

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072225\
 Data File : PD089566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 11:07
 Operator : AR\AJ
 Sample : Q2578-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A5-01-CMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:47:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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	2.878	44563391	301.2E6	15.466	15.396m
28)	SA Decachlor...	9.069	8.069	85922999	509.4E6	20.921	20.735
Target Compounds							
2)	A alpha-BHC	3.998	3.391	258.1E6	1404.7E6	45.197	46.752
3)	MA gamma-BHC...	4.328	3.727	264.4E6	1201.6E6	47.915	43.282
4)	MA Heptachlor	4.927	4.080	248.2E6	1298.7E6	45.508	46.351
5)	MB Aldrin	5.269	4.366	237.6E6	1183.4E6	45.405	43.210
6)	B beta-BHC	4.515	4.021	78534378	509.5E6	36.423	42.803m
7)	B delta-BHC	4.763	4.260	249.4E6	1269.2E6	47.186	45.499
8)	B Heptachlo...	5.688	4.870	218.7E6	1141.0E6	46.299	45.895
9)	A Endosulfan I	6.072	5.244	218.7E6	975.4E6	49.193	41.077
10)	B gamma-Chl...	5.943	5.121	221.8E6	1239.9E6	46.789	46.345m
11)	B alpha-Chl...	6.024	5.187	219.3E6	1173.0E6	46.013	45.480
12)	B 4,4'-DDE	6.193	5.372	194.6E6	1168.0E6	45.327	44.485
13)	MA Dieldrin	6.344	5.509	226.3E6	1354.5E6	47.944	51.254
14)	MA Endrin	6.571	5.786	195.2E6	1153.2E6	47.933	47.688
15)	B Endosulfa...	6.784	6.077	146.6E6	873.6E6	36.021	38.035
16)	A 4,4'-DDD	6.701	5.926	160.5E6	1157.9E6	47.361m	52.817
17)	MA 4,4'-DDT	7.018	6.180	181.7E6	1176.3E6	48.161	50.253
18)	B Endrin al...	6.911	6.255	147.0E6	828.3E6	50.413m	49.904
19)	B Endosulfa...	7.147	6.479	180.6E6	1051.7E6	47.844	47.380
20)	A Methoxychlor	7.490	6.750	95226151	578.6E6	47.497	47.462
21)	B Endrin ke...	7.627	6.988	195.7E6	1157.4E6	48.641	47.261
22)	Mirex	8.111	7.181	143.8E6	901.7E6	46.758	46.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072225\
Data File : PD089566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 11:07
Operator : AR\AJ
Sample : Q2578-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

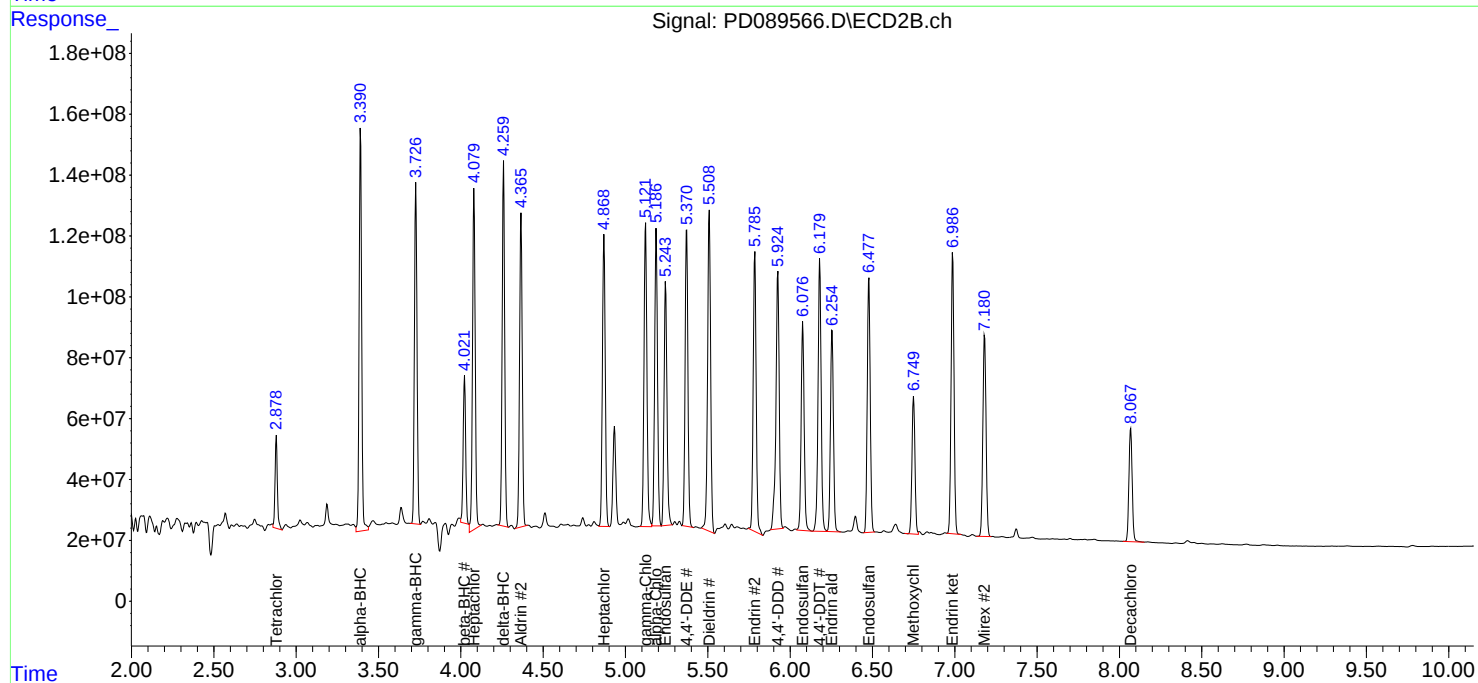
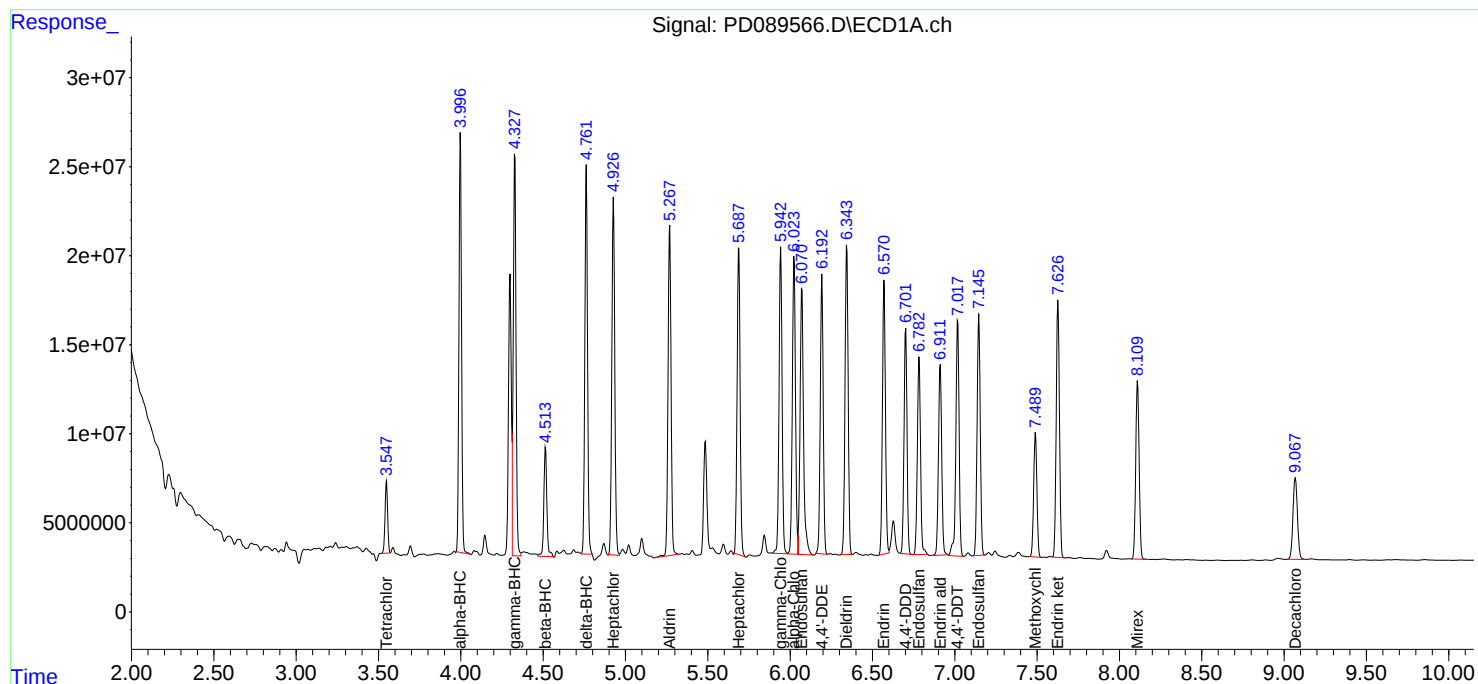
Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

