

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 13:16
 Operator : AR\AJ
 Sample : Q1832-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-02MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/23/2025
 Supervised By : mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:17:41 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 x 0.5 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...	3.552	2.883	31843594	246.3E6	15.943	16.848
28)	SA Decachlor...	9.084	8.076	58353364	231.5E6	17.639	12.528 #
Target Compounds							
2)	A alpha-BHC	4.001	3.396	194.1E6	968.1E6	45.020	42.348
3)	MA gamma-BHC...	4.332	3.733	196.3E6	882.0E6	46.882	40.951
4)	MA Heptachlor	4.932	4.087	178.4E6	890.0E6	44.177	41.594
5)	MB Aldrin	5.273	4.371	171.8E6	845.7E6	43.489	40.655m
6)	B beta-BHC	4.516	4.027	50803940	396.3E6	31.295m	42.826m#
7)	B delta-BHC	4.766	4.265	196.6E6	884.7E6	47.651	41.610
8)	B Heptachlo...	5.694	4.876	150.4E6	769.5E6	42.084	40.728
9)	A Endosulfan I	6.077	5.251	173.1E6	595.8E6	51.265	33.078m#
10)	B gamma-Chl...	5.947	5.128	155.6E6	822.9E6	42.946m	40.544m
11)	B alpha-Chl...	6.028	5.195	158.7E6	888.2E6	43.965m	45.308
12)	B 4,4'-DDE	6.197	5.378	143.5E6	930.9E6	43.502m	47.268m
13)	MA Dieldrin	6.349	5.516	146.7E6	750.2E6	41.109	37.638m
14)	MA Endrin	6.577	5.793	121.8E6	785.0E6	40.845	43.127
15)	B Endosulfa...	6.788	6.085	130.6E6	675.5E6	41.765	38.551
16)	A 4,4'-DDD	6.705	5.933	116.5E6	531.2E6	46.307m	32.417m#
17)	MA 4,4'-DDT	7.022	6.188	138.2E6	762.3E6	49.748m	44.797
18)	B Endrin al...	6.917	6.262	98142258	505.5E6	42.523	38.004
19)	B Endosulfa...	7.150	6.487	115.7E6	596.0E6	40.222m	34.783
20)	A Methoxychlor	7.494	6.757	60352641	291.6E6	40.247m	31.975m
21)	B Endrin ke...	7.632	6.993	120.0E6	596.8E6	38.865	31.910m
22)	Mirex	8.114	7.189	111.3E6	472.6E6	47.407m	31.886m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:16
Operator : AR\AJ
Sample : Q1832-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

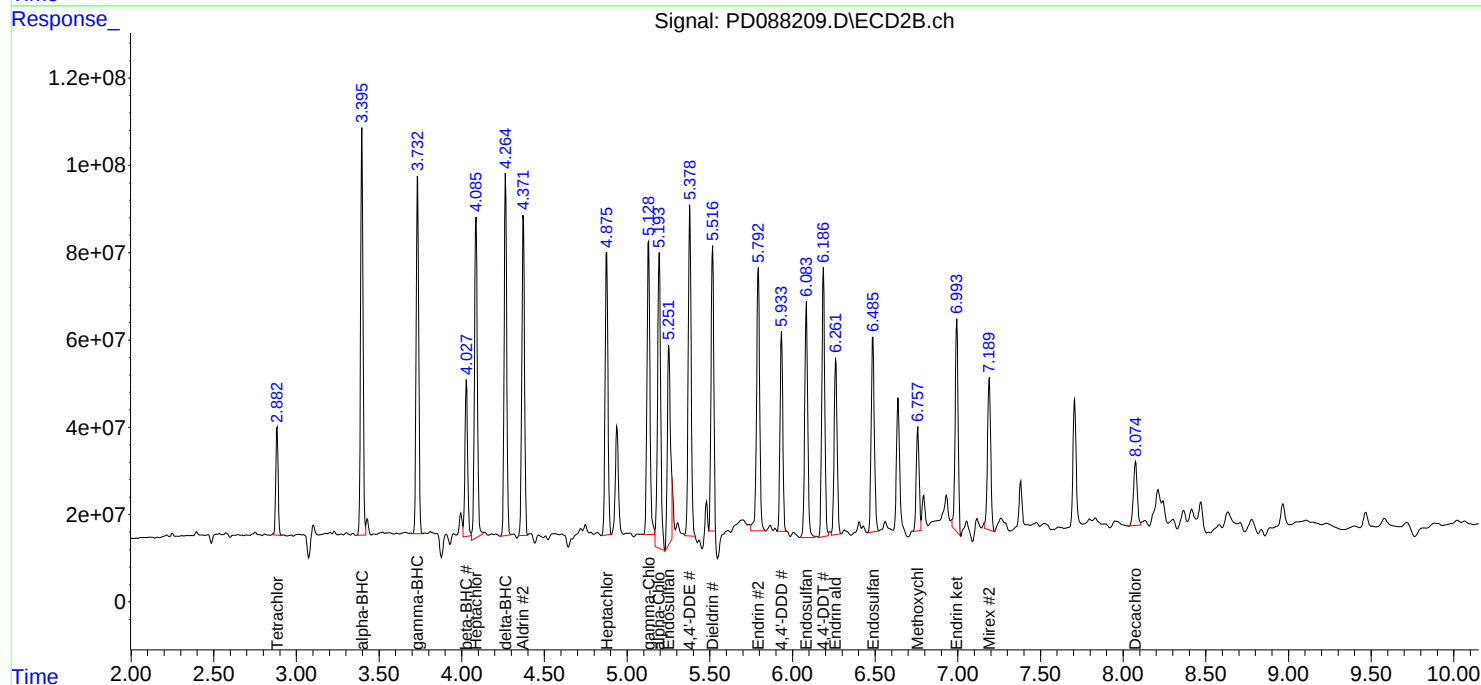
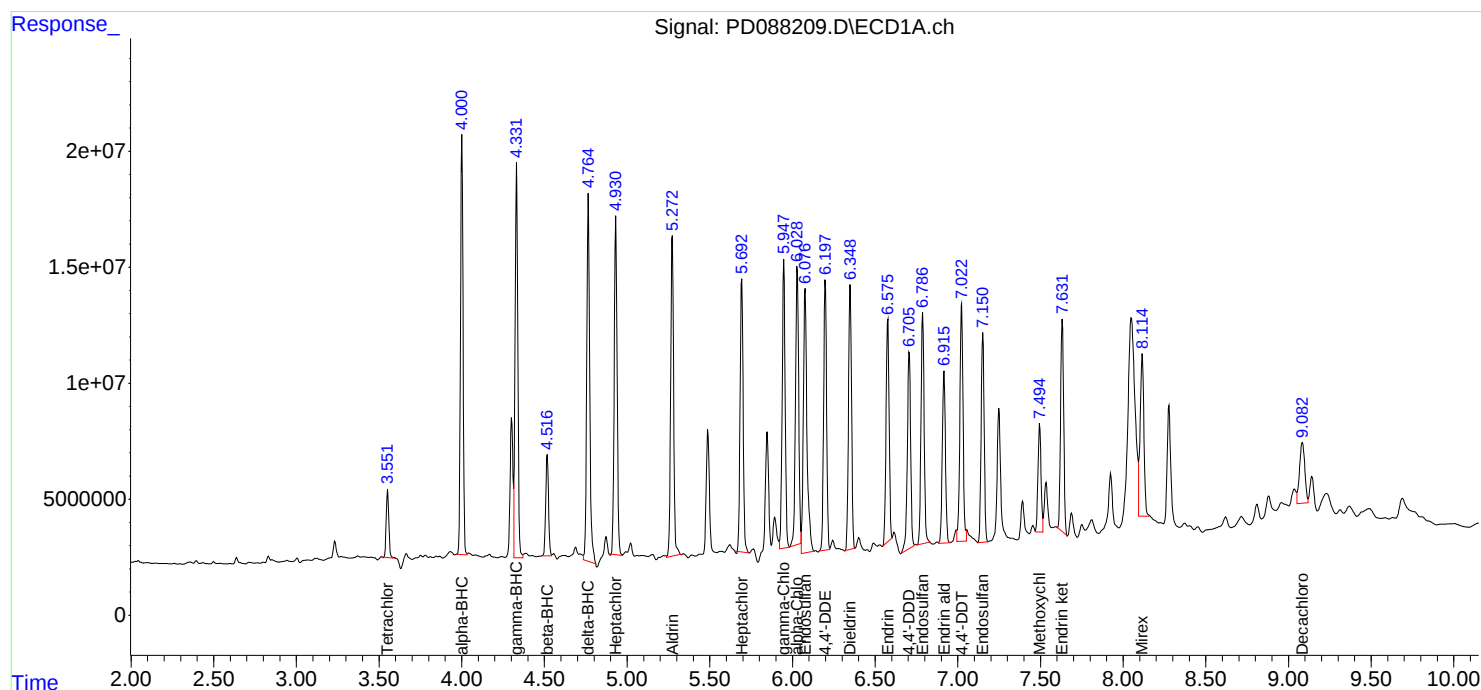
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

