

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079587.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 00:20
 Operator : AR\AJ
 Sample : 05102-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 67S-IDW-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 04:11:12 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...	3.568	2.804	25640683	47834574	15.881m	20.660 #
28)	SA Decachlor...	9.115	7.949	37285619	50364289	18.587	20.662
Target Compounds							
2)	A alpha-BHC	4.025	3.306	123.6E6	181.7E6	46.417	52.398
3)	MA gamma-BHC...	4.356	3.635	209.8E6	161.7E6	80.716	47.604m#
4)	MA Heptachlor	4.952	3.978	120.8E6	167.1E6	45.166	54.714
5)	MB Aldrin	5.296	4.259	119.6E6	170.3E6	46.407	52.054
6)	B beta-BHC	4.553	3.931	48934352	71257034	45.665	50.569
7)	B delta-BHC	4.801	4.162	124.5E6	185.5E6	46.524m	55.395
8)	B Heptachlo...	5.722	4.761	108.6E6	160.2E6	46.321	54.027
9)	A Endosulfan I	6.108	5.130	103.4E6	142.1E6	47.696	53.677m
10)	B gamma-Chl...	5.977	5.010	109.3E6	155.3E6	47.672	54.129m
11)	B alpha-Chl...	6.058	5.074	108.3E6	151.8E6	47.481	52.912m
12)	B 4,4'-DDE	6.228	5.265	101.5E6	148.9E6	48.014	55.935
13)	MA Dieldrin	6.383	5.396	111.2E6	161.7E6	47.733m	54.456
14)	MA Endrin	6.614	5.671	95801312	147.8E6	49.189	57.768
15)	B Endosulfa...	6.832	5.963	96668458	139.2E6	47.395	55.756
16)	A 4,4'-DDD	6.745	5.818	83219191	122.7E6	47.339	53.698
17)	MA 4,4'-DDT	7.060	6.069	90611001	126.4E6	47.849	55.223
18)	B Endrin al...	6.960	6.142	63906958	88511185	41.382m	47.604
19)	B Endosulfa...	7.197	6.365	92414100	133.9E6	46.483	57.337
20)	A Methoxychlor	7.535	6.644	49923852	70769037	45.560	52.127
21)	B Endrin ke...	7.683	6.871	104.7E6	153.1E6	48.035	54.771
22)	Mirex	8.159	7.056	90367471	133.4E6	53.388	62.442

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 00:20
Operator : AR\AJ
Sample : 05102-01MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

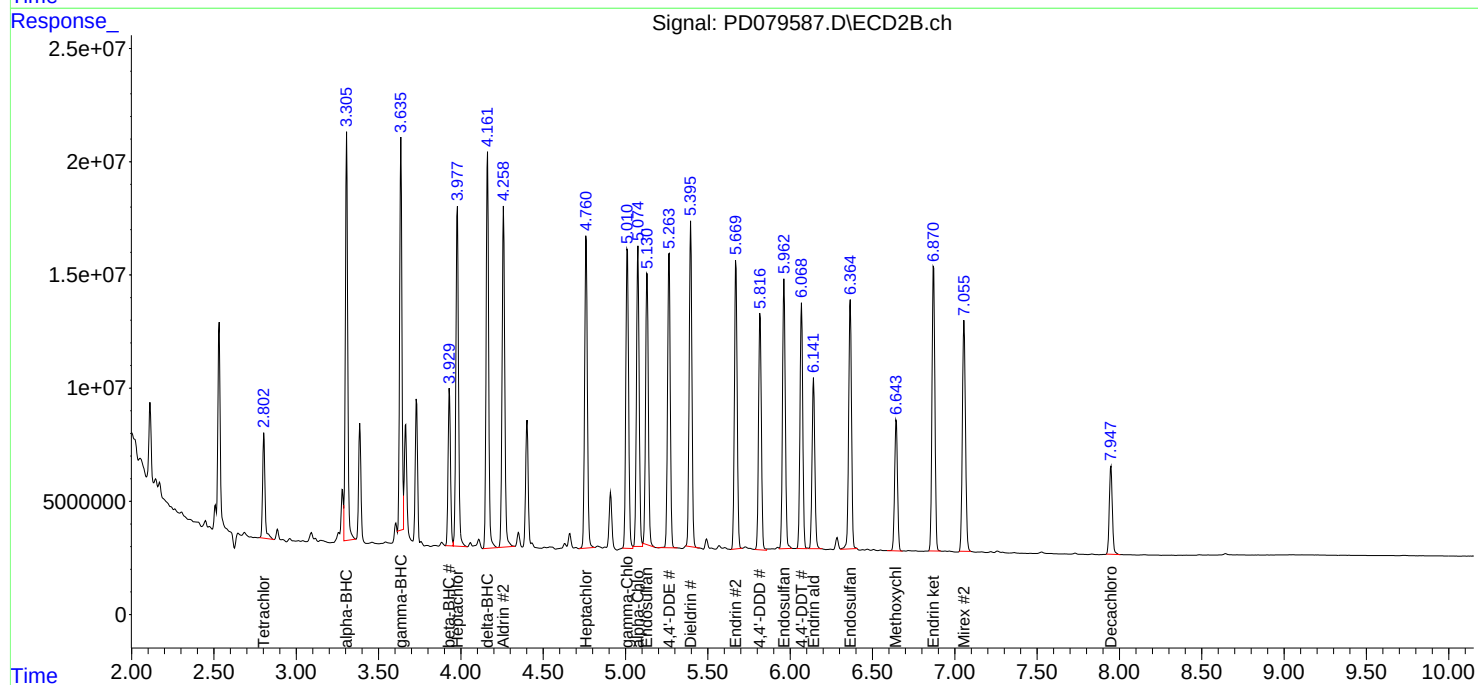
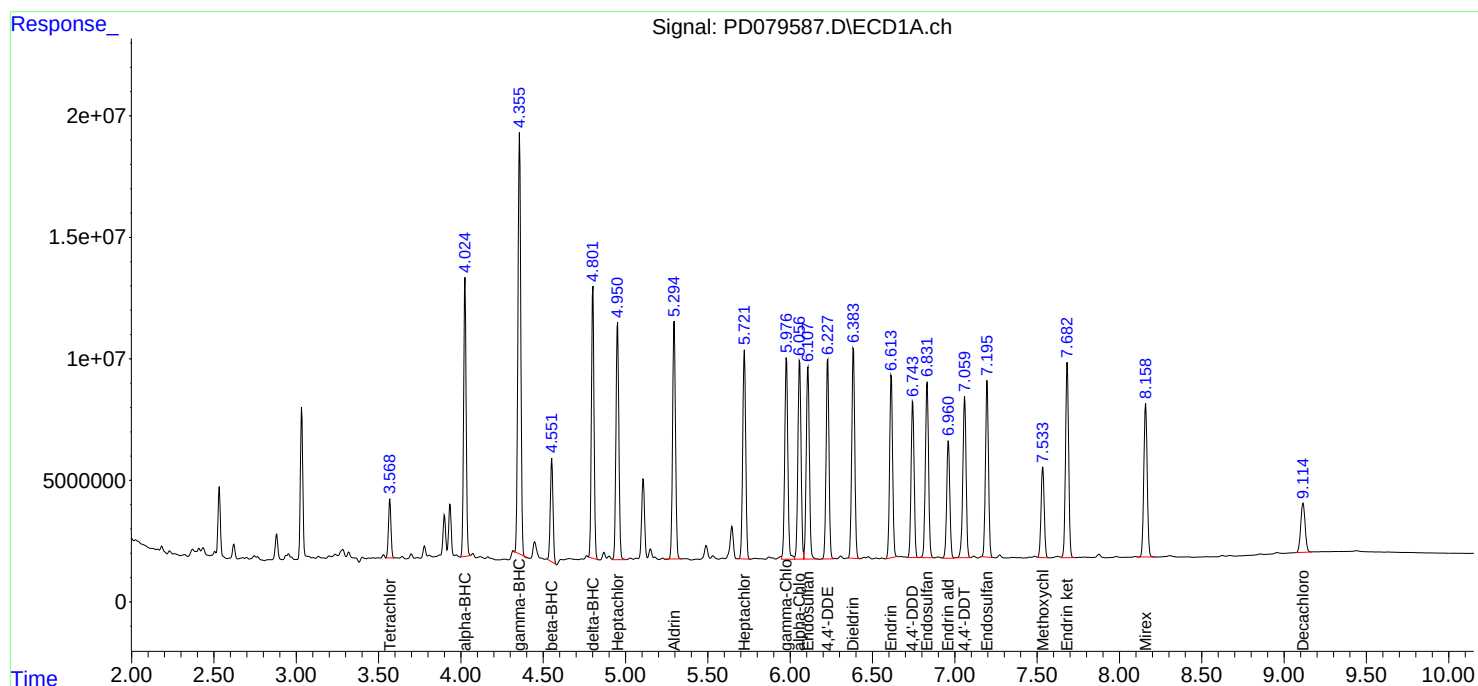
Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

