

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112724\
 Data File : PD086981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2024 19:25
 Operator : AR\AJ
 Sample : P4995-02MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 001MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:18:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 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...	3.558	2.885	36092955	231.2E6	18.049	20.197
28)	SA Decachlor...	9.089	8.087	64730911	287.4E6	20.349	20.625
Target Compounds							
2)	A alpha-BHC	4.008	3.399	218.9E6	933.8E6	54.389	52.996
3)	MA gamma-BHC...	4.339	3.735	211.0E6	874.8E6	52.904	52.086
4)	MA Heptachlor	4.939	4.091	206.2E6	932.1E6	52.520	57.343
5)	MB Aldrin	5.282	4.377	204.1E6	823.8E6	50.071	49.277
6)	B beta-BHC	4.521	4.031	84404934	385.8E6	53.515m	53.869
7)	B delta-BHC	4.770	4.268	233.7E6	877.6E6	57.344m	51.617
8)	B Heptachlo...	5.701	4.882	188.1E6	786.5E6	52.067	51.797
9)	A Endosulfan I	6.085	5.257	177.7E6	739.7E6	52.943	52.102
10)	B gamma-Chl...	5.956	5.136	190.5E6	823.4E6	53.912	52.935
11)	B alpha-Chl...	6.037	5.200	190.3E6	797.8E6	53.265	52.207
12)	B 4,4'-DDE	6.206	5.386	173.0E6	784.3E6	53.158	52.028
13)	MA Dieldrin	6.358	5.523	192.2E6	808.7E6	53.197	51.937
14)	MA Endrin	6.583	5.799	161.1E6	744.8E6	53.246m	53.242
15)	B Endosulfa...	6.796	6.090	160.3E6	725.0E6	53.639	52.674
16)	A 4,4'-DDD	6.715	5.941	137.2E6	662.9E6	52.765	52.740
17)	MA 4,4'-DDT	7.032	6.196	149.3E6	708.9E6	52.848	53.164
18)	B Endrin al...	6.925	6.269	124.6E6	554.5E6	50.965	49.986
19)	B Endosulfa...	7.160	6.493	151.8E6	695.8E6	52.163	51.426
20)	A Methoxychlor	7.504	6.767	81798194	371.6E6	51.147	51.809
21)	B Endrin ke...	7.641	7.002	168.7E6	761.2E6	51.995	50.505
22)	Mirex	8.126	7.198	117.3E6	569.7E6	47.032	46.198

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

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Acq On : 27 Nov 2024 19:25
Operator : AR\AJ
Sample : P4995-02MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

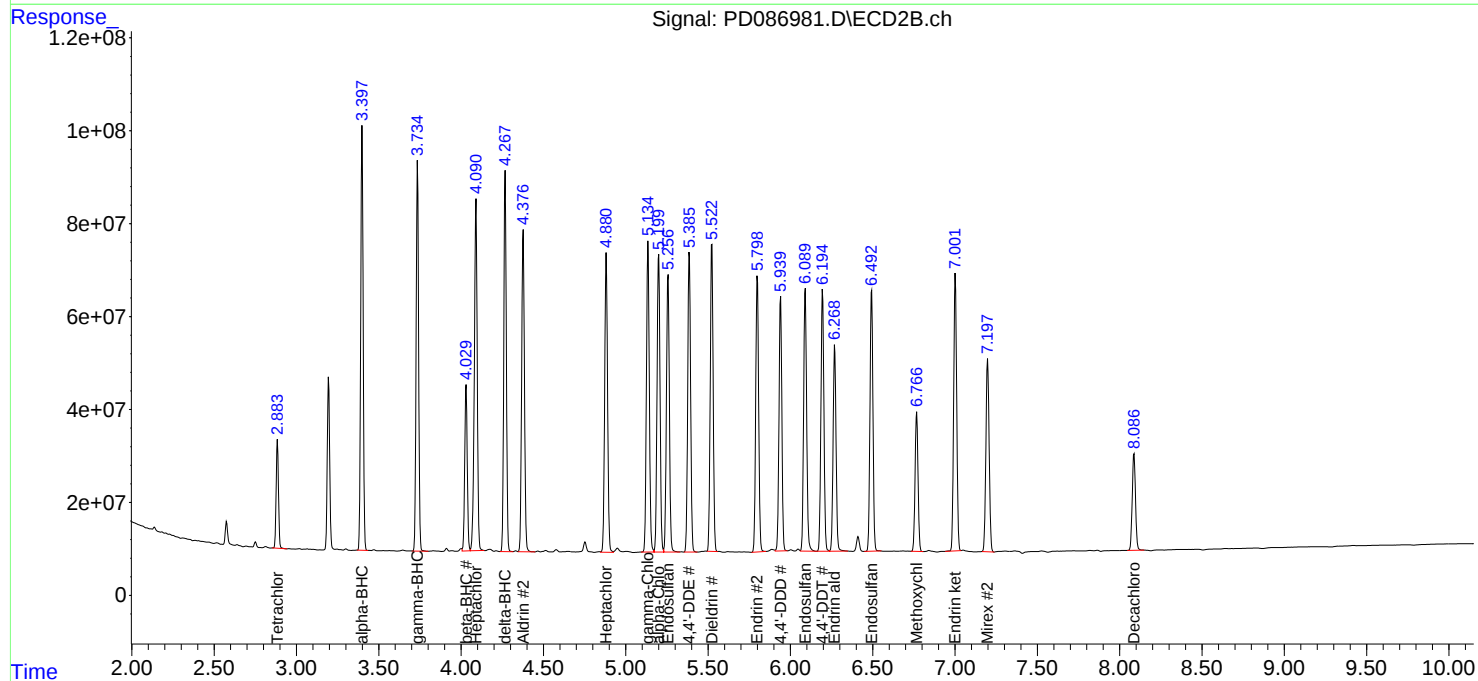
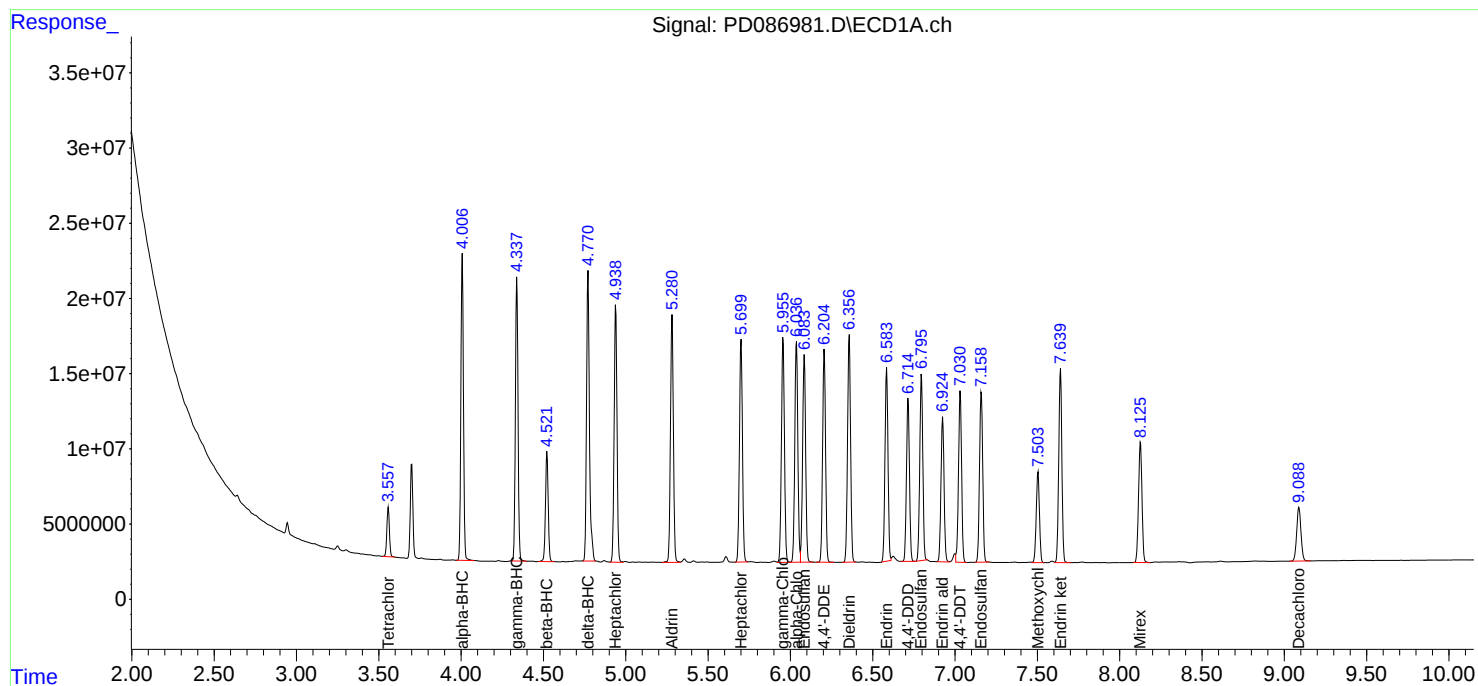
Instrument :
ECD_D
ClientSampleId :
001MSD

