

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
 Data File : PD088293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 10:32
 Operator : AR\AJ
 Sample : Q1858-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-2MS

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 02:18:22 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...	3.549	2.881	33512081	247.2E6	16.778	16.908
28)	SA Decachlor...	9.070	8.074	49692051	239.9E6	15.021m	12.983
Target Compounds							
2)	A alpha-BHC	3.999	3.394	188.3E6	942.1E6	43.670	41.209
3)	MA gamma-BHC...	4.330	3.731	185.4E6	855.8E6	44.282	39.735
4)	MA Heptachlor	4.929	4.084	169.9E6	840.2E6	42.056	39.263
5)	MB Aldrin	5.271	4.369	173.6E6	840.0E6	43.946	40.381m
6)	B beta-BHC	4.514	4.027	65042126	410.6E6	40.066	44.365
7)	B delta-BHC	4.763	4.263	184.8E6	862.4E6	44.804	40.560
8)	B Heptachlo...	5.690	4.874	155.8E6	753.5E6	43.588	39.877
9)	A Endosulfan I	6.073	5.249	151.1E6	673.3E6	44.756	37.381
10)	B gamma-Chl...	5.945	5.126	161.0E6	820.9E6	44.440	40.445m
11)	B alpha-Chl...	6.026	5.192	160.4E6	798.3E6	44.424	40.722
12)	B 4,4'-DDE	6.195	5.376	129.9E6	766.5E6	39.395	38.919m
13)	MA Dieldrin	6.346	5.513	157.9E6	790.0E6	44.242	39.635m
14)	MA Endrin	6.574	5.790	129.6E6	726.7E6	43.448	39.925
15)	B Endosulfa...	6.785	6.079	131.1E6	685.9E6	41.938	39.147m
16)	A 4,4'-DDD	6.704	5.931	108.5E6	607.4E6	43.139	37.070
17)	MA 4,4'-DDT	7.018	6.184	113.8E6	594.6E6	40.964m	34.944m
18)	B Endrin al...	6.914	6.258	99777959	494.0E6	43.232	37.138m
19)	B Endosulfa...	7.148	6.483	122.9E6	623.4E6	42.753	36.384
20)	A Methoxychlor	7.492	6.755	51127541	307.7E6	34.095	33.736
21)	B Endrin ke...	7.629	6.992	121.0E6	619.8E6	39.189	33.139
22)	Mirex	8.111	7.187	101.9E6	491.6E6	43.387m	33.173

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

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Data File : PD088293.D
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Acq On : 28 Apr 2025 10:32
Operator : AR\AJ
Sample : Q1858-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

COMP-2MS

Manual Integrations

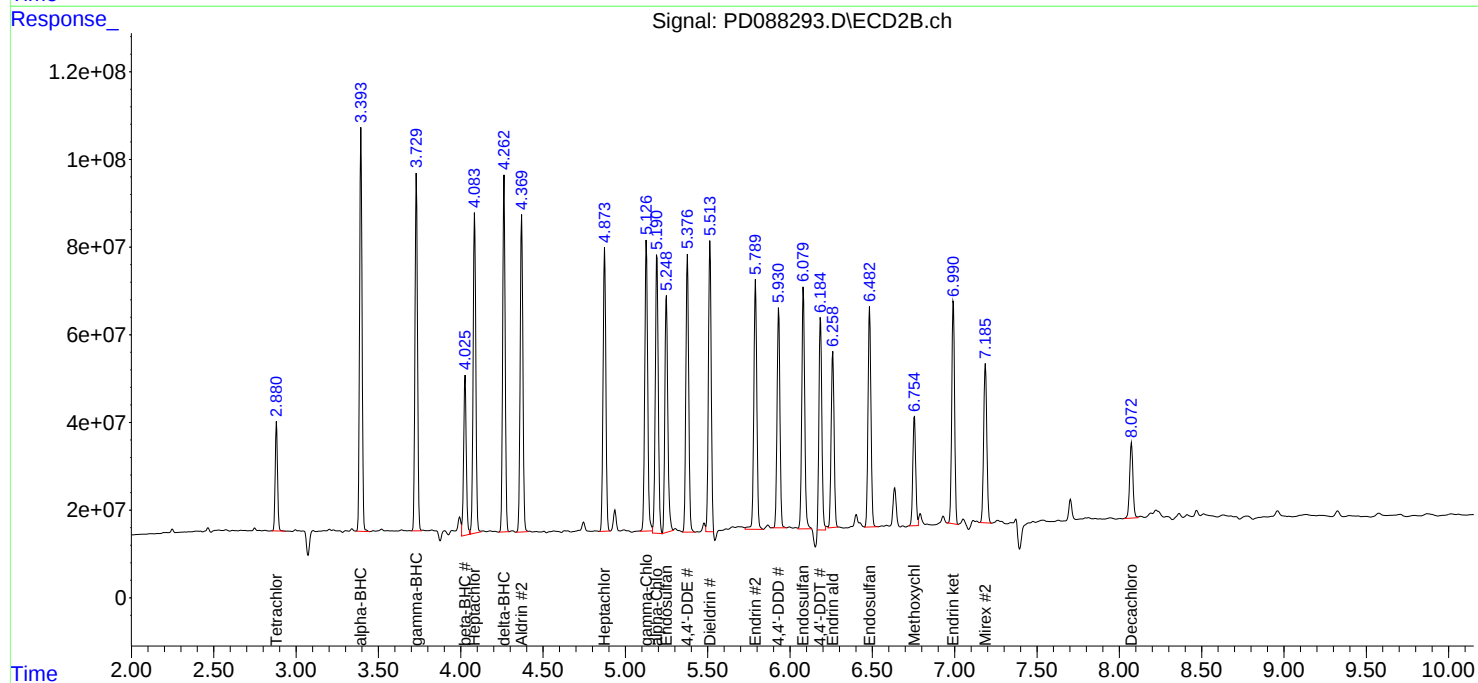
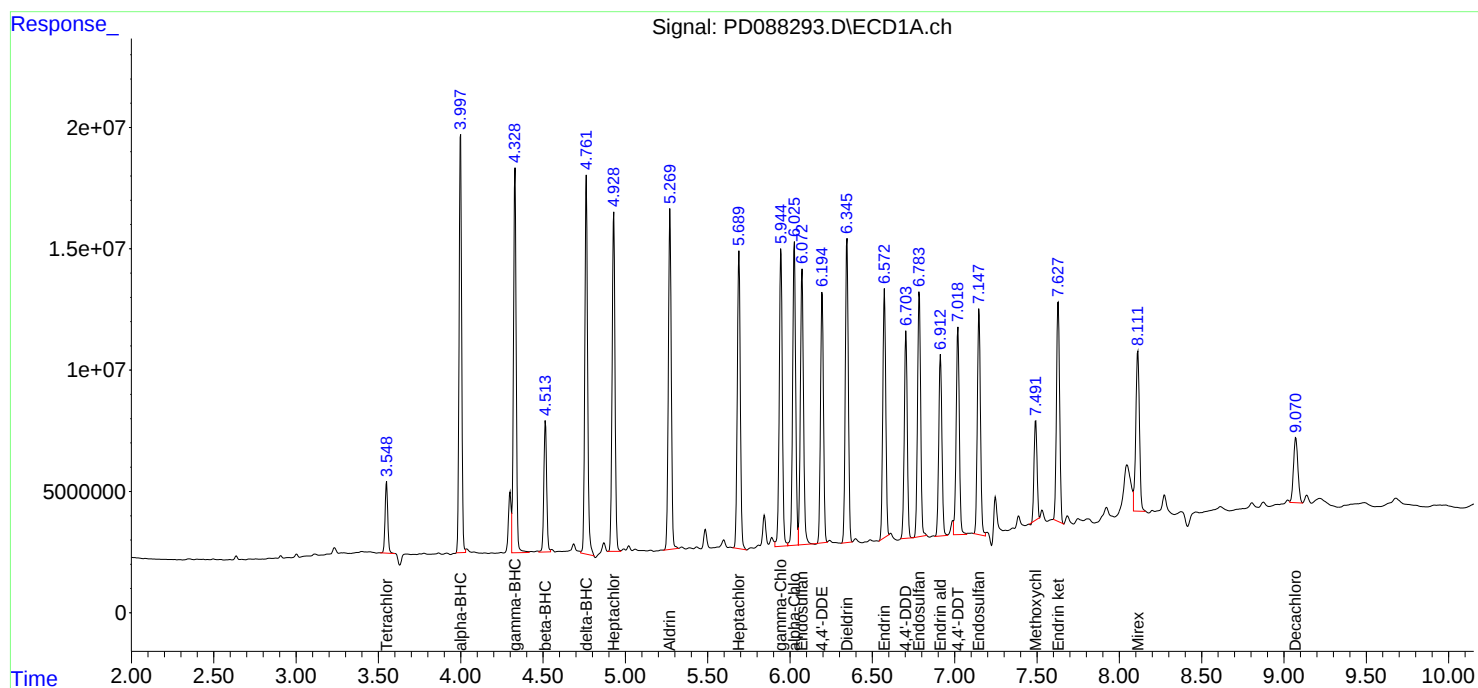
APPROVED

