

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072924\
 Data File : PD084120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2024 12:00
 Operator : AR\AJ
 Sample : P3379-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-PCS-01-072324MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2024
 Supervised By :Ankita Jodhani 07/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:38:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.561	2.771	19214149	106.9E6	18.791	18.588
28)	SA Decachlor...	9.112	7.894	37447996	114.3E6	16.404	17.799
Target Compounds							
2)	A alpha-BHC	4.018	3.270	89130896	403.9E6	45.375	45.556
3)	MA gamma-BHC...	4.353	3.597	91260497	399.4E6	47.223	49.948m
4)	MA Heptachlor	4.945	3.936	94134086	381.8E6	47.323	46.996
5)	MB Aldrin	5.288	4.215	99350057	371.8E6	48.819	46.311
6)	B beta-BHC	4.550	3.896	36796812	163.0E6	46.390	46.321
7)	B delta-BHC	4.797	4.124	95016142	403.2E6	52.261m	48.458
8)	B Heptachlo...	5.714	4.716	93531724	358.6E6	52.466m	49.899
9)	A Endosulfan I	6.103	5.085	91492463	338.5E6	47.318	49.085
10)	B gamma-Chl...	5.972	4.965	93268503	358.8E6	46.646	47.337
11)	B alpha-Chl...	6.052	5.029	93563195	357.1E6	46.921	47.816
12)	B 4,4'-DDE	6.222	5.217	92953099	348.1E6	46.628m	48.854
13)	MA Dieldrin	6.378	5.349	97599185	364.4E6	47.314	48.536
14)	MA Endrin	6.608	5.624	84651655	318.4E6	47.427m	48.150
15)	B Endosulfa...	6.829	5.918	87879576	305.7E6	46.022	47.840
16)	A 4,4'-DDD	6.743	5.771	71279003	269.4E6	47.051	48.643
17)	MA 4,4'-DDT	7.057	6.021	75257516	276.8E6	43.818	48.256
18)	B Endrin al...	6.960	6.097	68351155	241.3E6	46.532	48.078
19)	B Endosulfa...	7.194	6.318	84389756	297.1E6	46.456	48.546m
20)	A Methoxychlor	7.534	6.594	44436997	141.0E6	45.099	47.789m
21)	B Endrin ke...	7.681	6.825	96680031	331.1E6	46.813	48.912
22)	Mirex	8.156	7.004	70289503	248.6E6	43.158	45.869

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072924\
Data File : PD084120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2024 12:00
Operator : AR\AJ
Sample : P3379-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

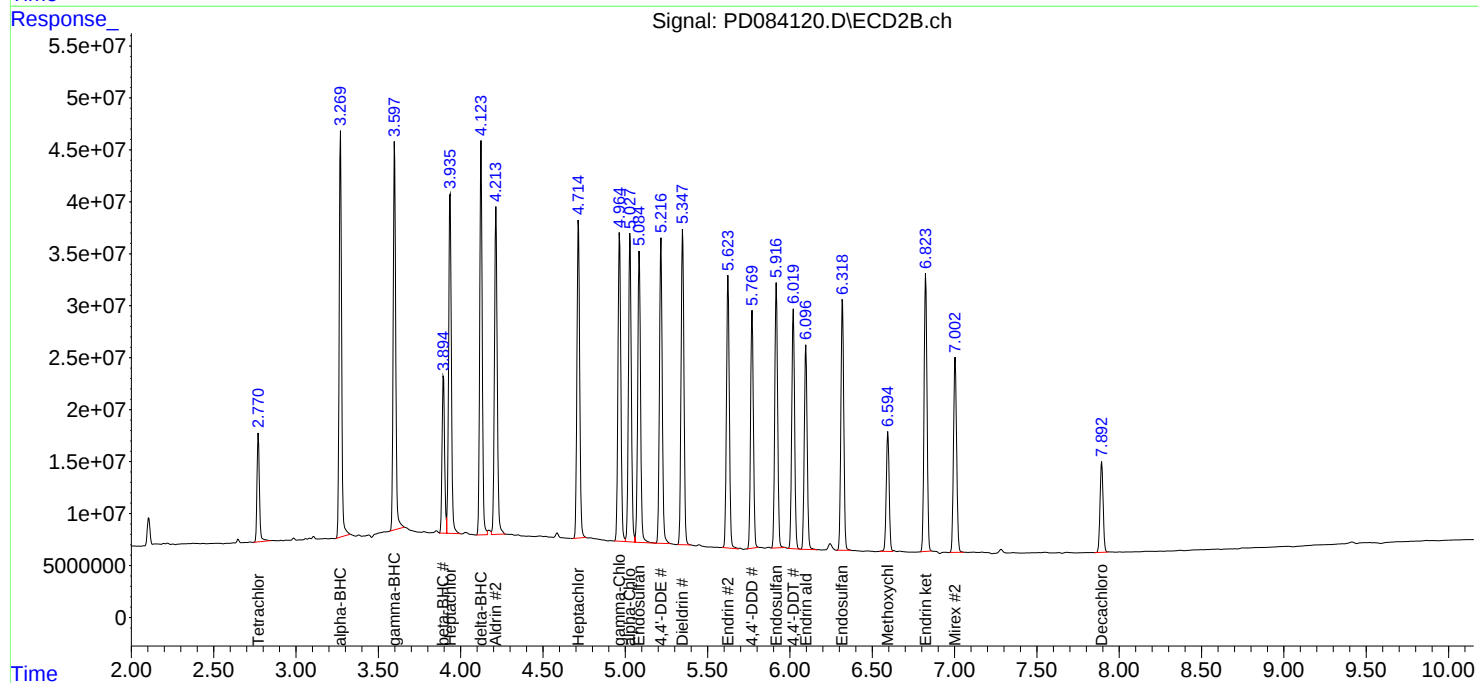
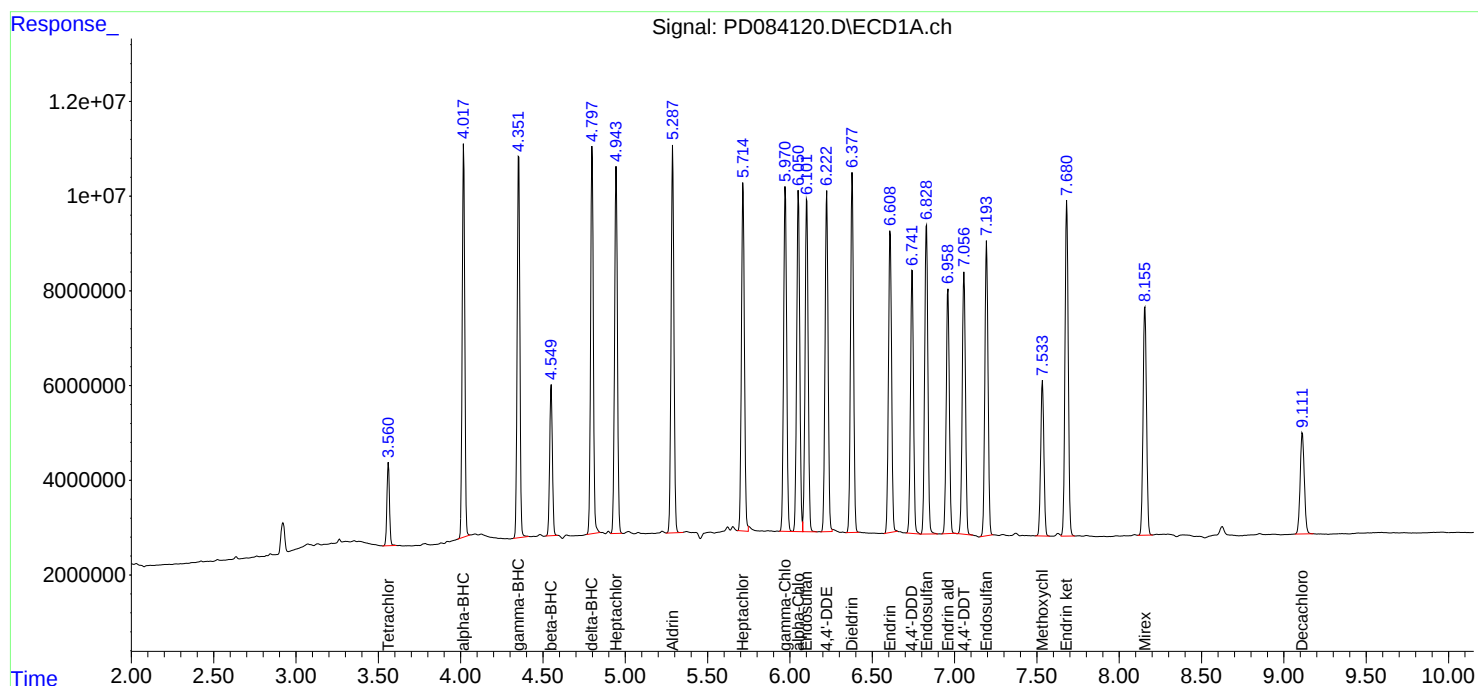
Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

