

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
 Data File : PD081464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2024 11:17
 Operator : AR\AJ
 Sample : P1483-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RT-2327MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2024
 Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 11:29:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.565	2.794	23296935	48048957	16.411	20.086
28)	SA Decachlor...	9.115	7.933	29154831	43798827	14.487	16.443
Target Compounds							
2)	A alpha-BHC	4.023	3.296	98007612	167.6E6	39.458	43.684
3)	MA gamma-BHC...	4.355	3.625	99641147	182.4E6	40.709m	48.782
4)	MA Heptachlor	4.949	3.965	108.0E6	168.5E6	43.790	48.873
5)	MB Aldrin	5.292	4.245	106.6E6	164.9E6	43.440	45.269m
6)	B beta-BHC	4.551	3.920	39924542	74268249	39.457	47.529
7)	B delta-BHC	4.800	4.150	99017716	172.3E6	39.468	45.916m
8)	B Heptachlo...	5.717	4.747	100.1E6	156.0E6	44.708m	46.575
9)	A Endosulfan I	6.105	5.118	97596430	114.3E6	47.056m	37.322
10)	B gamma-Chl...	5.974	4.997	106.4E6	166.1E6	48.596m	50.767
11)	B alpha-Chl...	6.055	5.062	109.8E6	157.2E6	50.414	48.089
12)	B 4,4'-DDE	6.226	5.249	84518424	153.4E6	41.535	50.091m
13)	MA Dieldrin	6.381	5.383	101.7E6	174.5E6	46.003	51.309
14)	MA Endrin	6.612	5.658	90189664	188.6E6	48.288	63.641 #
15)	B Endosulfa...	6.830	5.950	85557749	145.3E6	44.183	50.533
16)	A 4,4'-DDD	6.745	5.804	74238030	121.9E6	45.181	46.452
17)	MA 4,4'-DDT	7.058	6.056	79162612	134.6E6	44.451	50.724
18)	B Endrin al...	6.960	6.130	62993336	103.2E6	41.412	45.783
19)	B Endosulfa...	7.195	6.352	78647346	133.8E6	41.421	47.951
20)	A Methoxychlor	7.534	6.630	44398183	70964789	43.135	45.337
21)	B Endrin ke...	7.682	6.858	95907594	145.2E6	45.862	44.981
22)	Mirex	8.158	7.042	70580647	109.4E6	42.792	43.402

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
Data File : PD081464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2024 11:17
Operator : AR\AJ
Sample : P1483-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

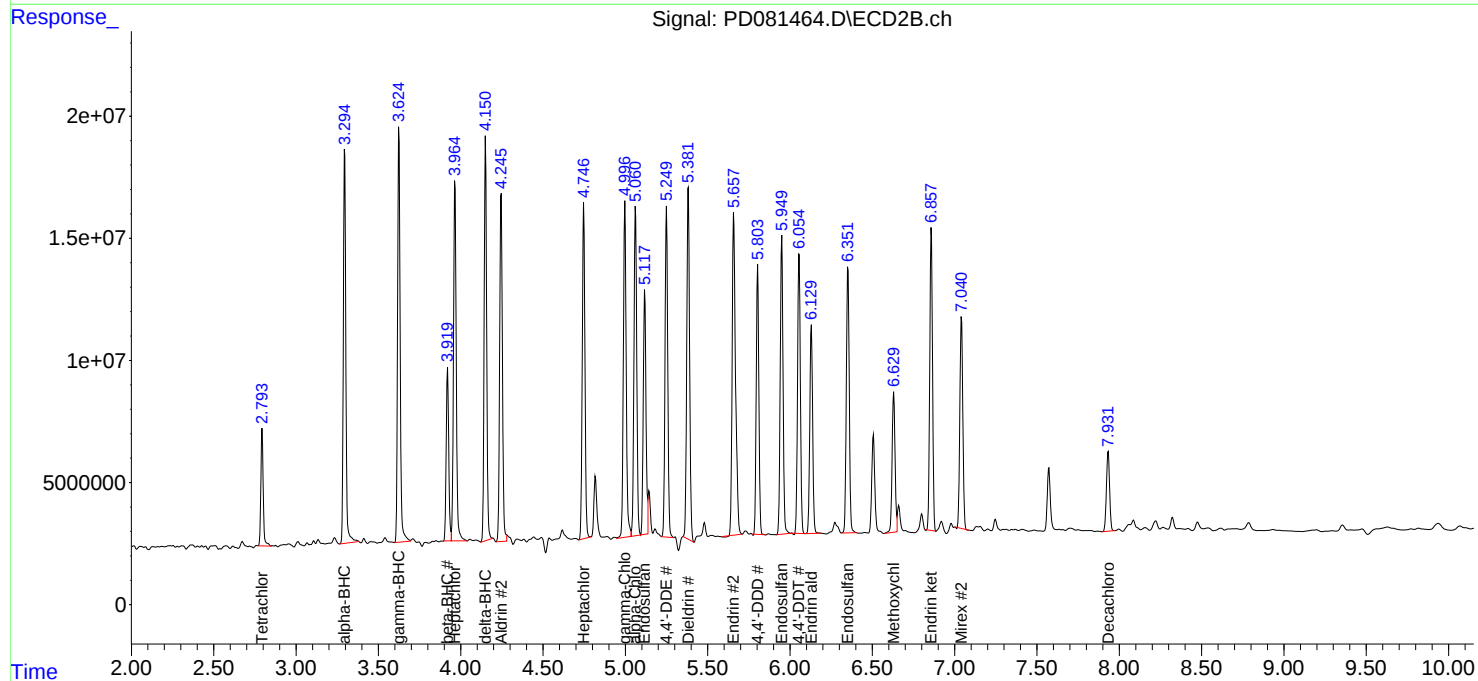
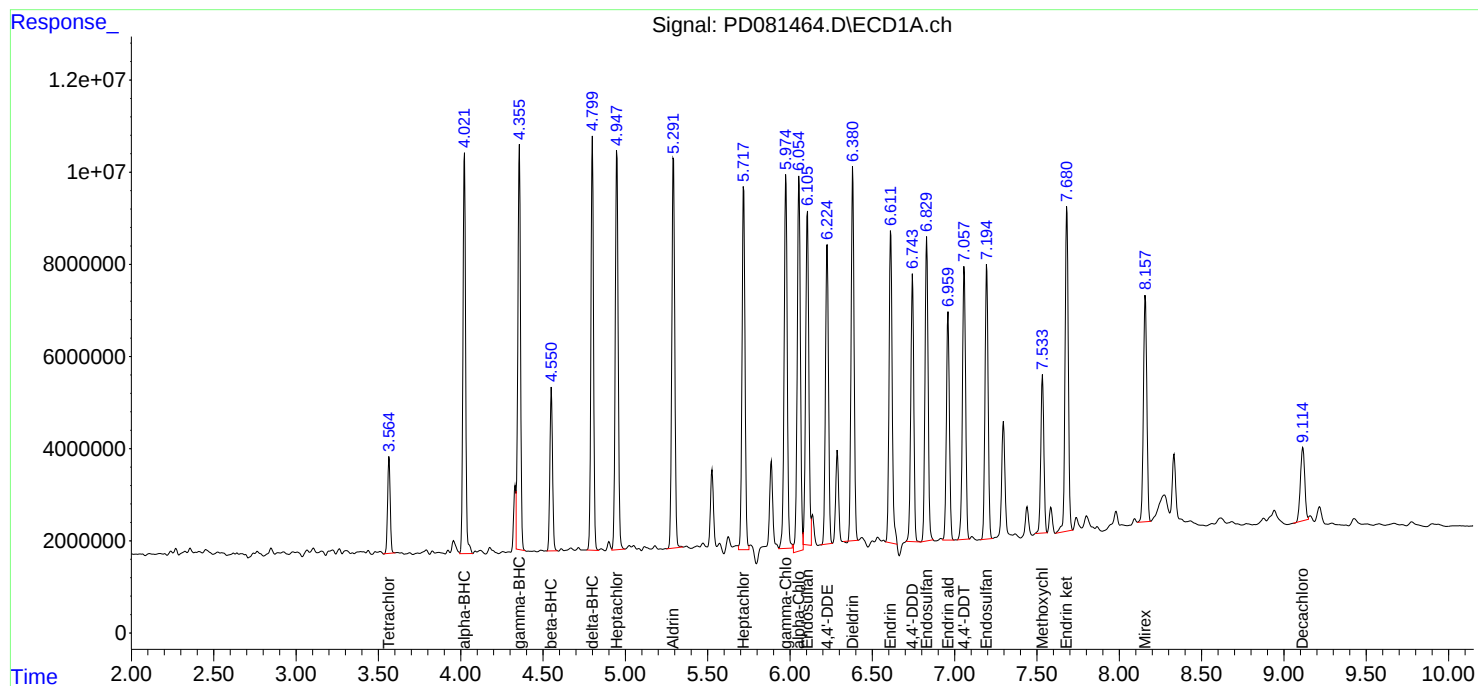
Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