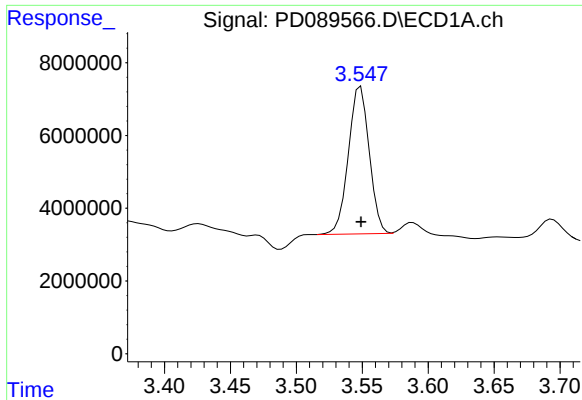
Manual Integrations
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Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:47:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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





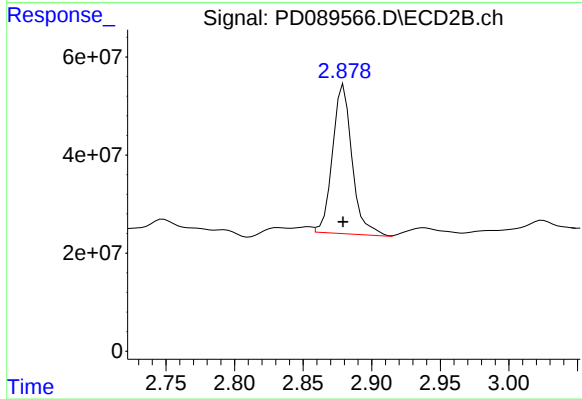
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 44563391
Conc: 15.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

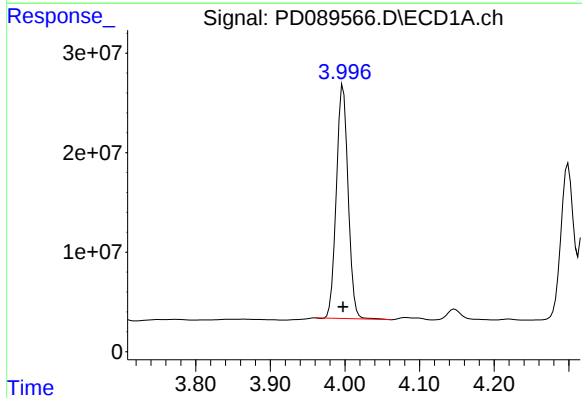
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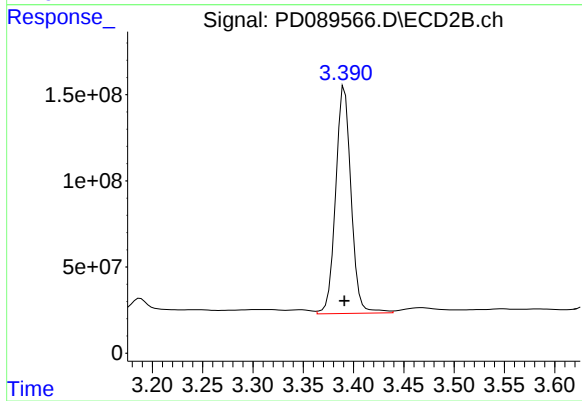
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 301236163
Conc: 15.40 ng/ml m