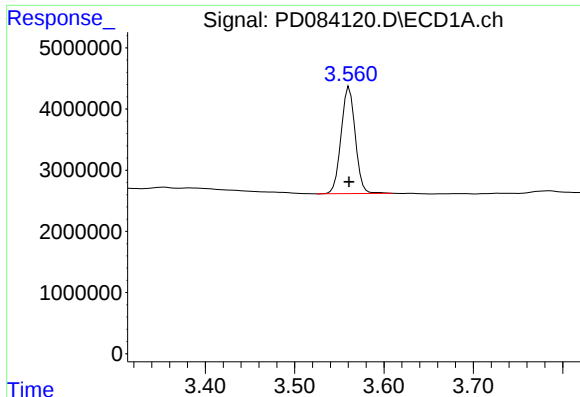
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 02:38:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
Response 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





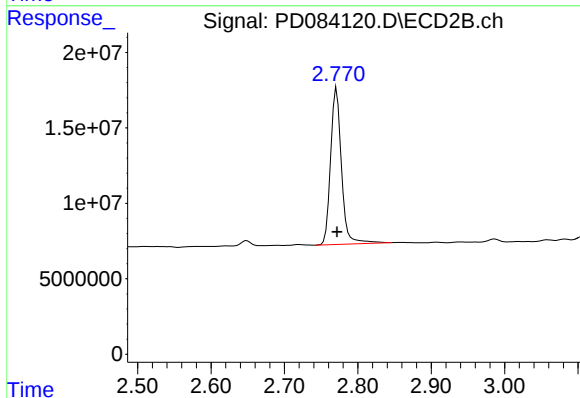
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 19214149
Conc: 18.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

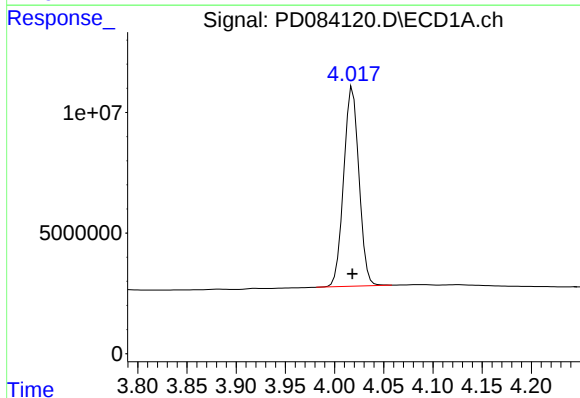
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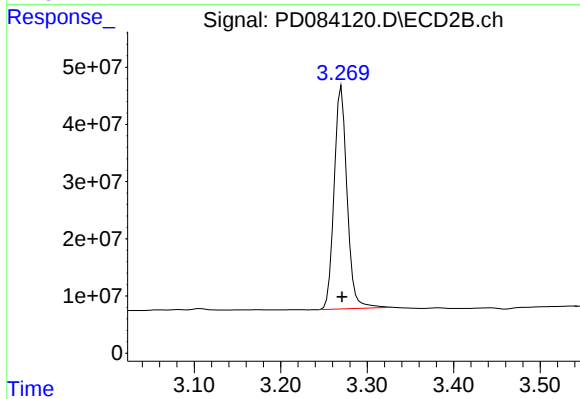
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 106871325
Conc: 18.59 ng/ml