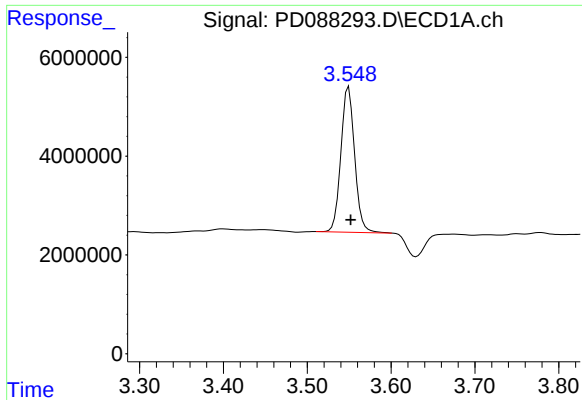
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 02:18:22 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
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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





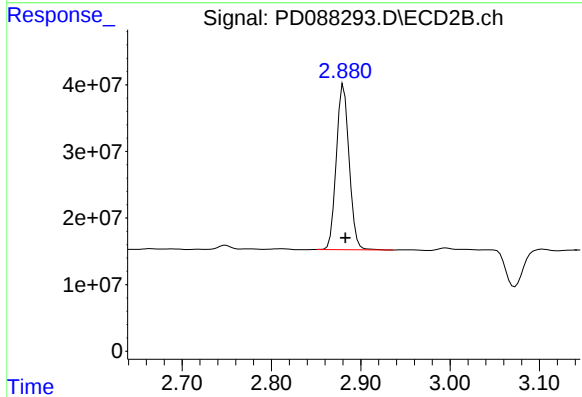
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.003 min
Response: 33512081
Conc: 16.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

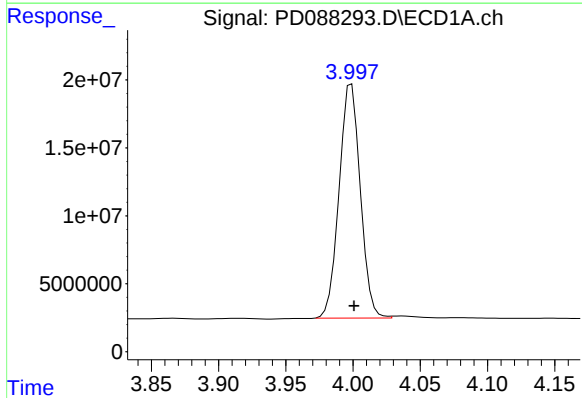
Manual Integrations
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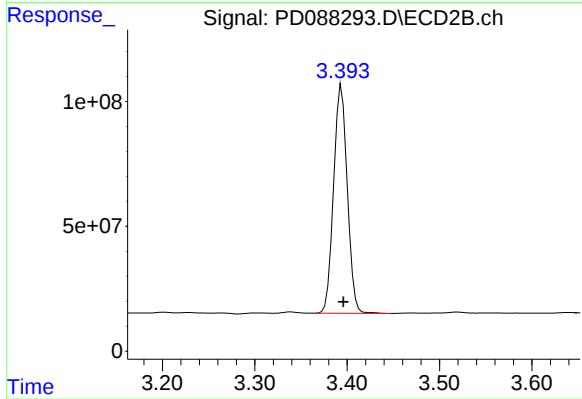
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 247229344
Conc: 16.91 ng/ml



