

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 03:36
 Operator : AR\AJ
 Sample : 04687-03MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-3-092923MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2023
 Supervised By : Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 06:26:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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...	3.540	2.757	43673008	31728980	15.129	15.535
28)	SA Decachlor...	9.077	7.893	53422080	28011378	14.405	12.345
Target Compounds							
2)	A alpha-BHC	3.996	3.258	197.2E6	125.3E6	40.612	41.802
3)	MA gamma-BHC...	4.330	3.588	183.1E6	116.6E6	39.143	40.256
4)	MA Heptachlor	4.920	3.927	192.0E6	124.0E6	40.844	42.024
5)	MB Aldrin	5.263	4.206	183.0E6	110.9E6	37.877	37.379
6)	B beta-BHC	4.528	3.885	72489364	48491796	39.029	41.957
7)	B delta-BHC	4.776	4.115	178.5E6	114.6E6	39.626	40.046
8)	B Heptachlo...	5.690	4.708	157.1E6	106.4E6	37.409	39.355
9)	A Endosulfan I	6.077	5.079	143.4E6	91234022	36.710	36.281
10)	B gamma-Chl...	5.947	4.958	158.7E6	105.8E6	37.804	39.368
11)	B alpha-Chl...	6.026	5.022	154.8E6	103.1E6	36.736	38.413
12)	B 4,4'-DDE	6.199	5.210	133.1E6	100.7E6	33.242	39.590
13)	MA Dieldrin	6.353	5.343	149.9E6	108.1E6	35.734	38.706
14)	MA Endrin	6.584	5.618	129.1E6	95617654	38.452	38.646
15)	B Endosulfa...	6.803	5.912	121.5E6	83414597	33.767	35.039
16)	A 4,4'-DDD	6.718	5.765	114.9E6	78117599	38.605	39.477
17)	MA 4,4'-DDT	7.032	6.016	118.0E6	76308107	39.885	37.489
18)	B Endrin al...	6.932	6.092	92384059	63208302	34.581m	34.095
19)	B Endosulfa...	7.169	6.315	119.0E6	80740529	37.027	36.393
20)	A Methoxychlor	7.508	6.591	61551071	40659366	36.881	37.267
21)	B Endrin ke...	7.654	6.821	127.3E6	85645682	35.433m	32.632
22)	Mirex	8.130	7.001	97006814	66607458	36.319	32.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 03:36
Operator : AR\AJ
Sample : 04687-03MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

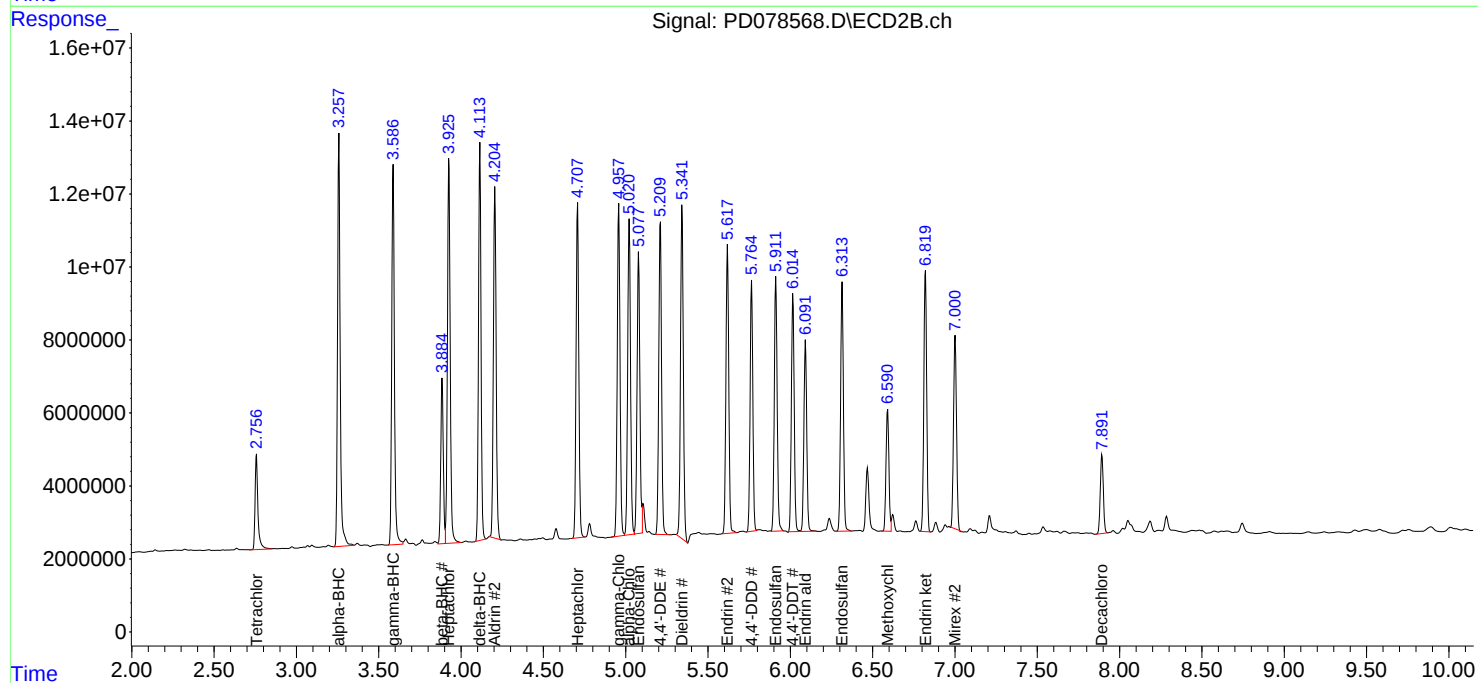
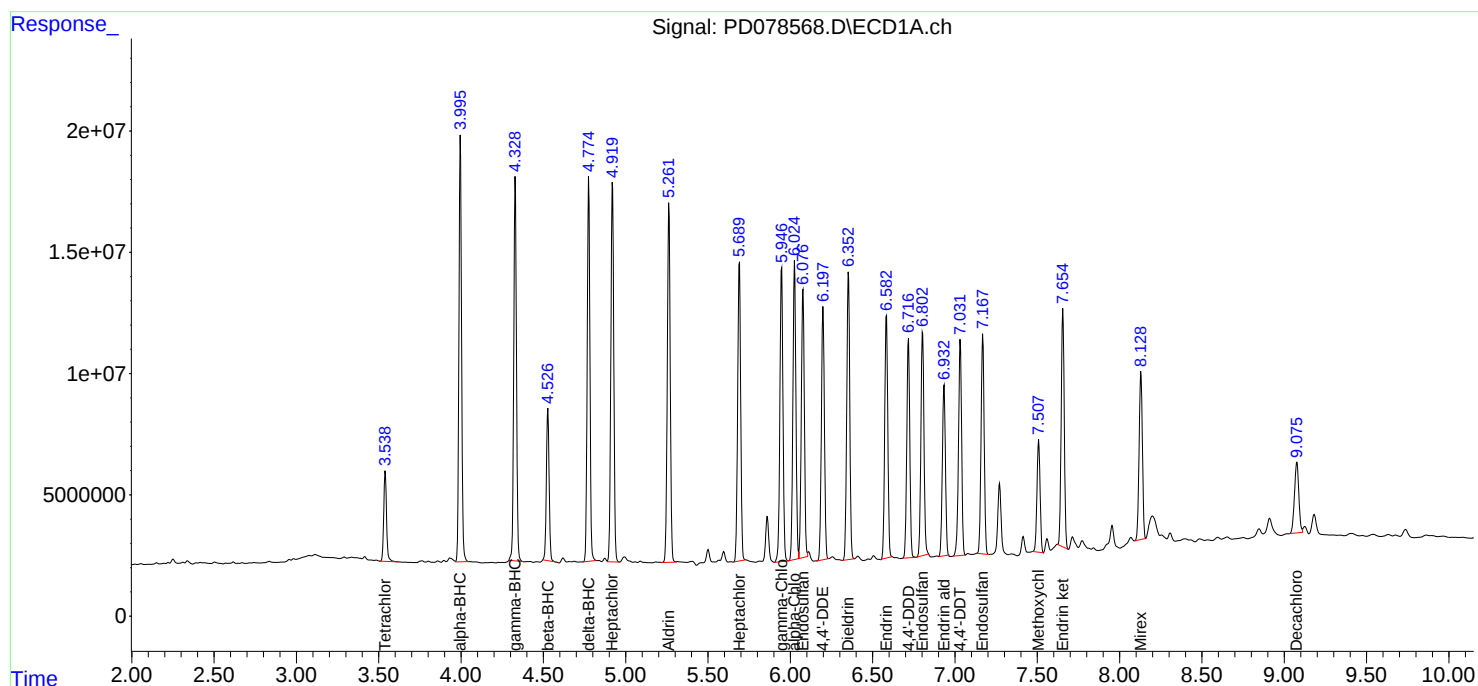
Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

