

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
 Data File : PD088294.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 10:45
 Operator : AR\AJ
 Sample : Q1858-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/29/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 02:18:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 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...	3.550	2.881	33538501	248.3E6	16.791	16.982
28)	SA Decachlor...	9.071	8.074	50277849	232.8E6	15.198m	12.595
Target Compounds							
2)	A alpha-BHC	3.999	3.394	188.1E6	946.3E6	43.629	41.394
3)	MA gamma-BHC...	4.329	3.730	186.2E6	861.2E6	44.465	39.985
4)	MA Heptachlor	4.929	4.084	170.6E6	846.2E6	42.234	39.547
5)	MB Aldrin	5.271	4.370	172.9E6	833.3E6	43.771	40.059
6)	B beta-BHC	4.515	4.026	64797944	410.3E6	39.915	44.342
7)	B delta-BHC	4.763	4.263	185.6E6	862.5E6	45.001	40.567
8)	B Heptachlo...	5.690	4.874	155.6E6	751.6E6	43.545	39.777
9)	A Endosulfan I	6.073	5.249	150.0E6	672.1E6	44.426	37.313
10)	B gamma-Chl...	5.945	5.127	158.2E6	844.5E6	43.674	41.607
11)	B alpha-Chl...	6.026	5.192	159.1E6	795.0E6	44.076	40.557
12)	B 4,4'-DDE	6.195	5.377	130.1E6	761.5E6	39.455	38.669
13)	MA Dieldrin	6.346	5.513	157.0E6	772.5E6	43.997	38.755m
14)	MA Endrin	6.574	5.791	129.3E6	711.9E6	43.345	39.112
15)	B Endosulfa...	6.785	6.080	129.8E6	677.5E6	41.527	38.667m
16)	A 4,4'-DDD	6.704	5.931	107.1E6	602.3E6	42.589	36.756
17)	MA 4,4'-DDT	7.020	6.183	111.8E6	616.4E6	40.259	36.223m
18)	B Endrin al...	6.914	6.258	100.4E6	495.8E6	43.521	37.276m
19)	B Endosulfa...	7.148	6.483	121.3E6	620.6E6	42.182	36.222
20)	A Methoxychlor	7.490	6.756	56419089	307.5E6	37.624m	33.713
21)	B Endrin ke...	7.629	6.992	119.6E6	613.7E6	38.742	32.810
22)	Mirex	8.111	7.187	98932115	484.1E6	42.129m	32.662

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
Data File : PD088294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:45
Operator : AR\AJ
Sample : Q1858-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

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Manual Integrations

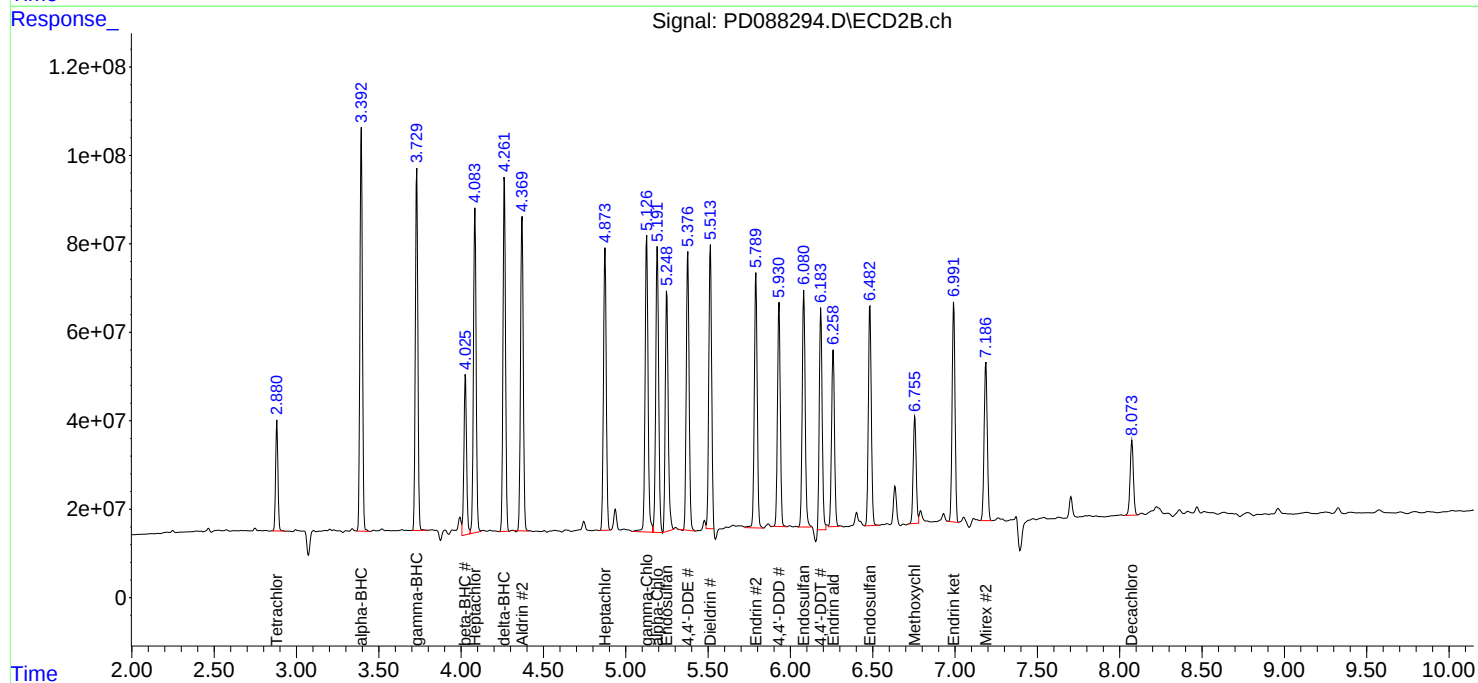
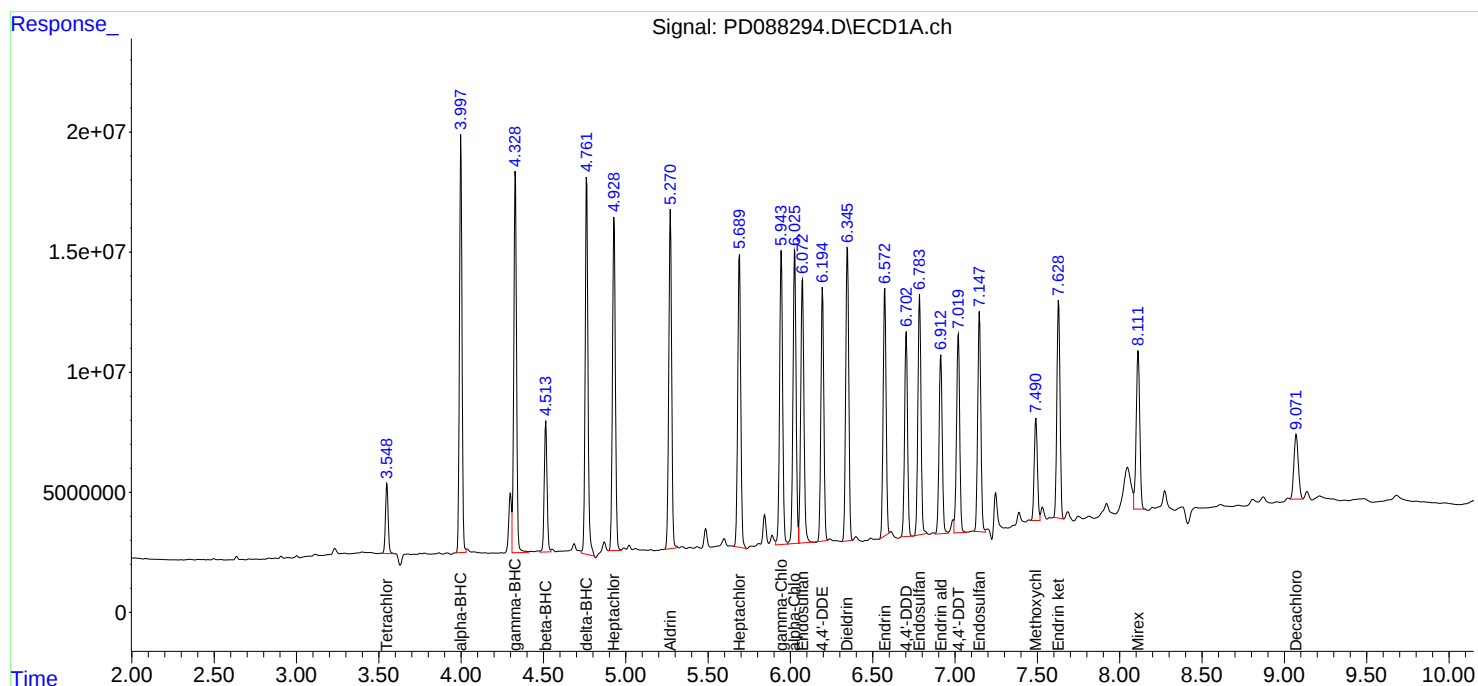
APPROVED