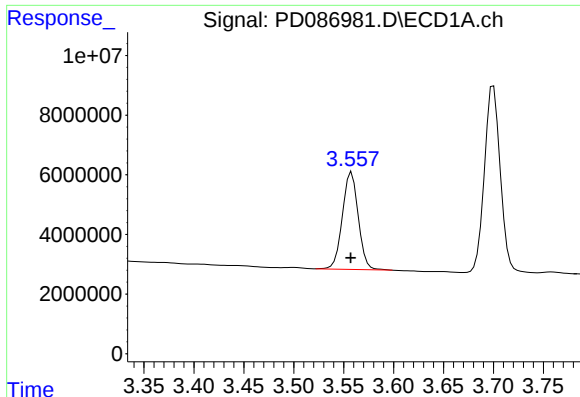
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:18:29 2024
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QLast Update : Wed Nov 27 15:47:26 2024
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Volume Inj. : 1 µl
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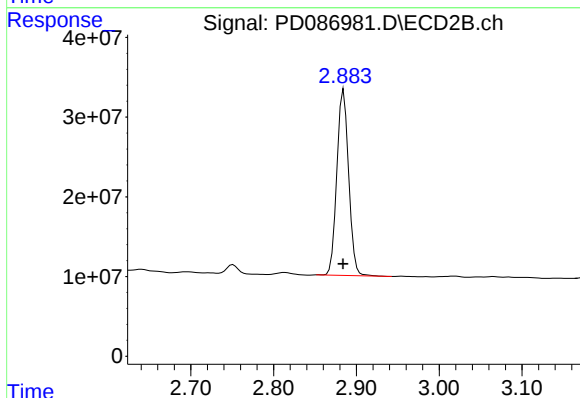
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.001 min
Response: 36092955
Conc: 18.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

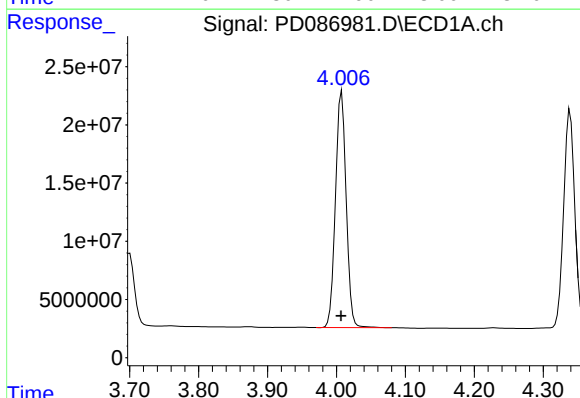
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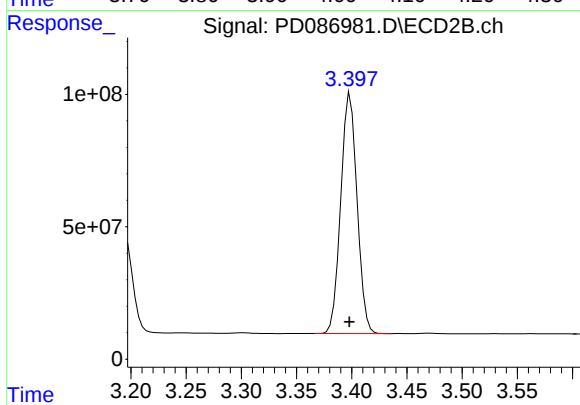
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 231185073
Conc: 20.20 ng/ml