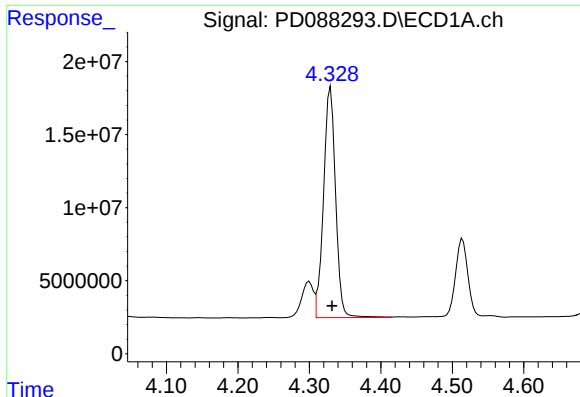
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 188305097
Conc: 43.67 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 942111484
Conc: 41.21 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 185429743
Conc: 44.28 ng/ml

Instrument :

ECD_D

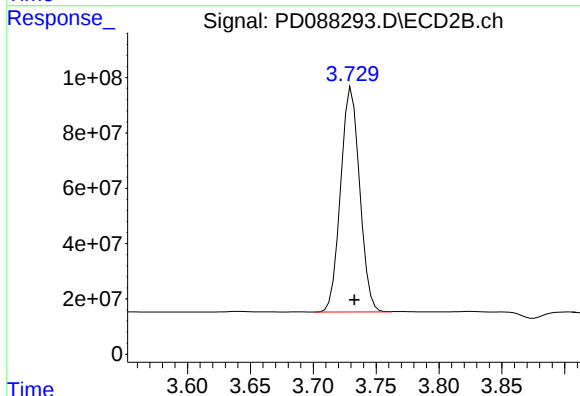
ClientSampleId :

COMP-2MS

Manual Integrations

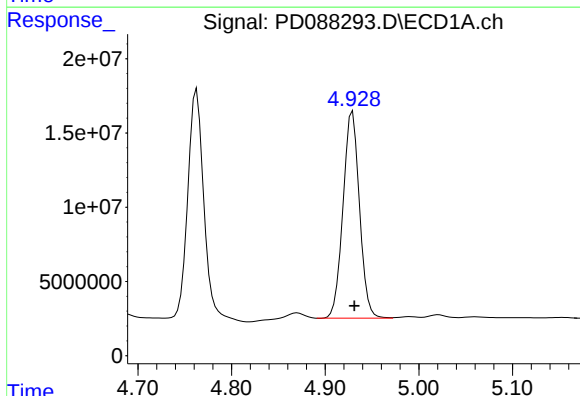
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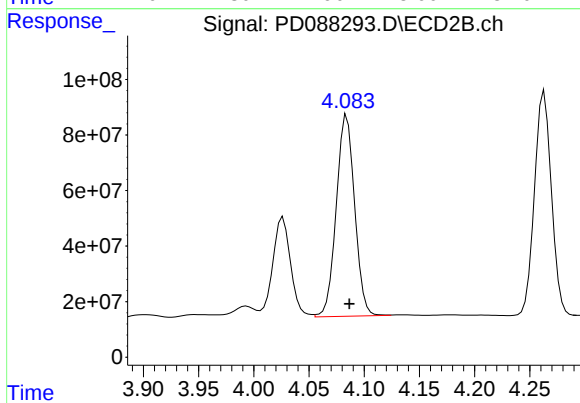
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 855845601
Conc: 39.74 ng/ml



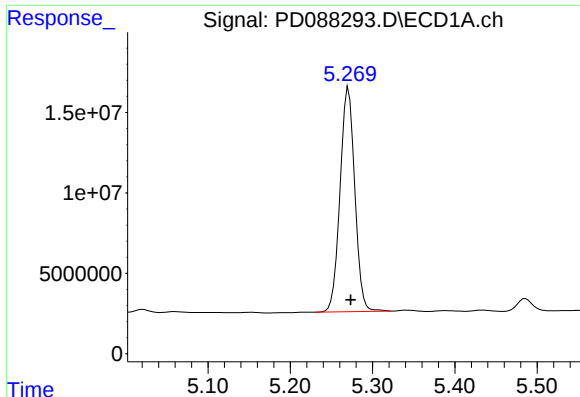
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 169862569
Conc: 42.06 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: -0.002 min
Response: 840162325
Conc: 39.26 ng/ml



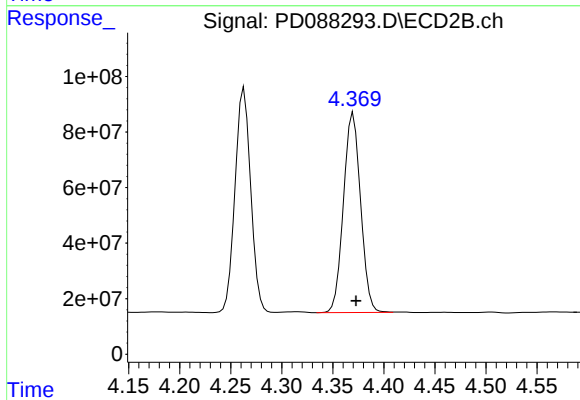
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 173568504
Conc: 43.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