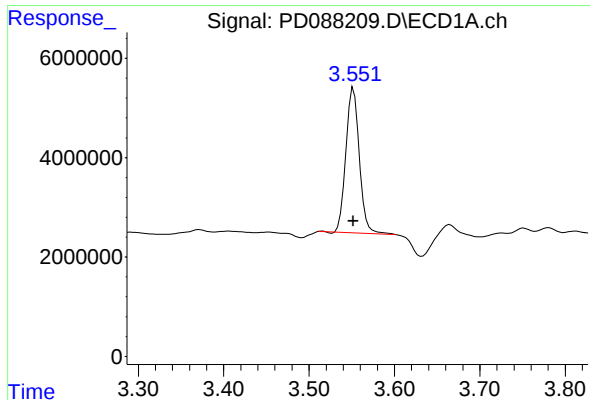
Manual Integrations
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Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:17:41 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





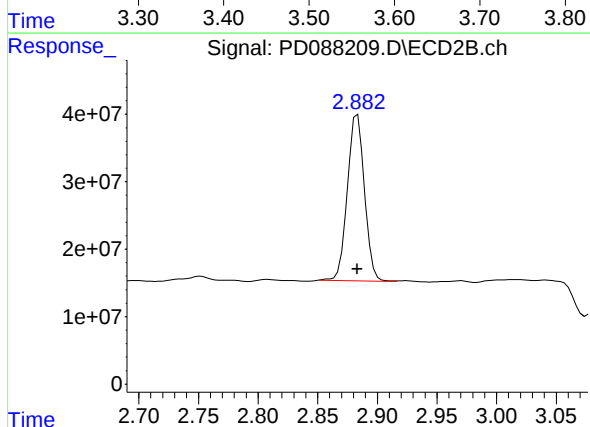
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 31843594
Conc: 15.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

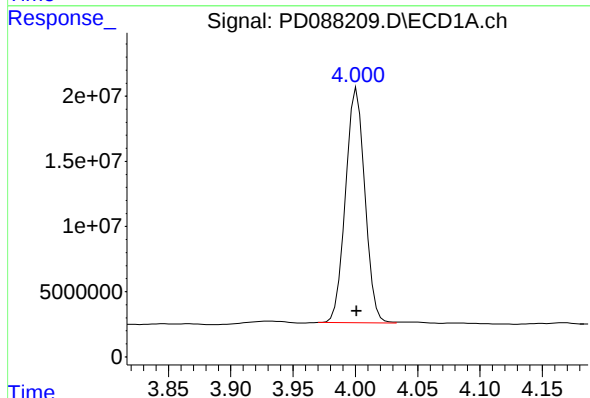
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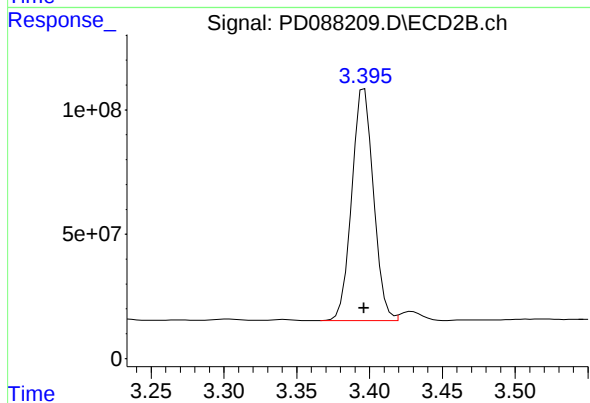
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 246344601
Conc: 16.85 ng/ml