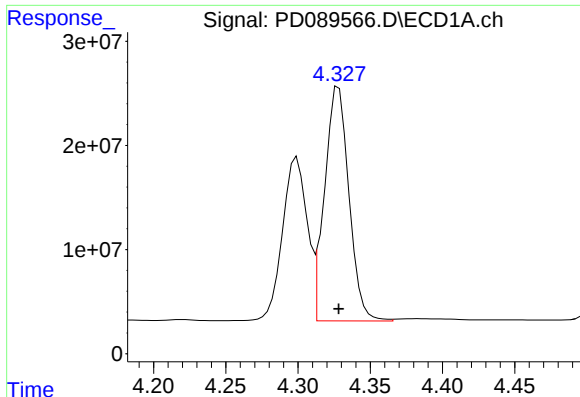
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 258055390
Conc: 45.20 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 1404664145
Conc: 46.75 ng/ml



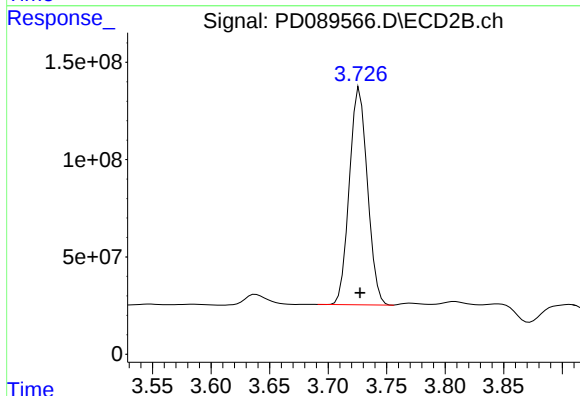
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 264367576
Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

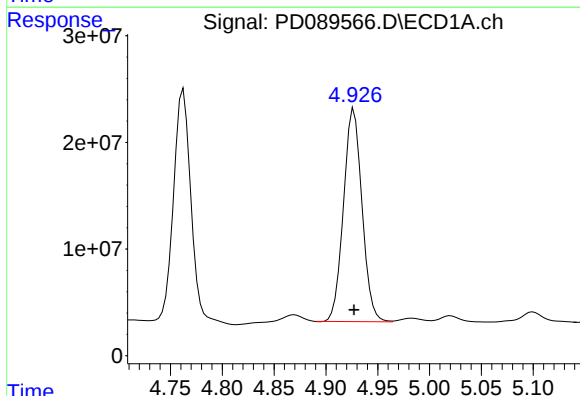
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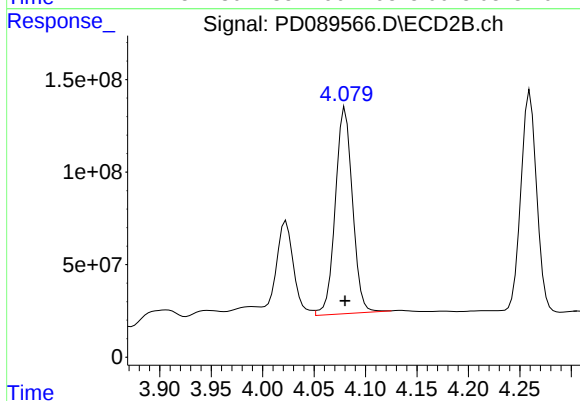
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 1201616507
Conc: 43.28 ng/ml



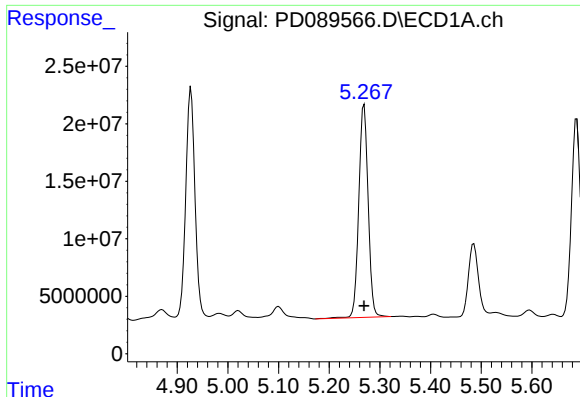
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 248194650
Conc: 45.51 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1298668332
Conc: 46.35 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 237598664
Conc: 45.40 ng/ml

Instrument :

ECD_D

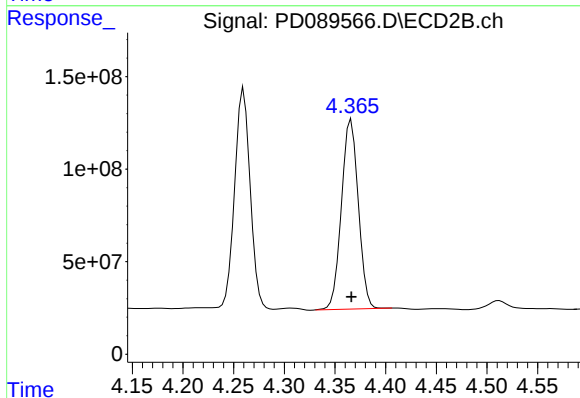
ClientSampleId :