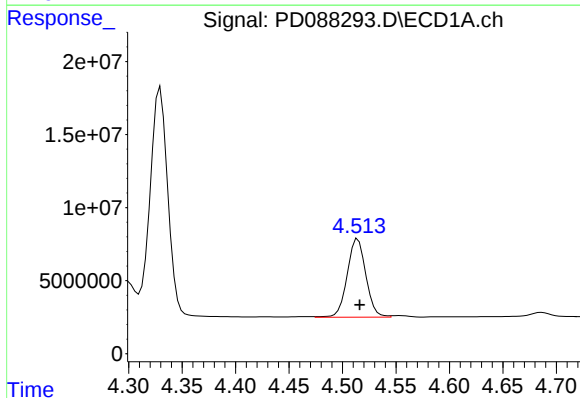
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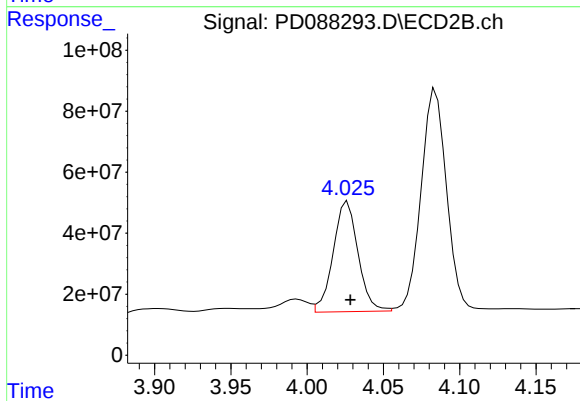
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.004 min
Response: 840042207
Conc: 40.38 ng/ml m



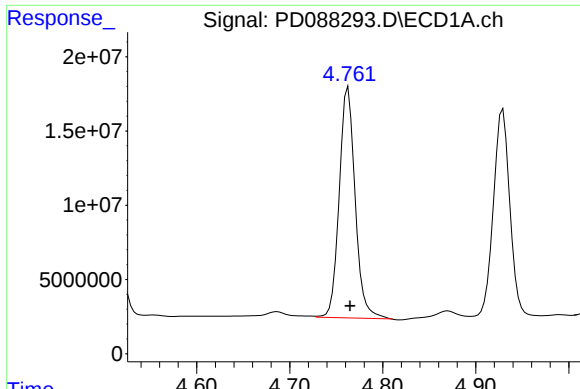
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 65042126
Conc: 40.07 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 410559710
Conc: 44.37 ng/ml



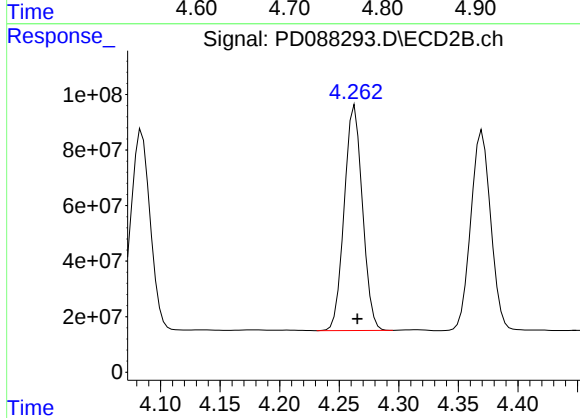
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 184815882
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

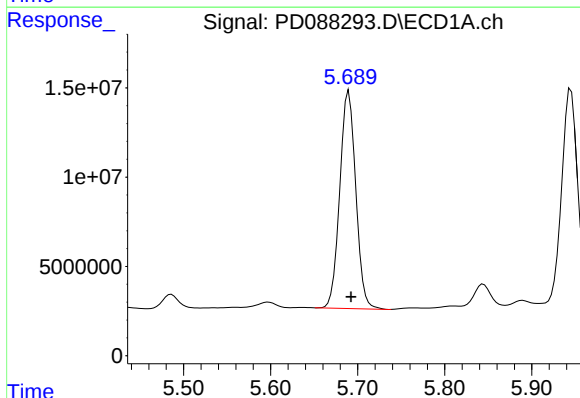
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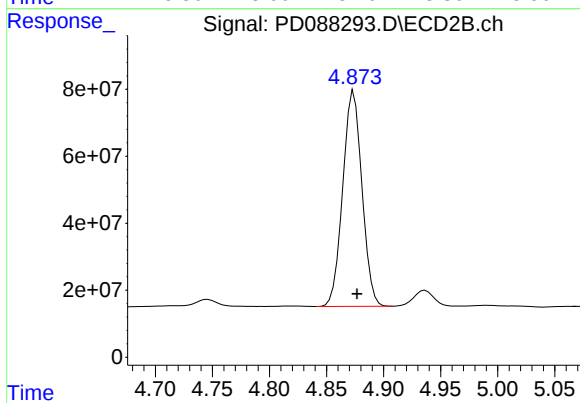
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 862371809
Conc: 40.56 ng/ml



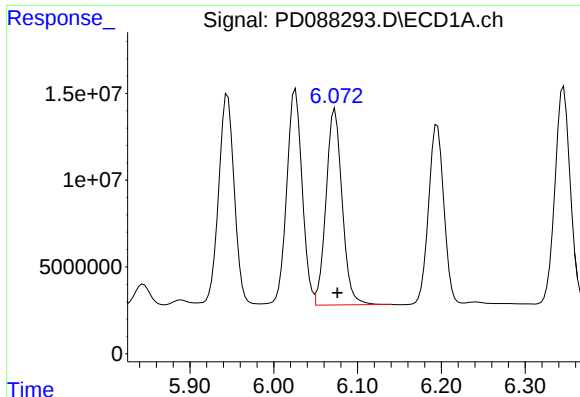
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 155780456
Conc: 43.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 753451938
Conc: 39.88 ng/ml



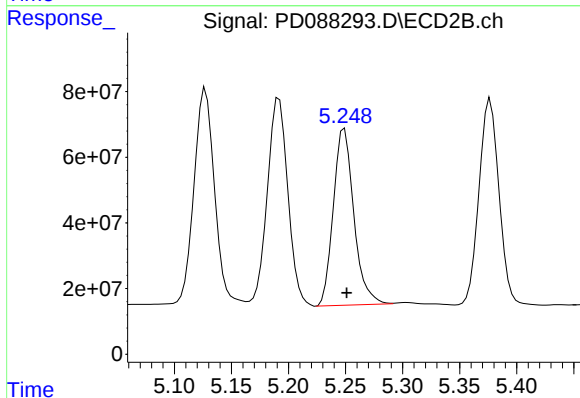
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 151148541
Conc: 44.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