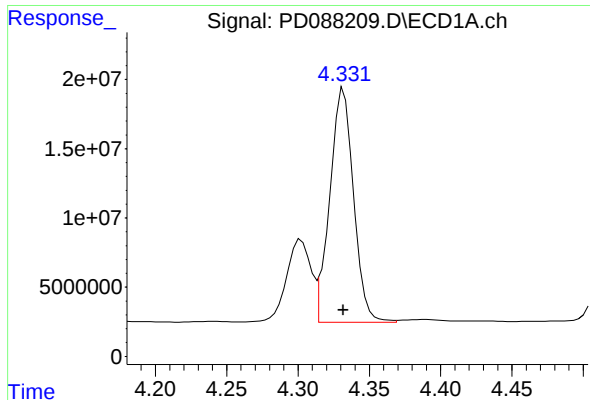
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 194124445
Conc: 45.02 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 968135229
Conc: 42.35 ng/ml



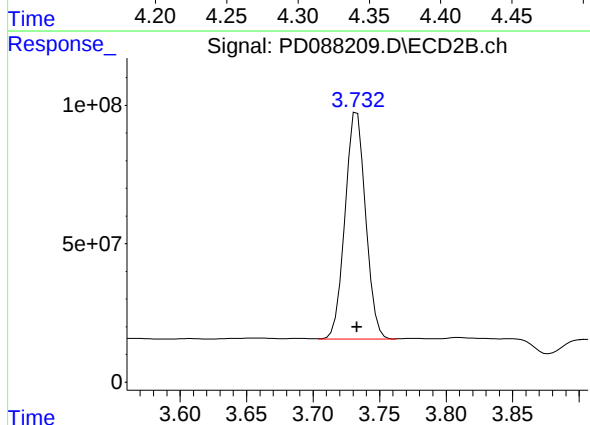
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 196317403
Conc: 46.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

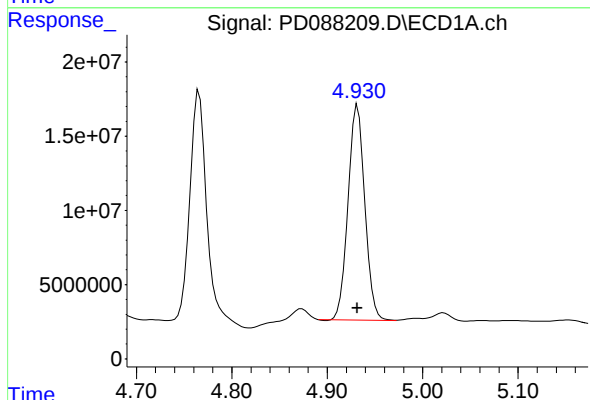
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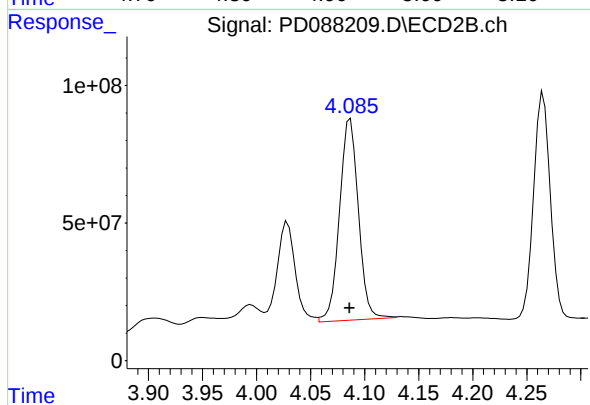
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 882021757
Conc: 40.95 ng/ml



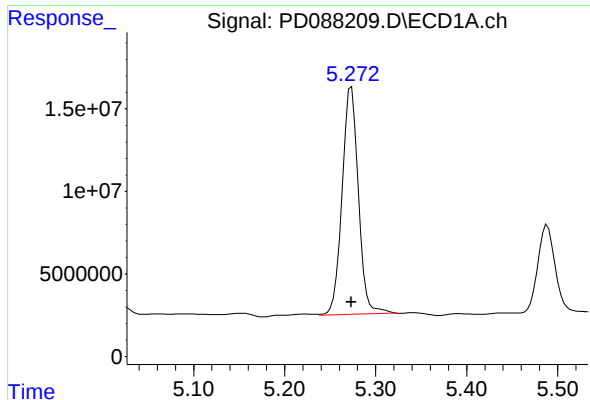
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 178427638
Conc: 44.18 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 890037711
Conc: 41.59 ng/ml



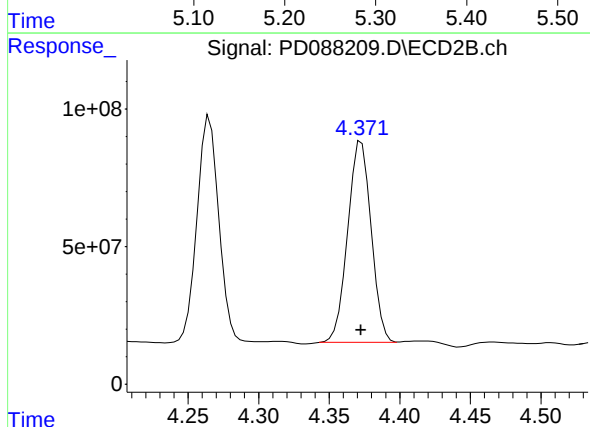
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 171764193
Conc: 43.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