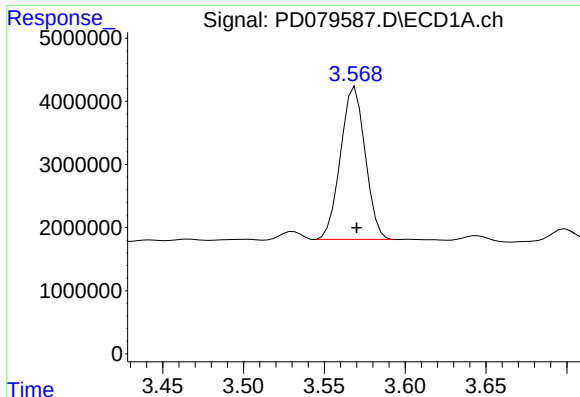
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 04:11:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response 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





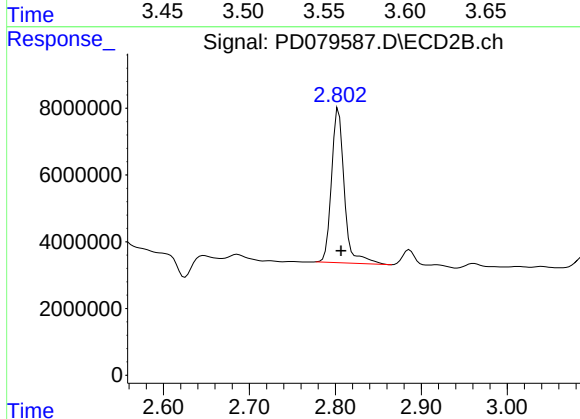
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 25640683
Conc: 15.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

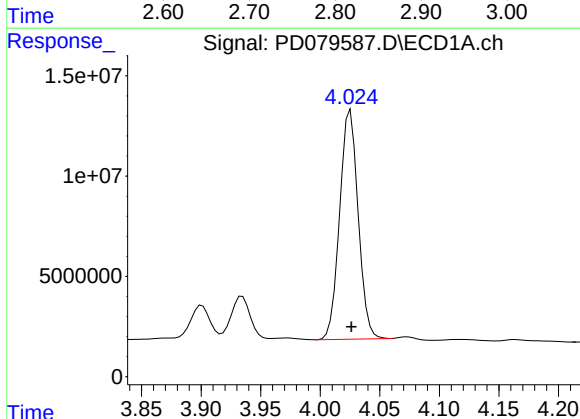
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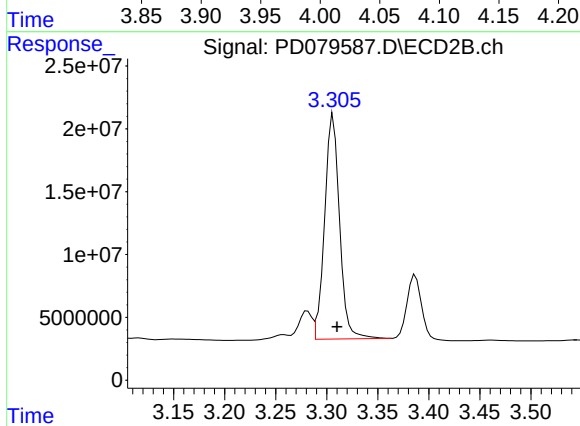
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 47834574
Conc: 20.66 ng/ml