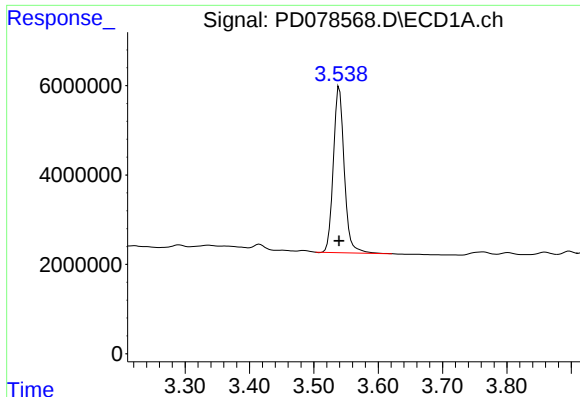
Manual Integrations
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Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 06:26:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 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





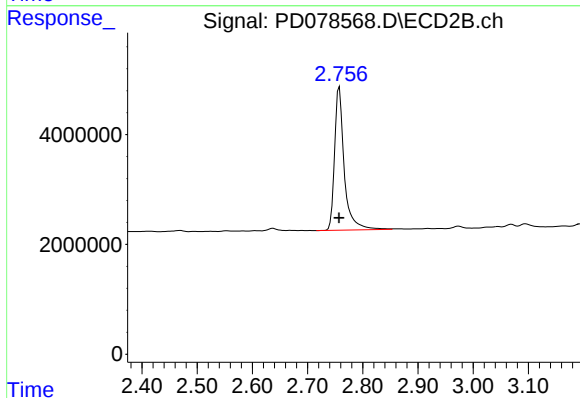
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 43673008
Conc: 15.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

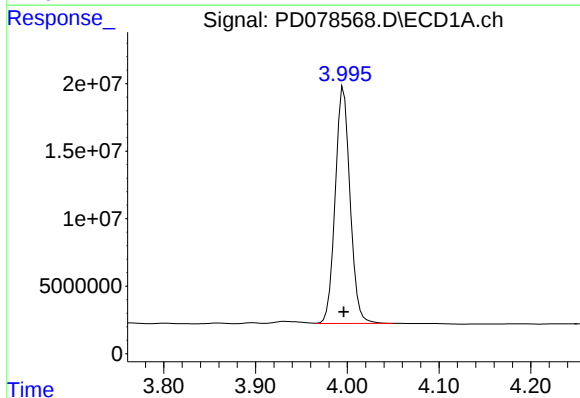
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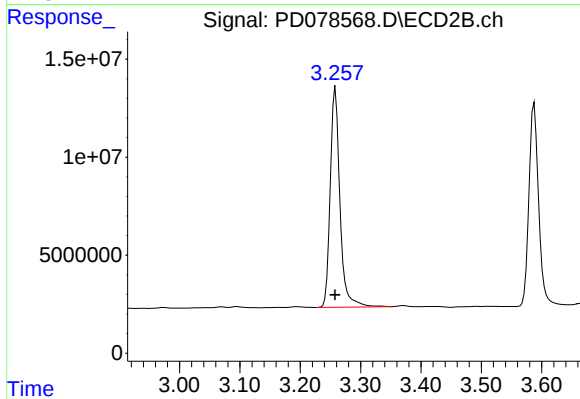
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 31728980
Conc: 15.54 ng/ml