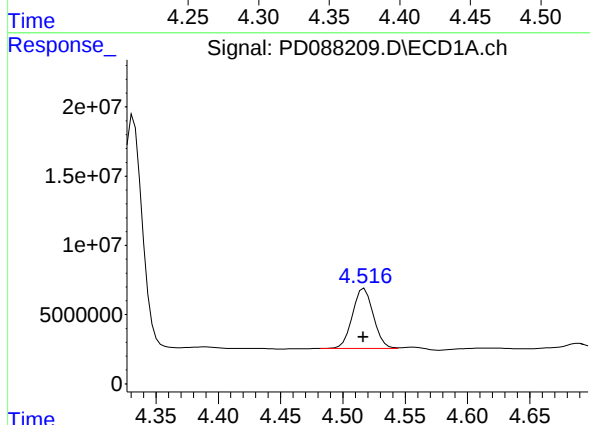
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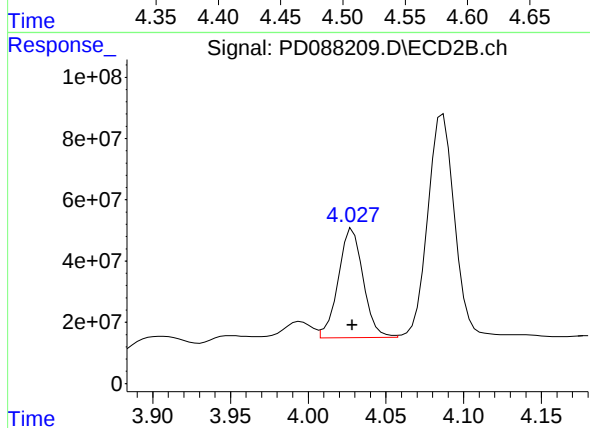
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 845733477
Conc: 40.65 ng/ml



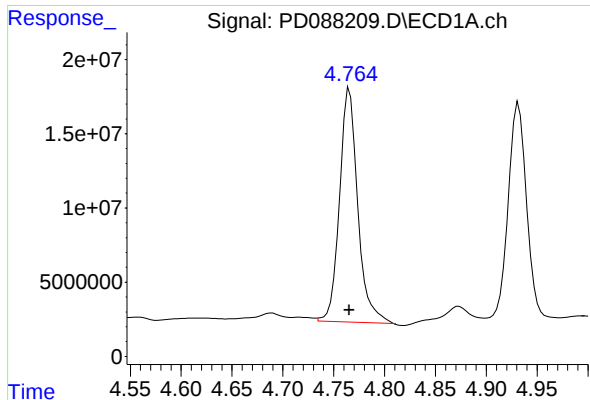
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 50803940
Conc: 31.30 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 396318667
Conc: 42.83 ng/ml



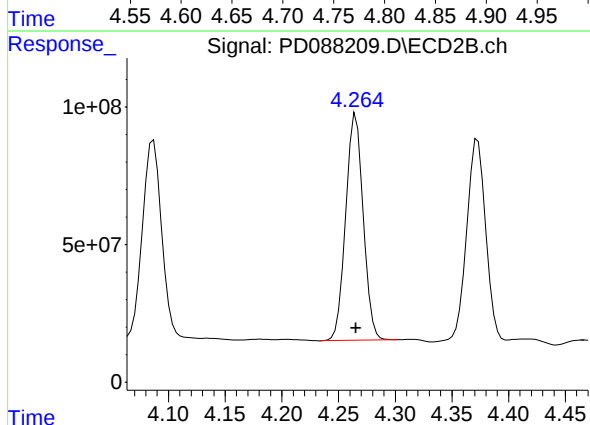
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 196557901
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

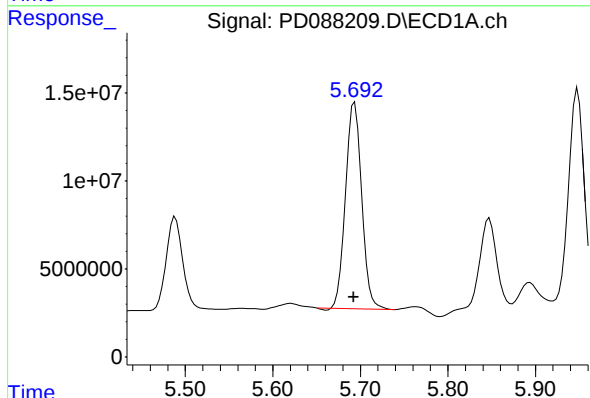
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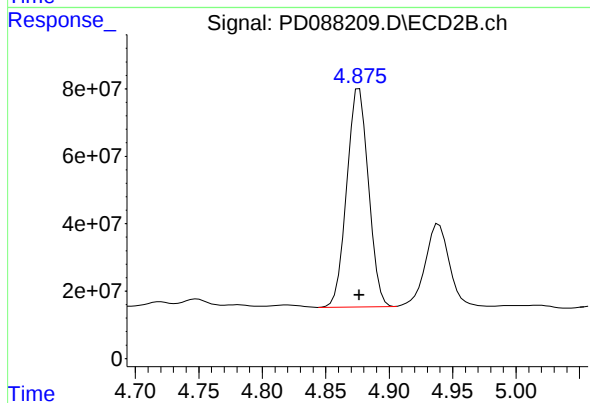
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 884684137
Conc: 41.61 ng/ml



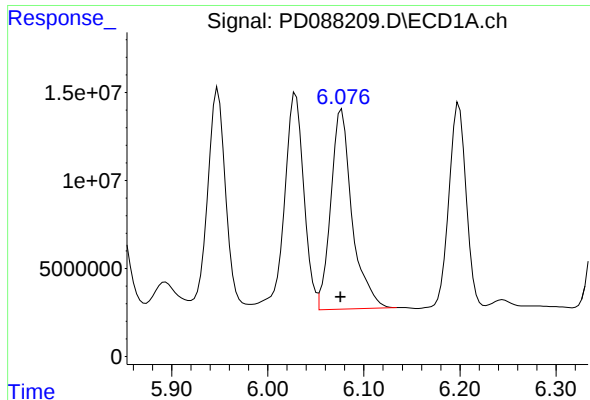
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 150405940
Conc: 42.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 769529734
Conc: 40.73 ng/ml



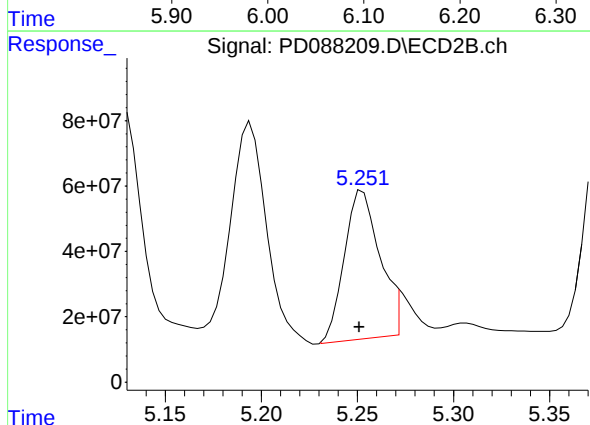
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 173129644
Conc: 51.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