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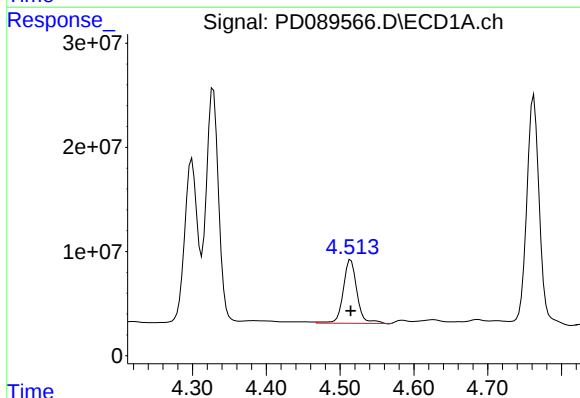
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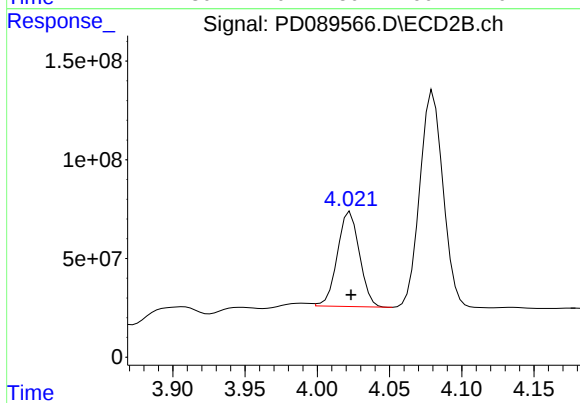
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 1183373884
Conc: 43.21 ng/ml



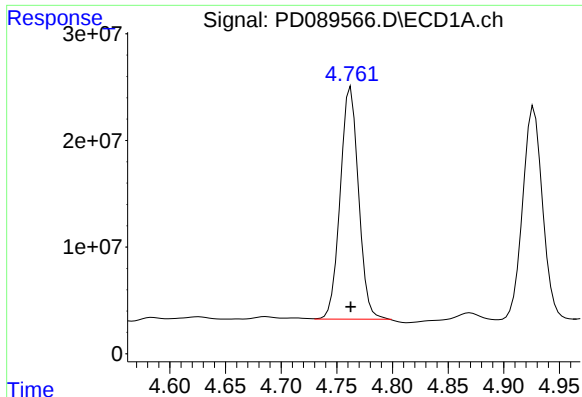
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 78534378
Conc: 36.42 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: -0.002 min
Response: 509466757
Conc: 42.80 ng/ml m



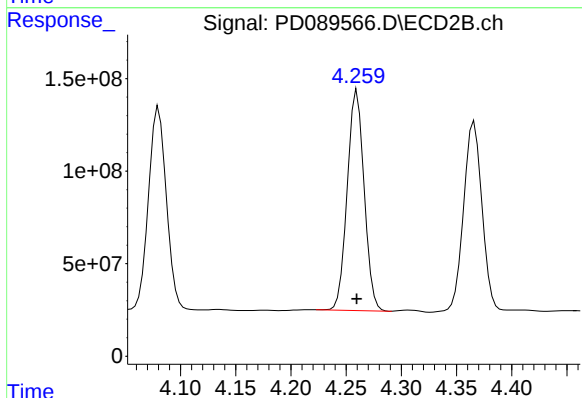
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 249384880
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

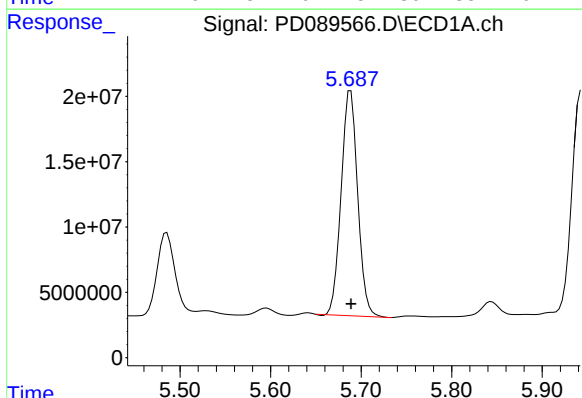
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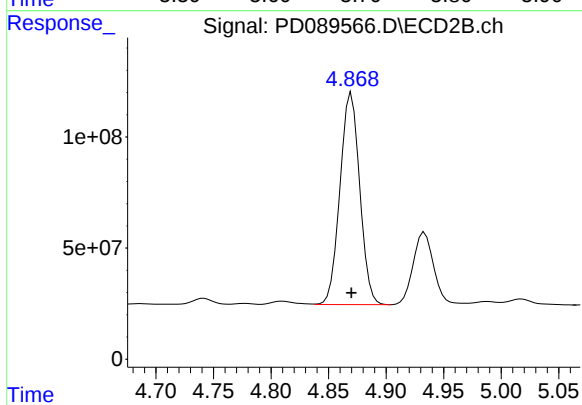
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 1269245806
Conc: 45.50 ng/ml



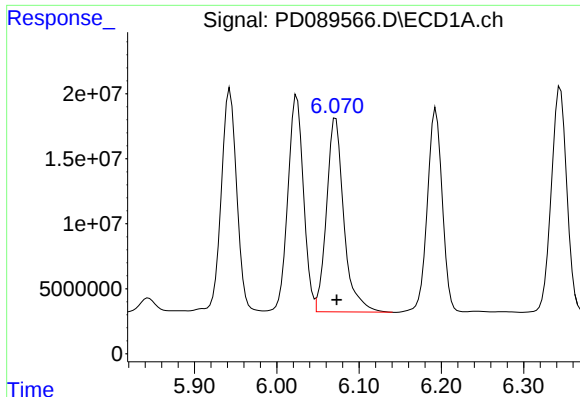
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 218699434
Conc: 46.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 1141022241
Conc: 45.89 ng/ml



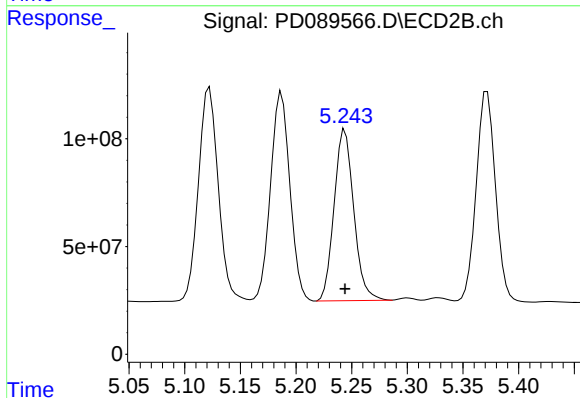
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 218696149
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