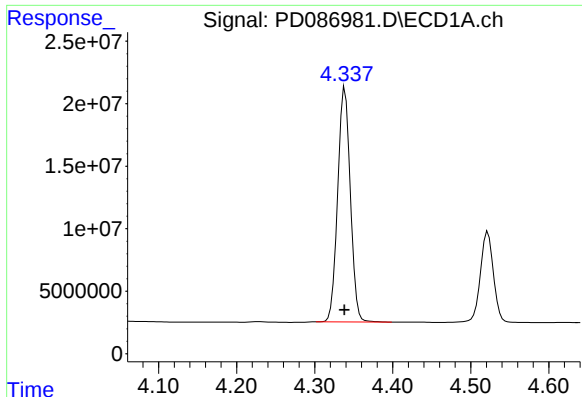
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 218861310
Conc: 54.39 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 933828990
Conc: 53.00 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 211005477
Conc: 52.90 ng/ml

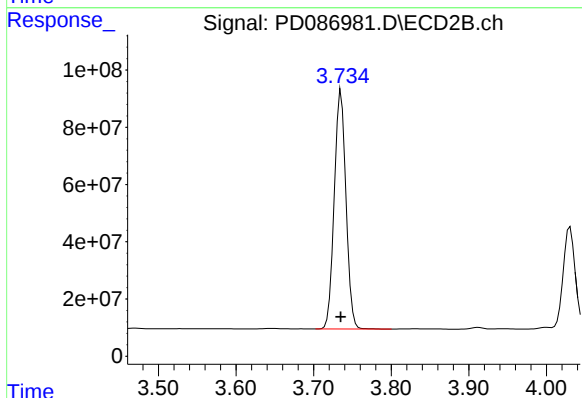
Instrument :

ECD_D

ClientSampleId :
001MSD

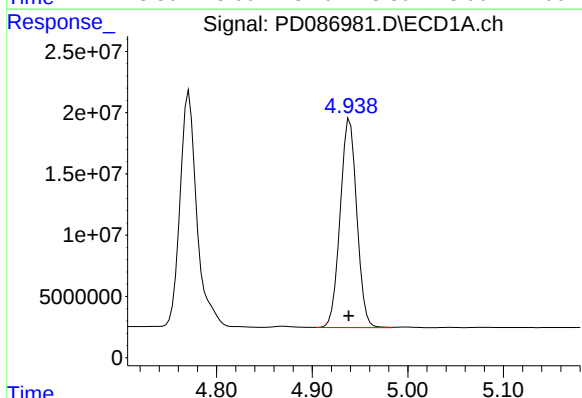
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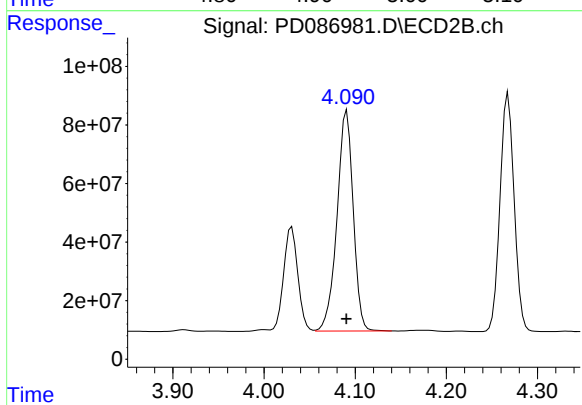
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 874774827
Conc: 52.09 ng/ml



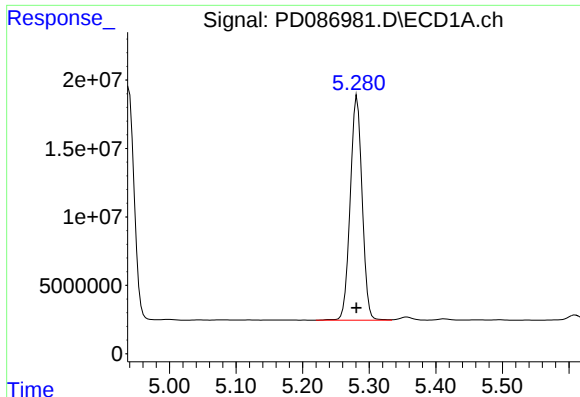
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.001 min
Response: 206204285
Conc: 52.52 ng/ml



#4 Heptachlor

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 932149872
Conc: 57.34 ng/ml



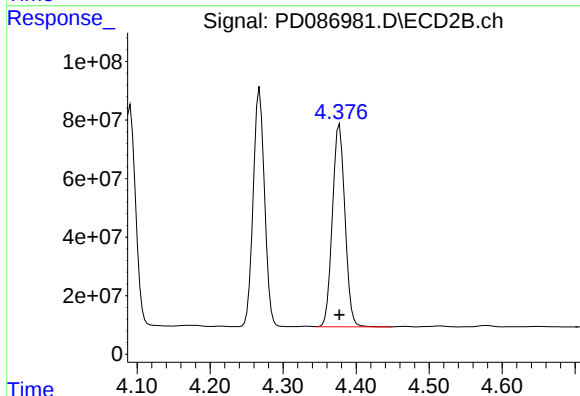
#5 Aldrin

R.T.: 5.282 min
Delta R.T.: 0.001 min
Response: 204084513
Conc: 50.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

