

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111521\
 Data File : PD066946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2021 18:04
 Operator : AR\AJ
 Sample : M4681-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/16/2021
 Supervised By : mohammad ahmed 11/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 06:17:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.437	3.968	36946730	178.3E6	19.802	22.031
28)	SA Decachlor...	8.163	9.027	19891969	102.8E6	17.216	19.090
Target Compounds							
2)	A alpha-BHC	3.874	4.361	151.2E6	537.4E6	49.439	48.708
3)	MA gamma-BHC...	4.156	4.646	140.6E6	482.7E6	46.573	48.442
4)	MA Heptachlor	4.449	5.146	143.1E6	441.1E6	48.232	45.001
5)	MB Aldrin	4.695	5.450	123.7E6	418.2E6	42.935	46.066
6)	B beta-BHC	4.404	4.823	57232384	209.4E6	45.818	44.971
7)	B delta-BHC	4.606	5.038	135.7E6	455.2E6	50.465	49.799
8)	B Heptachlo...	5.136	5.839	128.8E6	372.0E6	49.798	51.325
9)	A Endosulfan I	5.472	6.196	118.2E6	376.0E6	49.769	47.684
10)	B gamma-Chl...	5.359	6.073	130.0E6	389.3E6	49.885	46.662
11)	B alpha-Chl...	5.418	6.144	127.2E6	392.2E6	49.575	47.284
12)	B 4,4'-DDE	5.582	6.305	118.0E6	380.9E6	50.665	48.339
13)	MA Dieldrin	5.714	6.455	125.7E6	401.5E6	50.241	48.392
14)	MA Endrin	5.971	6.673	110.8E6	349.3E6	52.933	50.759
15)	B Endosulfa...	6.244	6.887	95591658	338.9E6	48.071	47.997
16)	A 4,4'-DDD	6.096	6.798	93999176	337.5E6	50.137	49.674m
17)	MA 4,4'-DDT	6.335	7.097	97601742	345.5E6	50.743	47.639
18)	B Endrin al...	6.412	7.013	68623549	253.7E6	44.395	44.610
19)	B Endosulfa...	6.624	7.235	88060020	333.0E6	47.316	45.908
20)	A Methoxychlor	6.882	7.559	50038745	190.2E6	48.455	46.686
21)	B Endrin ke...	7.116	7.709	91827122	366.2E6	42.083	43.542
22)	Mirex	7.297	8.157	71050161	269.6E6	45.675	45.583

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111521\
 Data File : PD066946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2021 18:04
 Operator : AR\AJ
 Sample : M4681-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