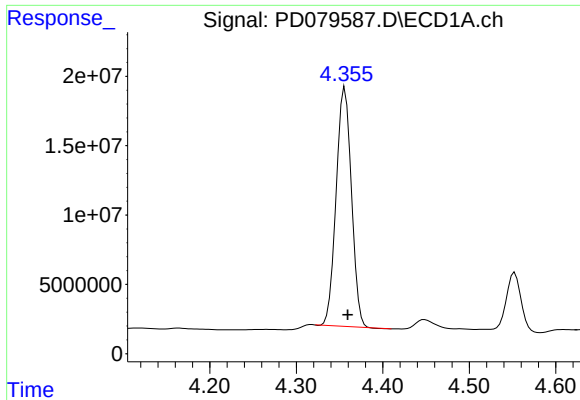
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 123566333
Conc: 46.42 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 181687957
Conc: 52.40 ng/ml



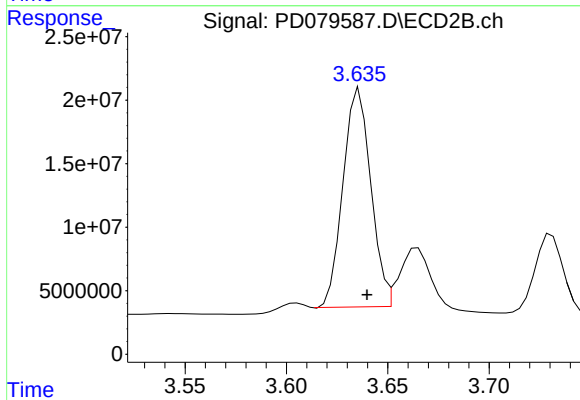
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.003 min
Response: 209766908
Conc: 80.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

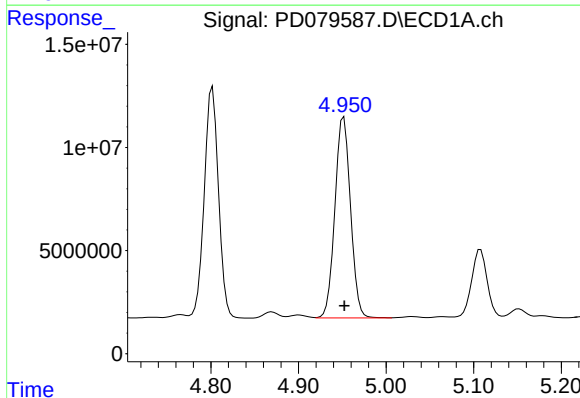
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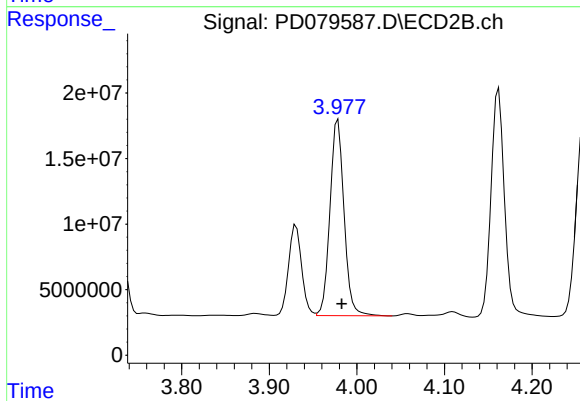
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.005 min
Response: 161651822
Conc: 47.60 ng/ml m



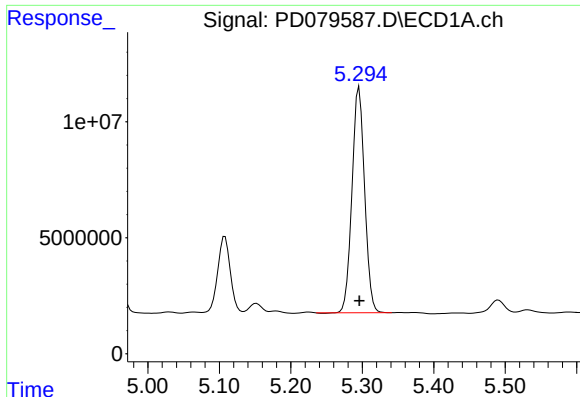
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 120815043
Conc: 45.17 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 167104689
Conc: 54.71 ng/ml



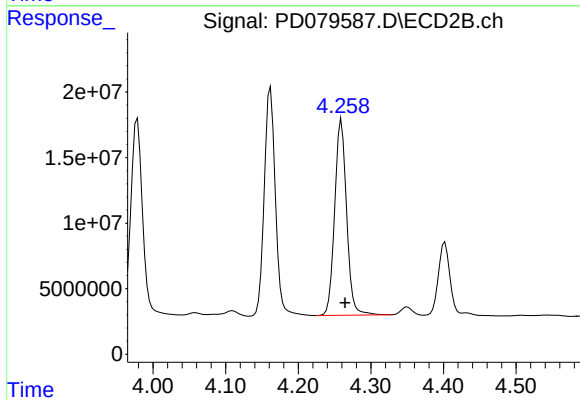
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 119580400
Conc: 46.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