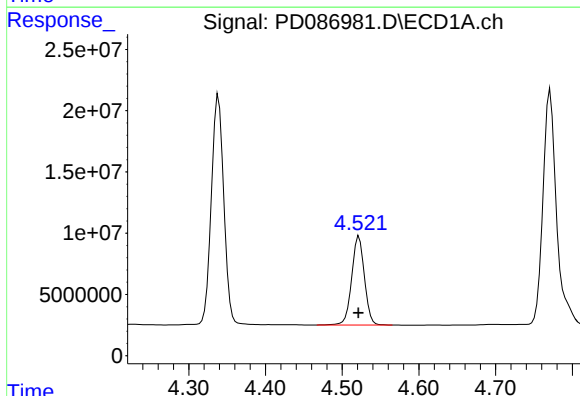
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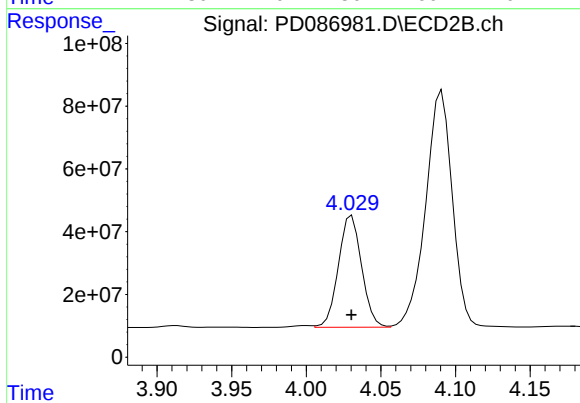
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 823774875
Conc: 49.28 ng/ml



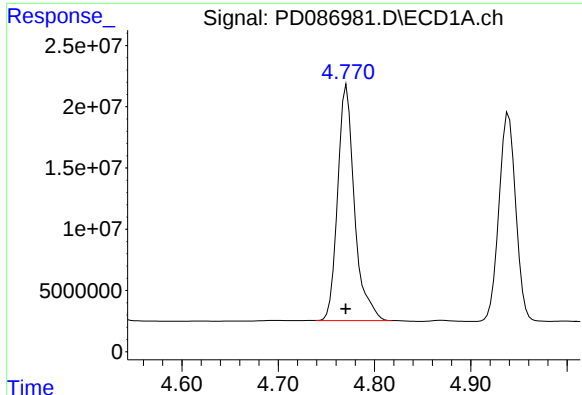
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 84404934
Conc: 53.52 ng/ml m



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 385798823
Conc: 53.87 ng/ml



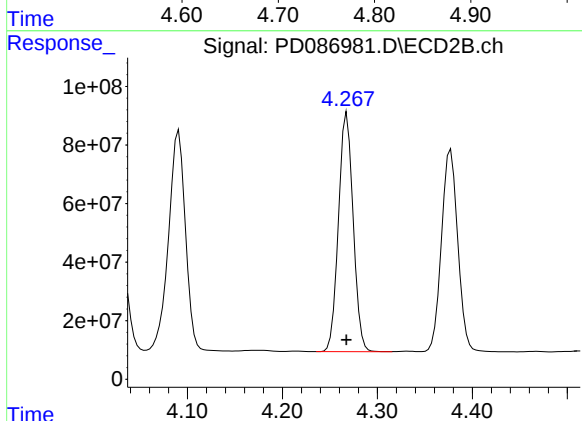
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 233738601
Conc: 57.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

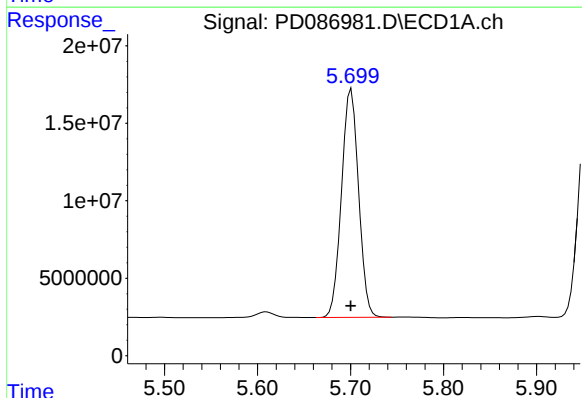
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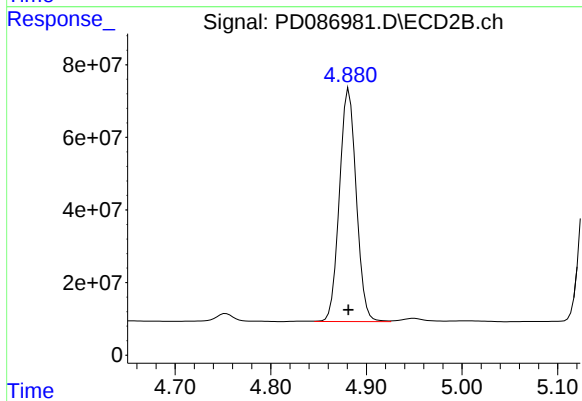
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 877600639
Conc: 51.62 ng/ml



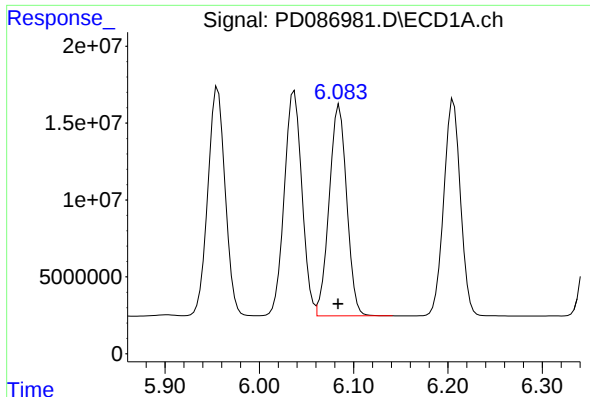
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 188147394
Conc: 52.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 786478253
Conc: 51.80 ng/ml



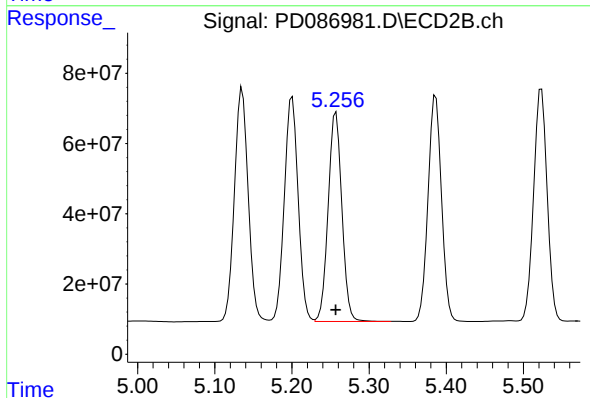
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 177664458
Conc: 52.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