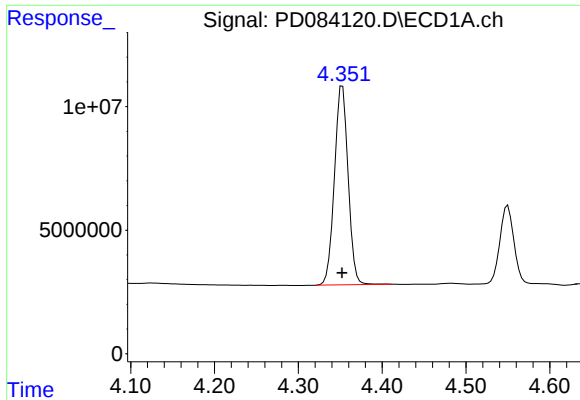
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 89130896
Conc: 45.37 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 403885555
Conc: 45.56 ng/ml



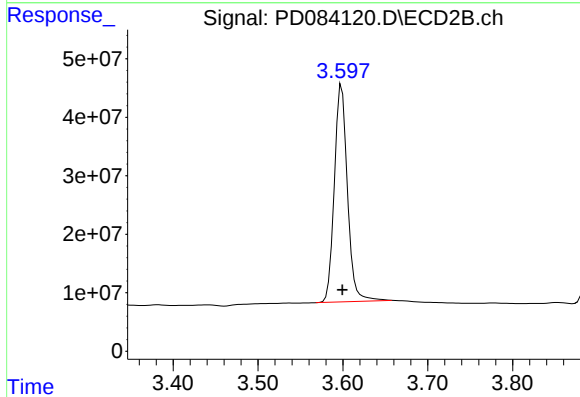
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 91260497
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

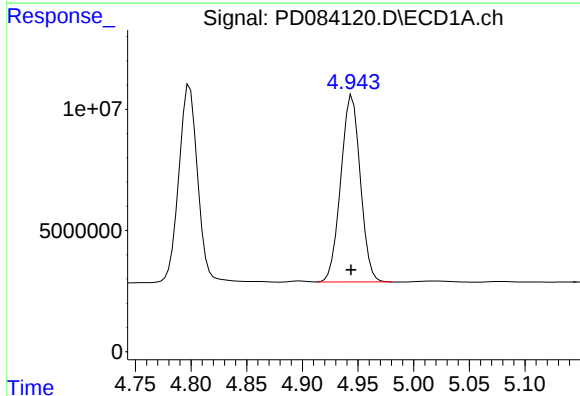
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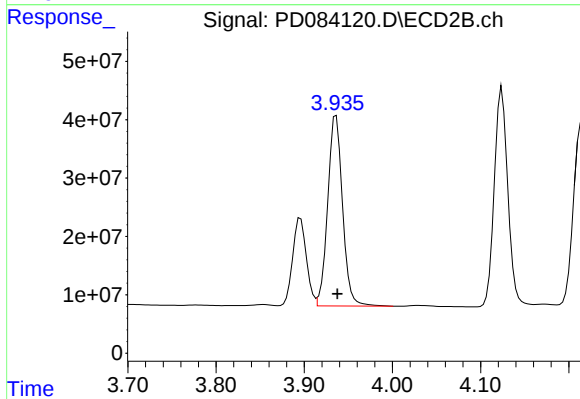
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.002 min
Response: 399368545
Conc: 49.95 ng/ml m



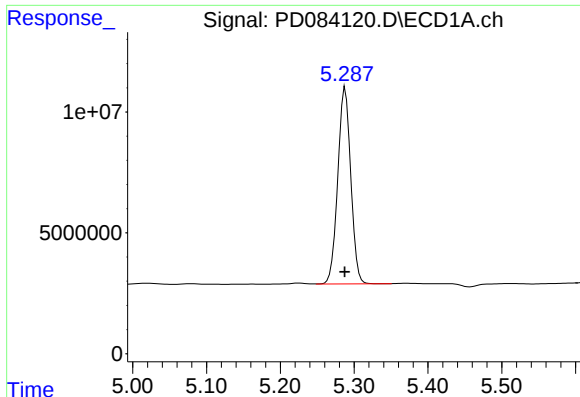
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 94134086
Conc: 47.32 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 381765761
Conc: 47.00 ng/ml



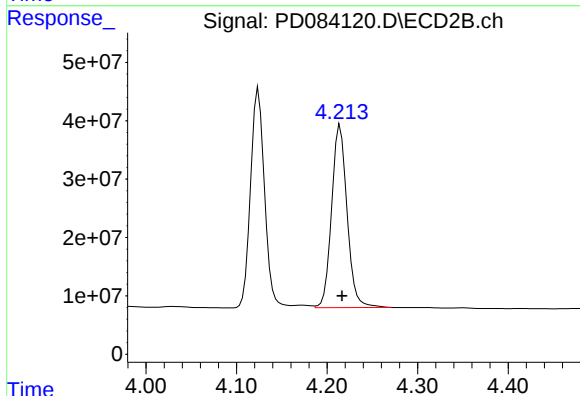
#5 Aldrin

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 99350057
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