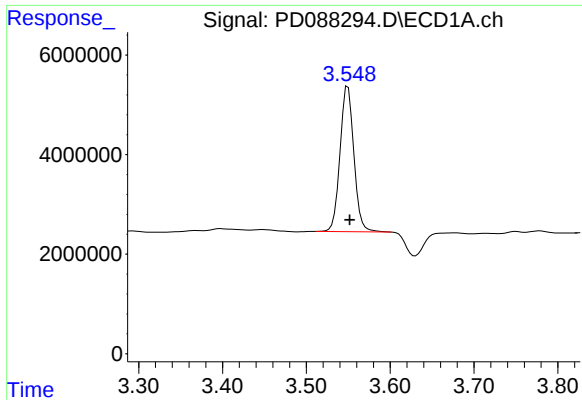
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 02:18:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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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





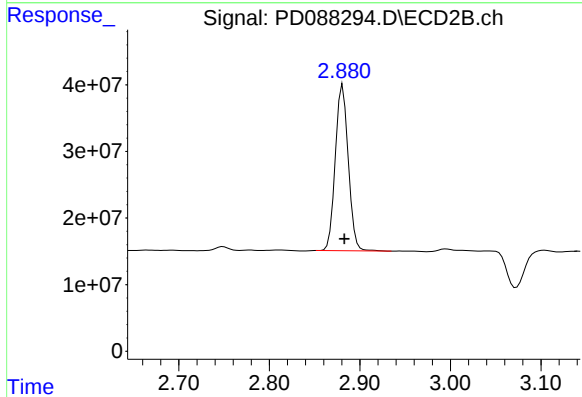
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 33538501
Conc: 16.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

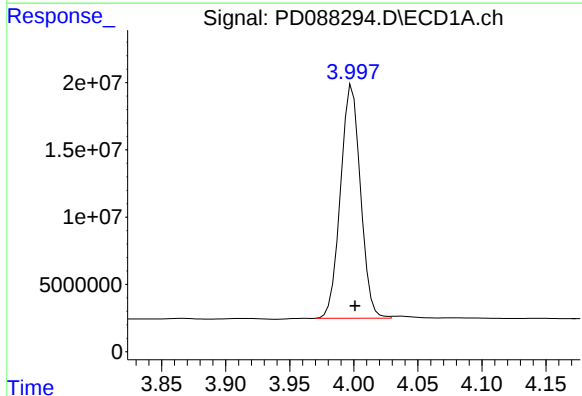
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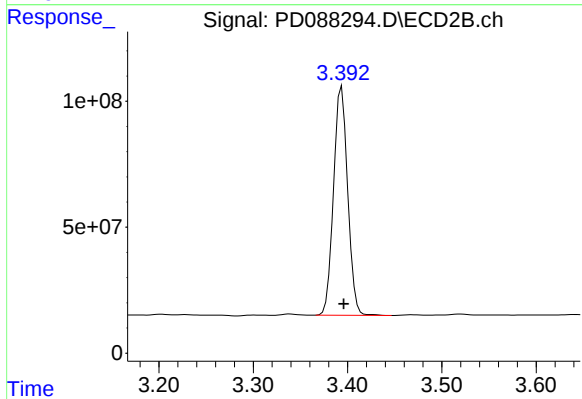
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 248299977
Conc: 16.98 ng/ml