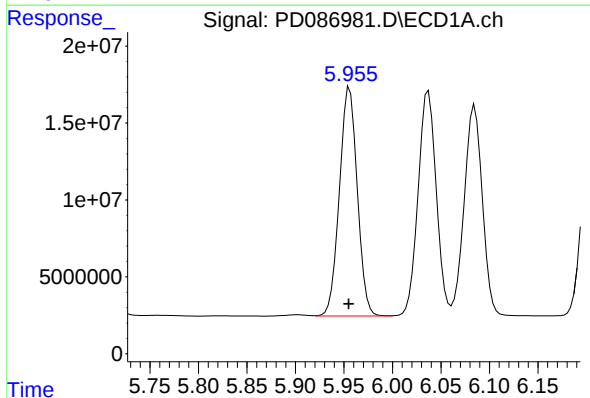
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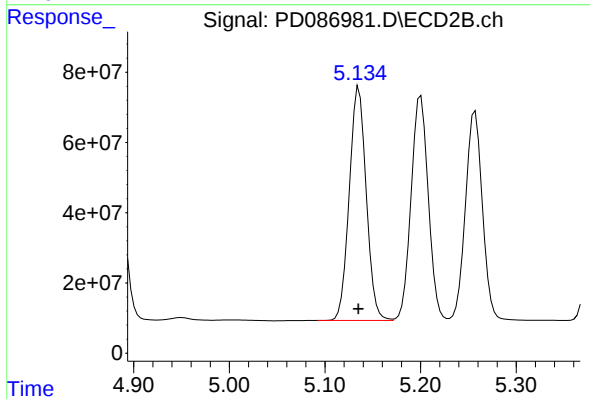
#9 Endosulfan I

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 739662467
Conc: 52.10 ng/ml



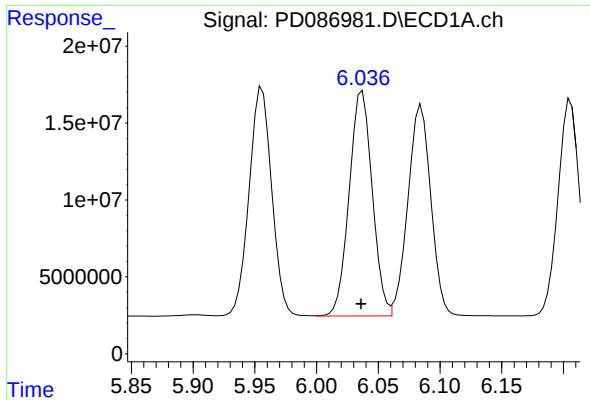
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 190468932
Conc: 53.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 823430470
Conc: 52.93 ng/ml



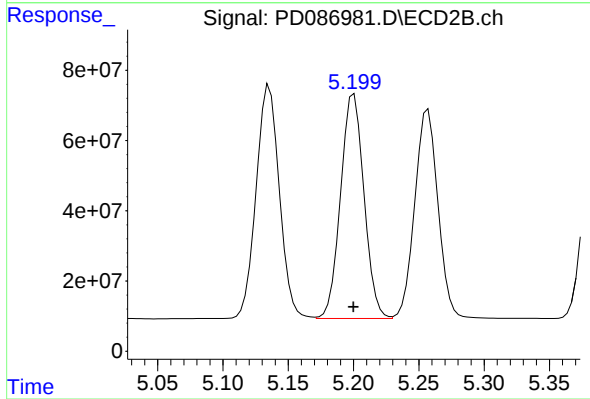
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.001 min
Response: 190307157
Conc: 53.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

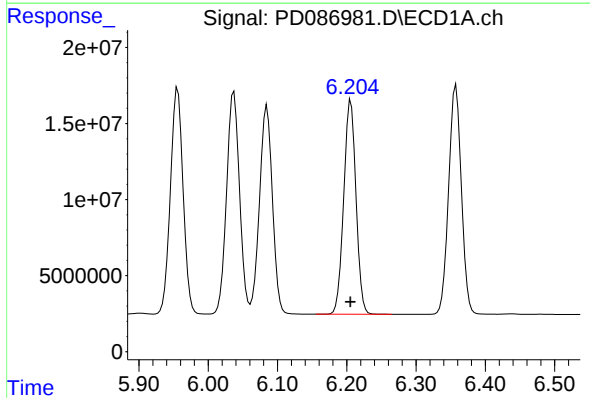
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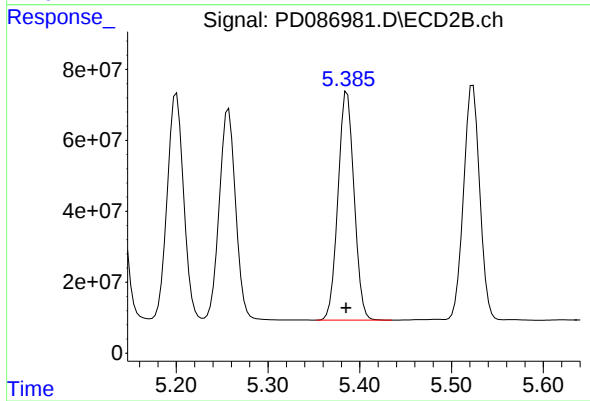
#11 alpha-Chlordane

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 797834299
Conc: 52.21 ng/ml



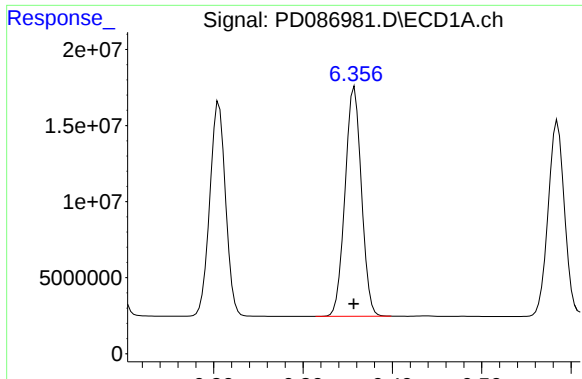
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 172959052
Conc: 53.16 ng/ml