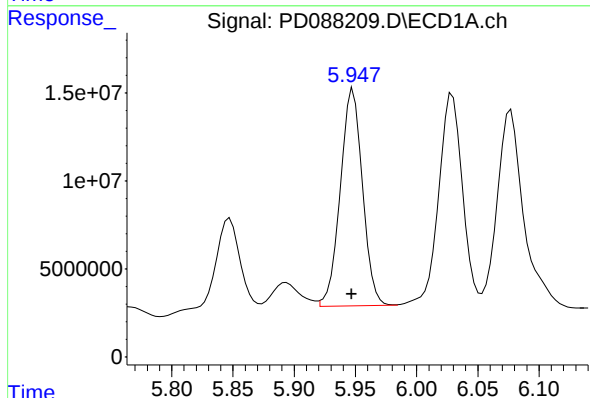
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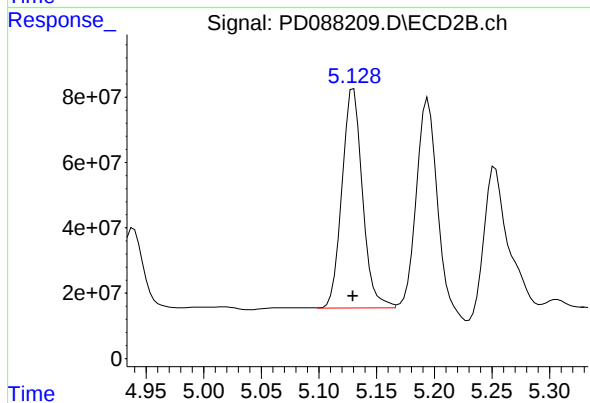
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 595821411
Conc: 33.08 ng/ml



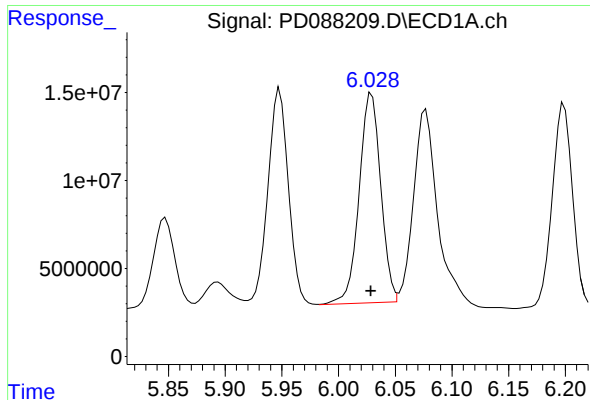
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 155552338
Conc: 42.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 822872780
Conc: 40.54 ng/ml



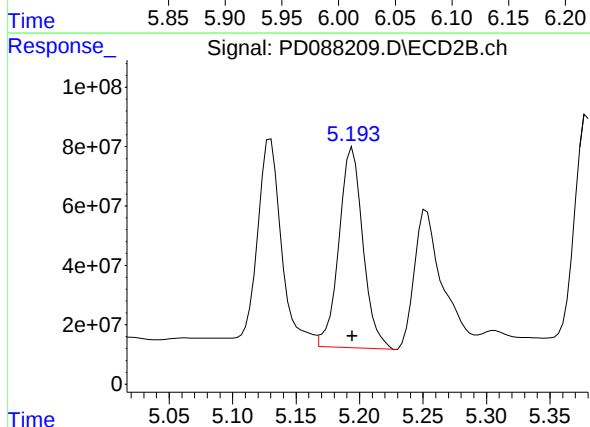
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 158694379
Conc: 43.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

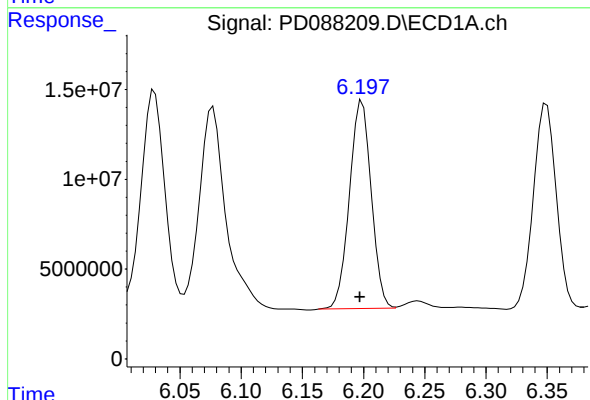
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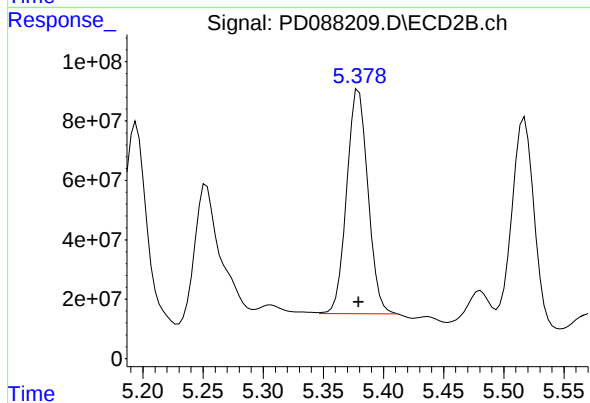
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 888160160
Conc: 45.31 ng/ml



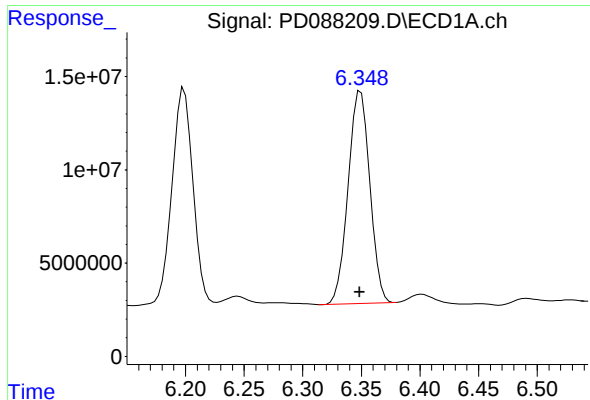
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 143480894
Conc: 43.50 ng/ml m