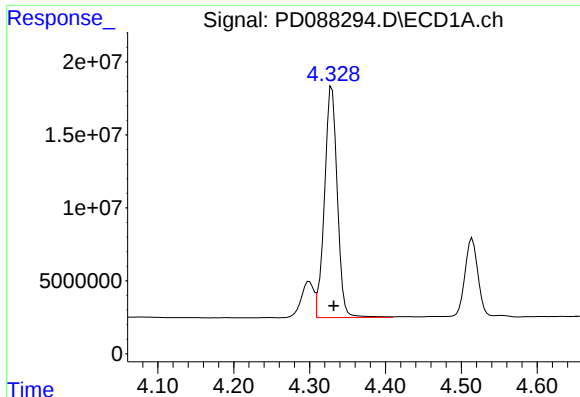
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 188127411
Conc: 43.63 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 946330145
Conc: 41.39 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 186197583
Conc: 44.47 ng/ml

Instrument :

ECD_D

ClientSampleId :

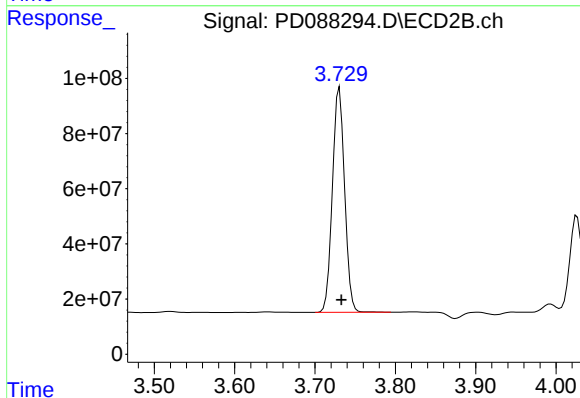
COMP-2MSD

Manual Integrations

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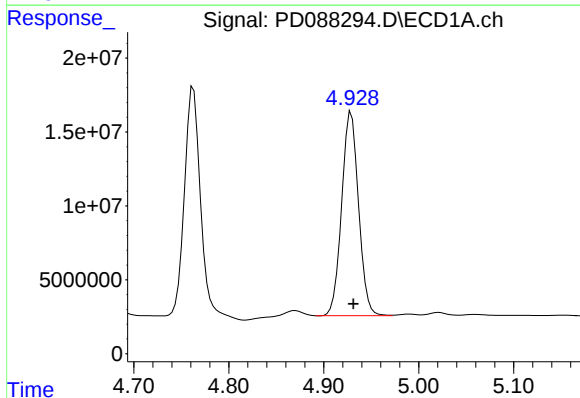
Reviewed By :Abdul Mirza 04/29/2025

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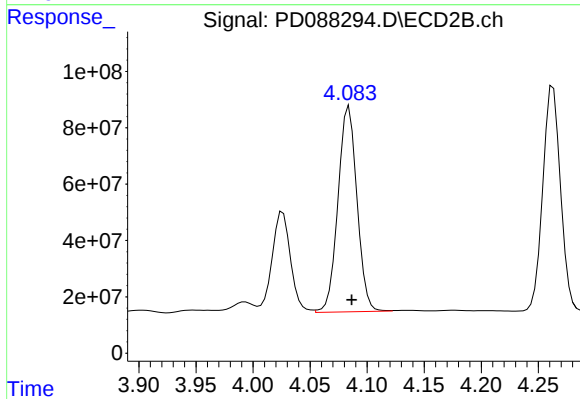
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.002 min
Response: 861223797
Conc: 39.98 ng/ml



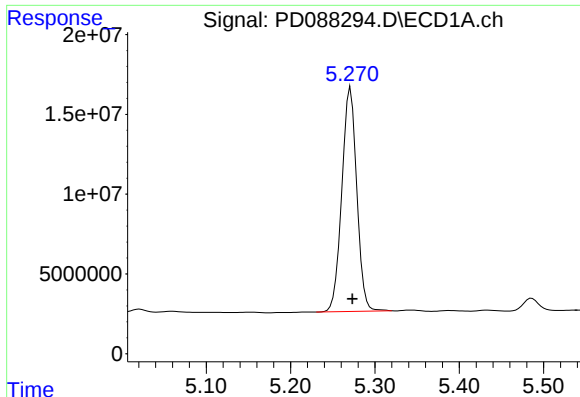
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 170581000
Conc: 42.23 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: -0.002 min
Response: 846227235
Conc: 39.55 ng/ml



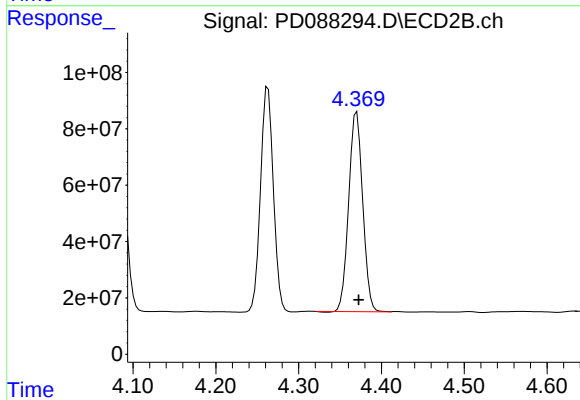
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 172877684
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