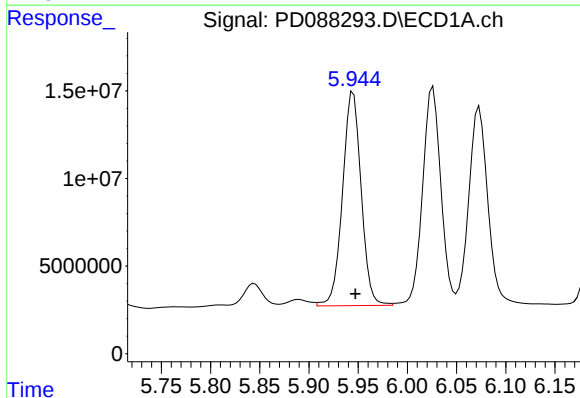
Manual Integrations
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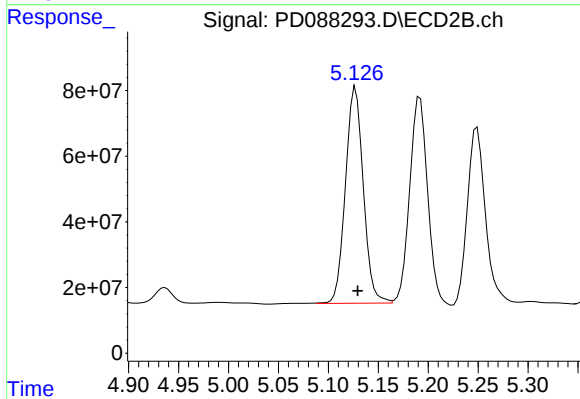
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 673329854
Conc: 37.38 ng/ml



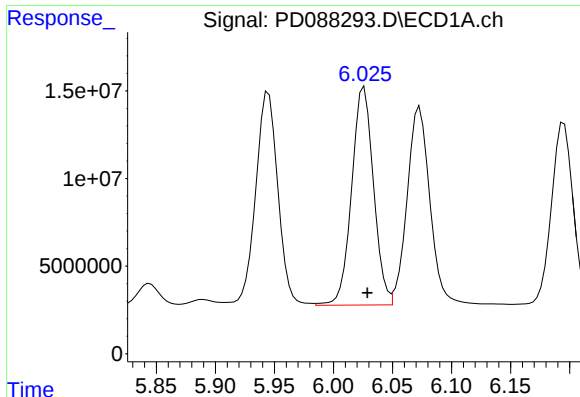
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 160963395
Conc: 44.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.004 min
Response: 820878221
Conc: 40.45 ng/ml m



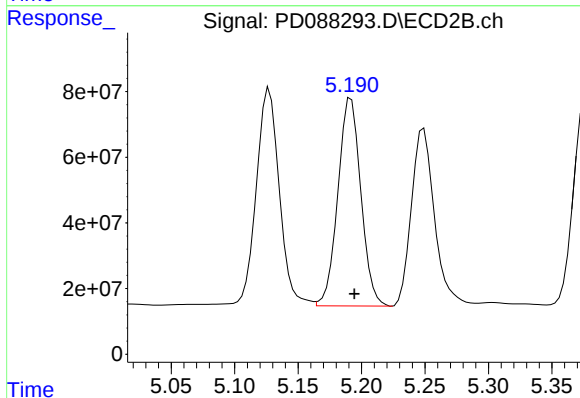
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 160351517
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

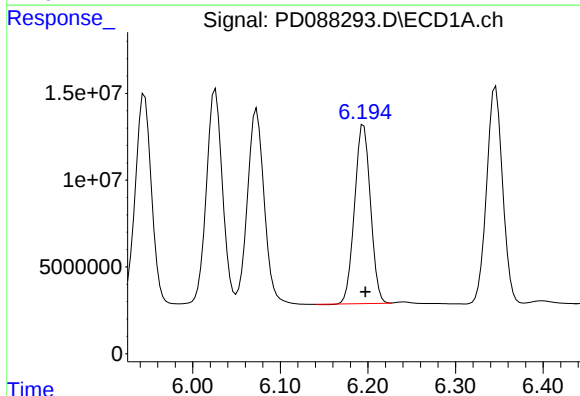
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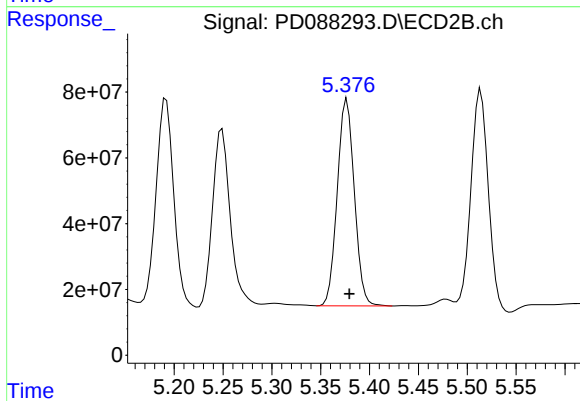
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.003 min
Response: 798271765
Conc: 40.72 ng/ml



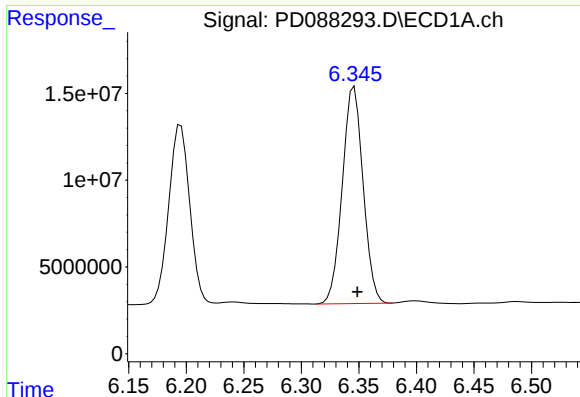
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 129935132
Conc: 39.40 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.004 min
Response: 766468858
Conc: 38.92 ng/ml m