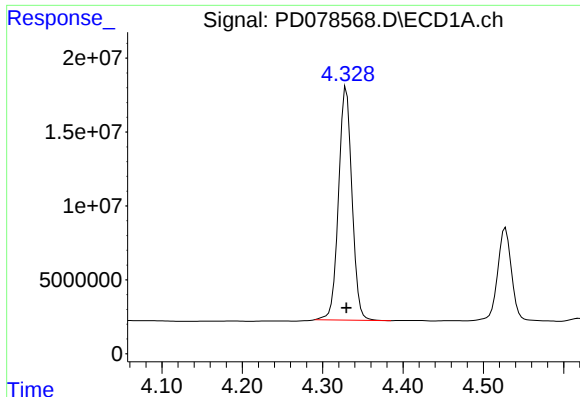
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 197224993
Conc: 40.61 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 125304247
Conc: 41.80 ng/ml



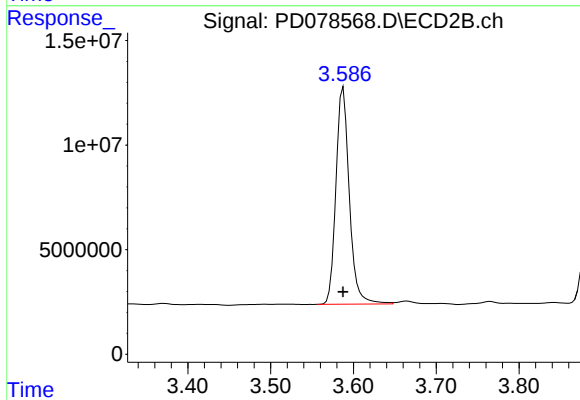
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 183113663
Conc: 39.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

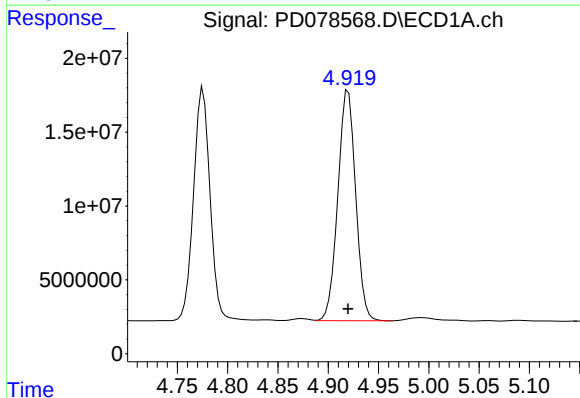
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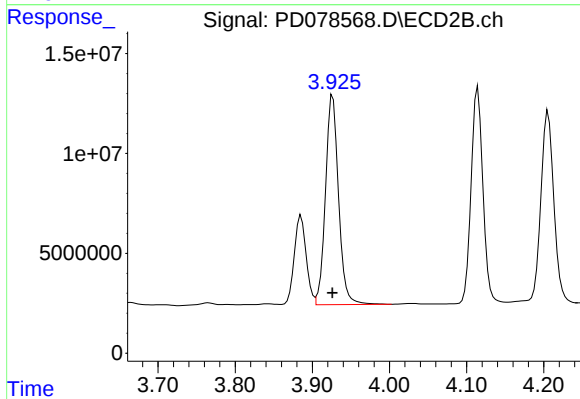
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 116630245
Conc: 40.26 ng/ml



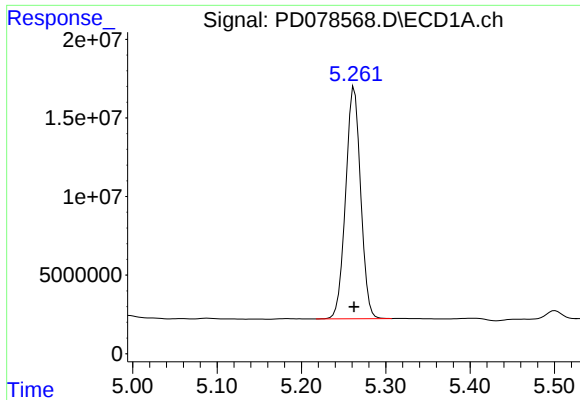
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 192023265
Conc: 40.84 ng/ml



#4 Heptachlor

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 123990378
Conc: 42.02 ng/ml



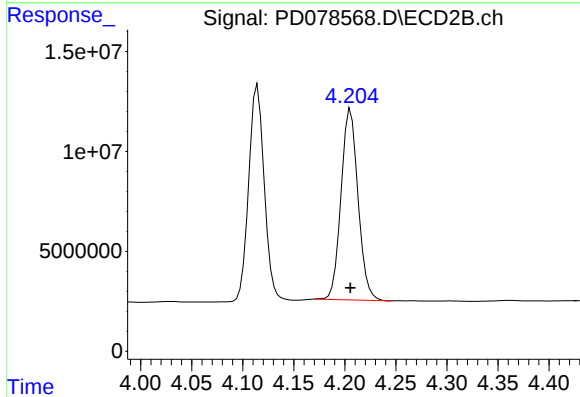
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 182982624
Conc: 37.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