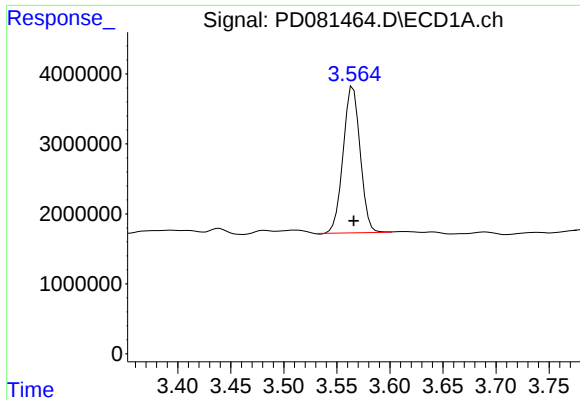
Manual Integrations
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Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 11:29:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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





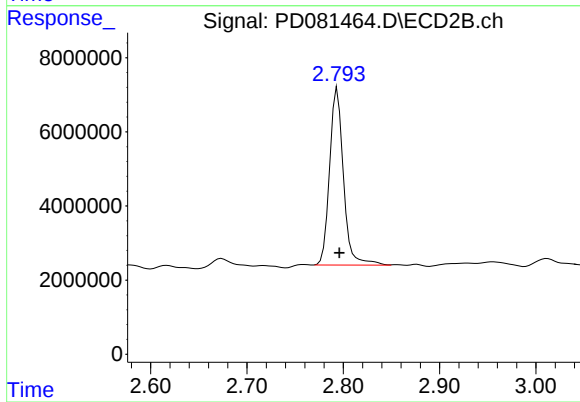
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 23296935
Conc: 16.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

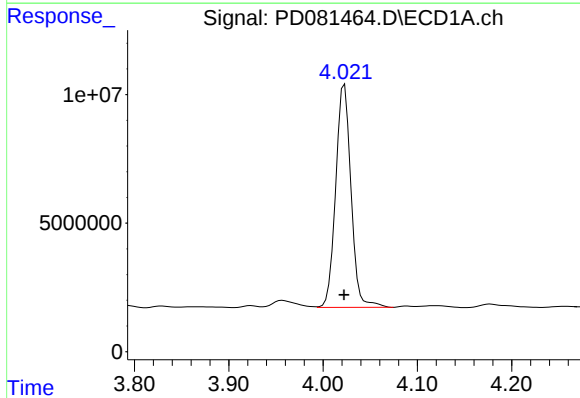
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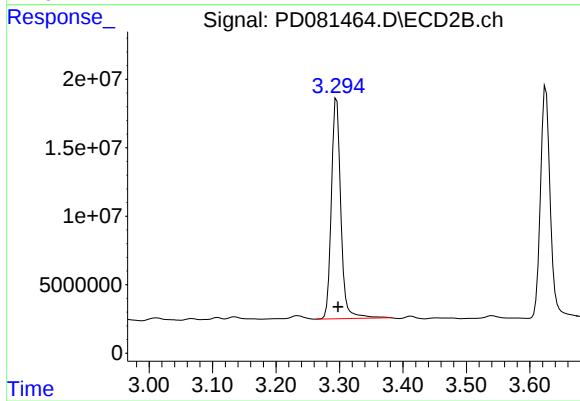
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 48048957
Conc: 20.09 ng/ml