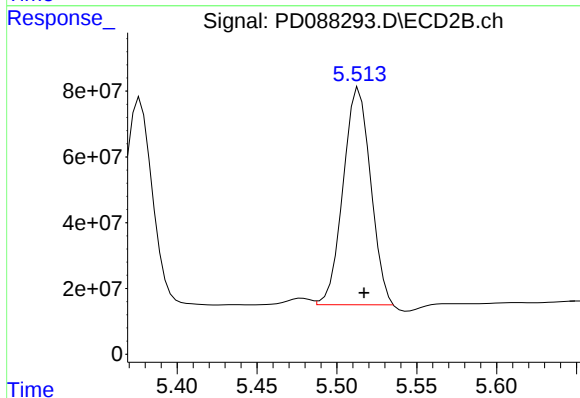
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 157876338
Conc: 44.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

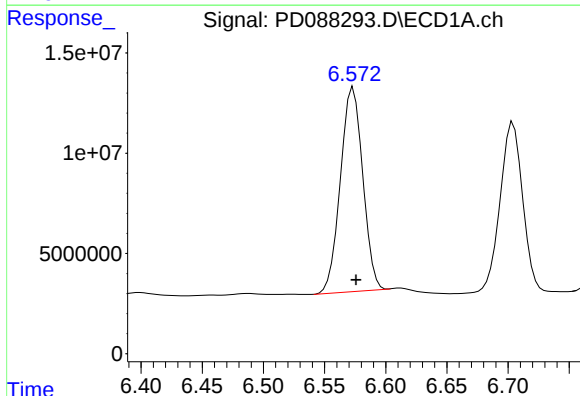
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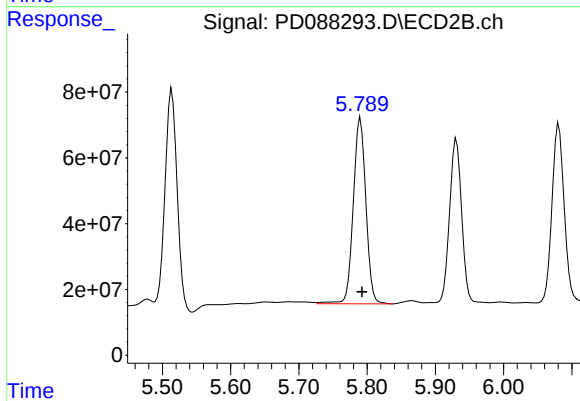
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 790039020
Conc: 39.64 ng/ml m



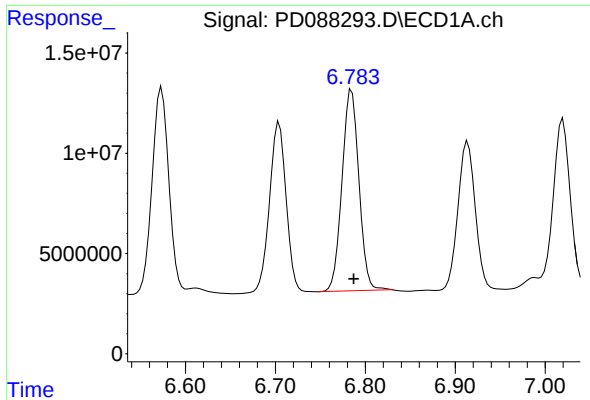
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 129585632
Conc: 43.45 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 726719589
Conc: 39.92 ng/ml



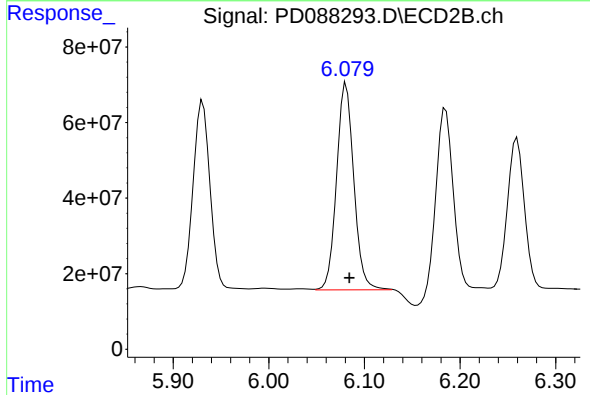
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 131105813
Conc: 41.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

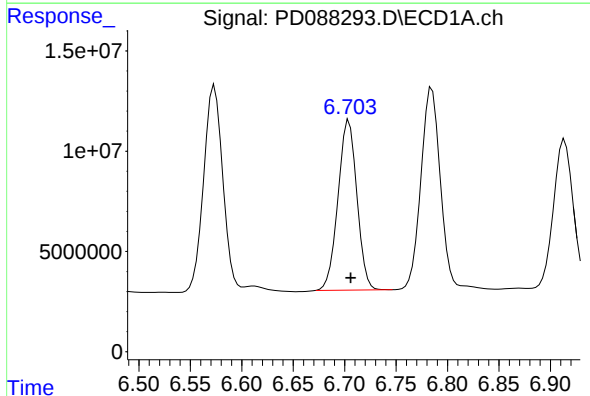
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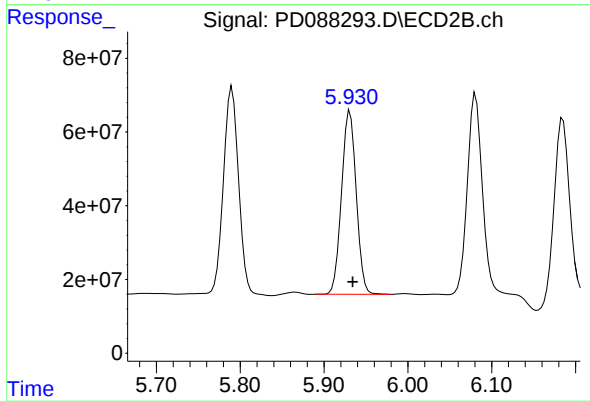
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 685927277
Conc: 39.15 ng/ml m