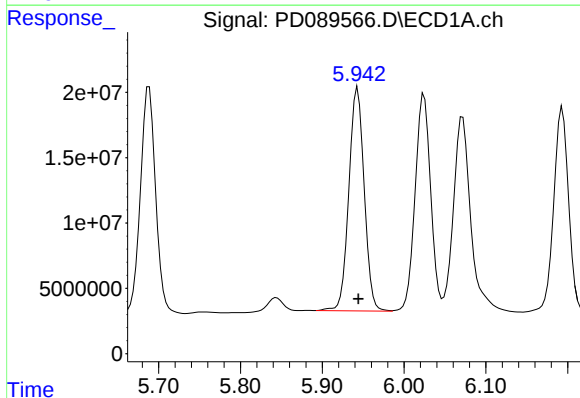
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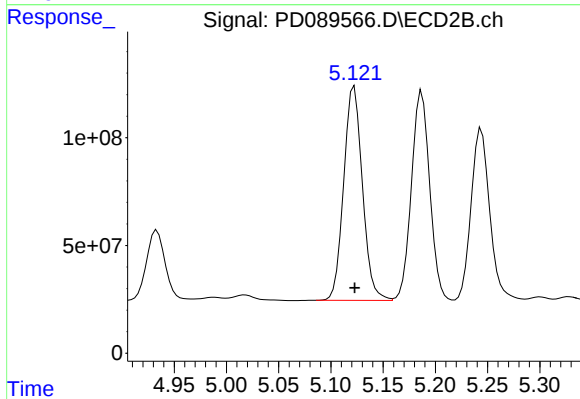
#9 Endosulfan I

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 975423311
Conc: 41.08 ng/ml



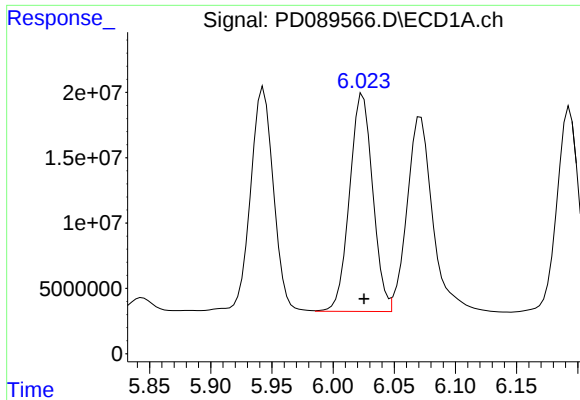
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 221828575
Conc: 46.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 1239864038
Conc: 46.35 ng/ml m



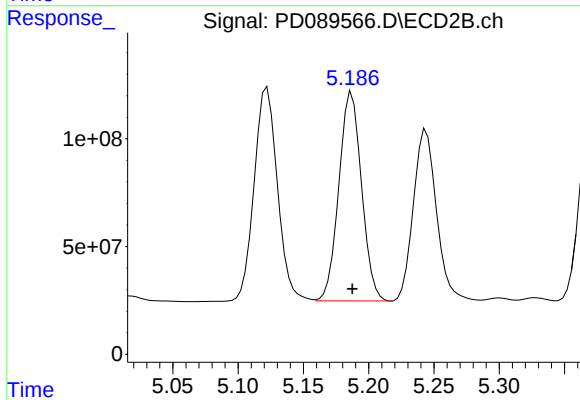
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 219328036
Conc: 46.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

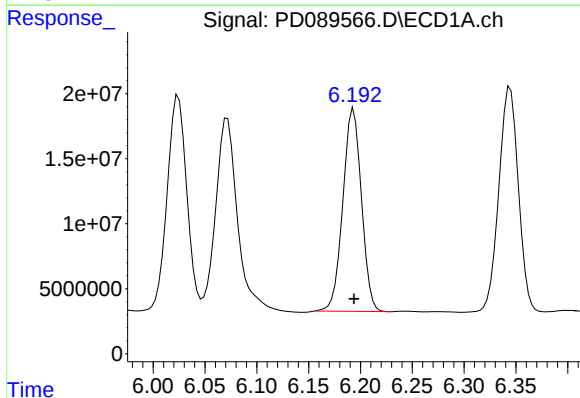
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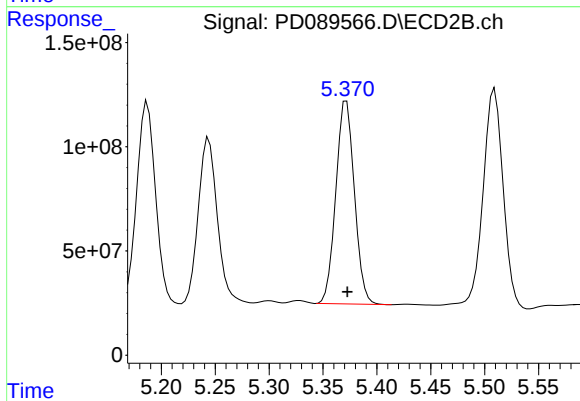
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 1173036878
Conc: 45.48 ng/ml



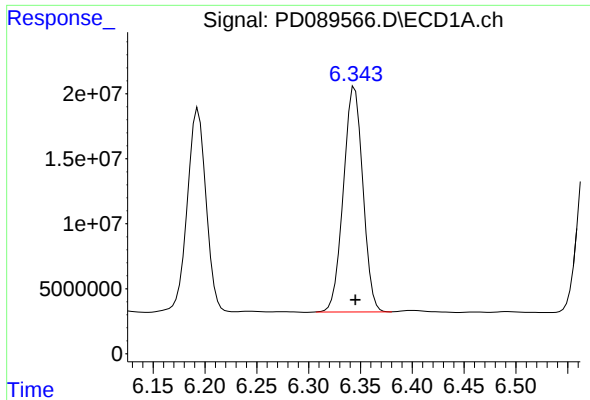
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 194627499
Conc: 45.33 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 1168007395
Conc: 44.48 ng/ml



