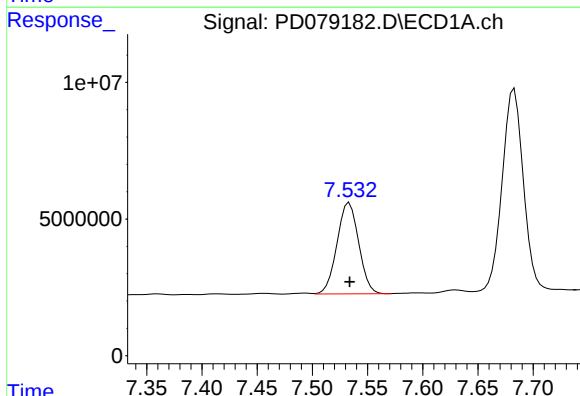
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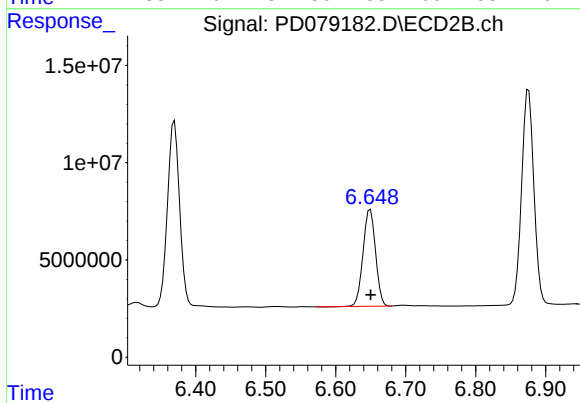
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 113870669
Conc: 48.77 ng/ml



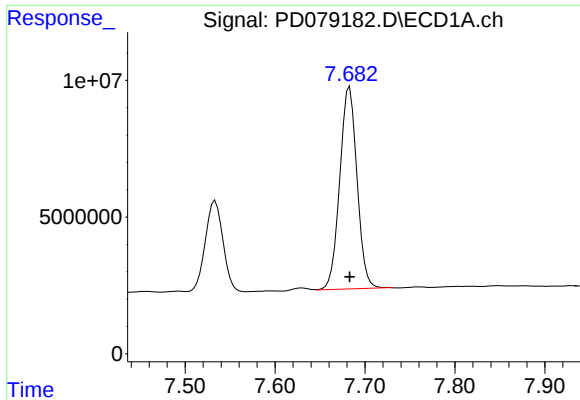
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 45568278
Conc: 41.59 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 61698339
Conc: 45.45 ng/ml



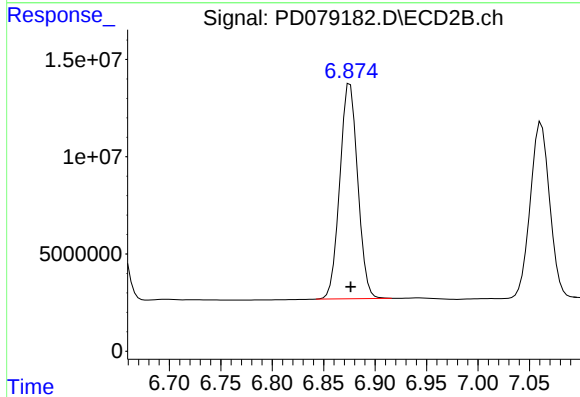
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 98729062
Conc: 45.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

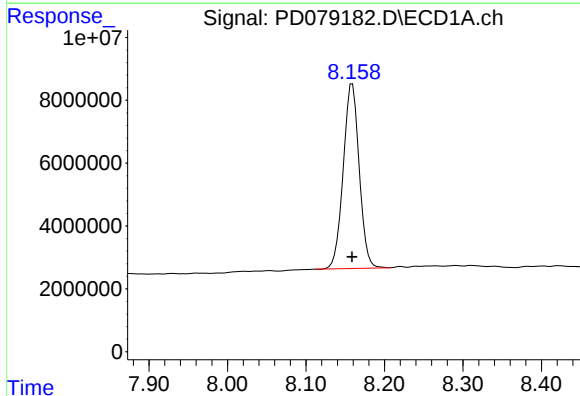
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



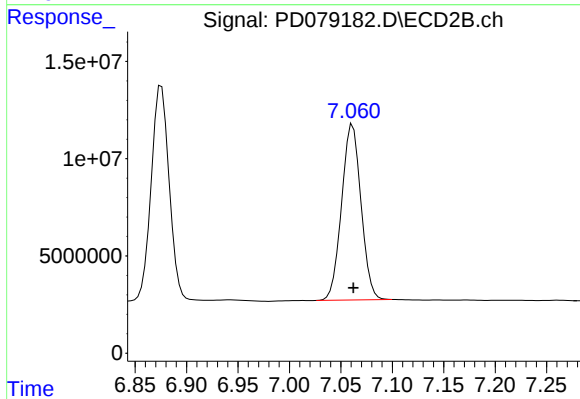
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 134288962
Conc: 48.03 ng/ml



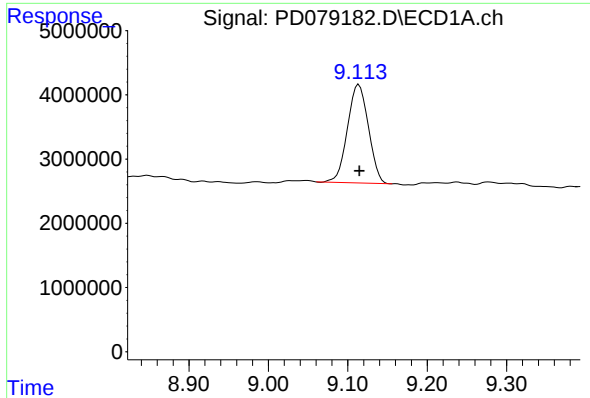
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 83192956
Conc: 49.15 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 118721607
Conc: 55.57 ng/ml



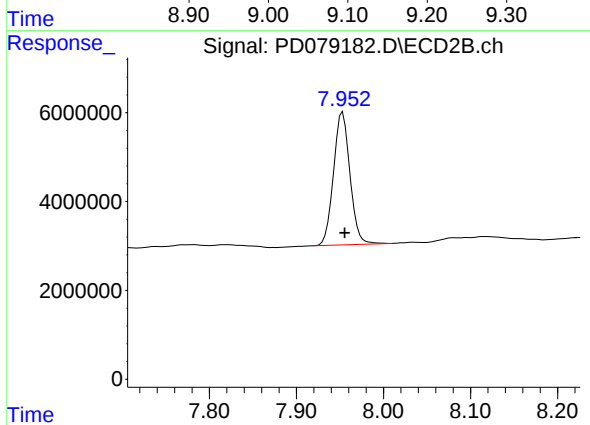
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 28106178
Conc: 14.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMS

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#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: -0.002 min
Response: 39383866
Conc: 16.16 ng/ml