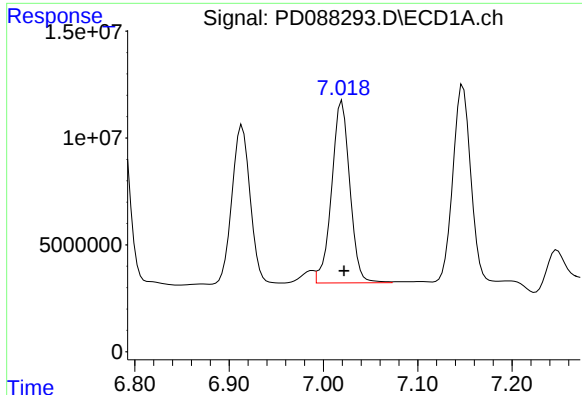
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 108494010
Conc: 43.14 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 607442803
Conc: 37.07 ng/ml



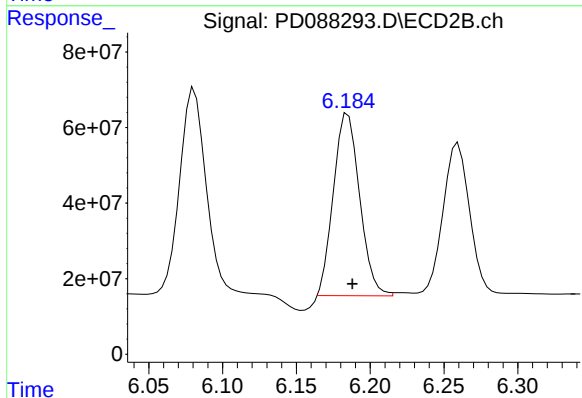
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 113778255
Conc: 40.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

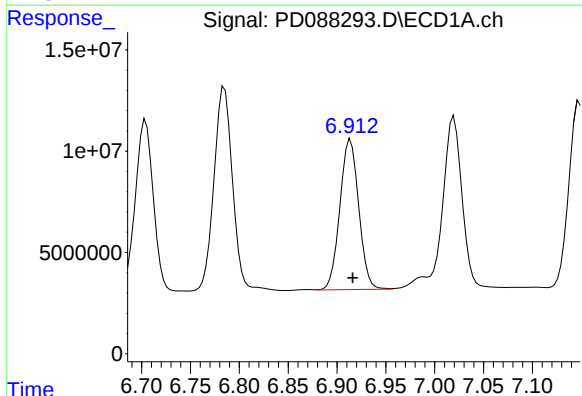
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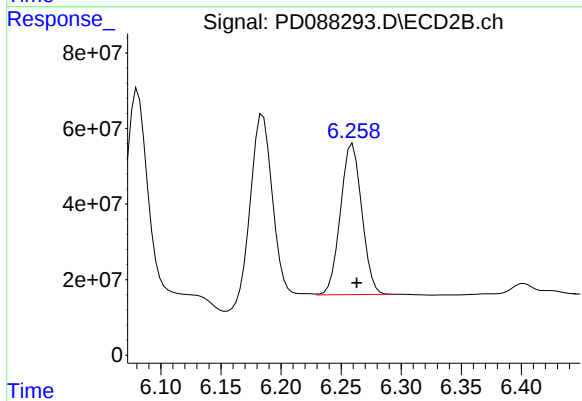
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 594618719
Conc: 34.94 ng/ml m



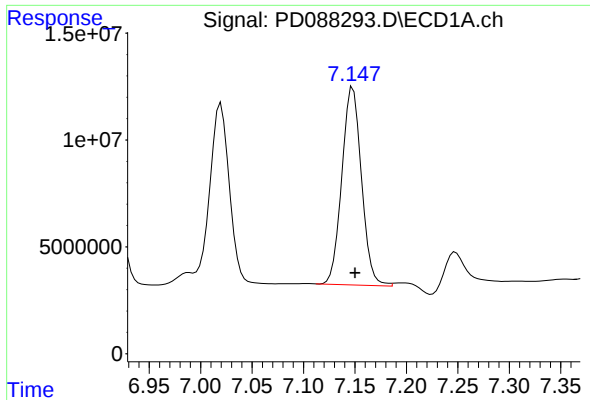
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.002 min
Response: 99777959
Conc: 43.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.005 min
Response: 493966845
Conc: 37.14 ng/ml m



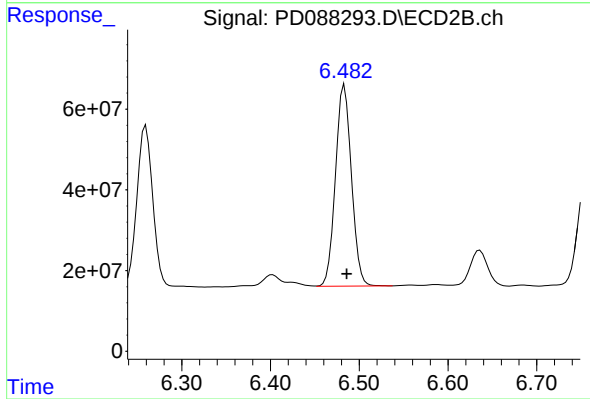
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 122949550
Conc: 42.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

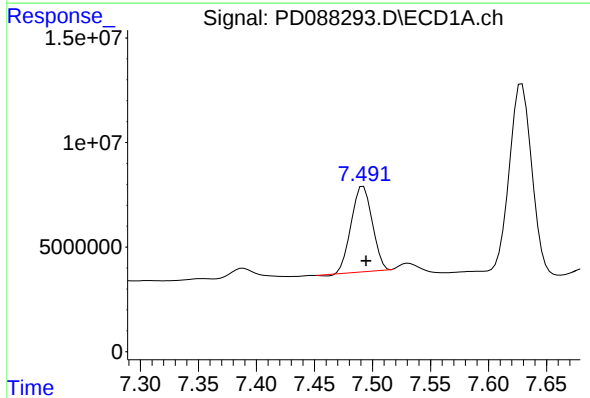
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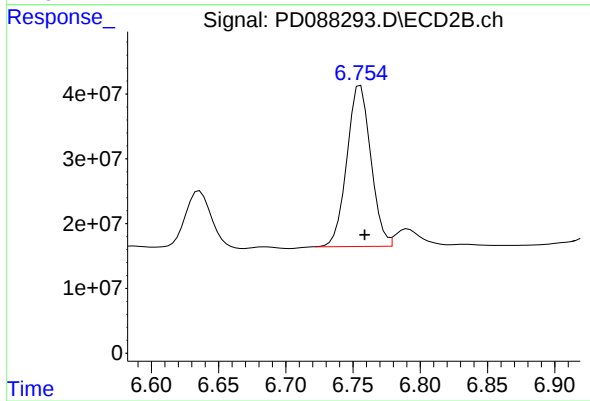
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 623369720
Conc: 36.38 ng/ml