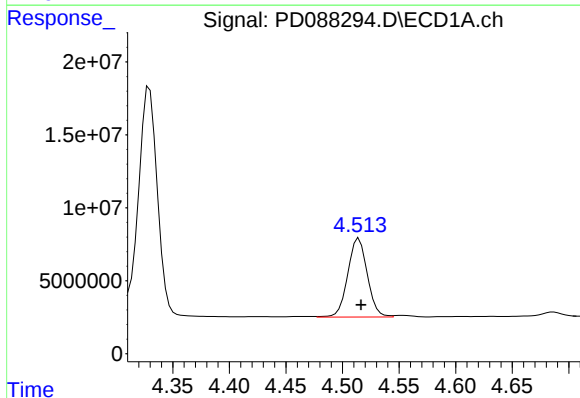
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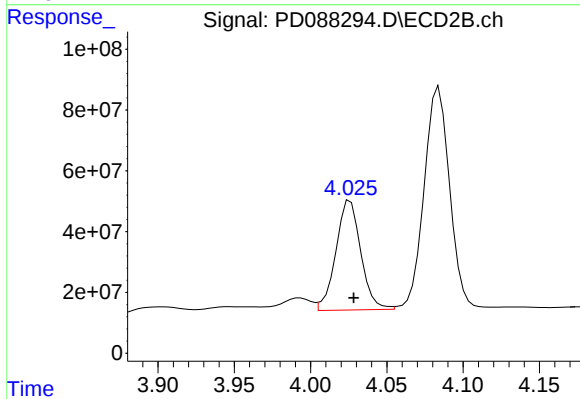
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 833337504
Conc: 40.06 ng/ml



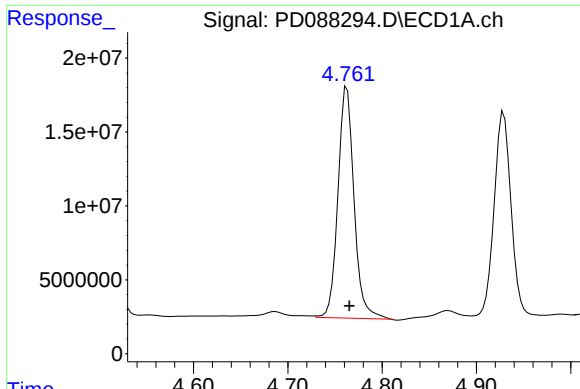
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 64797944
Conc: 39.92 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 410342061
Conc: 44.34 ng/ml



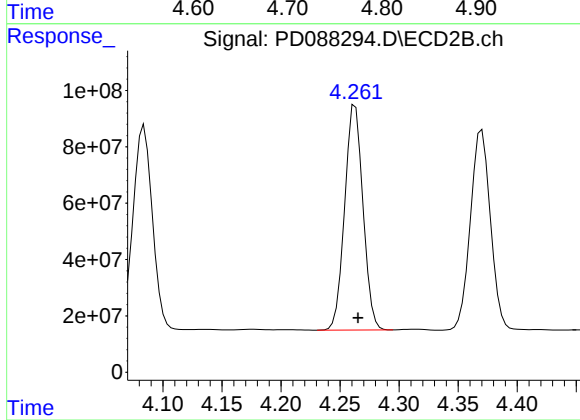
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 185626518
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

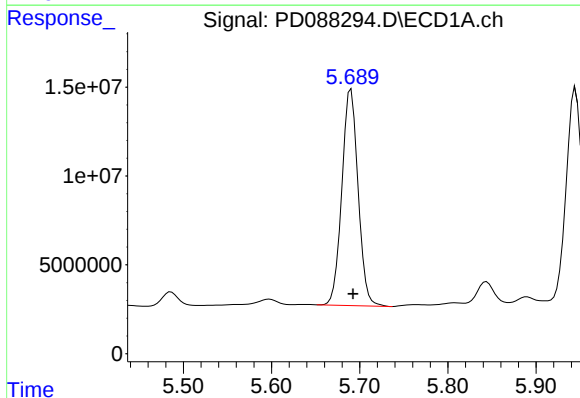
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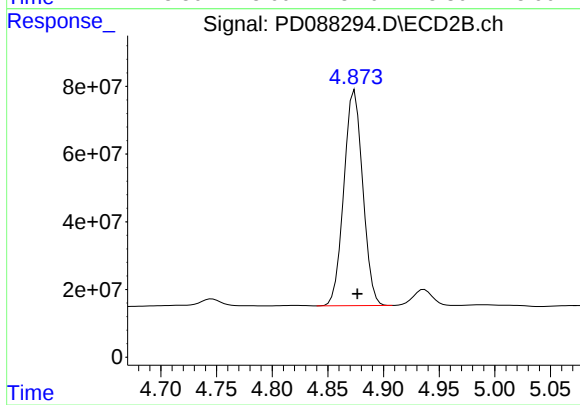
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 862511456
Conc: 40.57 ng/ml



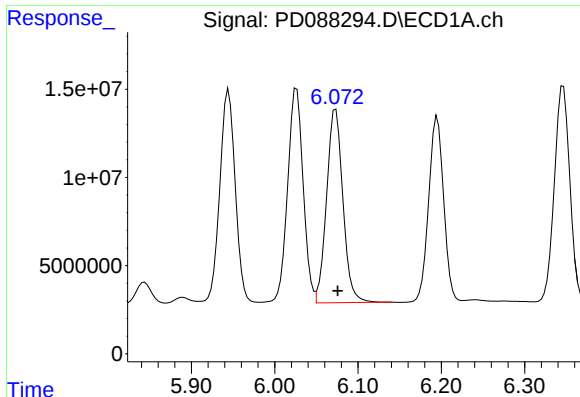
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 155627841
Conc: 43.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 751557140
Conc: 39.78 ng/ml



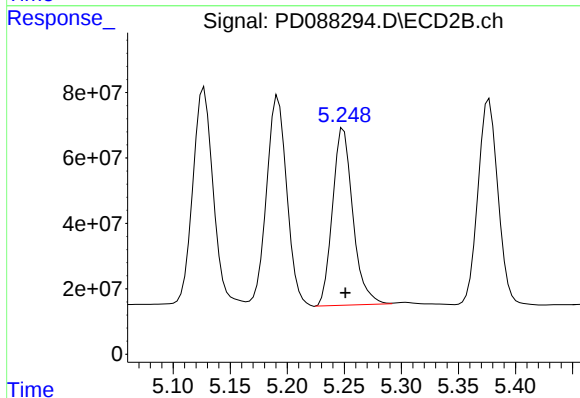
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 150032683
Conc: 44.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