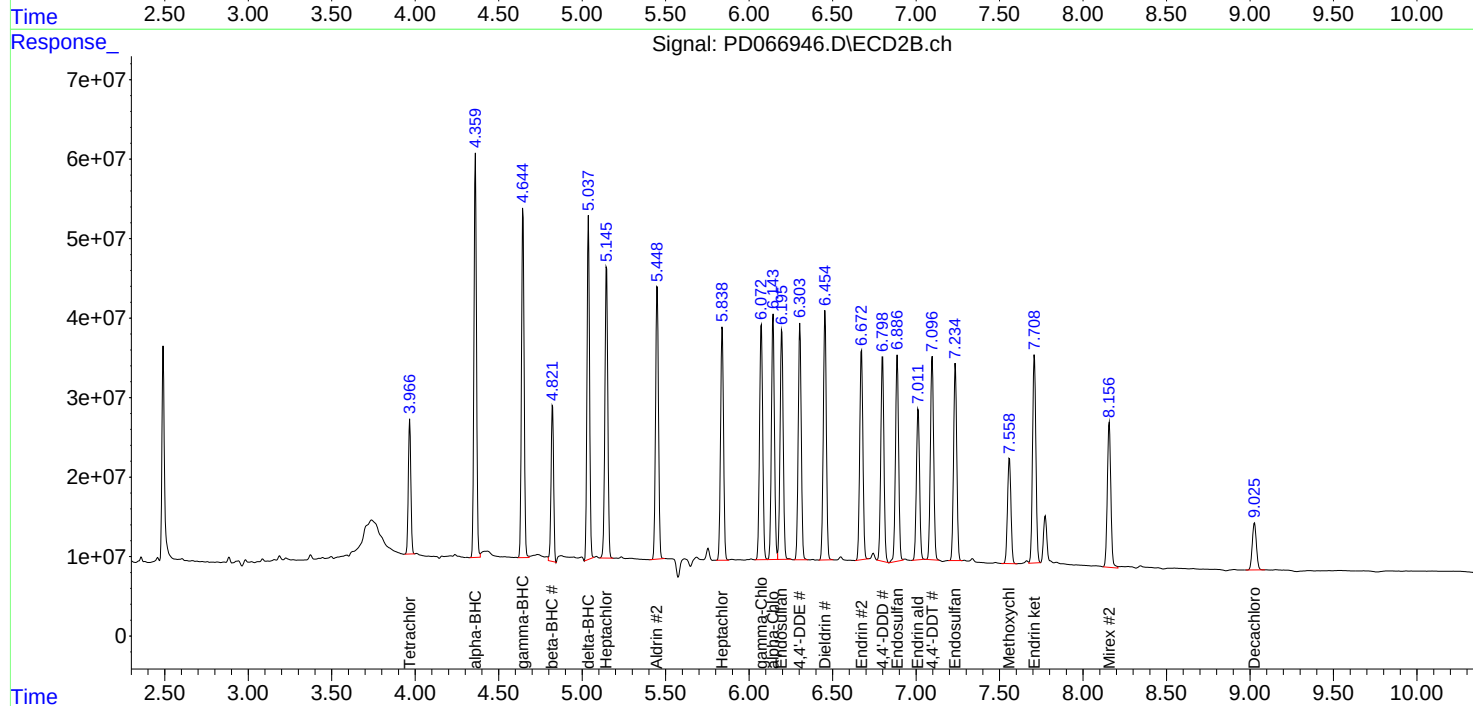
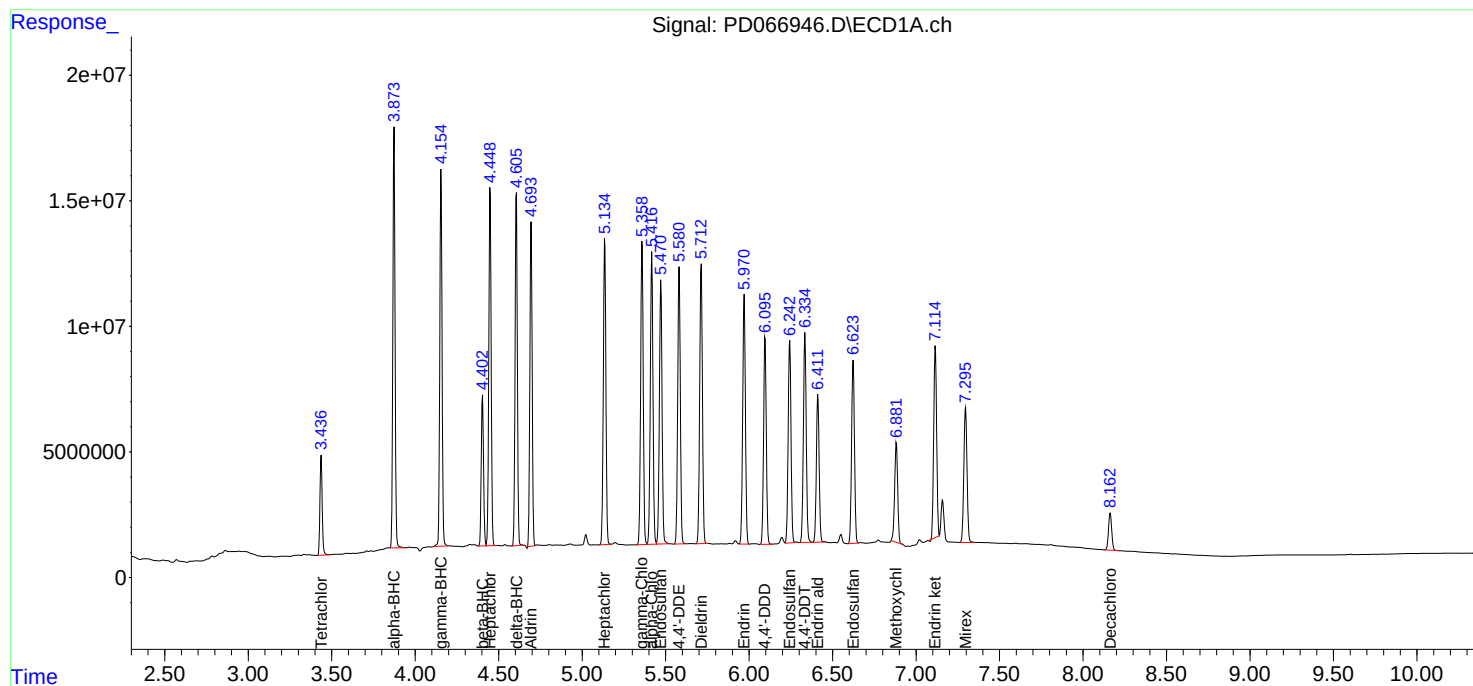
Instrument :
 ECD_D
 ClientSampleId :
 COMP-1MS