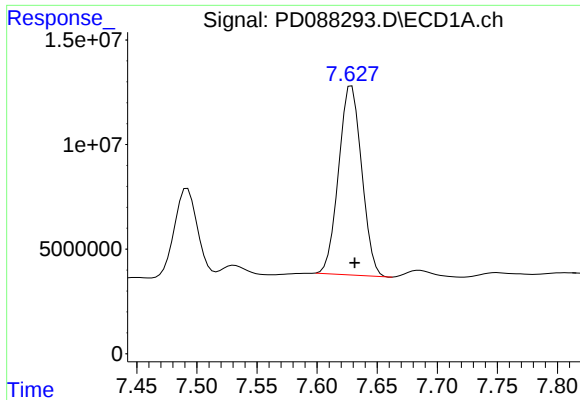
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 51127541
Conc: 34.10 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 307712308
Conc: 33.74 ng/ml



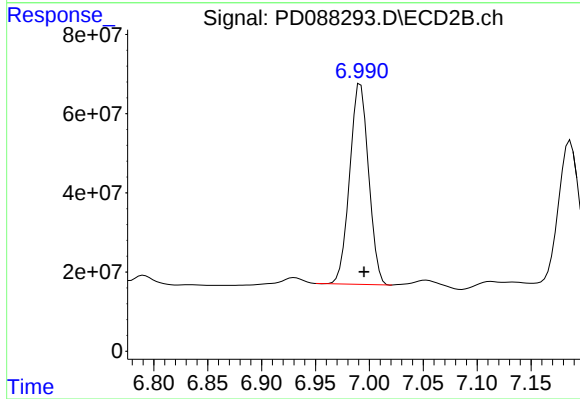
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 120959493
Conc: 39.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

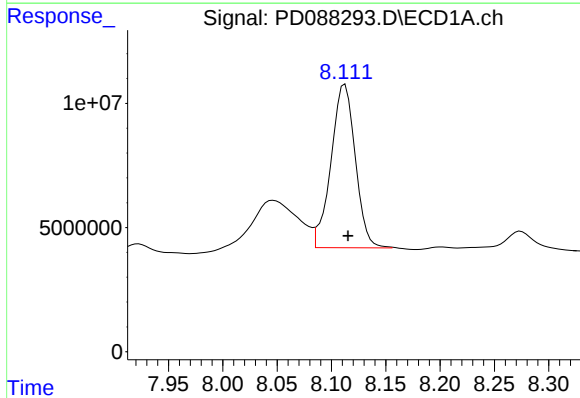
Manual Integrations
APPROVED

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



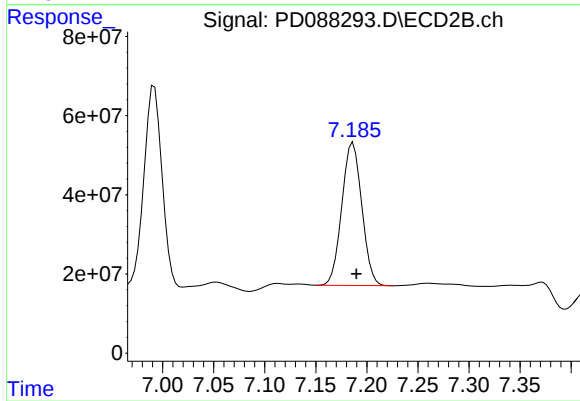
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 619825011
Conc: 33.14 ng/ml



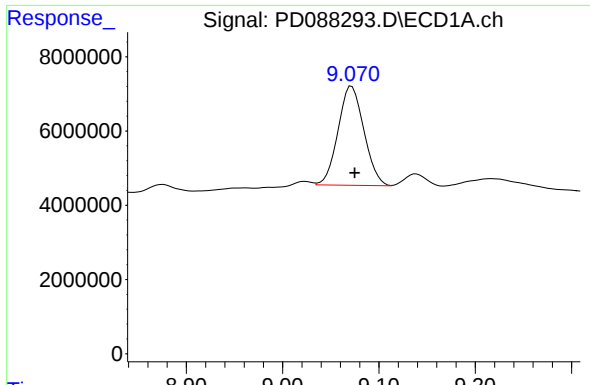
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.004 min
Response: 101886729
Conc: 43.39 ng/ml m



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 491648760
Conc: 33.17 ng/ml



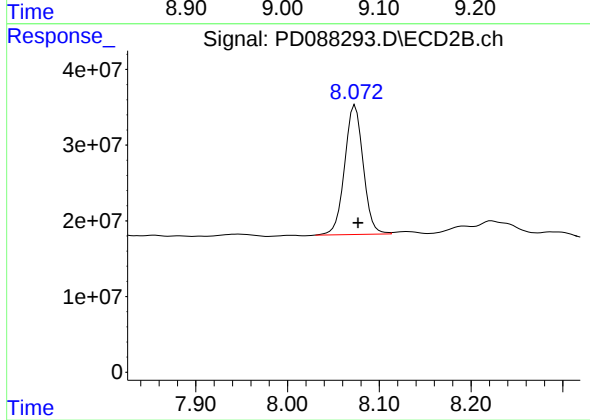
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.005 min
Response: 49692051
Conc: 15.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

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: 239911747
Conc: 12.98 ng/ml