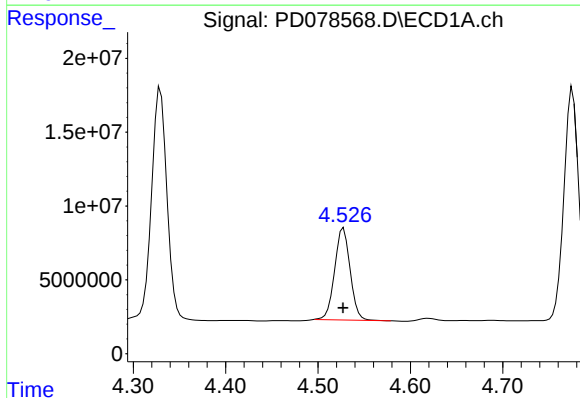
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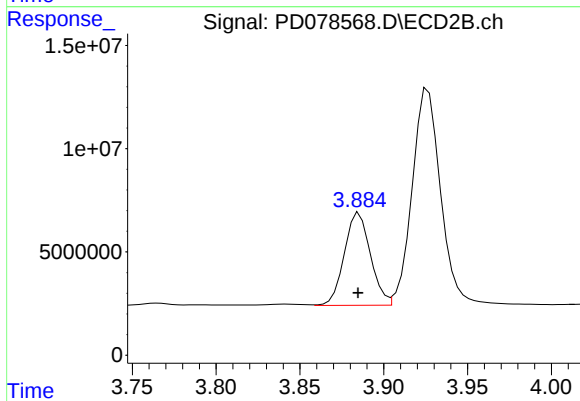
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 110901462
Conc: 37.38 ng/ml



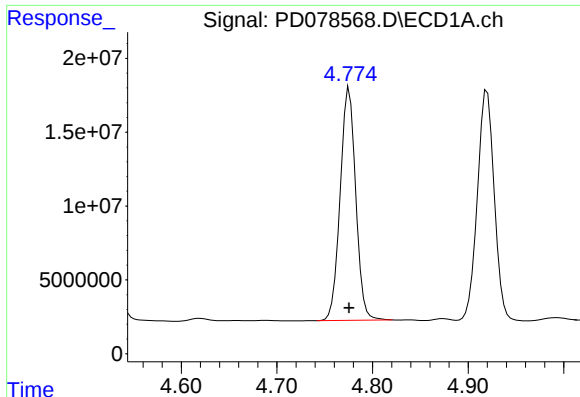
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 72489364
Conc: 39.03 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 48491796
Conc: 41.96 ng/ml



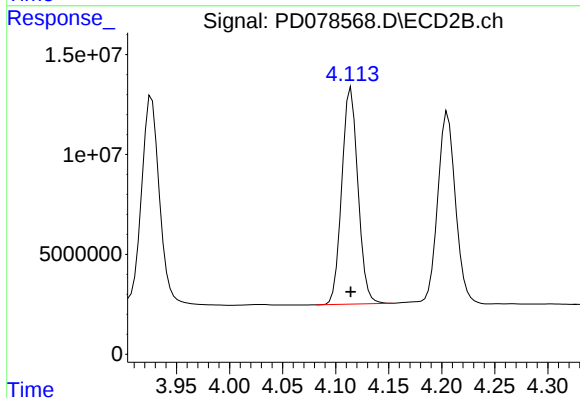
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 178478532
Conc: 39.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

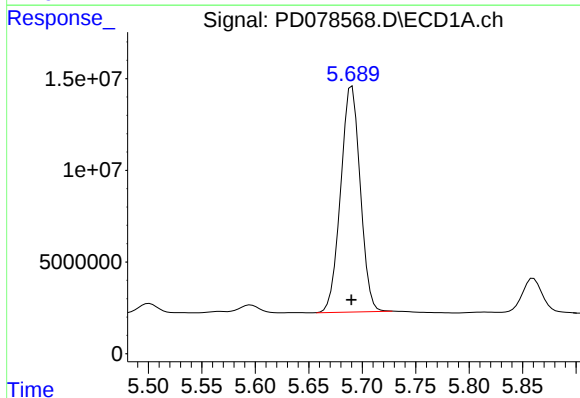
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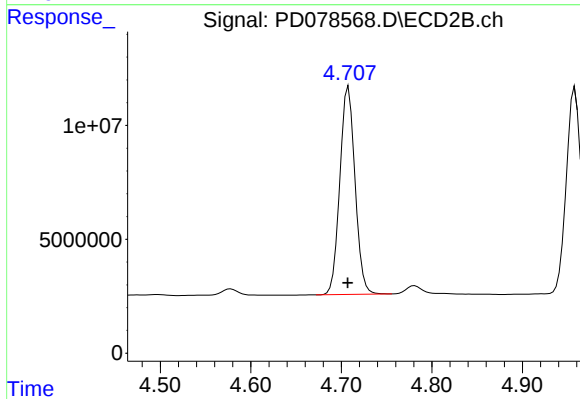
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 114579506
Conc: 40.05 ng/ml



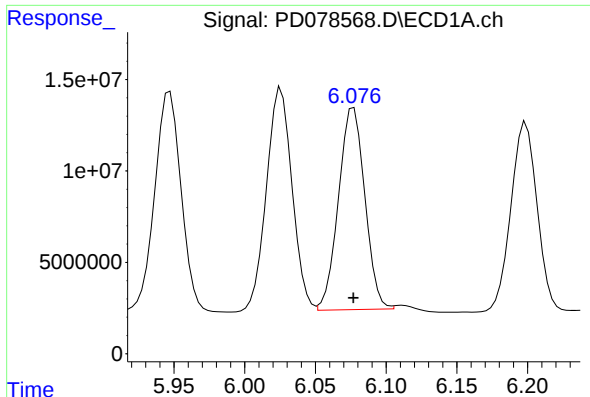
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 157118932
Conc: 37.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 106366138
Conc: 39.36 ng/ml



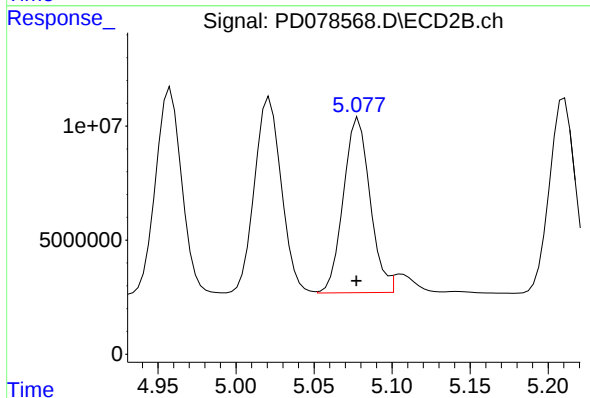
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 143419052
Conc: 36.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