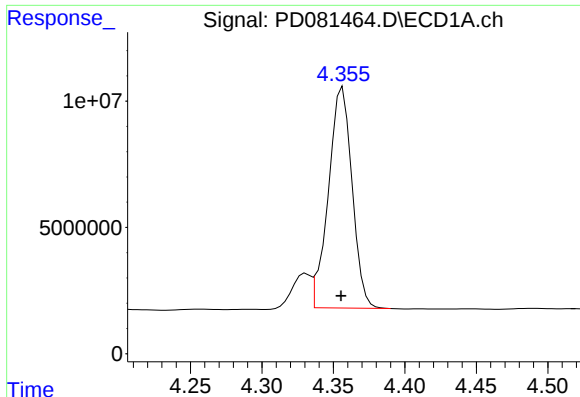
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 98007612
Conc: 39.46 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 167619253
Conc: 43.68 ng/ml



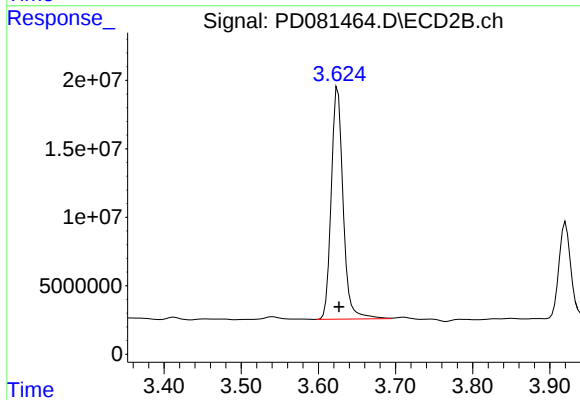
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 99641147
Conc: 40.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

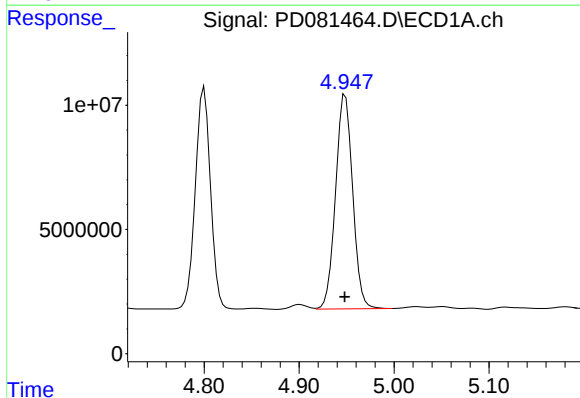
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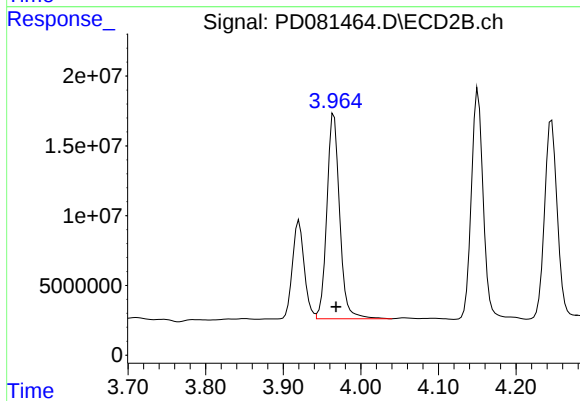
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 182392845
Conc: 48.78 ng/ml



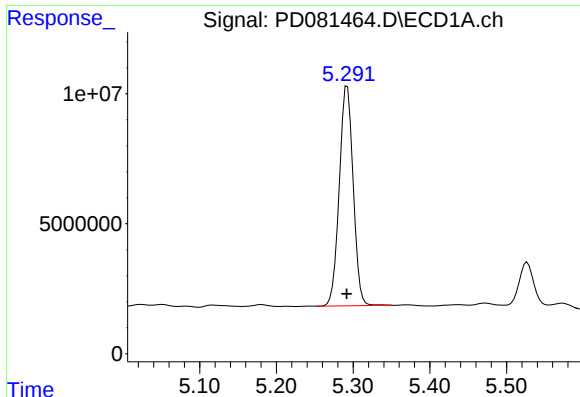
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 108001840
Conc: 43.79 ng/ml



#4 Heptachlor

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 168518389
Conc: 48.87 ng/ml



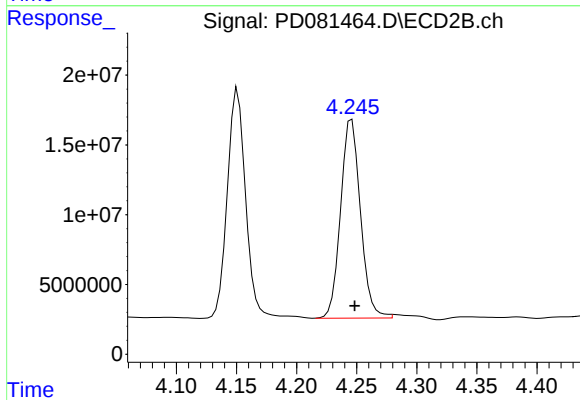
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 106628427
Conc: 43.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