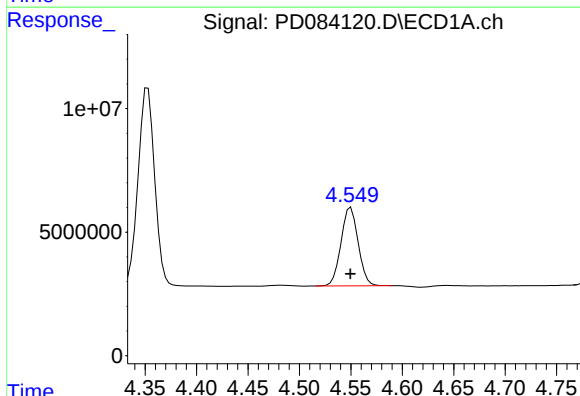
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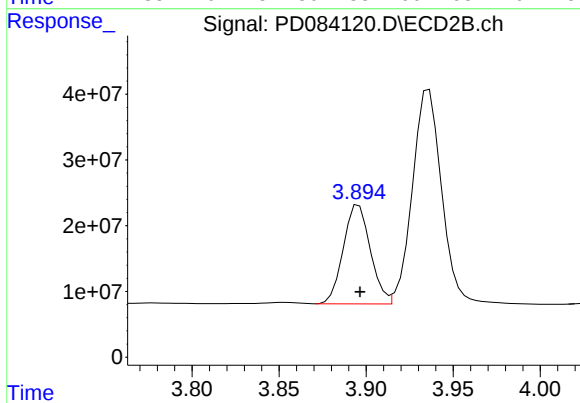
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 371831046
Conc: 46.31 ng/ml



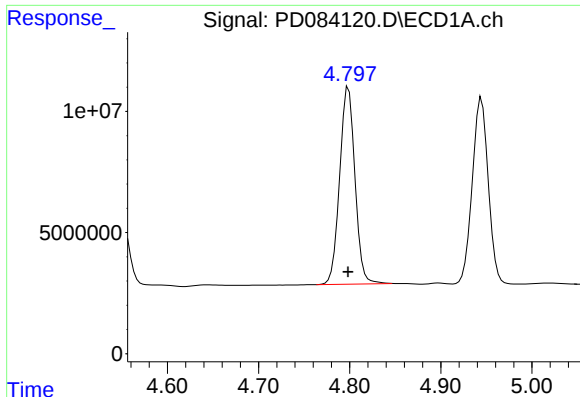
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 36796812
Conc: 46.39 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 162982026
Conc: 46.32 ng/ml



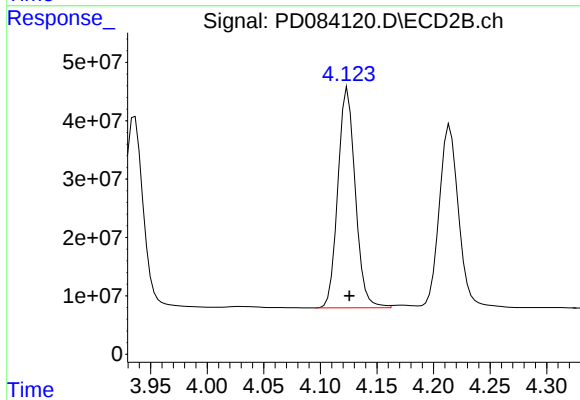
#7 delta-BHC

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 95016142
Conc: 52.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

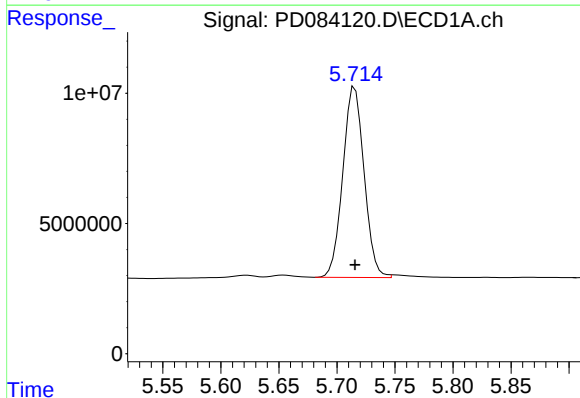
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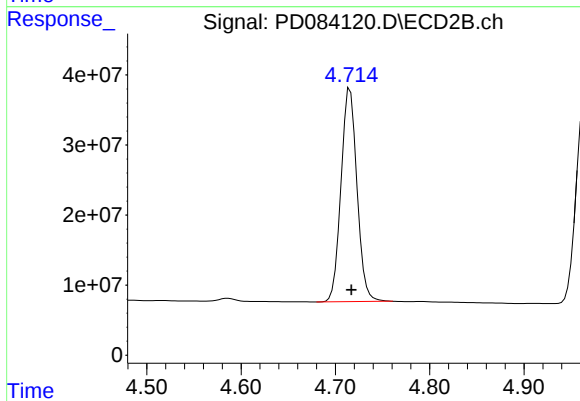
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 403187254
Conc: 48.46 ng/ml



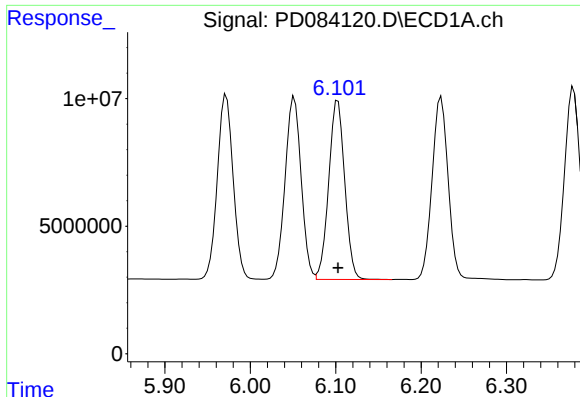
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 93531724
Conc: 52.47 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 358611891
Conc: 49.90 ng/ml



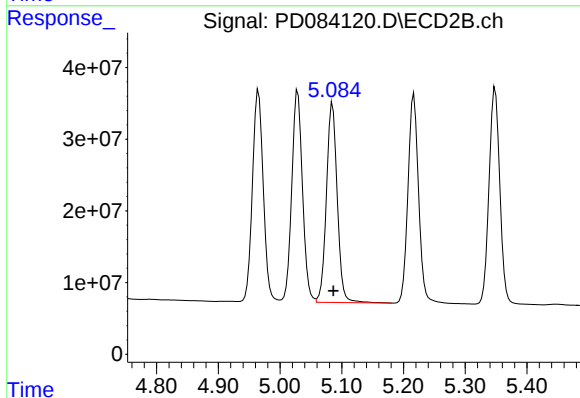
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 91492463
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