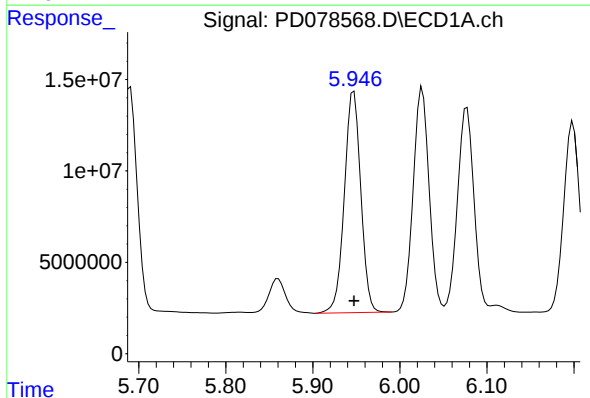
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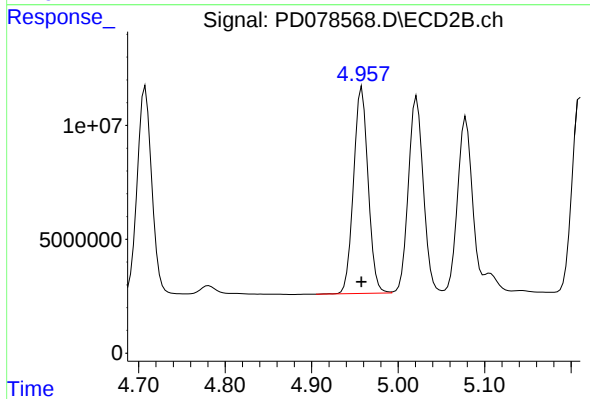
#9 Endosulfan I

R.T.: 5.079 min
Delta R.T.: 0.001 min
Response: 91234022
Conc: 36.28 ng/ml



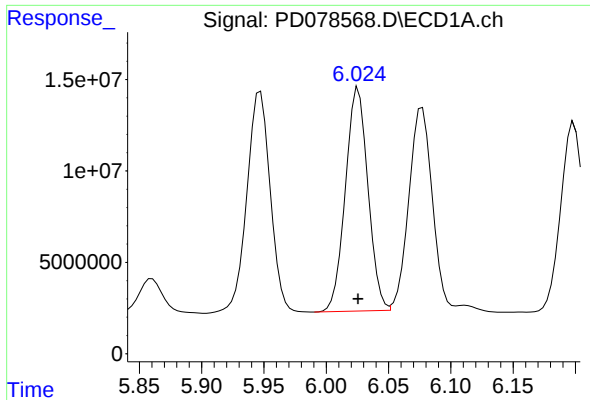
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 158742510
Conc: 37.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 105796794
Conc: 39.37 ng/ml



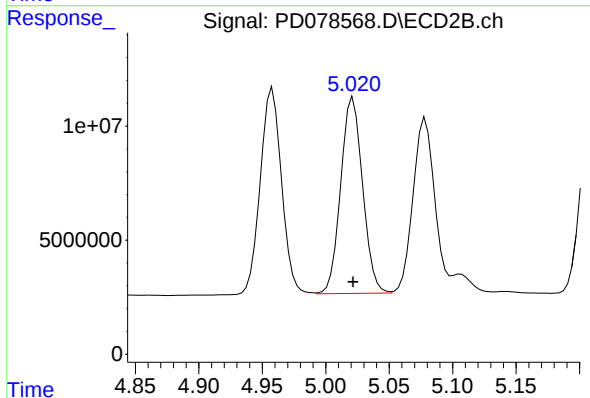
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 154776752
Conc: 36.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

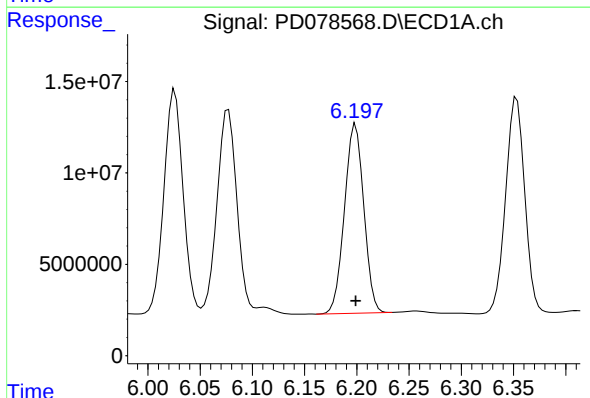
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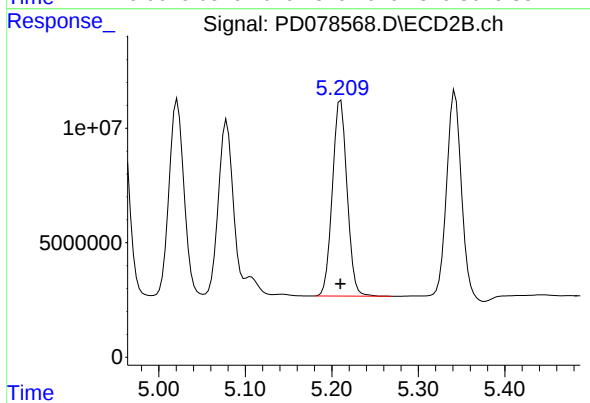
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 103146531
Conc: 38.41 ng/ml



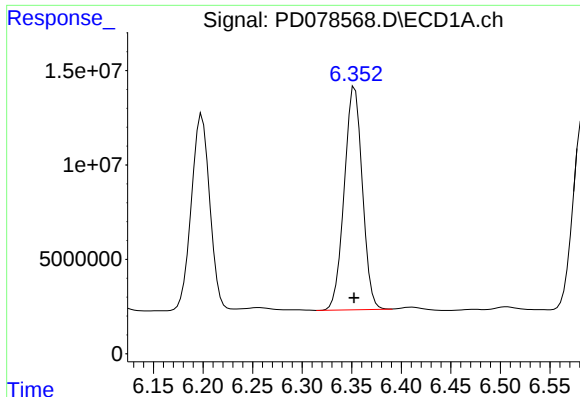
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 133054940
Conc: 33.24 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 100730907
Conc: 39.59 ng/ml