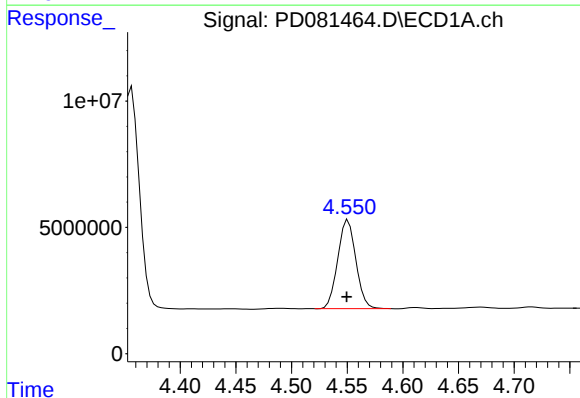
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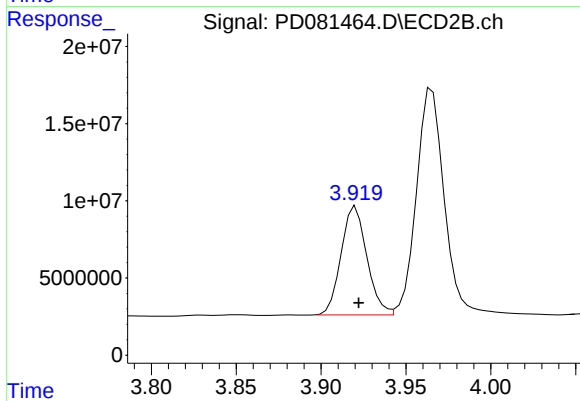
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 164869385
Conc: 45.27 ng/ml m



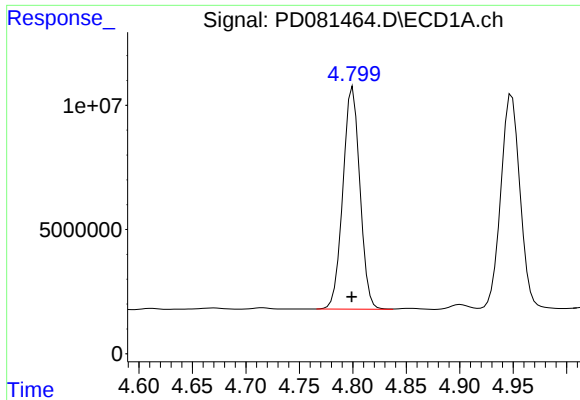
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 39924542
Conc: 39.46 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 74268249
Conc: 47.53 ng/ml



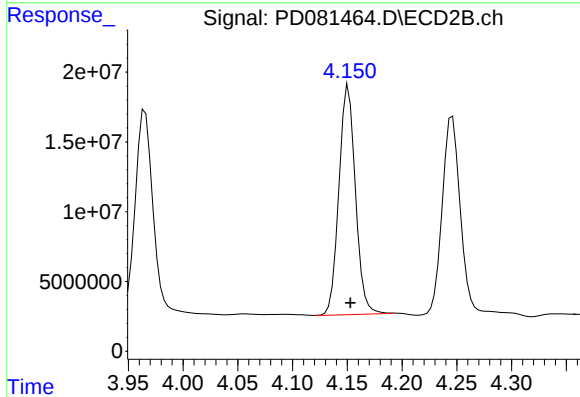
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 99017716
Conc: 39.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

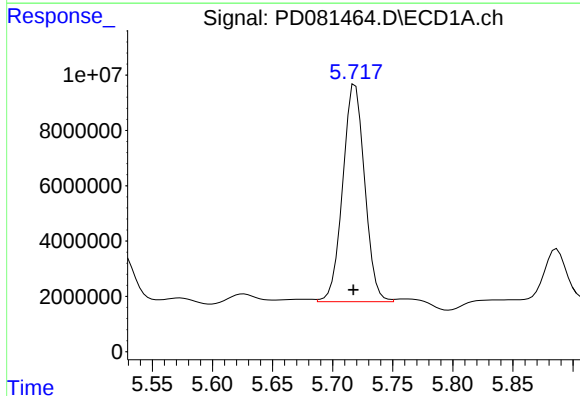
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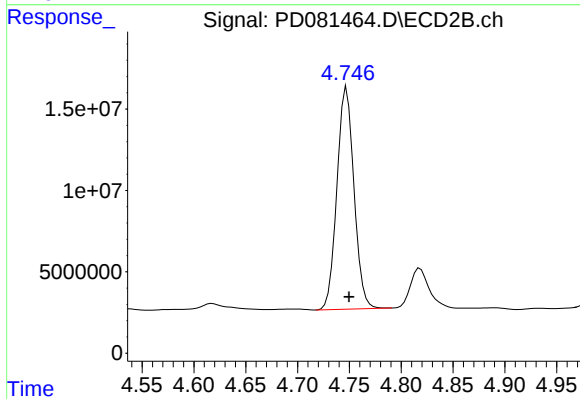
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.003 min
Response: 172324918
Conc: 45.92 ng/ml m



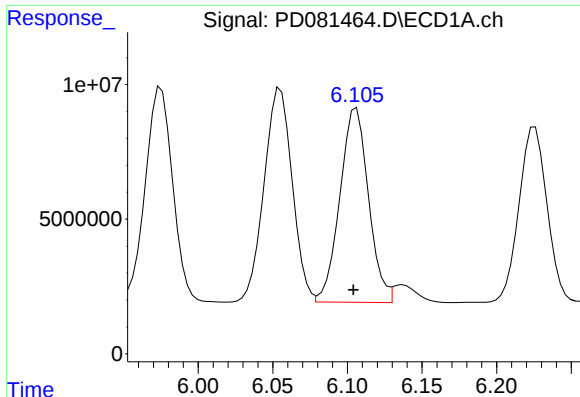
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 100111027
Conc: 44.71 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 156003174
Conc: 46.58 ng/ml



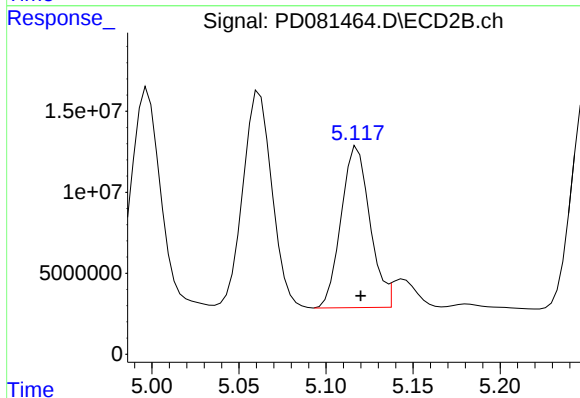
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 97596430
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