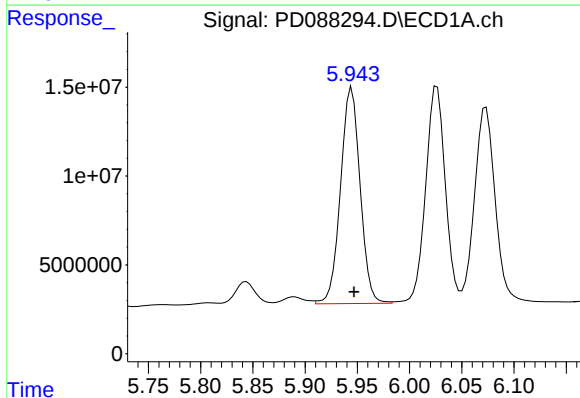
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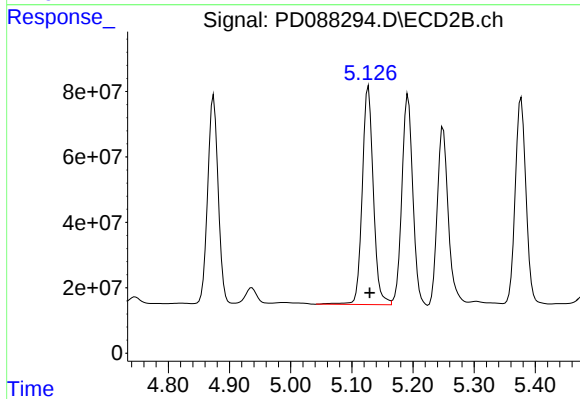
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 672094244
Conc: 37.31 ng/ml



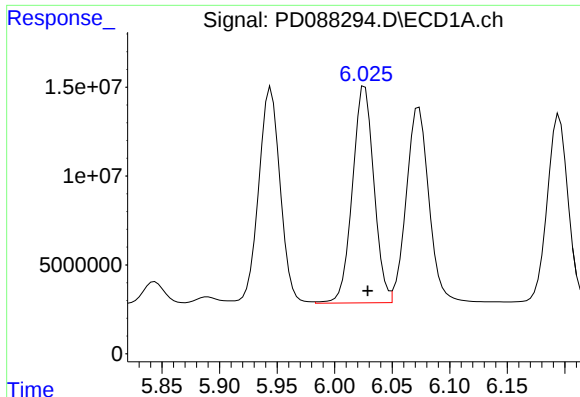
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 158188948
Conc: 43.67 ng/ml



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 844457322
Conc: 41.61 ng/ml



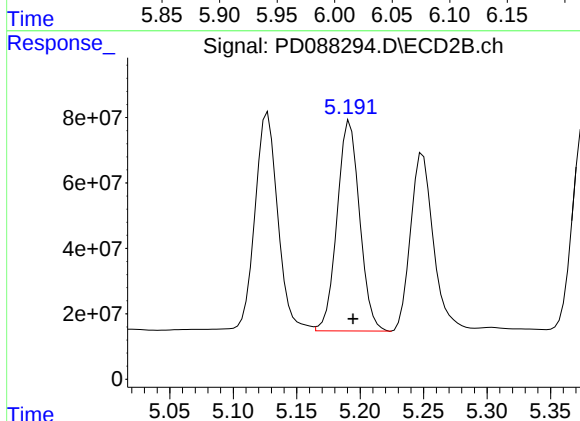
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 159096573
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

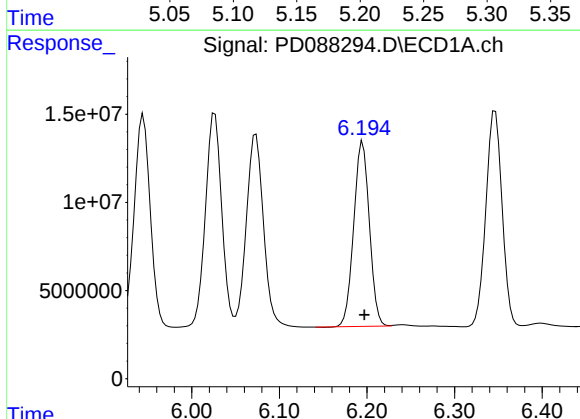
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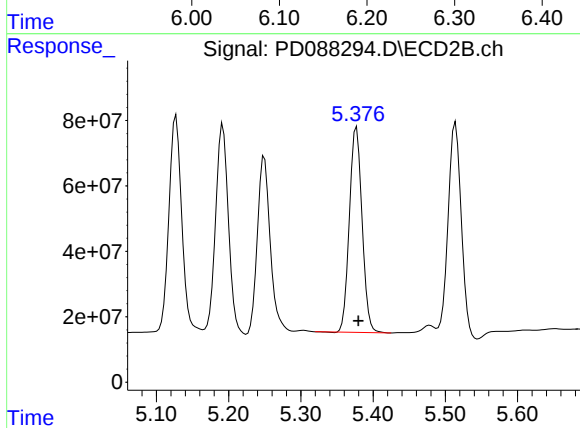
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 795027340
Conc: 40.56 ng/ml



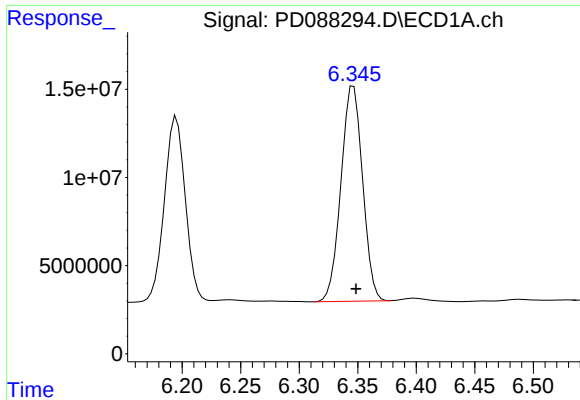
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 130132241
Conc: 39.45 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 761543887
Conc: 38.67 ng/ml