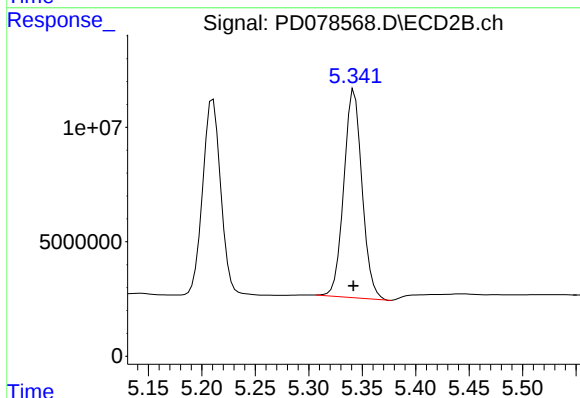
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 149912728
Conc: 35.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

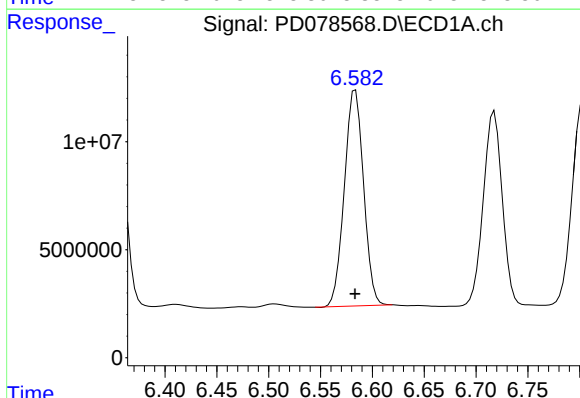
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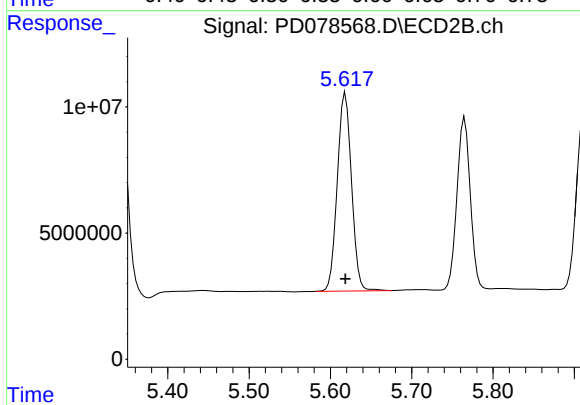
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 108052213
Conc: 38.71 ng/ml



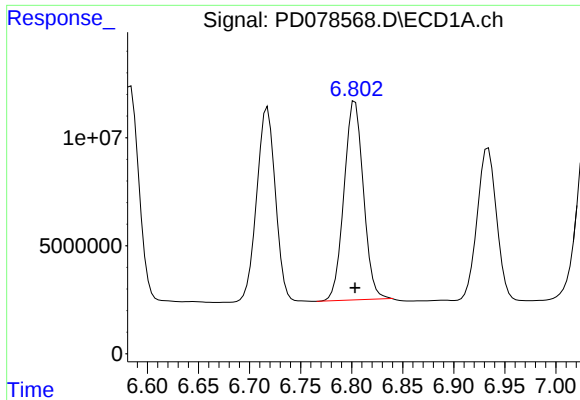
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 129135853
Conc: 38.45 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 95617654
Conc: 38.65 ng/ml



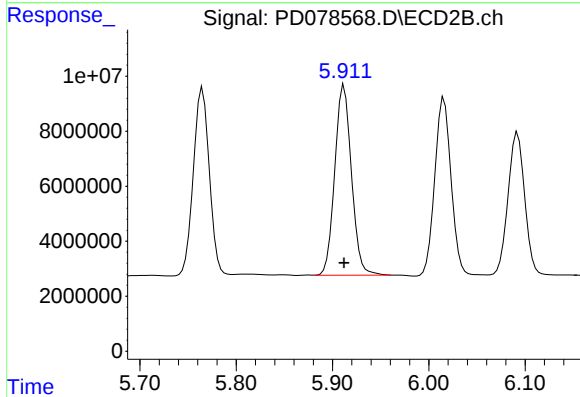
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 121542423
Conc: 33.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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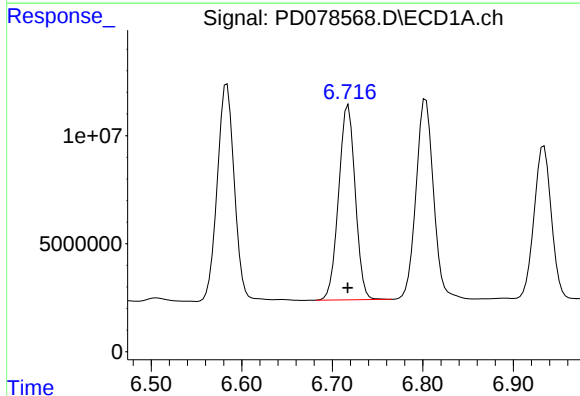
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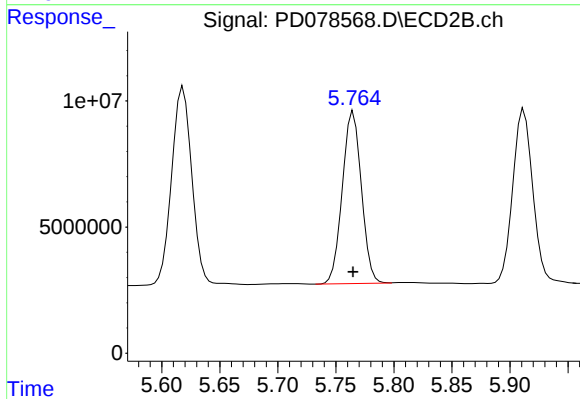
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 83414597
Conc: 35.04 ng/ml