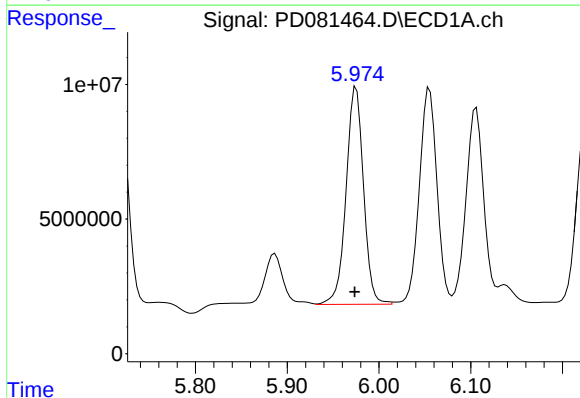
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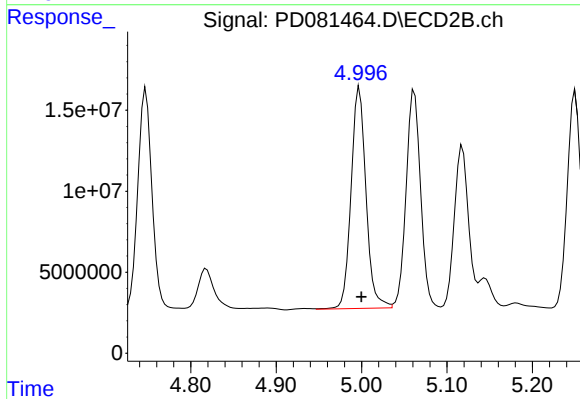
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 114309085
Conc: 37.32 ng/ml



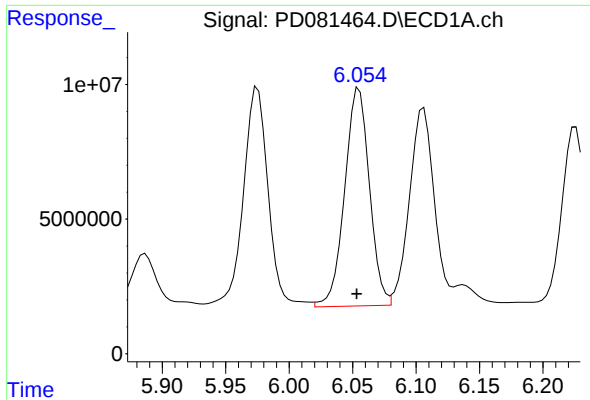
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 106382956
Conc: 48.60 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 166060481
Conc: 50.77 ng/ml



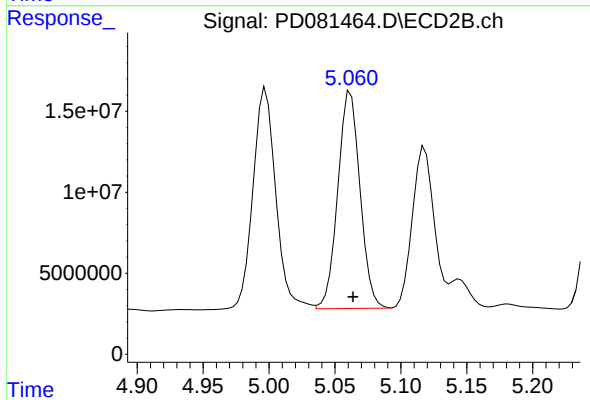
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 109772934
Conc: 50.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

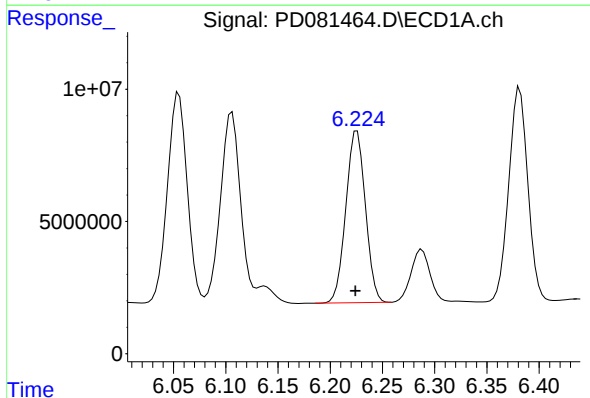
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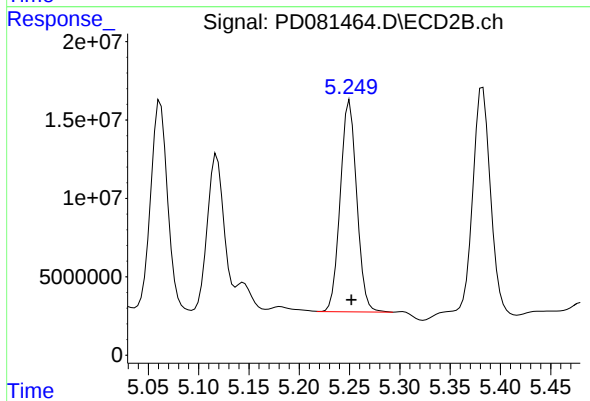
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 157227372
Conc: 48.09 ng/ml



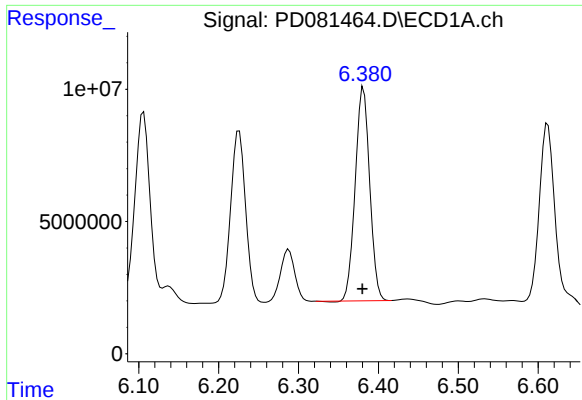
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 84518424
Conc: 41.53 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 153441972
Conc: 50.09 ng/ml m