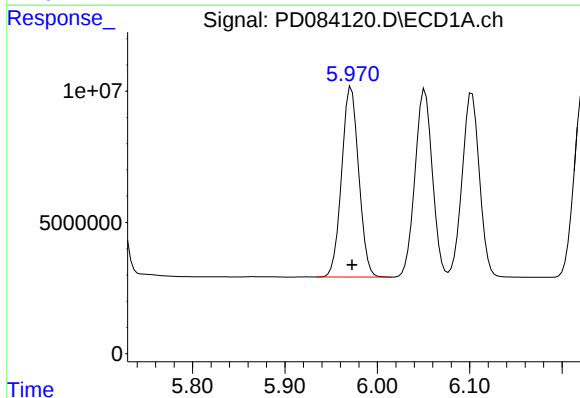
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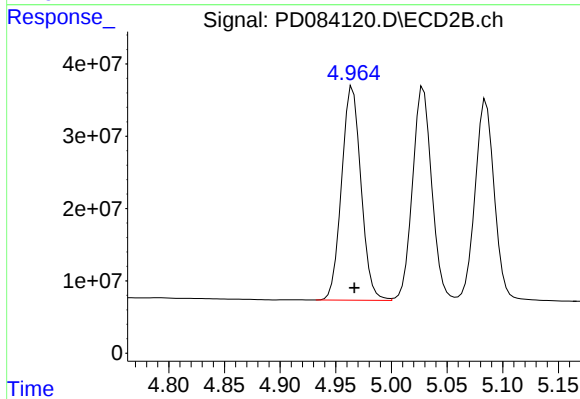
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 338497917
Conc: 49.08 ng/ml



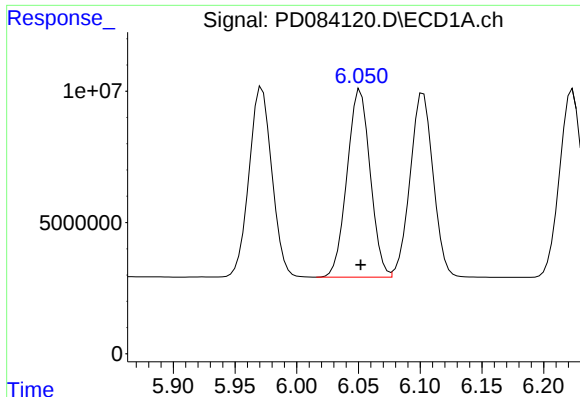
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 93268503
Conc: 46.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 358849335
Conc: 47.34 ng/ml



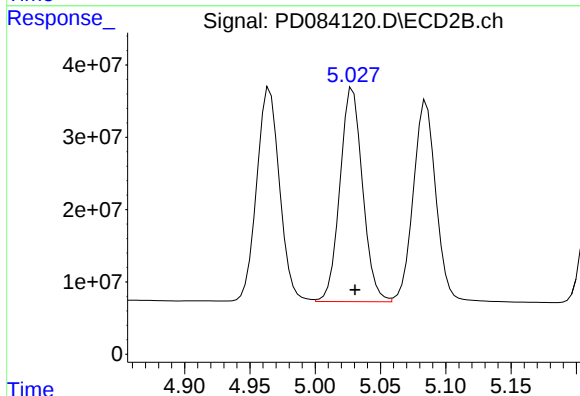
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 93563195
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

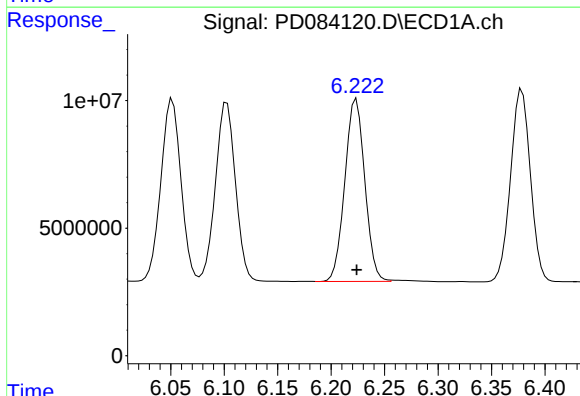
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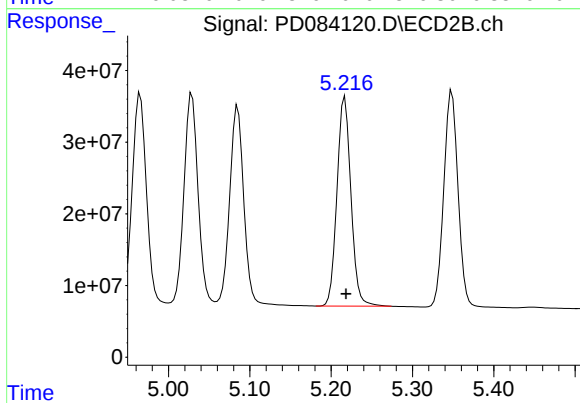
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 357072739
Conc: 47.82 ng/ml



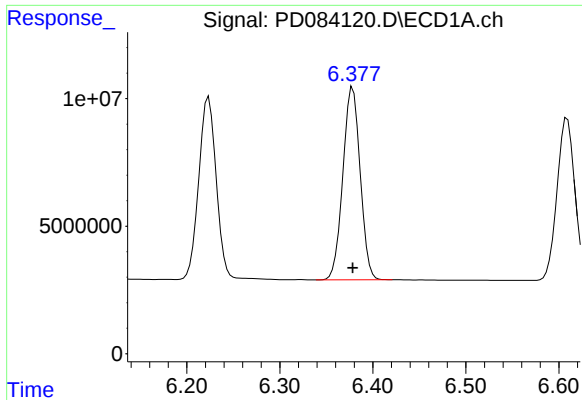
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 92953099
Conc: 46.63 ng/ml m



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 348069156
Conc: 48.85 ng/ml