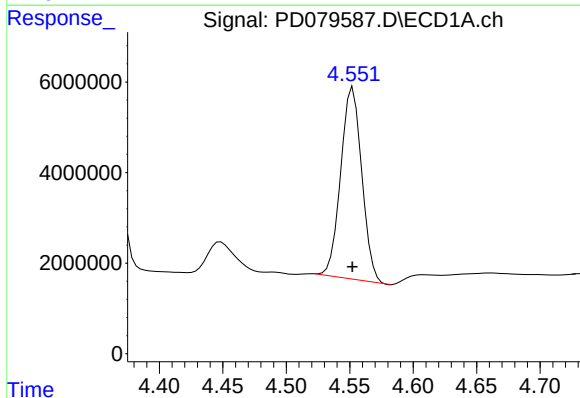
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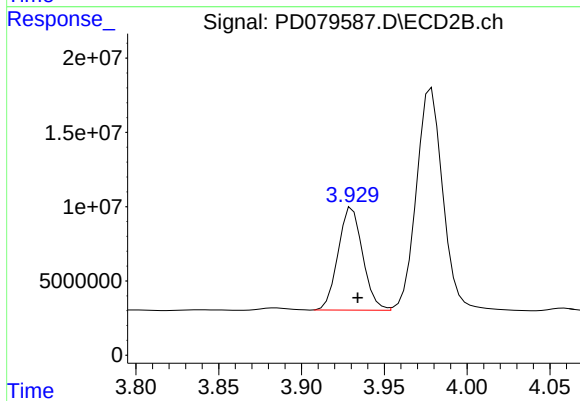
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 170284437
Conc: 52.05 ng/ml



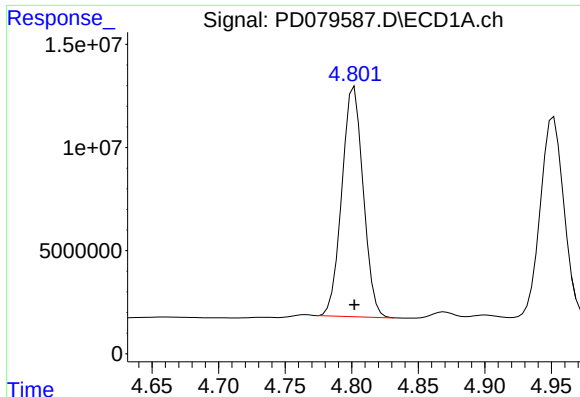
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 48934352
Conc: 45.67 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 71257034
Conc: 50.57 ng/ml



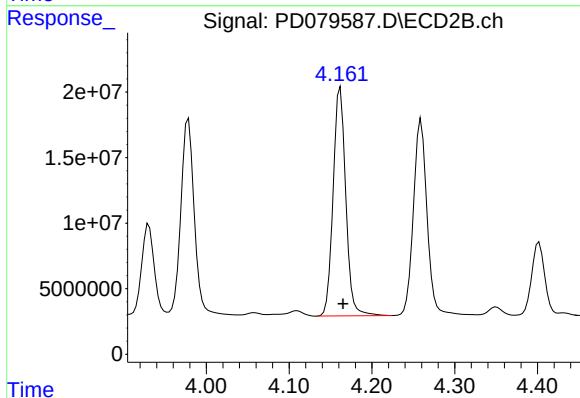
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 124547865
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

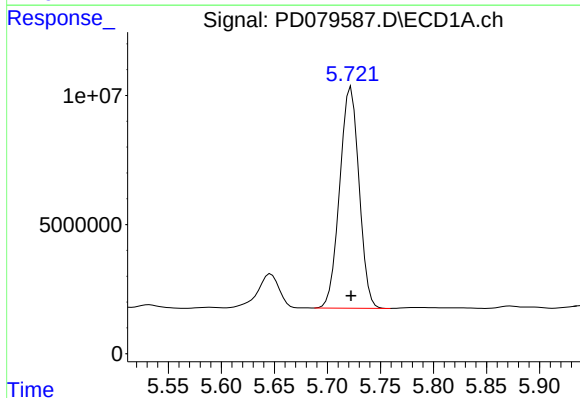
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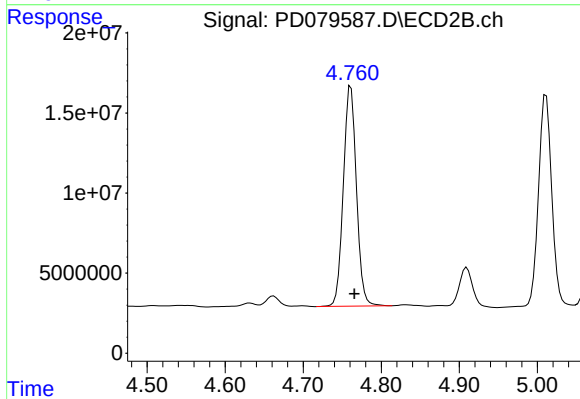
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 185475465
Conc: 55.39 ng/ml



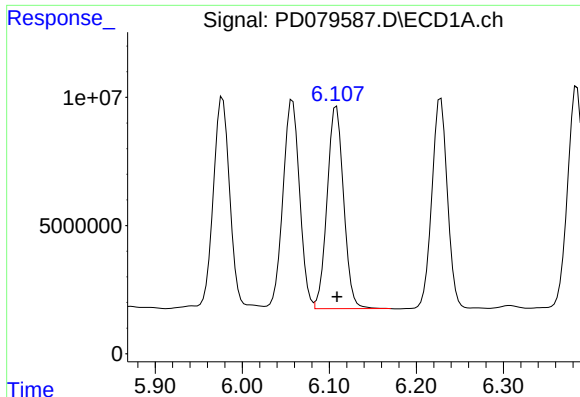
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 108561268
Conc: 46.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 160172742
Conc: 54.03 ng/ml



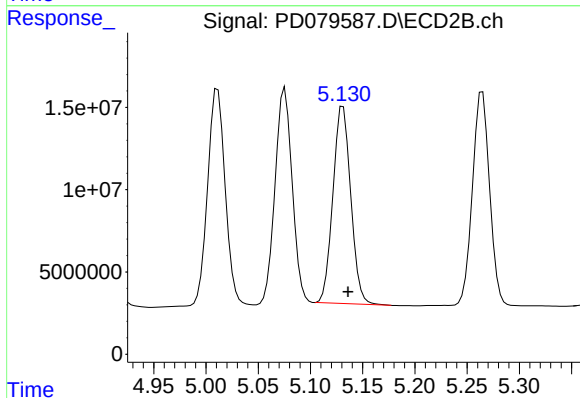
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 103402564
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