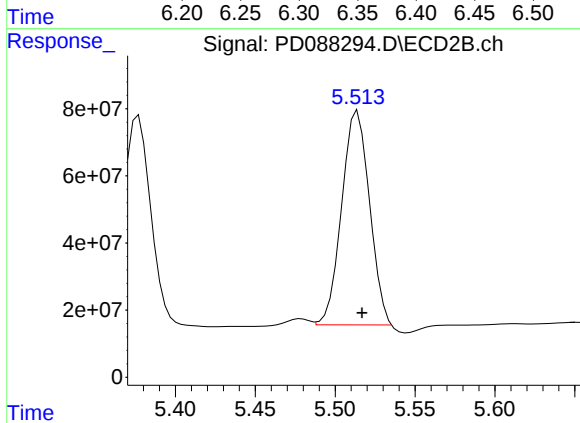
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 157002399
Conc: 44.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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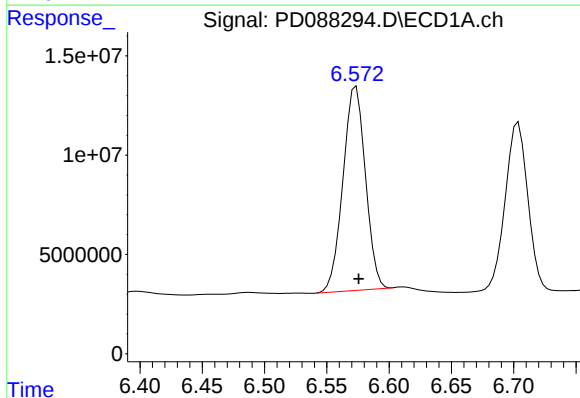
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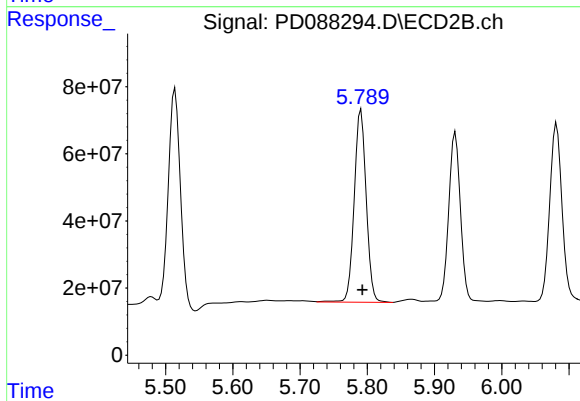
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 772503442
Conc: 38.76 ng/ml m



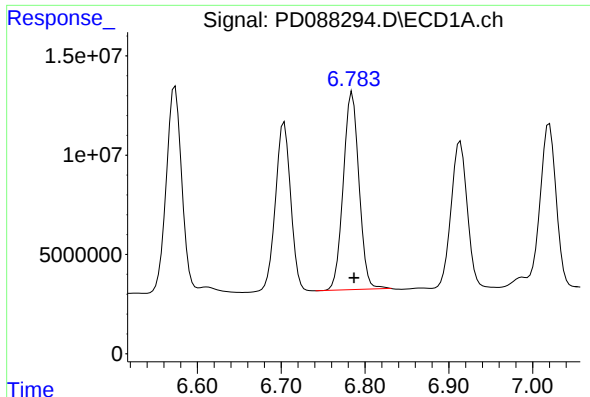
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 129278614
Conc: 43.34 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 711921373
Conc: 39.11 ng/ml



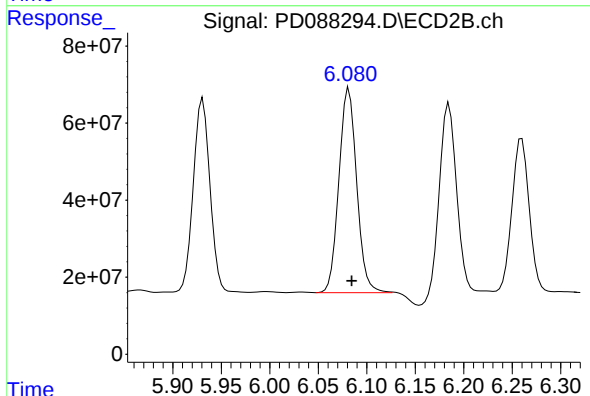
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 129821278
Conc: 41.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

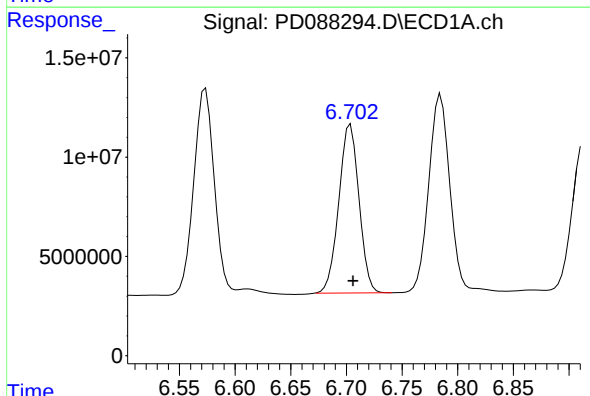
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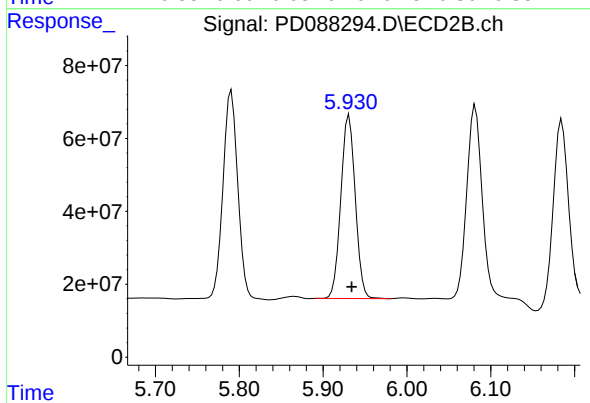
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 677509735
Conc: 38.67 ng/ml m