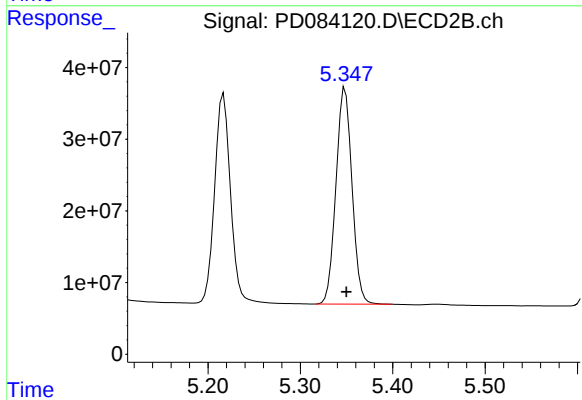
#13 Dieldrin

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 97599185
Conc: 47.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

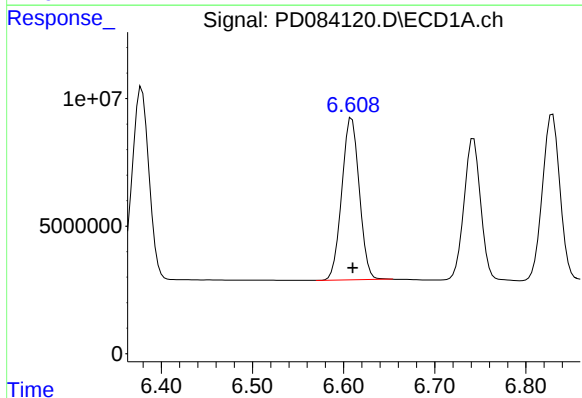
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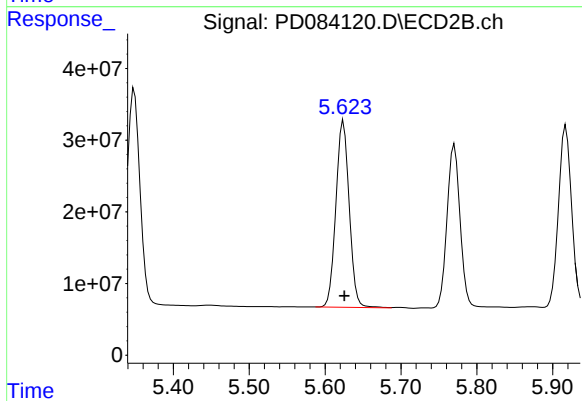
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 364414373
Conc: 48.54 ng/ml



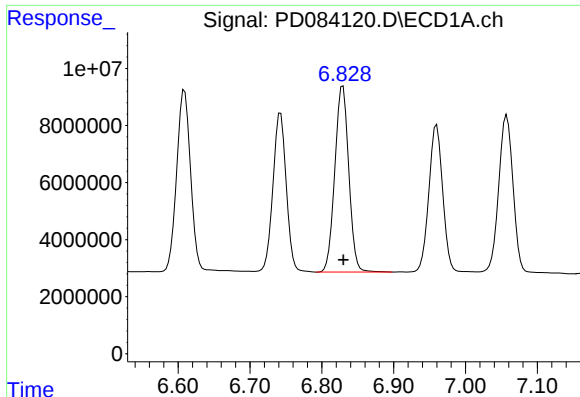
#14 Endrin

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 84651655
Conc: 47.43 ng/ml m



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 318420030
Conc: 48.15 ng/ml



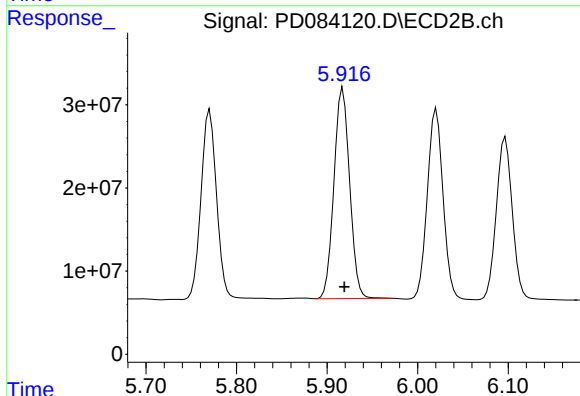
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 87879576
Conc: 46.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

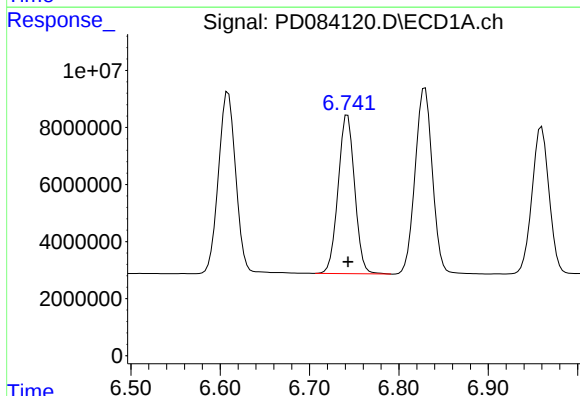
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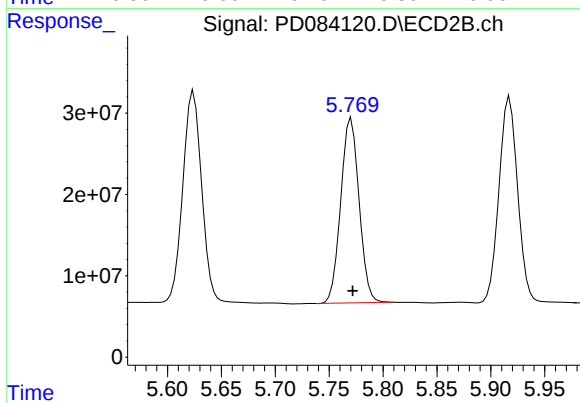
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 305651704
Conc: 47.84 ng/ml