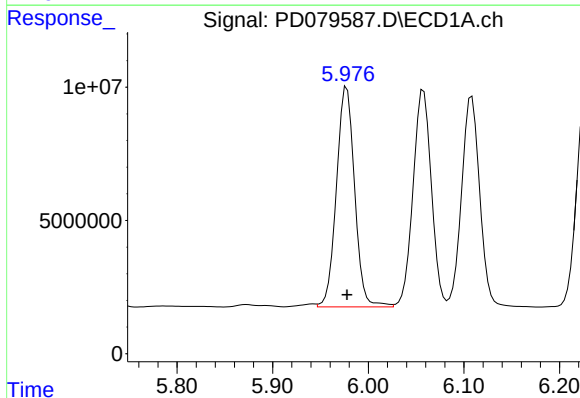
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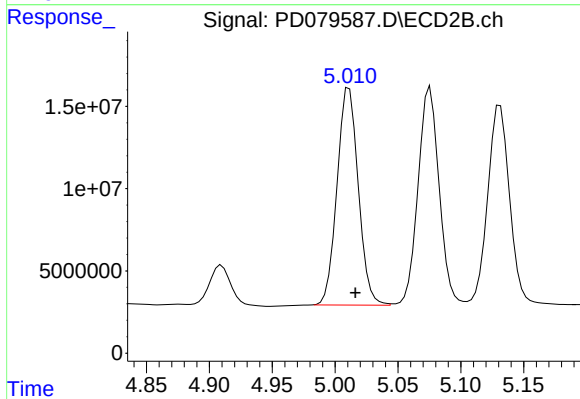
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 142120135
Conc: 53.68 ng/ml m



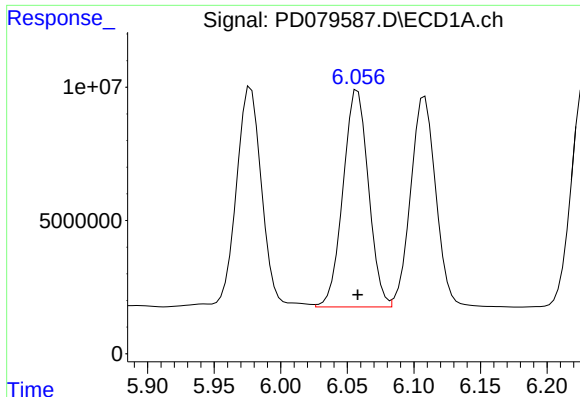
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 109299620
Conc: 47.67 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 155320029
Conc: 54.13 ng/ml m



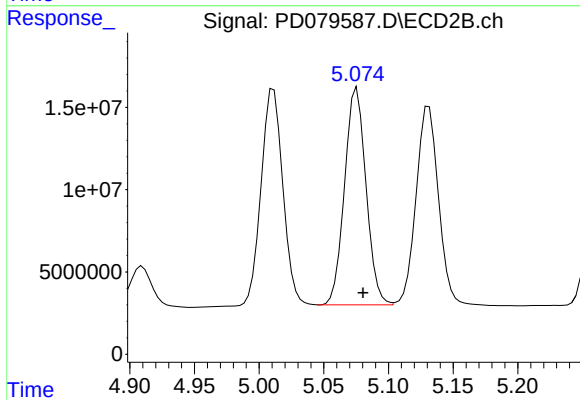
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 108265446
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

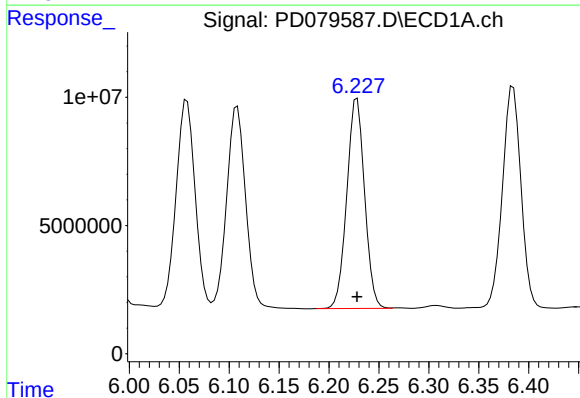
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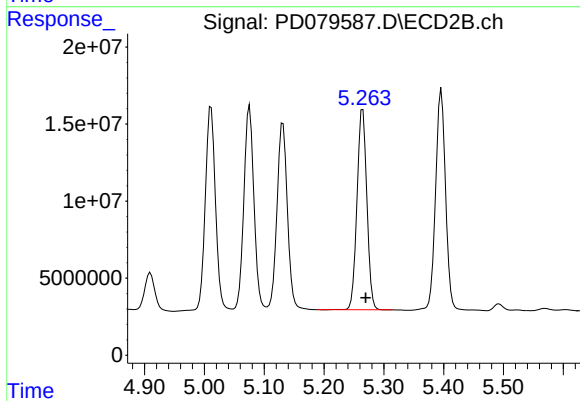
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 151848422
Conc: 52.91 ng/ml m



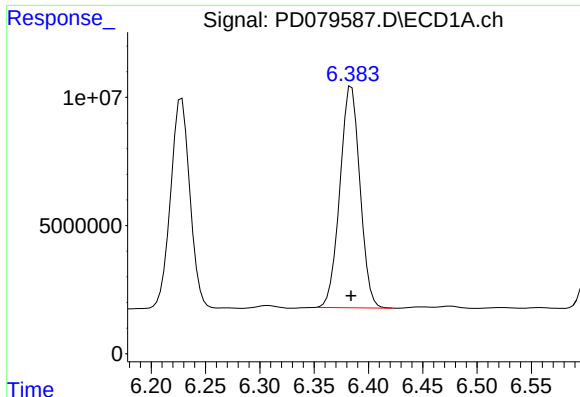
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 101457485
Conc: 48.01 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 148920427
Conc: 55.93 ng/ml