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 930894013
Conc: 47.27 ng/ml m



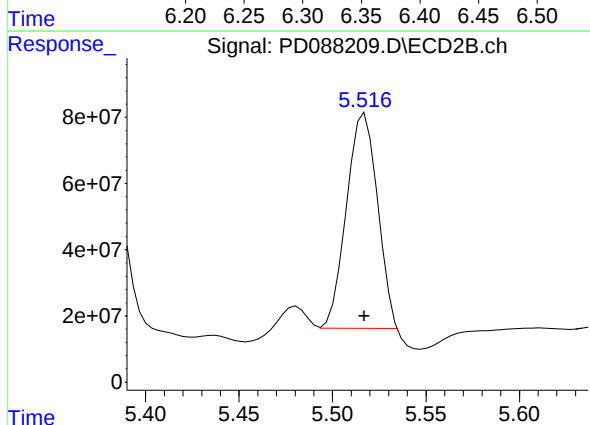
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 146696917
Conc: 41.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

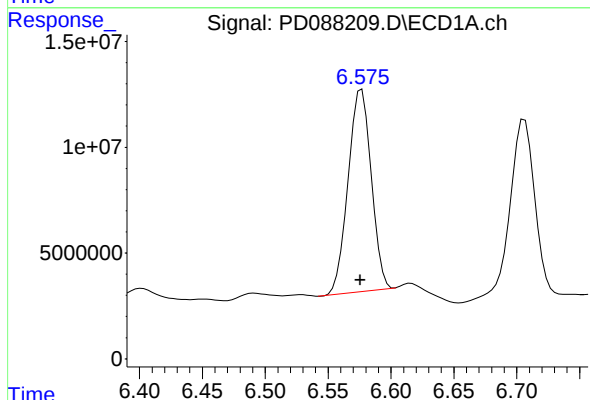
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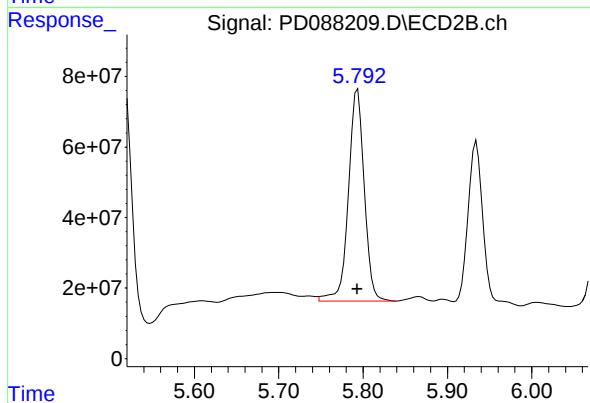
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 750223357
Conc: 37.64 ng/ml



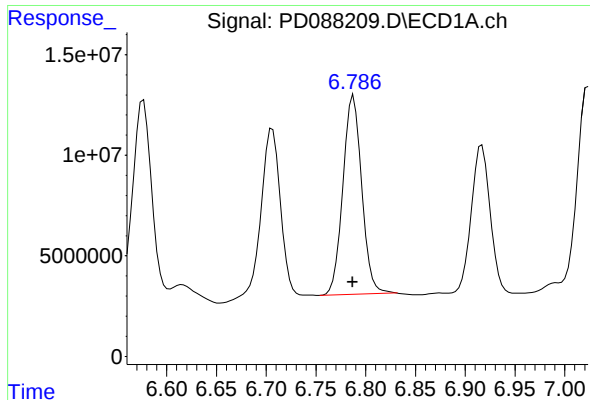
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 121821965
Conc: 40.84 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 785015191
Conc: 43.13 ng/ml



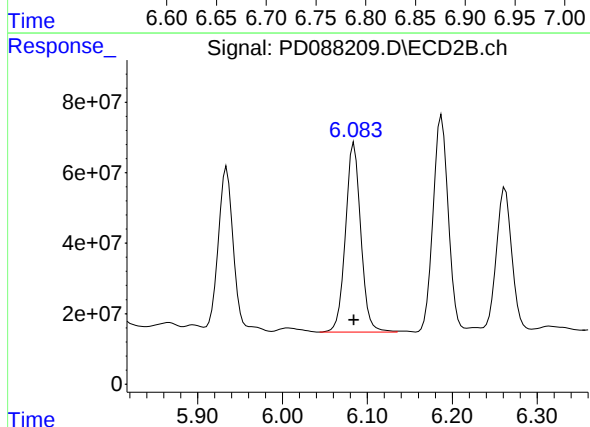
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 130565587
Conc: 41.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

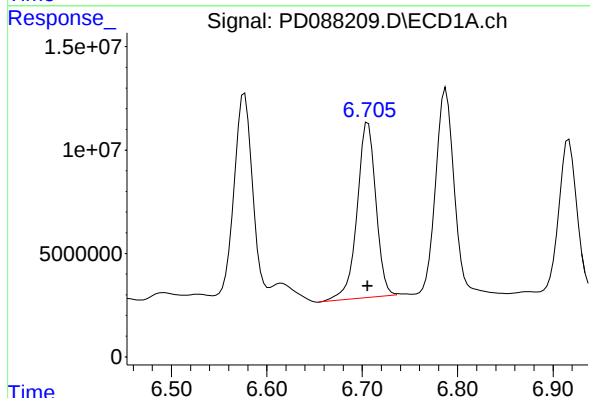
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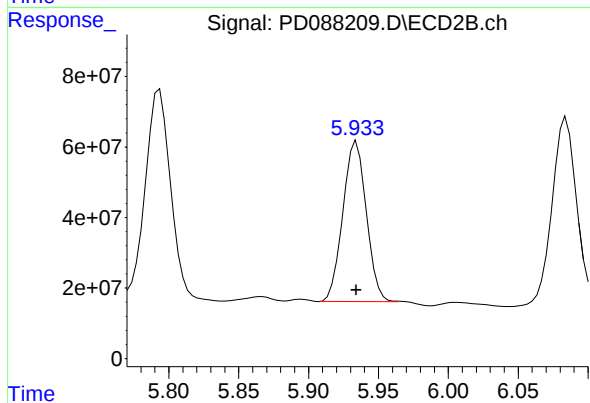
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 675471184
Conc: 38.55 ng/ml