#12 4,4'-DDE

R.T.: 5.386 min
Delta R.T.: 0.001 min
Response: 784296832
Conc: 52.03 ng/ml



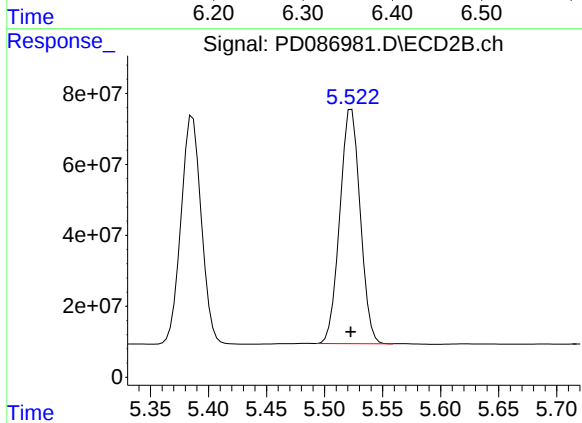
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 192182557
Conc: 53.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

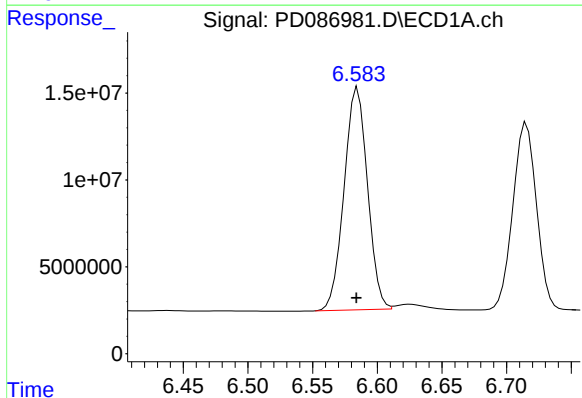
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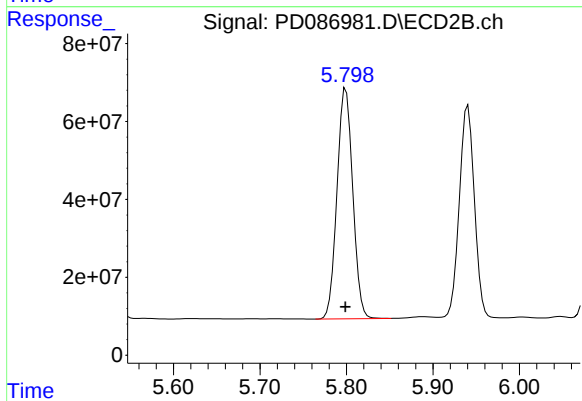
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 808745518
Conc: 51.94 ng/ml



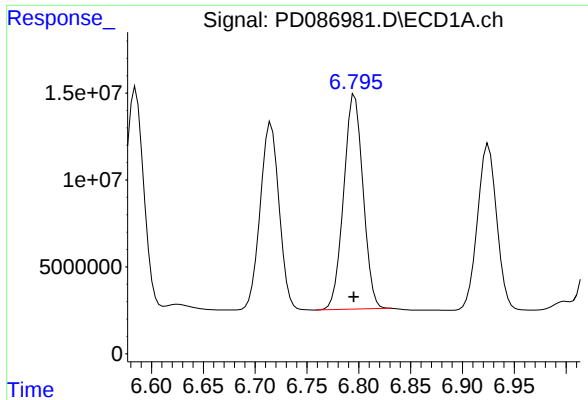
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 161119959
Conc: 53.25 ng/ml m



#14 Endrin

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 744781492
Conc: 53.24 ng/ml



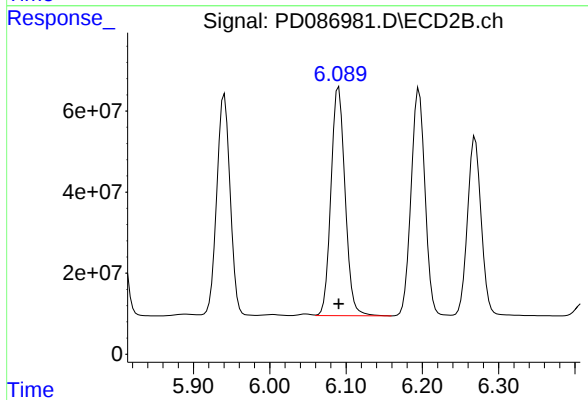
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 160326943
Conc: 53.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

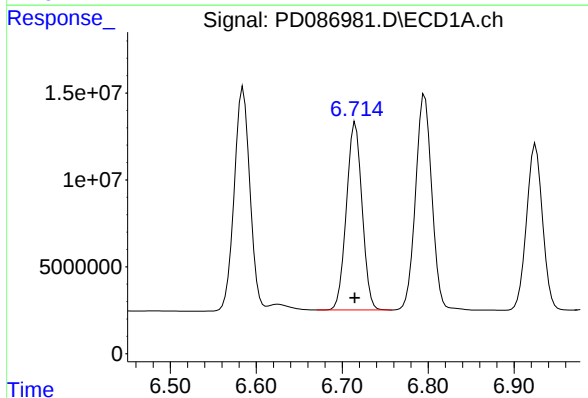
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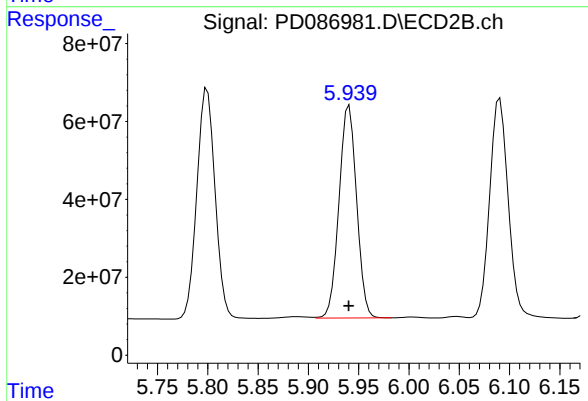
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 725000871
Conc: 52.67 ng/ml