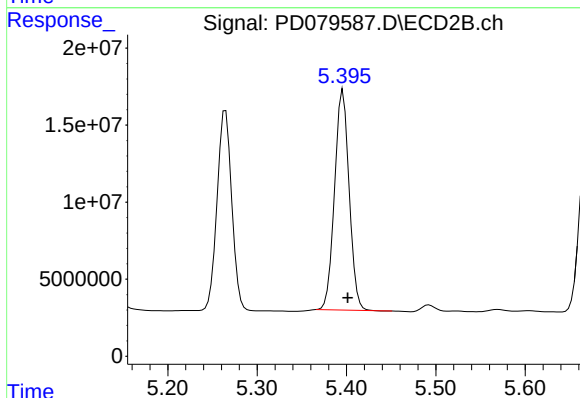
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 111162301
Conc: 47.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

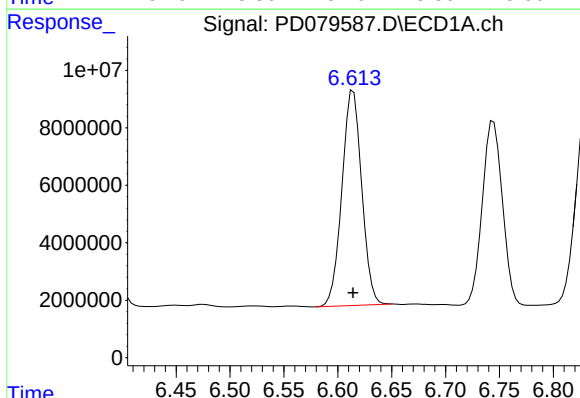
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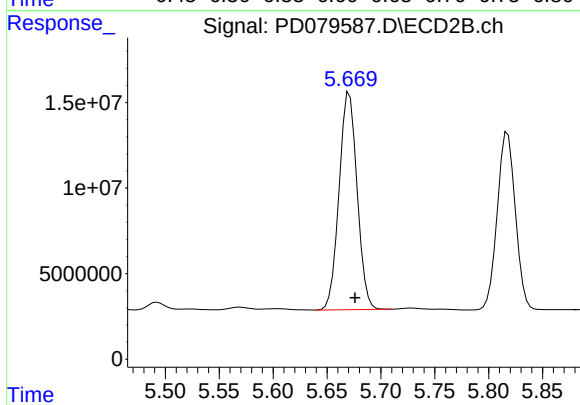
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 161728574
Conc: 54.46 ng/ml



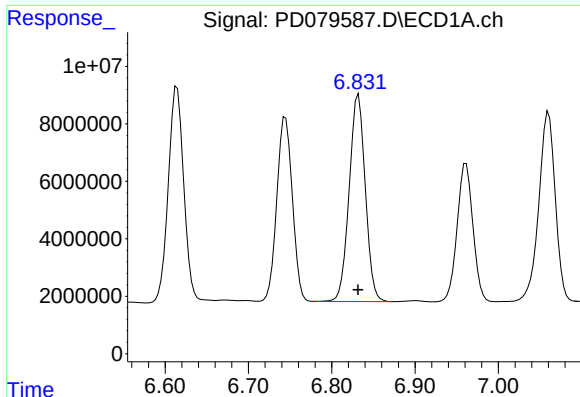
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 95801312
Conc: 49.19 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 147834037
Conc: 57.77 ng/ml



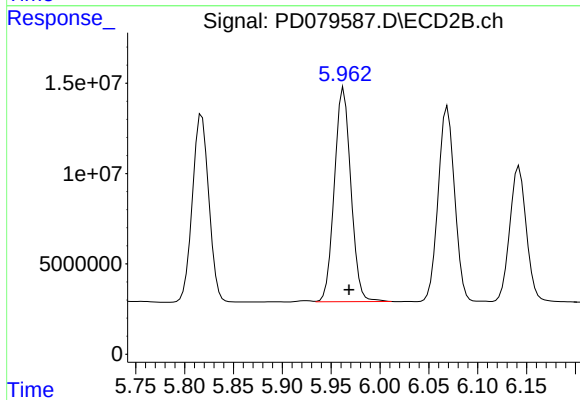
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 96668458
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

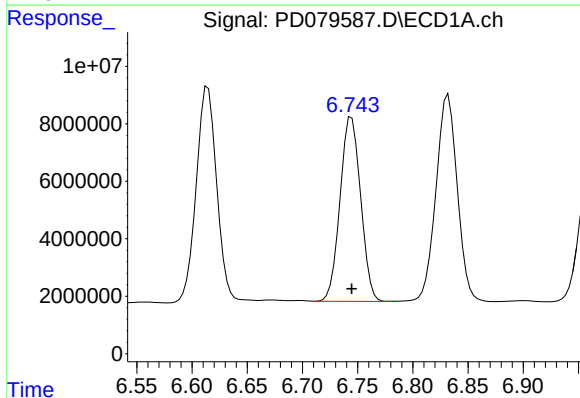
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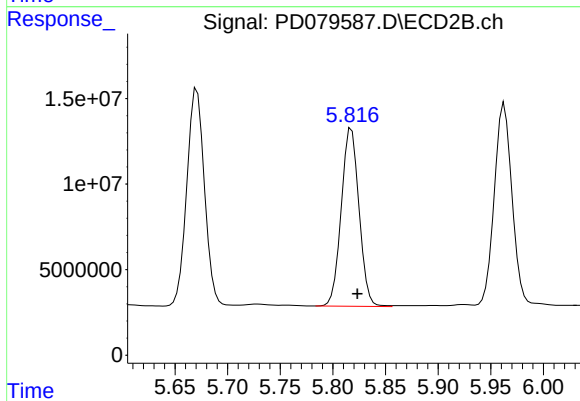
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.006 min
Response: 139196245
Conc: 55.76 ng/ml