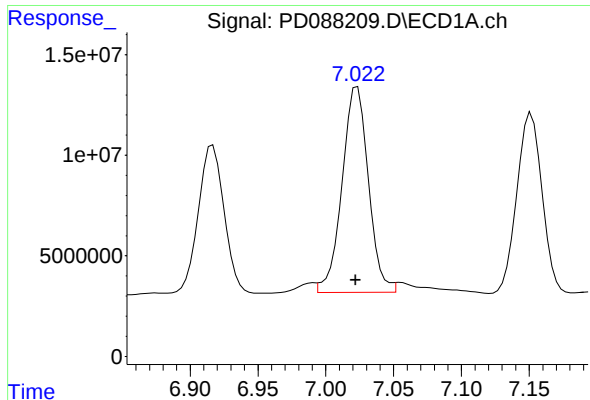
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 116460401
Conc: 46.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 531197071
Conc: 32.42 ng/ml m



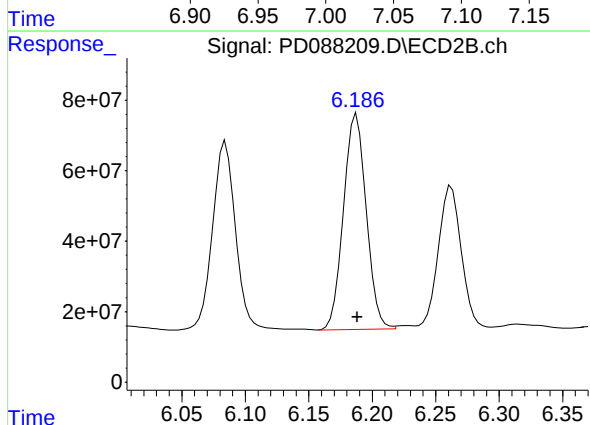
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 138177353
Conc: 49.75 ng/ml

Instrument :
ECD_D
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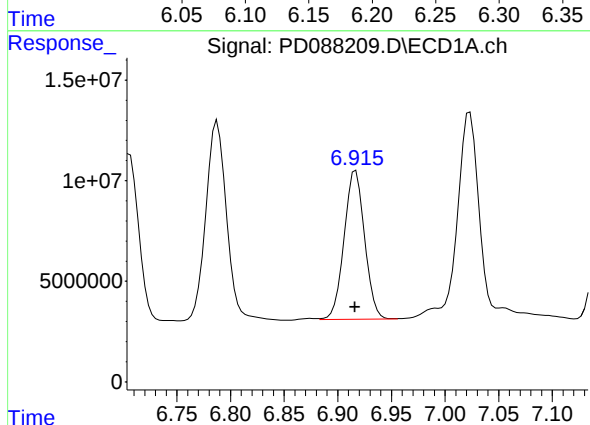
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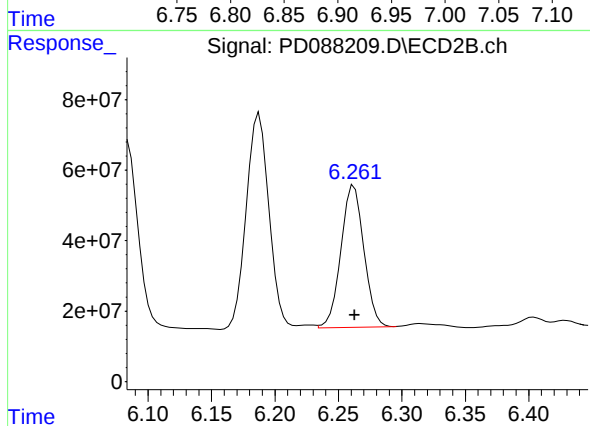
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 762295362
Conc: 44.80 ng/ml



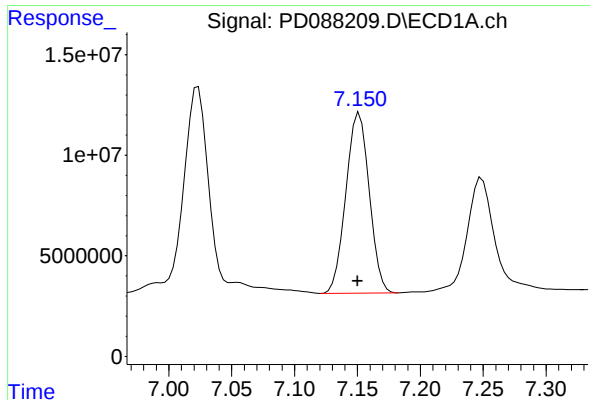
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 98142258
Conc: 42.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 505484515
Conc: 38.00 ng/ml



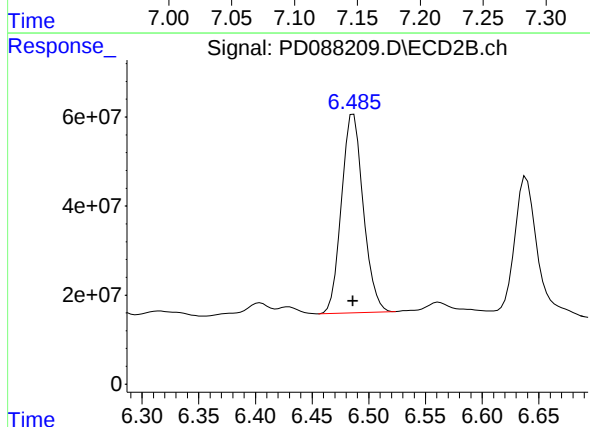
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 115671357
Conc: 40.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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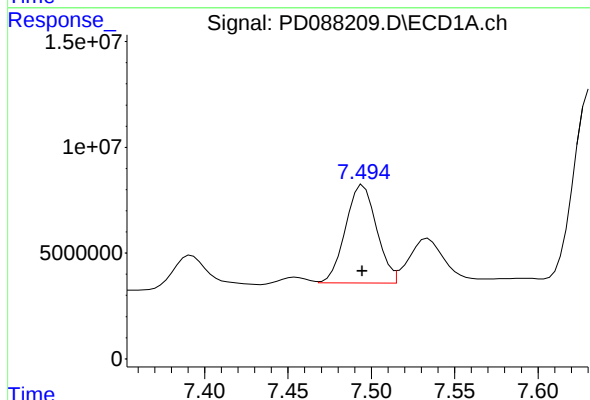
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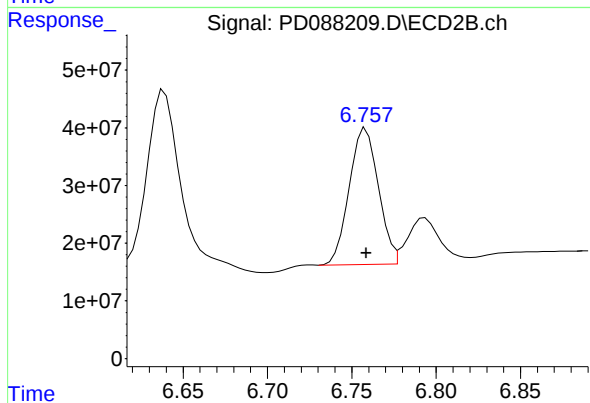
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 595952119
Conc: 34.78 ng/ml