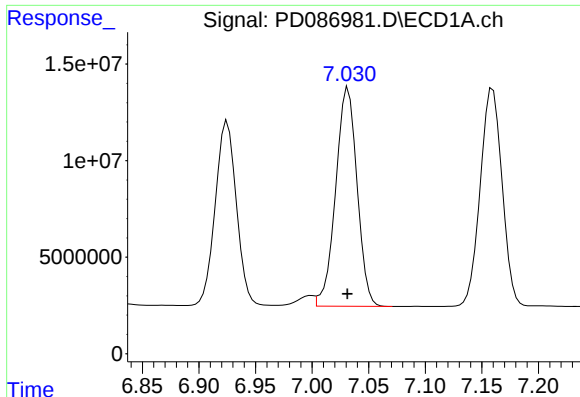
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 137167055
Conc: 52.76 ng/ml



#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 662915823
Conc: 52.74 ng/ml



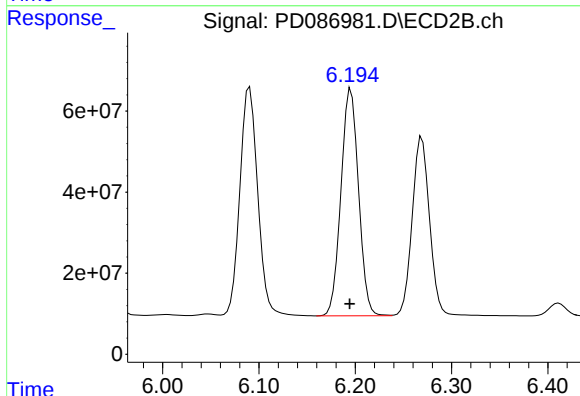
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 149290288
Conc: 52.85 ng/ml

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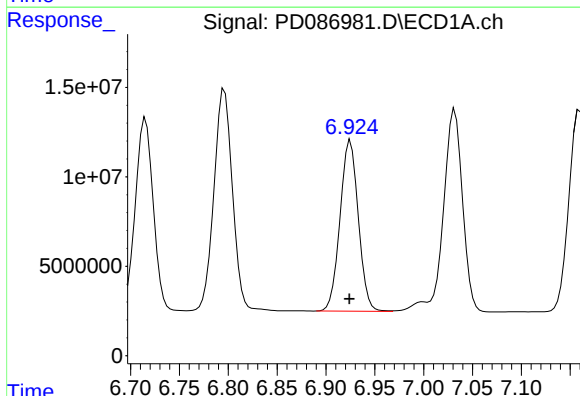
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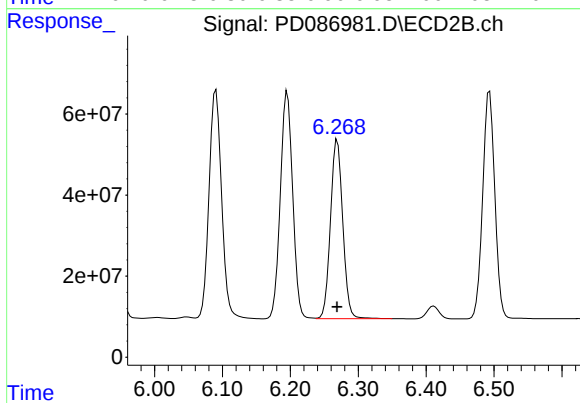
#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: 0.001 min
Response: 708882795
Conc: 53.16 ng/ml



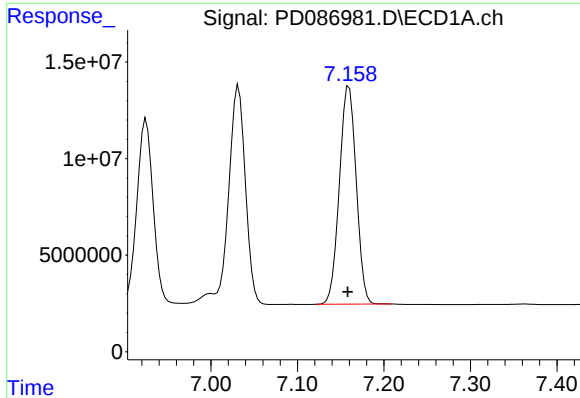
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 124592070
Conc: 50.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 554538585
Conc: 49.99 ng/ml



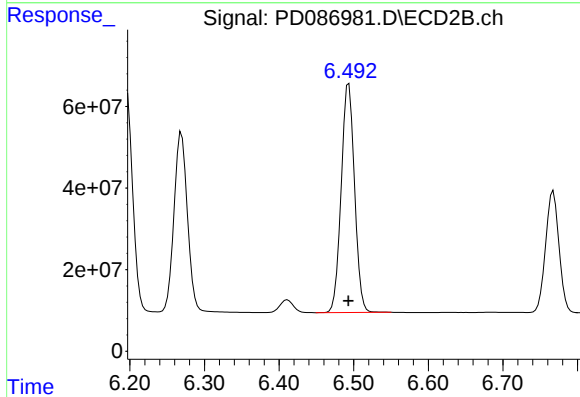
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 151799104
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

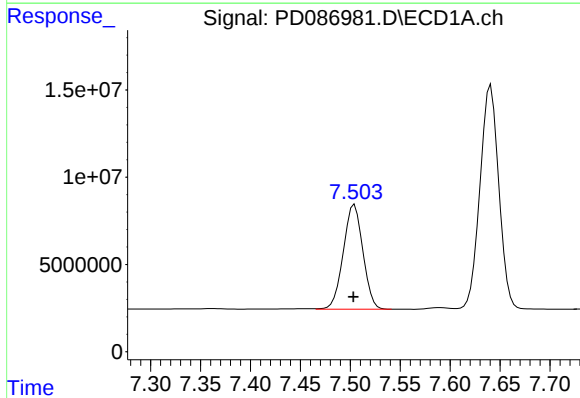
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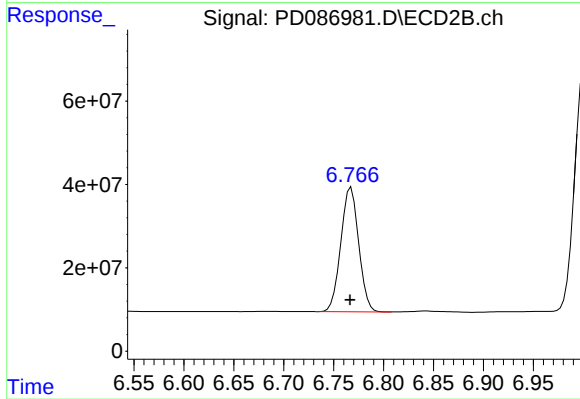
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 695788754
Conc: 51.43 ng/ml