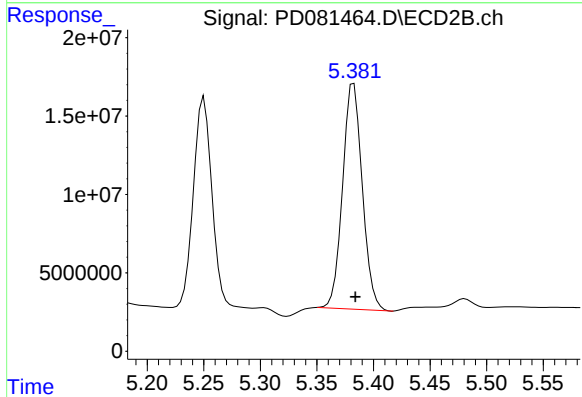
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 101652562
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

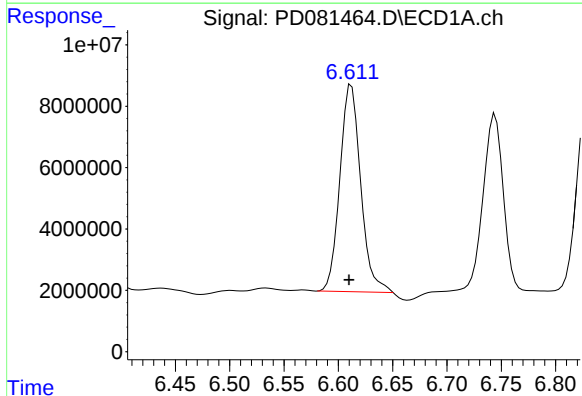
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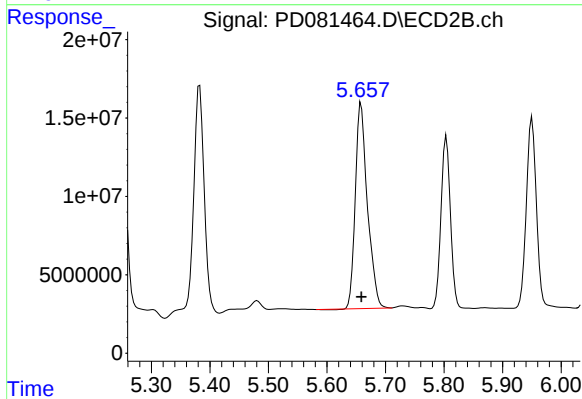
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 174490418
Conc: 51.31 ng/ml



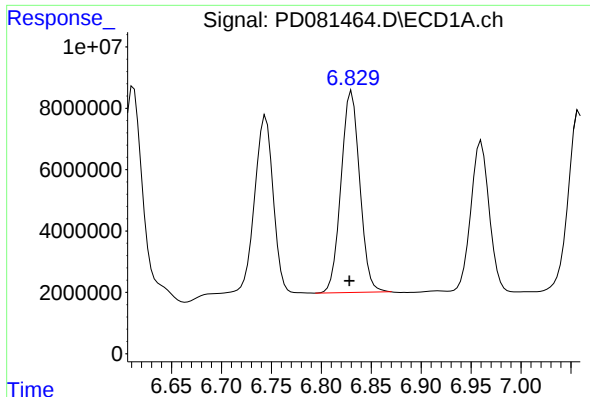
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 90189664
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 188591515
Conc: 63.64 ng/ml



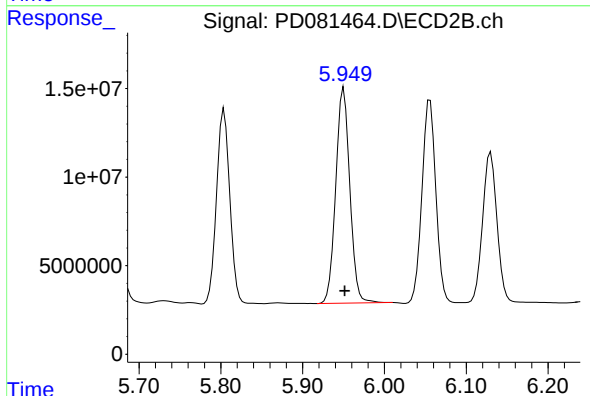
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 85557749
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

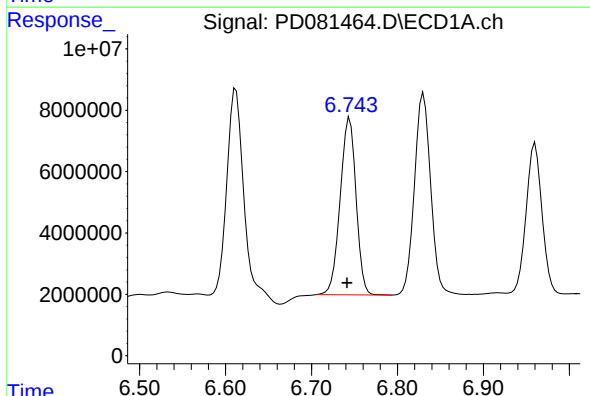
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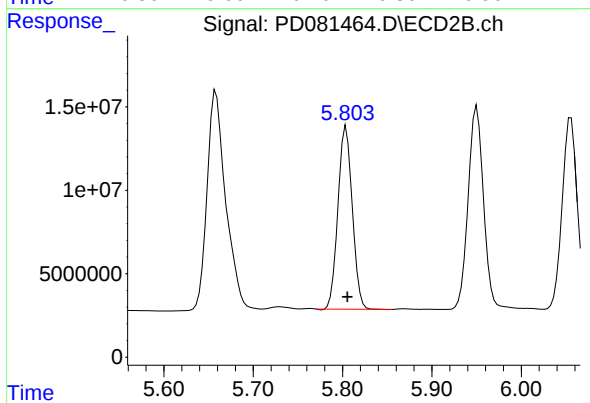
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 145328328
Conc: 50.53 ng/ml