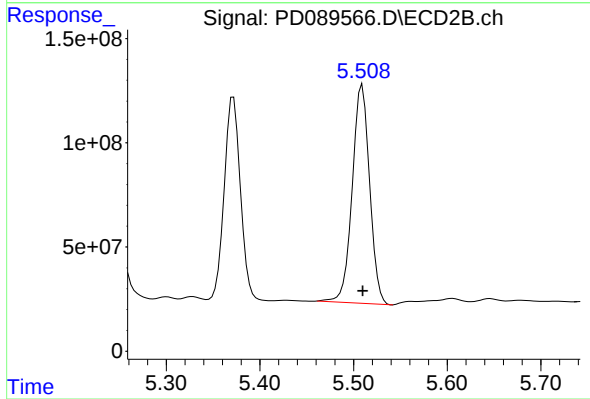
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 226327150
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
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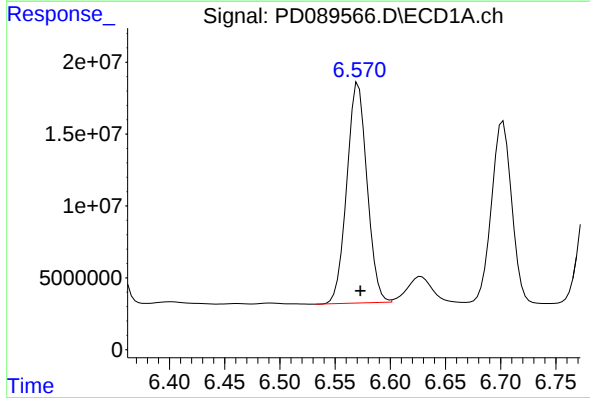
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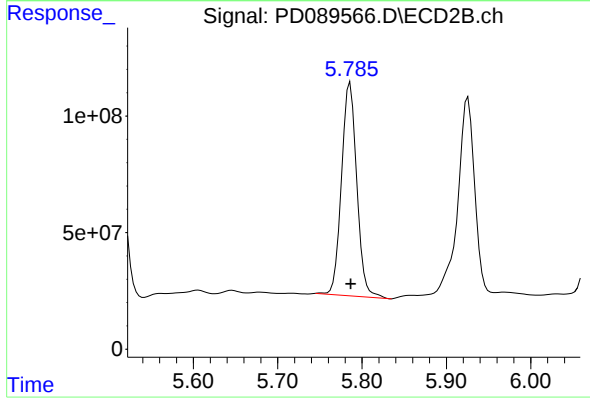
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 1354483881
Conc: 51.25 ng/ml



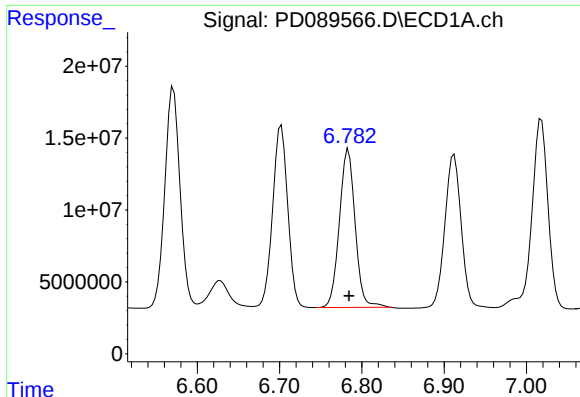
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 195210416
Conc: 47.93 ng/ml



#14 Endrin

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 1153174367
Conc: 47.69 ng/ml



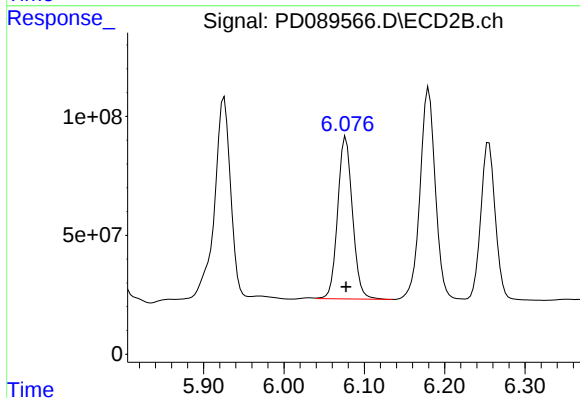
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 146564233
Conc: 36.02 ng/ml

Instrument :
ECD_D
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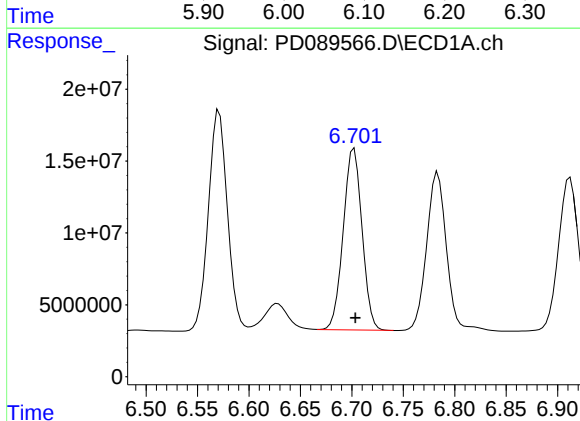
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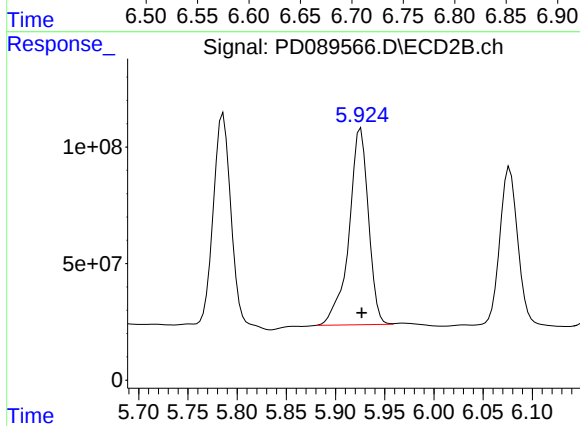
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 873591773
Conc: 38.03 ng/ml