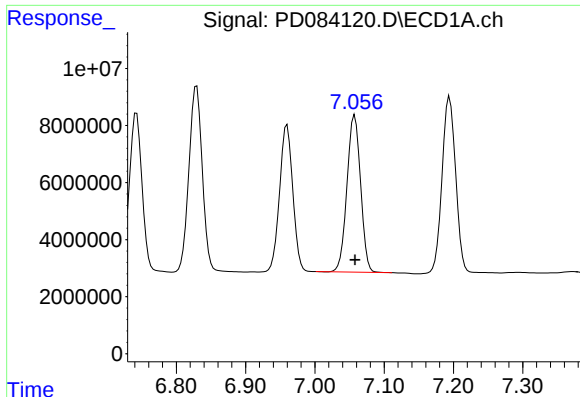
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 71279003
Conc: 47.05 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 269415519
Conc: 48.64 ng/ml



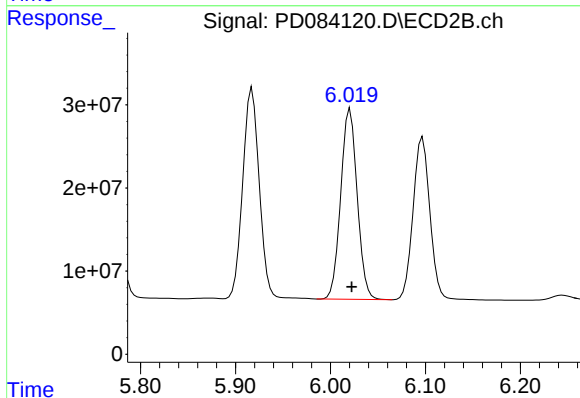
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 75257516
Conc: 43.82 ng/ml

Instrument :
ECD_D
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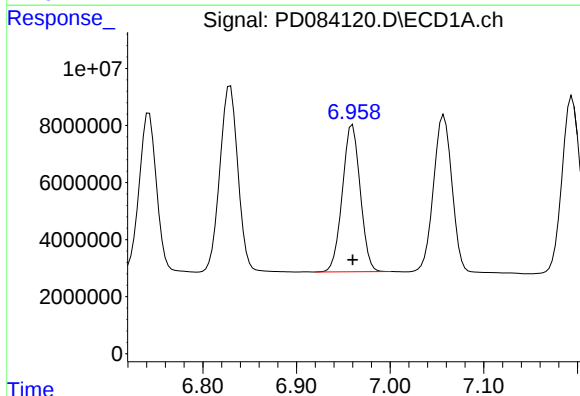
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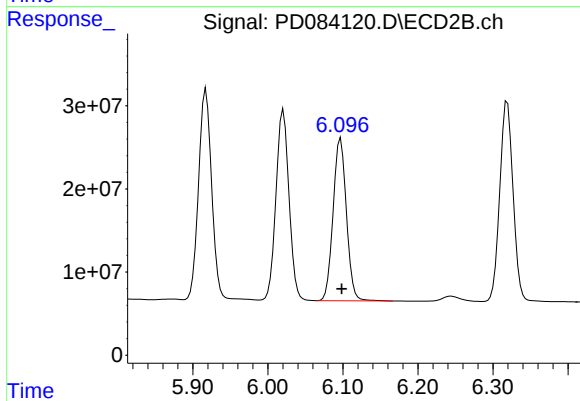
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 276794597
Conc: 48.26 ng/ml



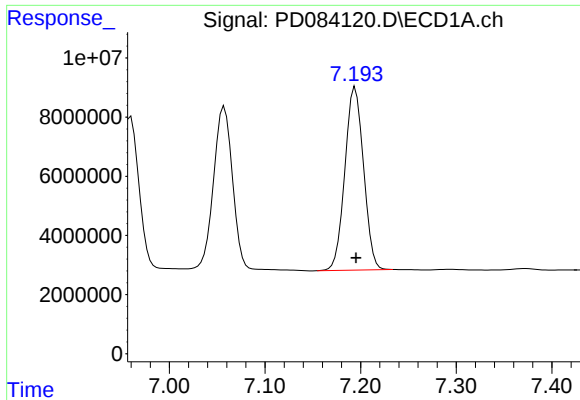
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 68351155
Conc: 46.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 241269619
Conc: 48.08 ng/ml



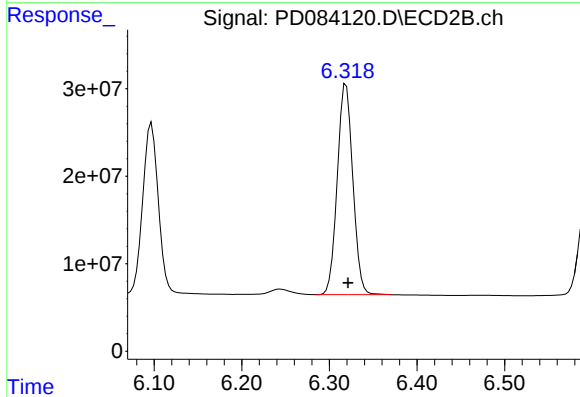
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 84389756
Conc: 46.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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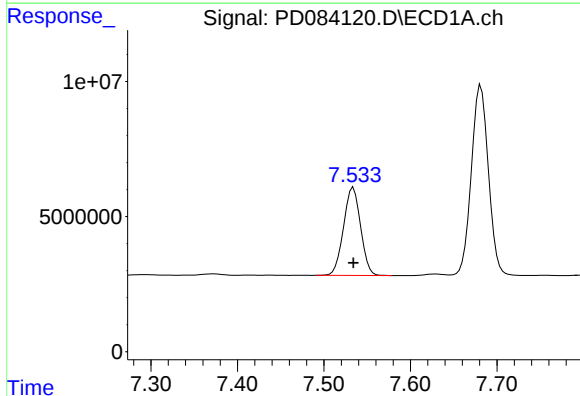
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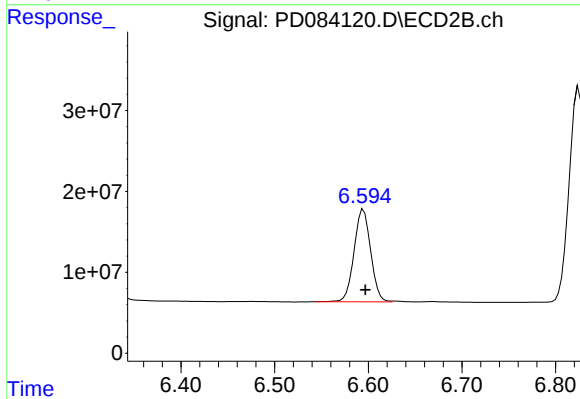
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 297103777
Conc: 48.55 ng/ml m