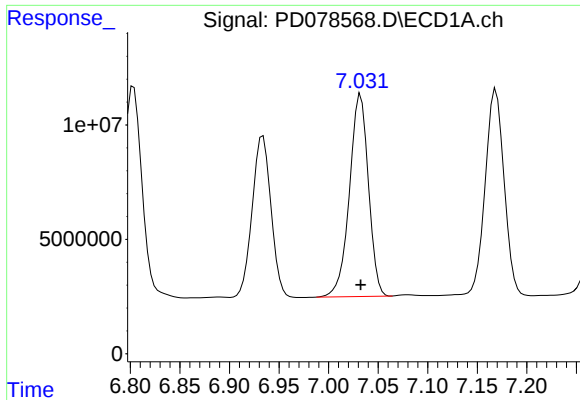
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 114872374
Conc: 38.61 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 78117599
Conc: 39.48 ng/ml



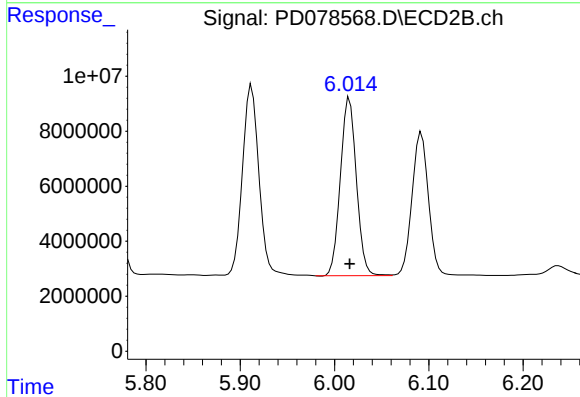
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 118032583
Conc: 39.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
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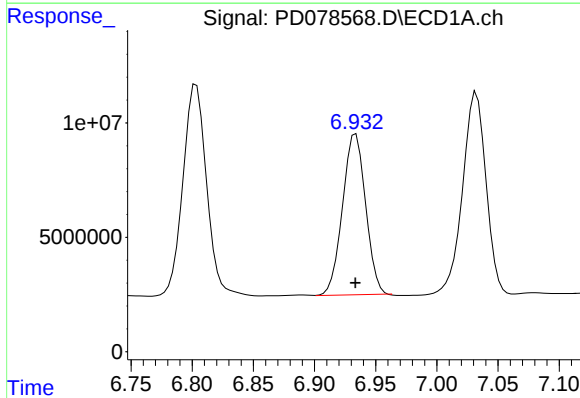
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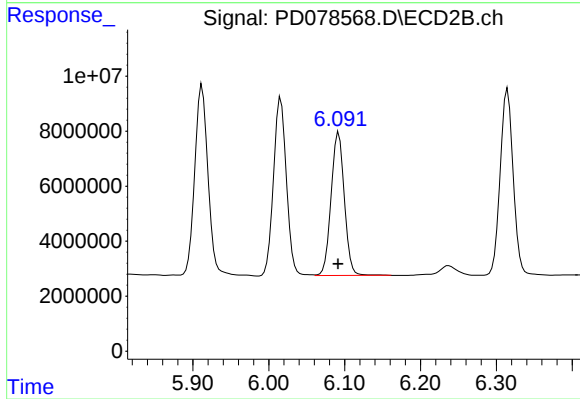
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 76308107
Conc: 37.49 ng/ml



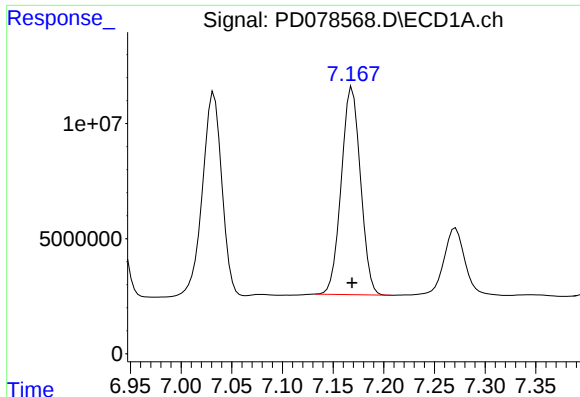
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 92384059
Conc: 34.58 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 63208302
Conc: 34.10 ng/ml



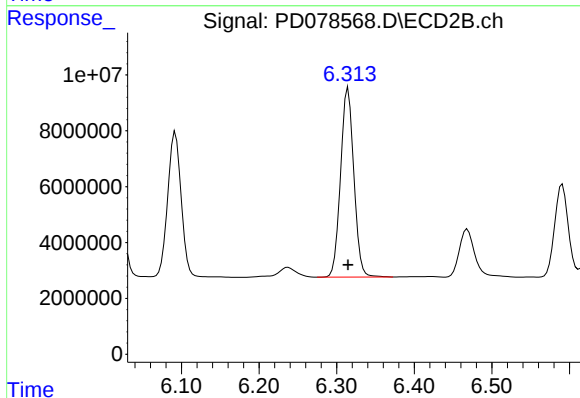
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 118964239
Conc: 37.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
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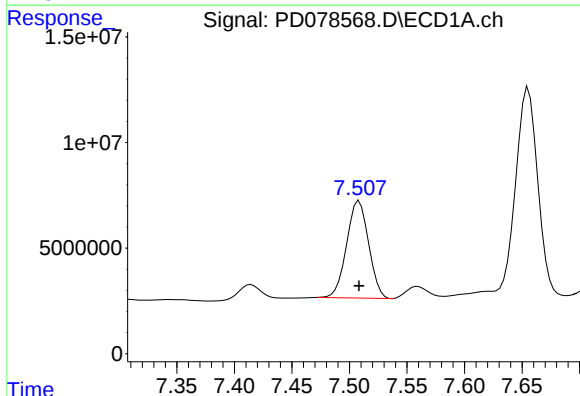
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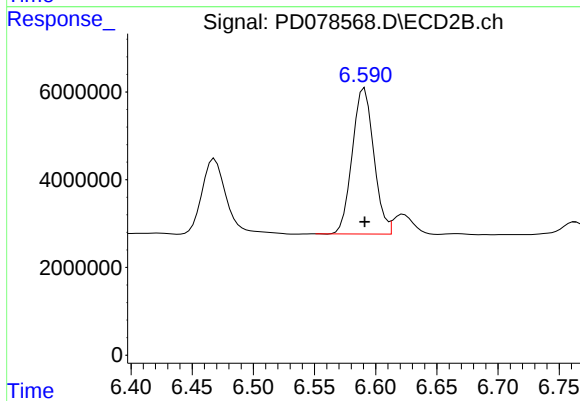
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 80740529
Conc: 36.39 ng/ml