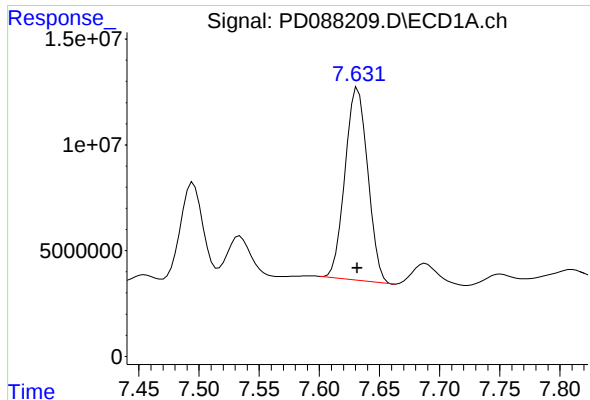
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 60352641
Conc: 40.25 ng/ml m



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 291645646
Conc: 31.97 ng/ml m



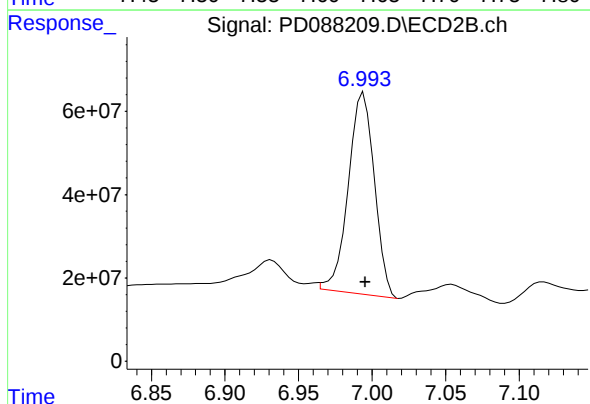
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 119958407
Conc: 38.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

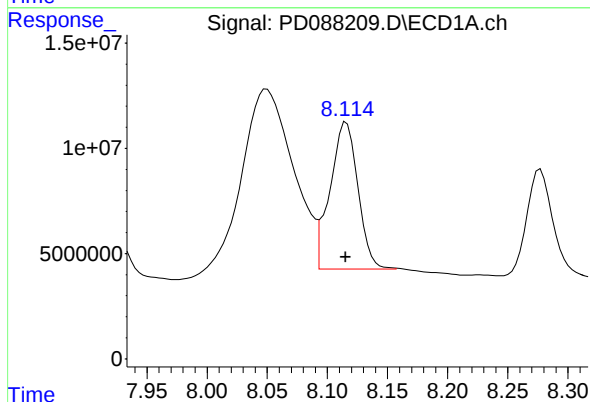
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



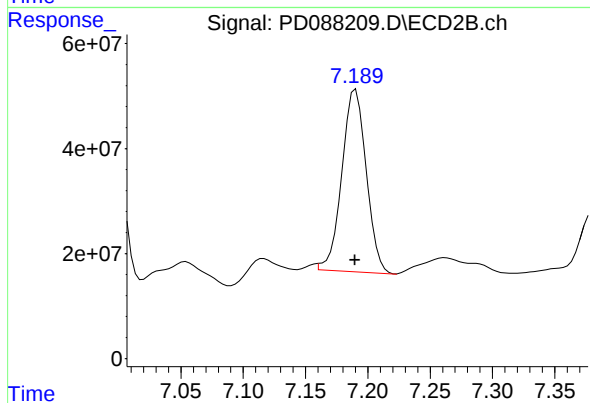
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 596846629
Conc: 31.91 ng/ml



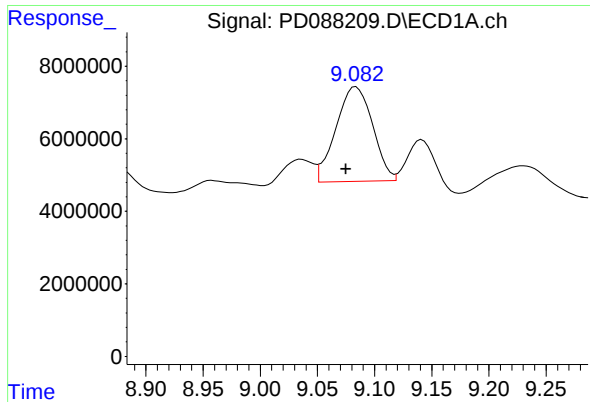
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 111327133
Conc: 47.41 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 472578094
Conc: 31.89 ng/ml



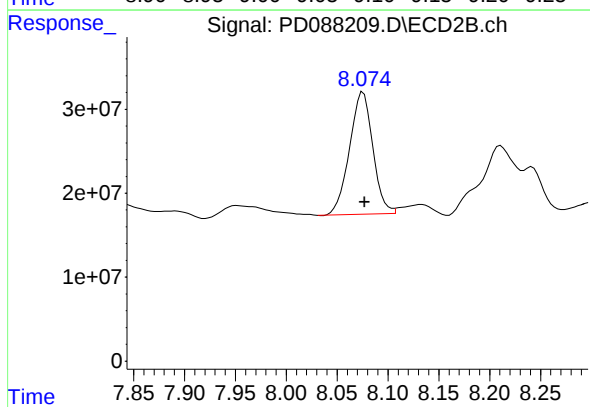
#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.009 min
Response: 58353364
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 231513089
Conc: 12.53 ng/ml