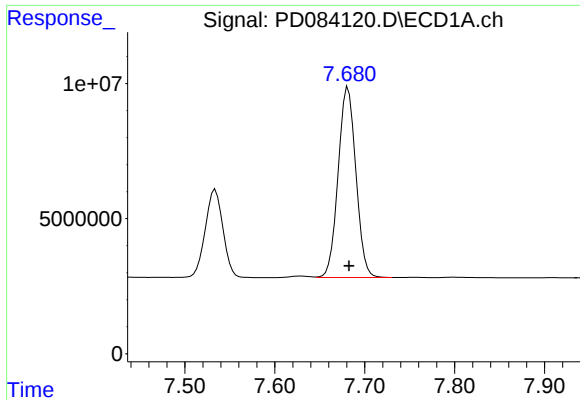
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 44436997
Conc: 45.10 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 140968439
Conc: 47.79 ng/ml m



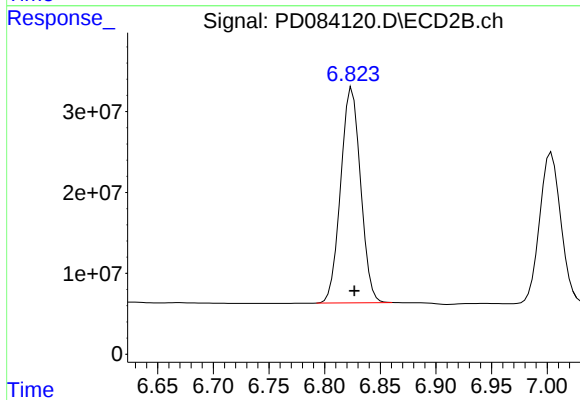
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 96680031
Conc: 46.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

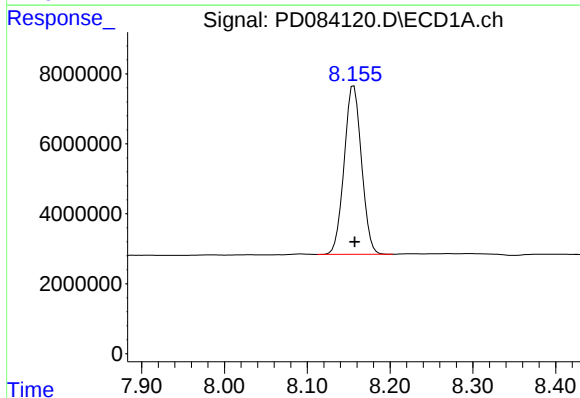
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2024
Supervised By :Ankita Jodhani 07/30/2024



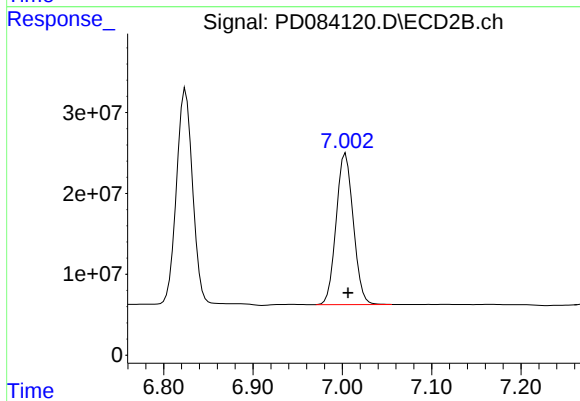
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 331144980
Conc: 48.91 ng/ml



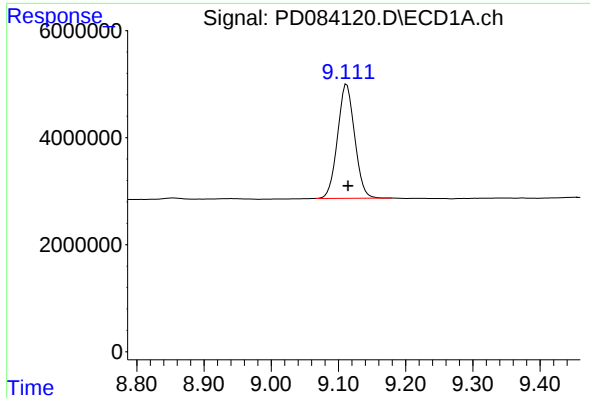
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 70289503
Conc: 43.16 ng/ml



#22 Mirex

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 248574013
Conc: 45.87 ng/ml



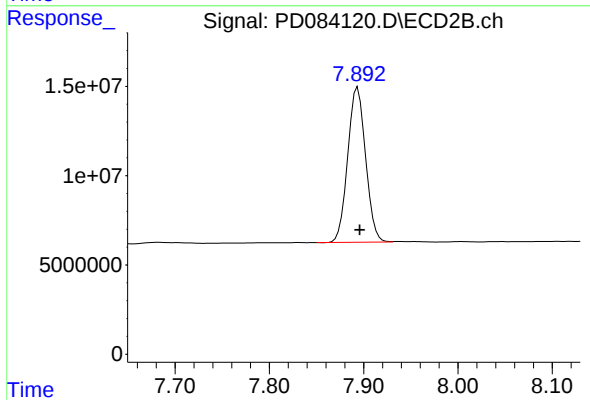
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 37447996
Conc: 16.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-PCS-01-072324MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2024
Supervised By :Ankita Jodhani 07/30/2024



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 114308060
Conc: 17.80 ng/ml