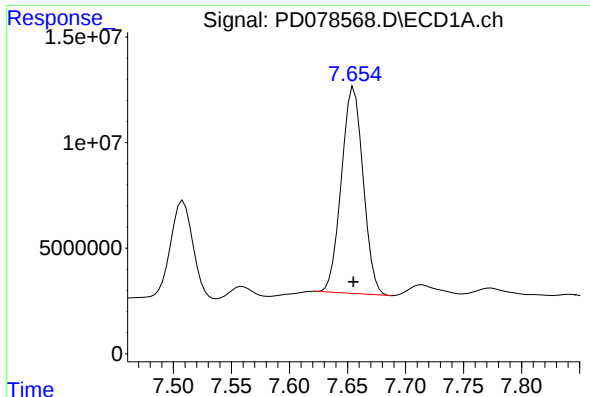
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 61551071
Conc: 36.88 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 40659366
Conc: 37.27 ng/ml



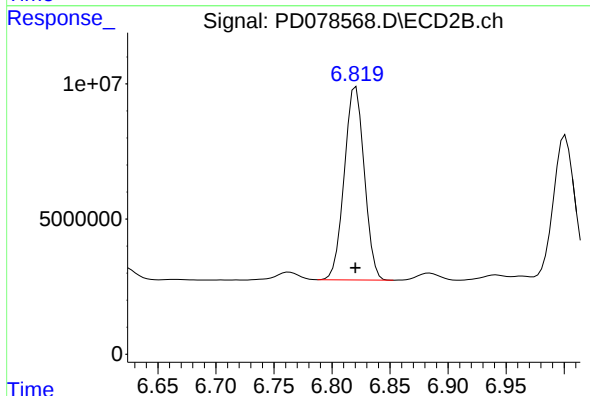
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 127306817
Conc: 35.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

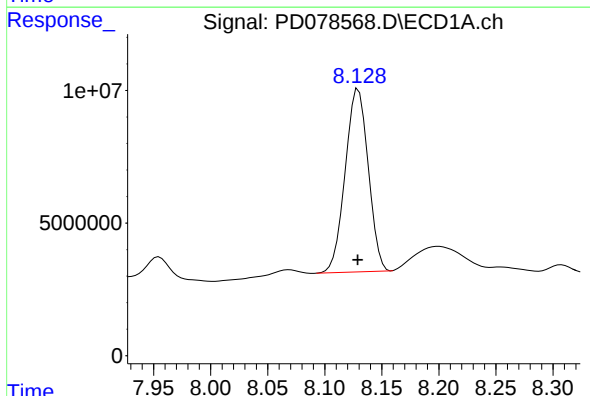
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



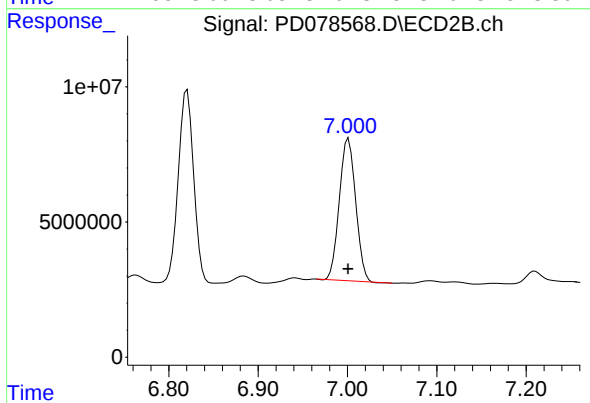
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 85645682
Conc: 32.63 ng/ml



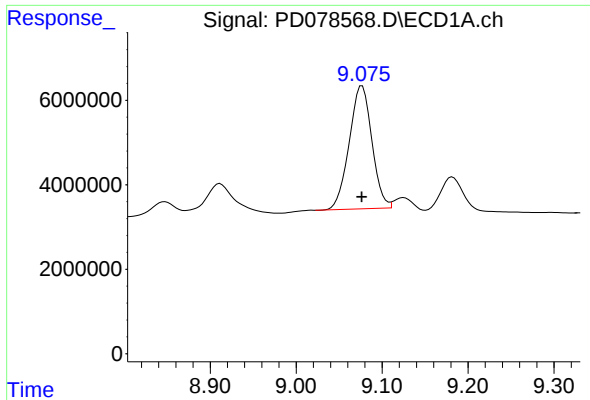
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 97006814
Conc: 36.32 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 66607458
Conc: 32.69 ng/ml



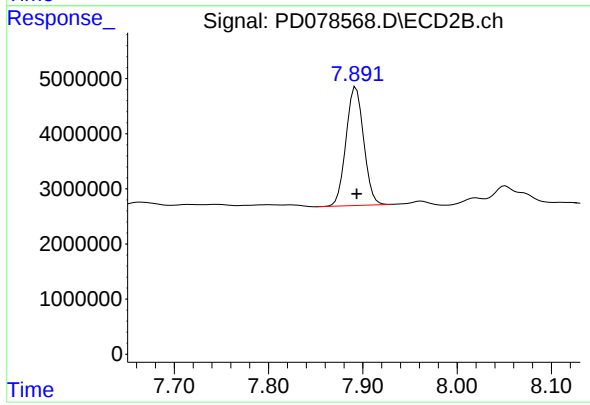
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 53422080
Conc: 14.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MS

Manual Integrations
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Supervised By :Ankita Jodhani 10/03/2023



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 28011378
Conc: 12.34 ng/ml