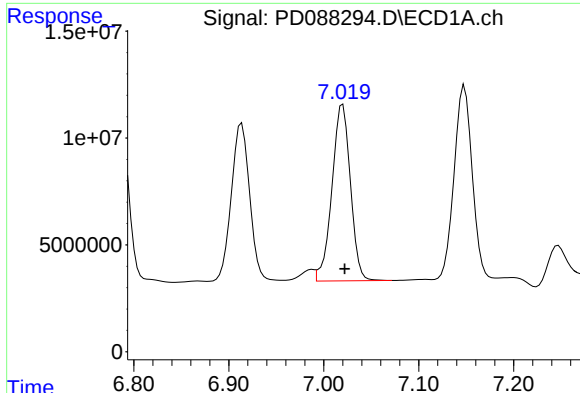
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 107108418
Conc: 42.59 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 602283686
Conc: 36.76 ng/ml



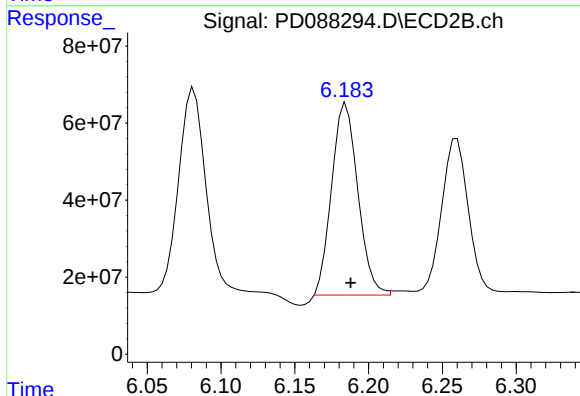
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 111820640
Conc: 40.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

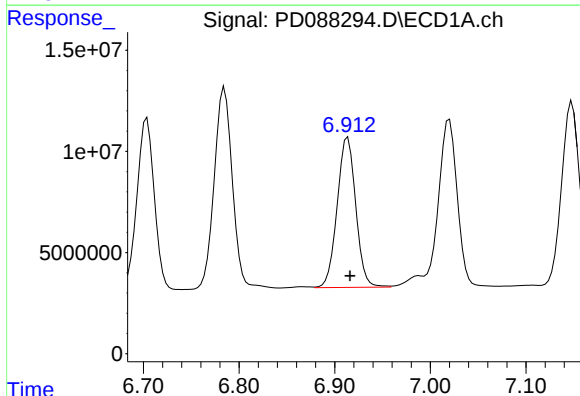
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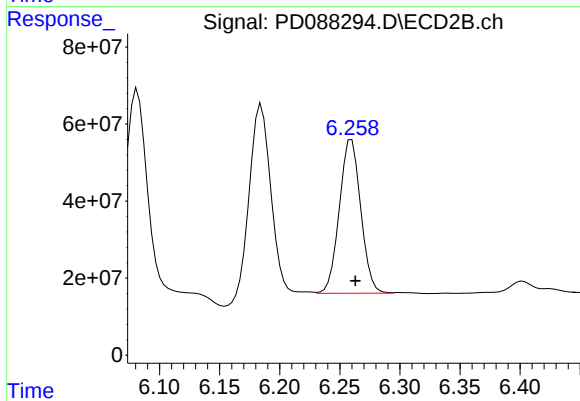
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 616396319
Conc: 36.22 ng/ml m



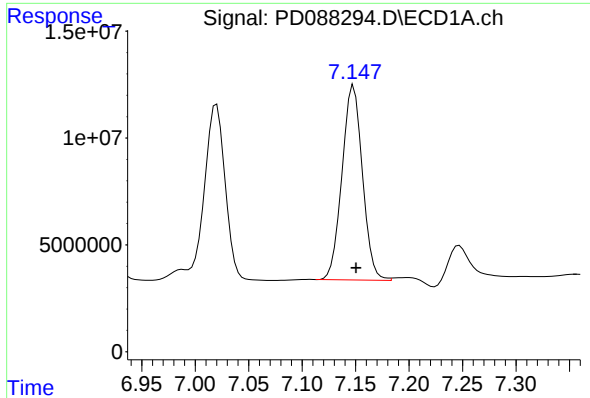
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.002 min
Response: 100446919
Conc: 43.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 495812698
Conc: 37.28 ng/ml m



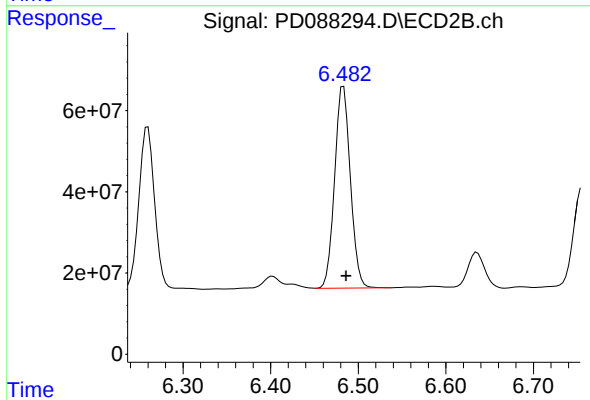
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 121309571
Conc: 42.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

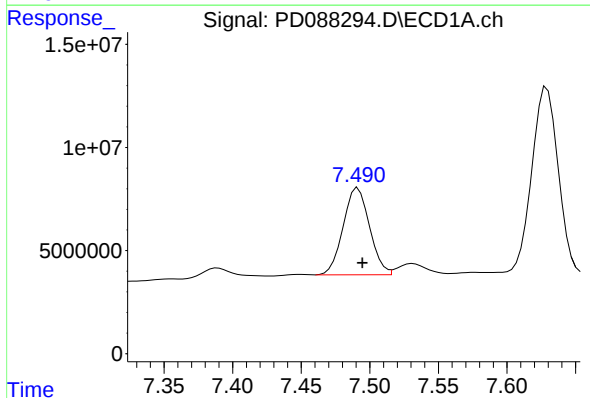
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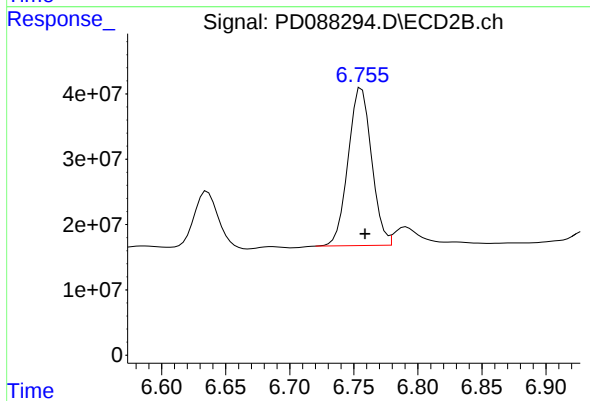
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 620605592
Conc: 36.22 ng/ml