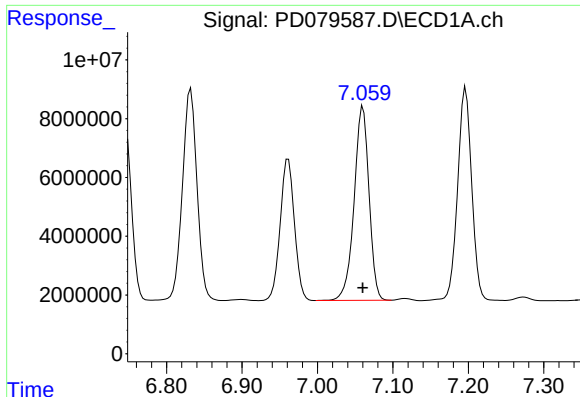
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 83219191
Conc: 47.34 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 122659980
Conc: 53.70 ng/ml



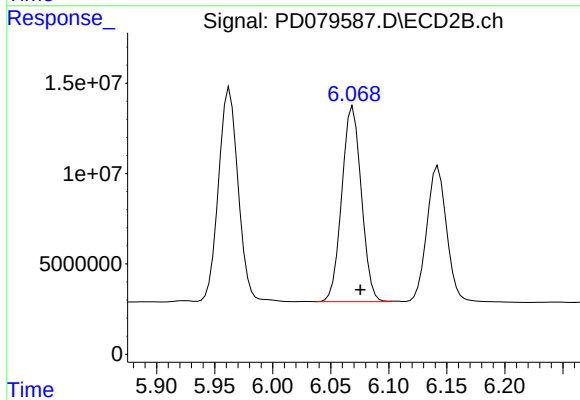
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 90611001
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

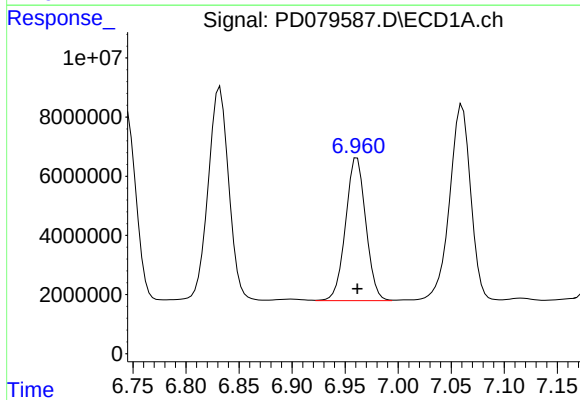
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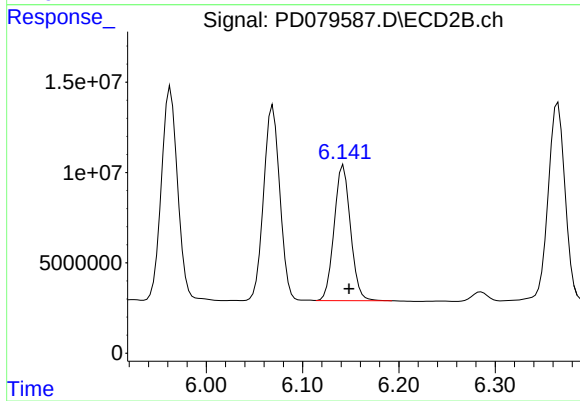
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 126427335
Conc: 55.22 ng/ml



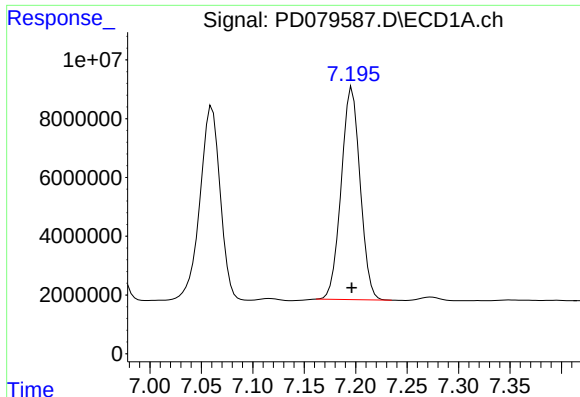
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 63906958
Conc: 41.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 88511185
Conc: 47.60 ng/ml



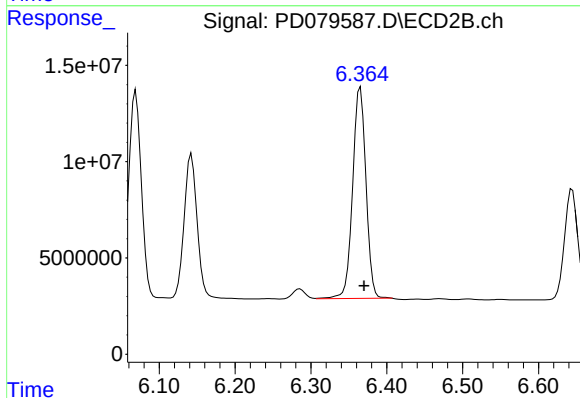
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 92414100
Conc: 46.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

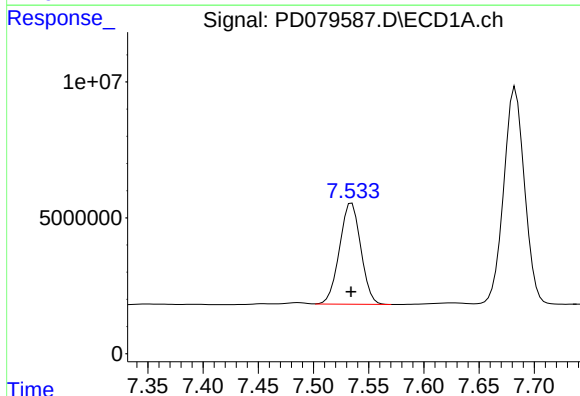
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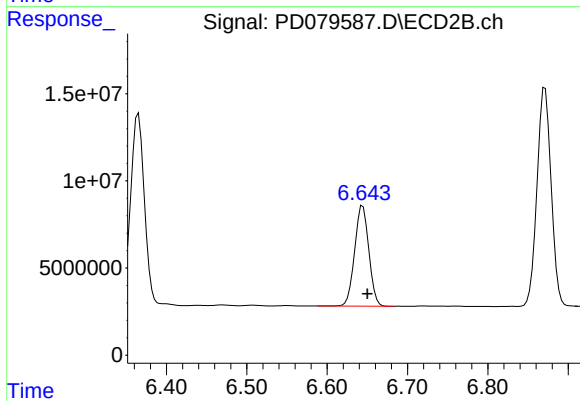
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 133871000
Conc: 57.34 ng/ml