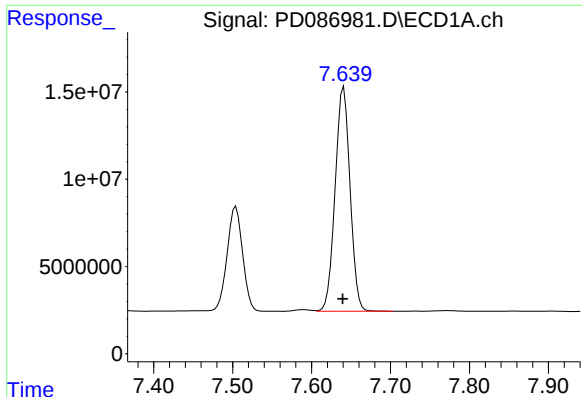
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.001 min
Response: 81798194
Conc: 51.15 ng/ml



#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 371641014
Conc: 51.81 ng/ml



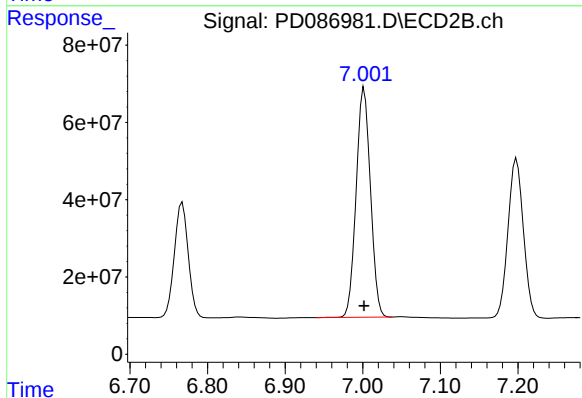
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.001 min
Response: 168736702
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

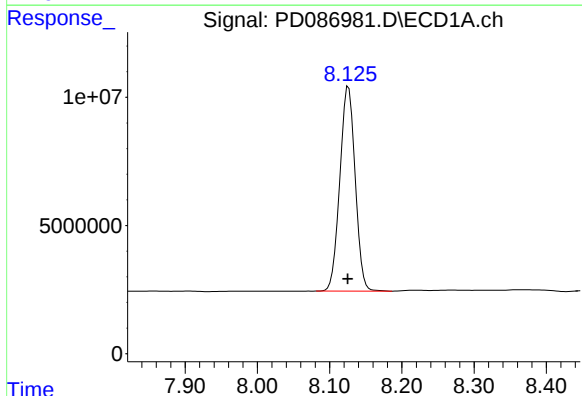
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



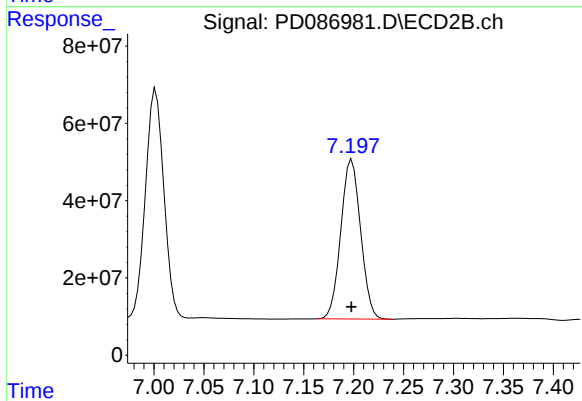
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 761201636
Conc: 50.51 ng/ml



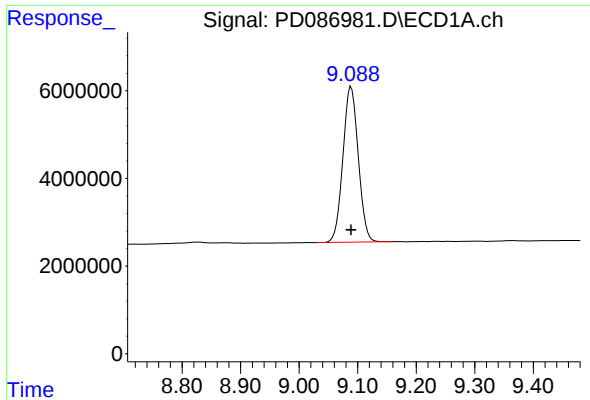
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 117344649
Conc: 47.03 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 569653946
Conc: 46.20 ng/ml



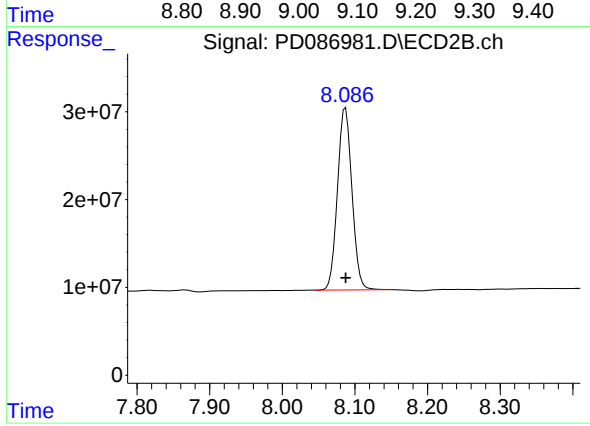
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 64730911
Conc: 20.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
001MSD

Manual Integrations
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Supervised By :Ankita Jodhani 12/02/2024



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 287360257
Conc: 20.62 ng/ml