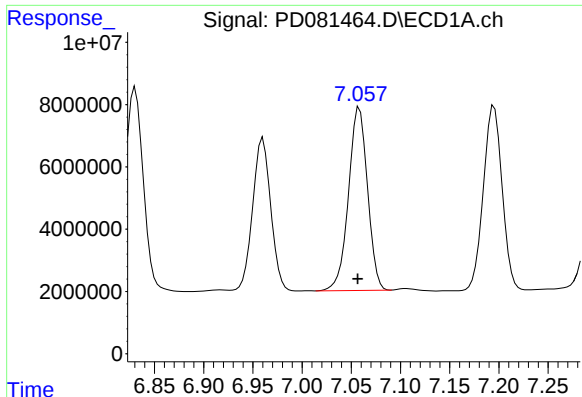
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.003 min
Response: 74238030
Conc: 45.18 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 121949446
Conc: 46.45 ng/ml



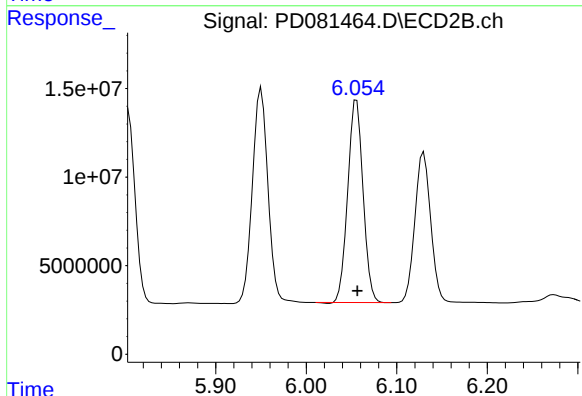
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 79162612
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

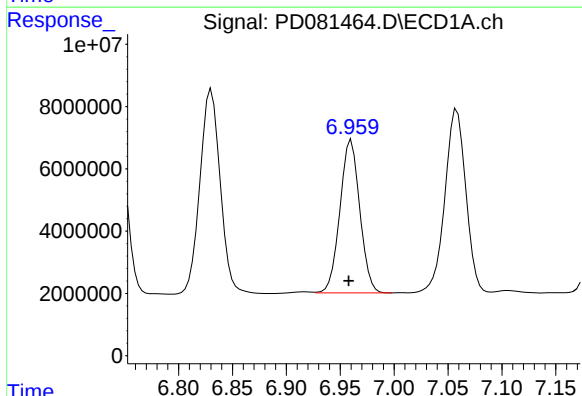
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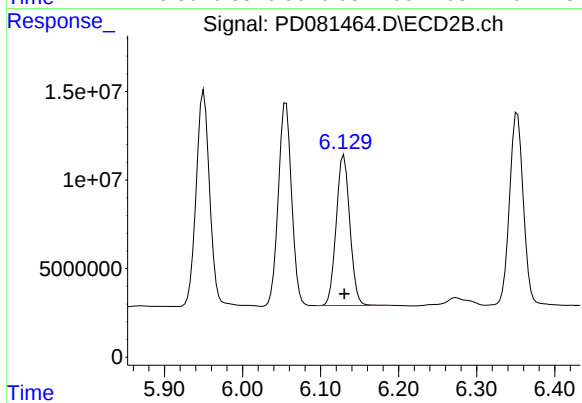
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 134572927
Conc: 50.72 ng/ml



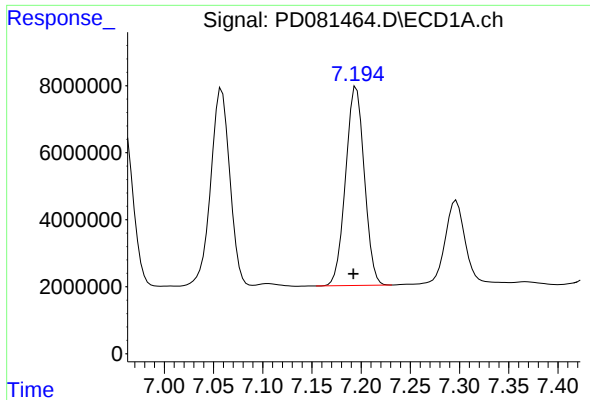
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 62993336
Conc: 41.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 103225032
Conc: 45.78 ng/ml



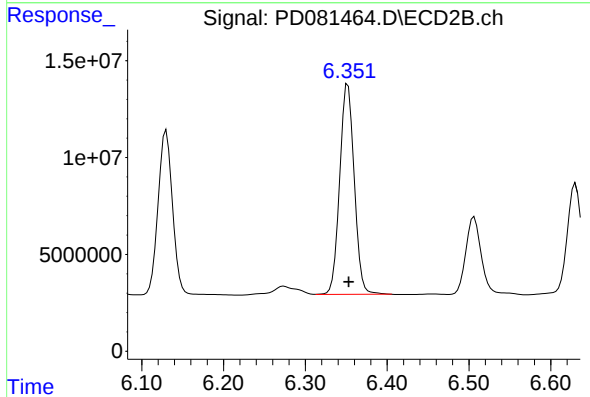
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 78647346
Conc: 41.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

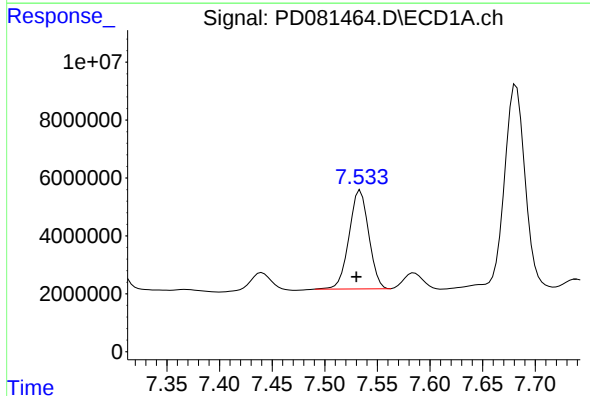
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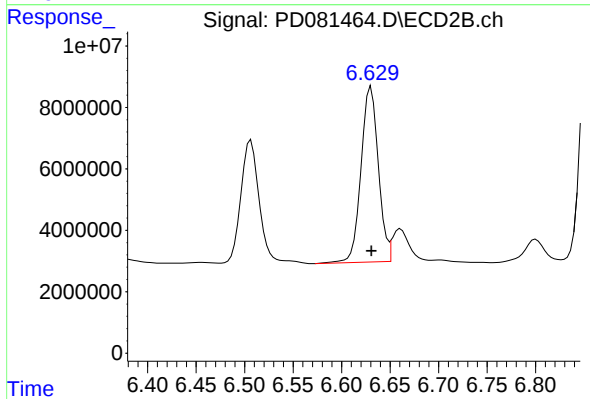
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 133753408
Conc: 47.95 ng/ml