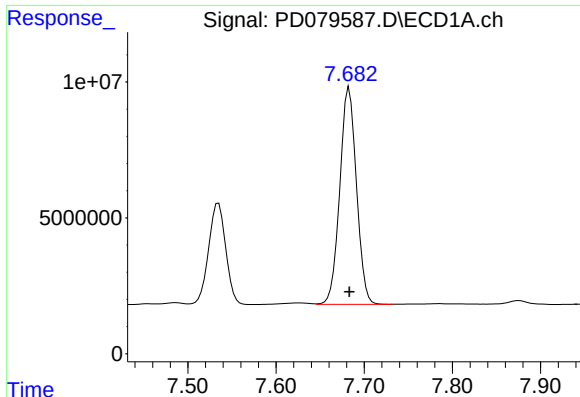
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 49923852
Conc: 45.56 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 70769037
Conc: 52.13 ng/ml



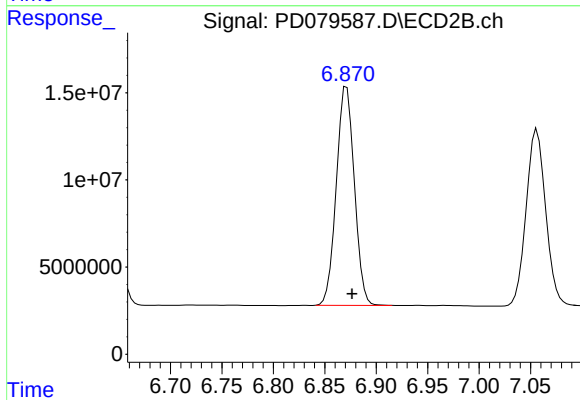
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 104724922
Conc: 48.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
67S-IDW-01MS

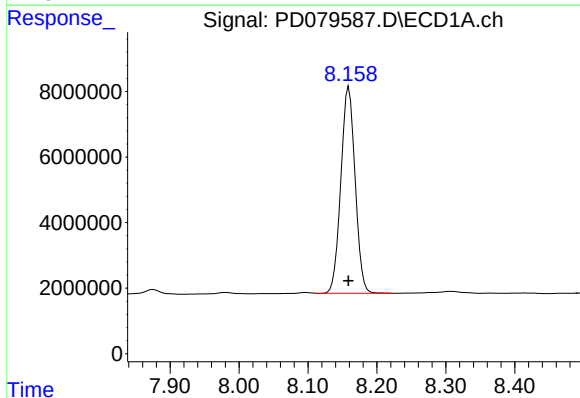
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



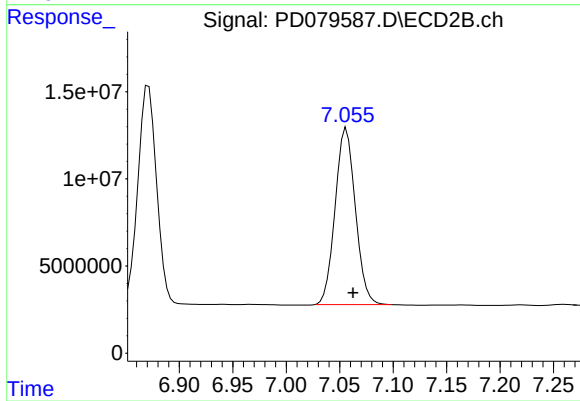
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 153124319
Conc: 54.77 ng/ml



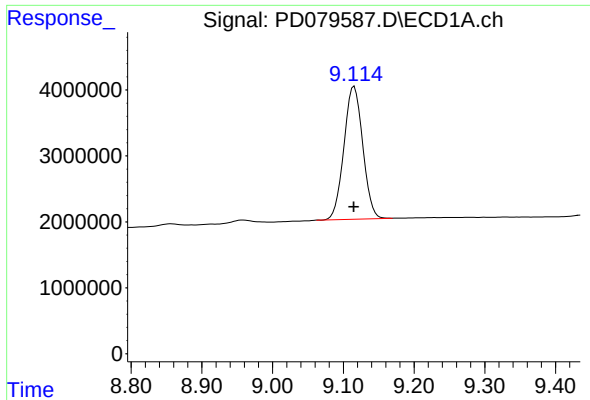
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 90367471
Conc: 53.39 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 133395883
Conc: 62.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 37285619
Conc: 18.59 ng/ml

Instrument :

ECD_D

ClientSampleId :

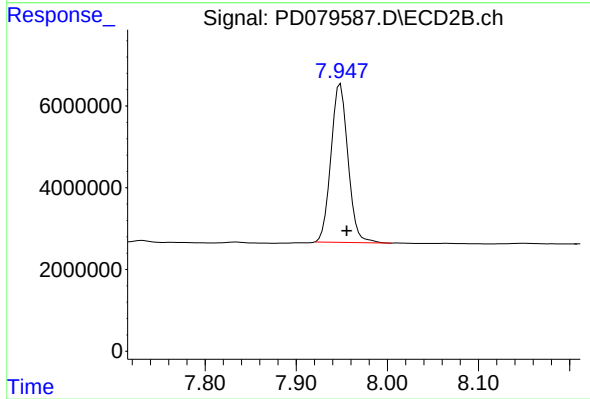
67S-IDW-01MS

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.007 min
Response: 50364289
Conc: 20.66 ng/ml