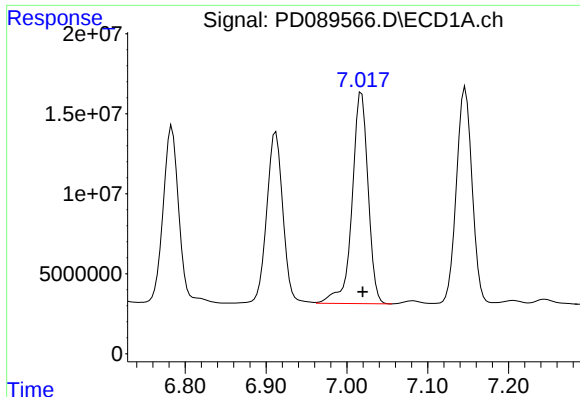
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 160494963
Conc: 47.36 ng/ml m



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 1157854415
Conc: 52.82 ng/ml



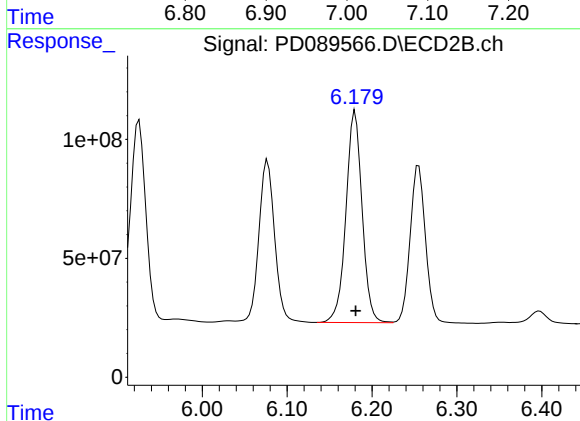
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 181709173
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

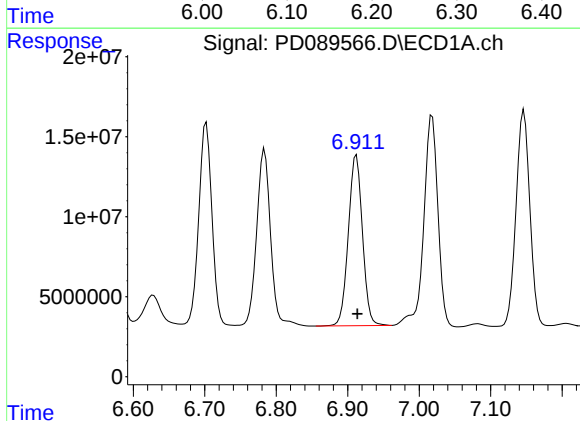
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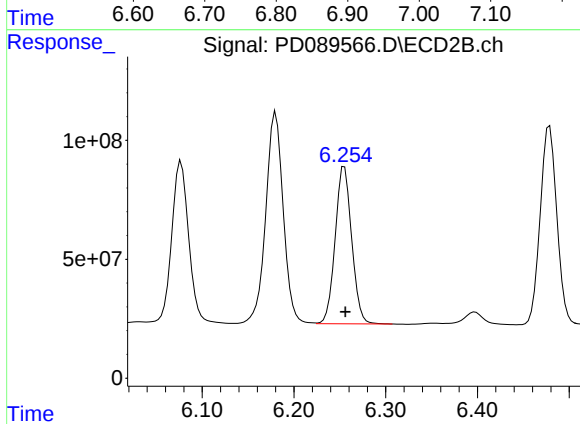
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1176273514
Conc: 50.25 ng/ml



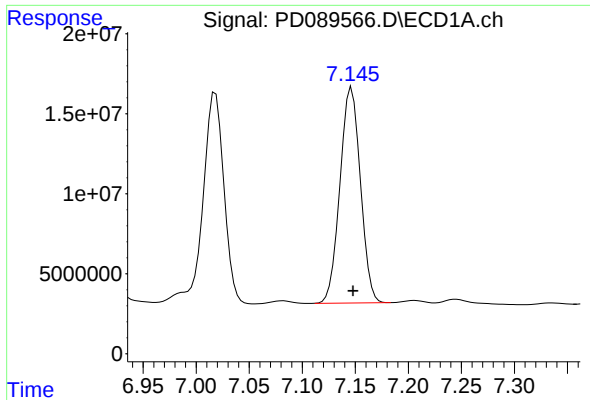
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.003 min
Response: 146983509
Conc: 50.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 828272308
Conc: 49.90 ng/ml



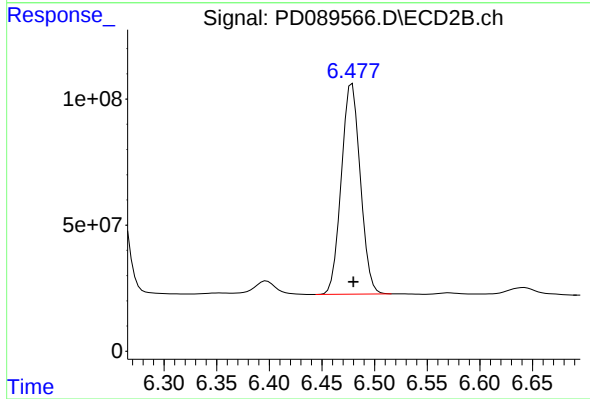
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 180572594
Conc: 47.84 ng/ml

Instrument :
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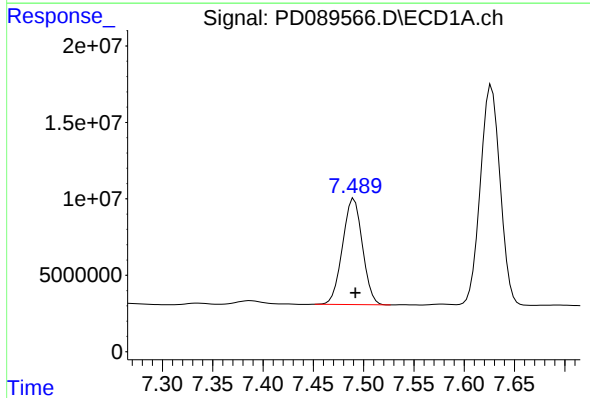
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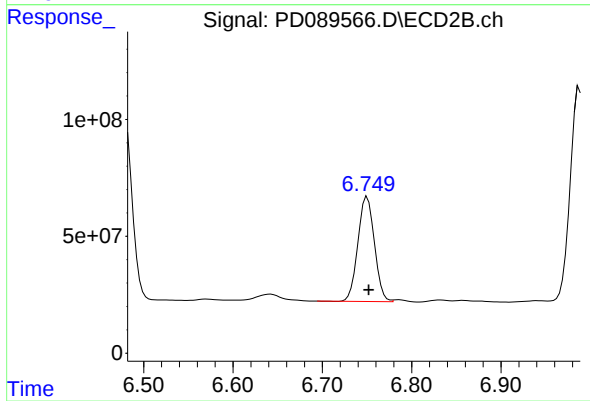
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 1051745545
Conc: 47.38 ng/ml