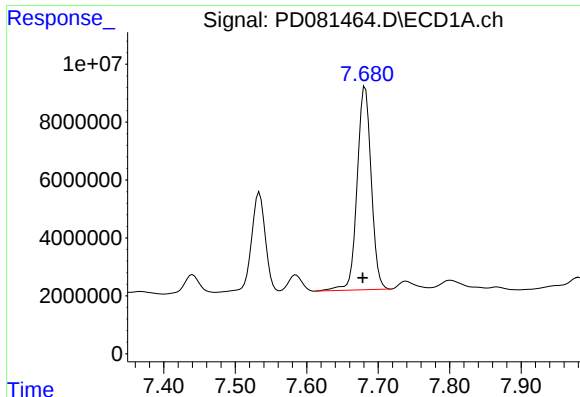
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 44398183
Conc: 43.14 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 70964789
Conc: 45.34 ng/ml



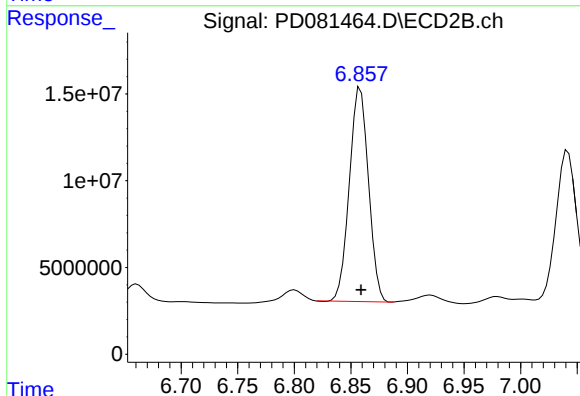
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 95907594
Conc: 45.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

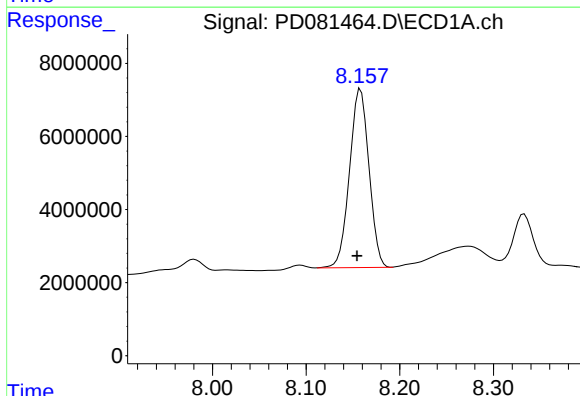
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2024
Supervised By :Ankita Jodhani 02/19/2024



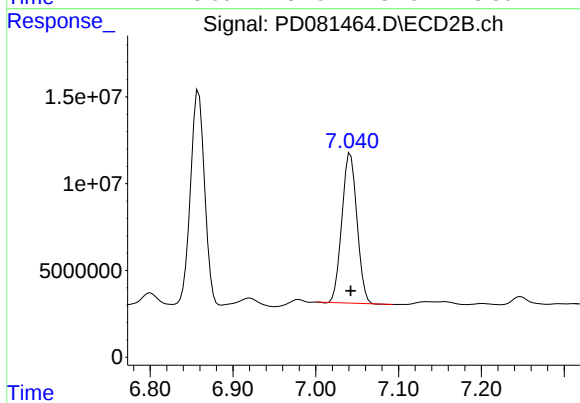
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 145152715
Conc: 44.98 ng/ml



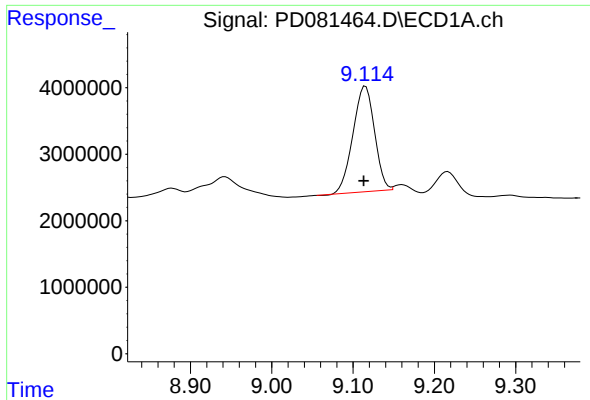
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 70580647
Conc: 42.79 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 109371896
Conc: 43.40 ng/ml



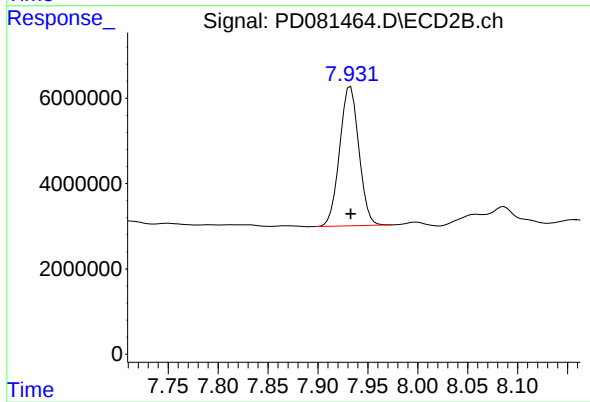
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.002 min
Response: 29154831
Conc: 14.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
RT-2327MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 43798827
Conc: 16.44 ng/ml