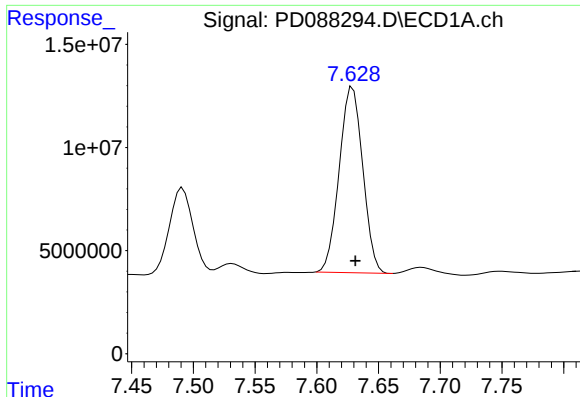
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 56419089
Conc: 37.62 ng/ml m



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 307497662
Conc: 33.71 ng/ml



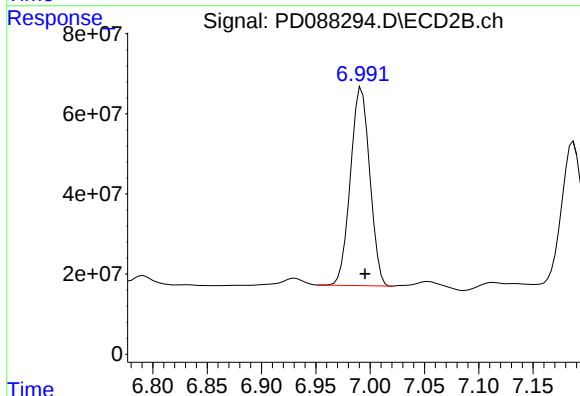
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 119581371
Conc: 38.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

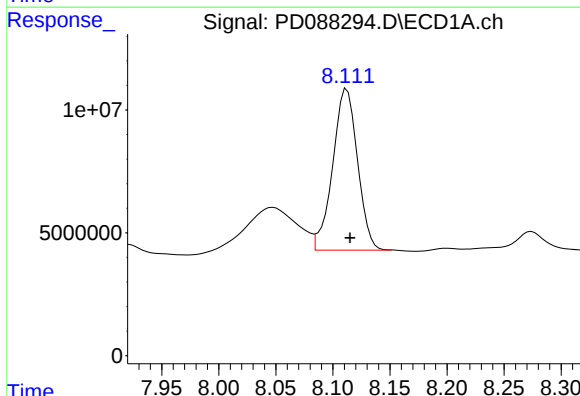
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



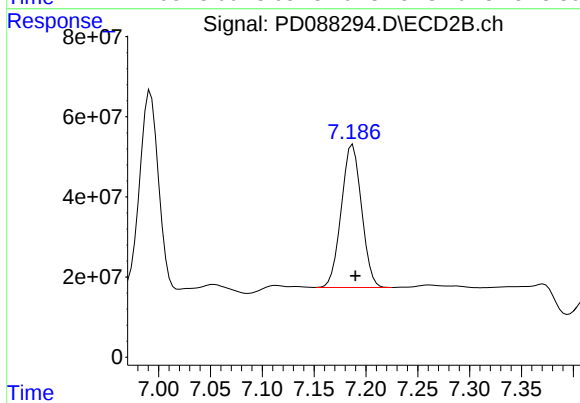
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 613678287
Conc: 32.81 ng/ml



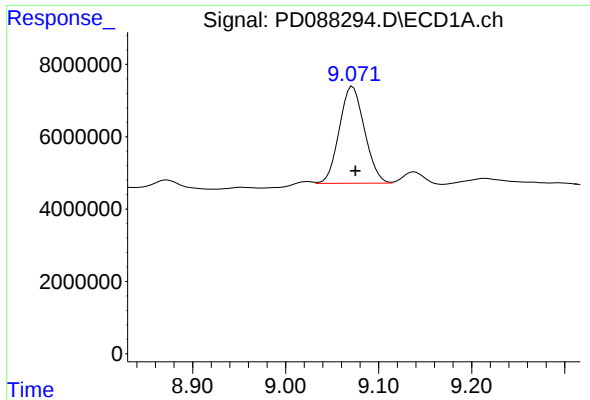
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.004 min
Response: 98932115
Conc: 42.13 ng/ml m



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 484079337
Conc: 32.66 ng/ml



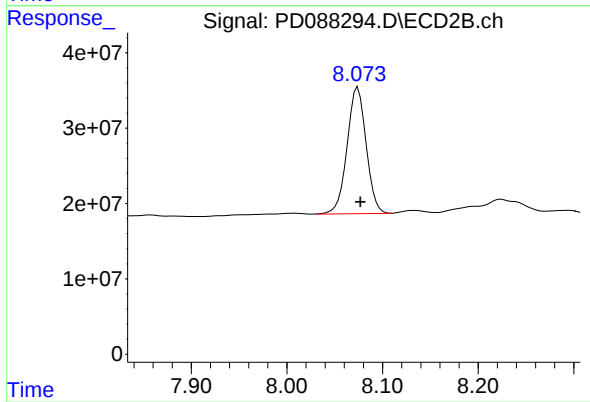
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.004 min
Response: 50277849
Conc: 15.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 232758672
Conc: 12.60 ng/ml