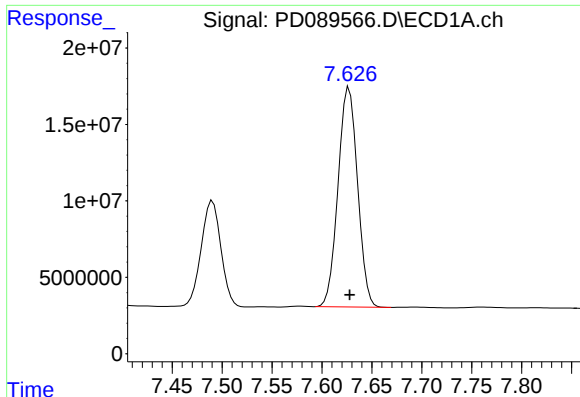
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 95226151
Conc: 47.50 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 578649043
Conc: 47.46 ng/ml



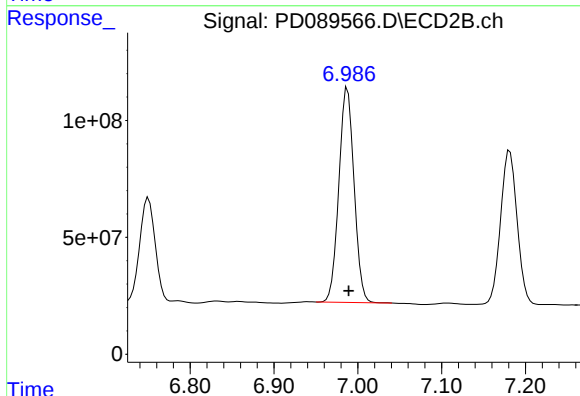
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 195743466
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-01-CMS

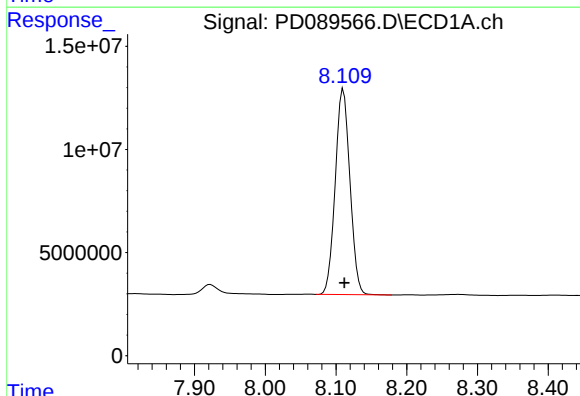
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



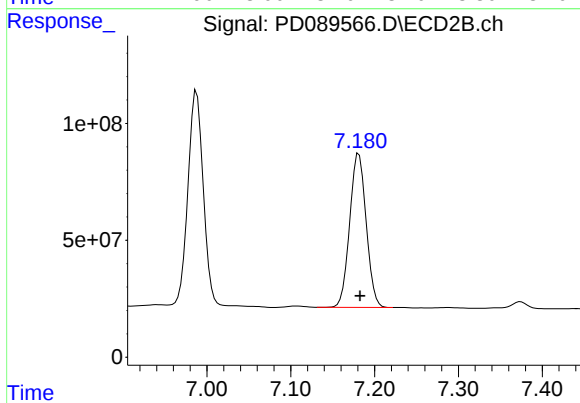
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 1157358953
Conc: 47.26 ng/ml



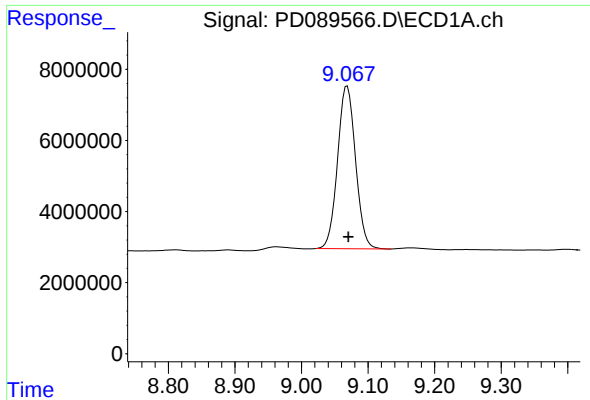
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.001 min
Response: 143836798
Conc: 46.76 ng/ml



#22 Mirex

R.T.: 7.181 min
Delta R.T.: -0.001 min
Response: 901650137
Conc: 46.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 85922999
Conc: 20.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

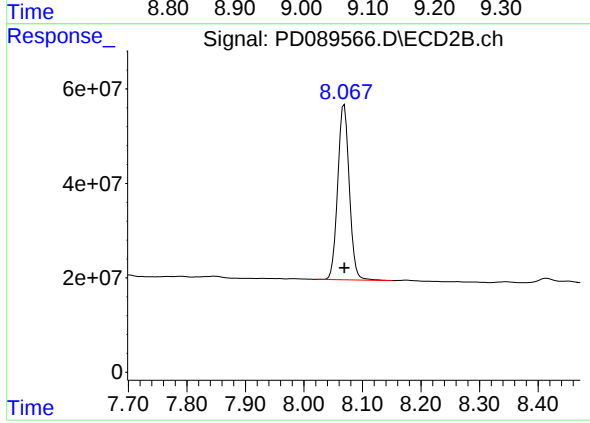
WC-A5-01-CMS

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/24/2025



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 509426648
Conc: 20.74 ng/ml