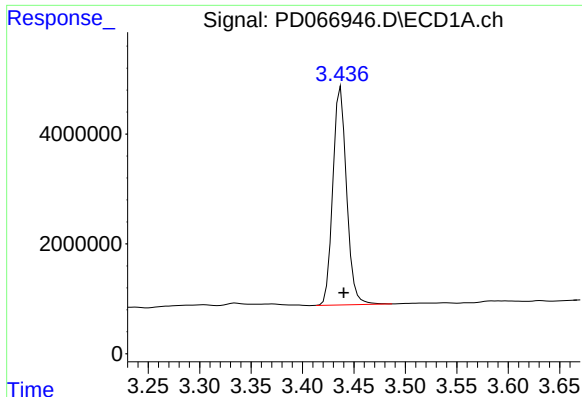
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 11/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 06:17:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





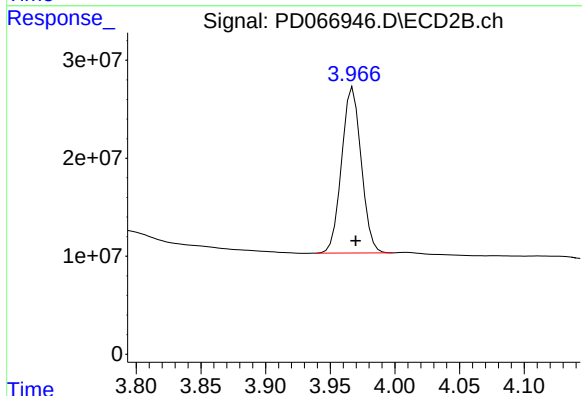
#1 Tetrachloro-m-xylene

R.T.: 3.437 min
Delta R.T.: -0.003 min
Response: 36946730
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

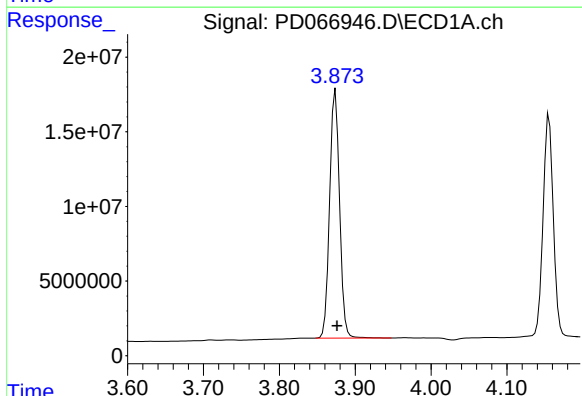
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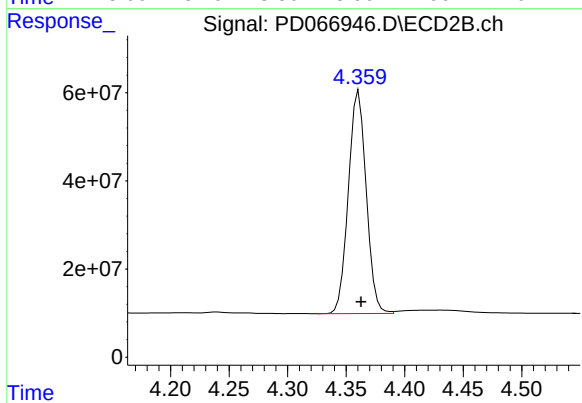
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 178277957
Conc: 22.03 ng/ml



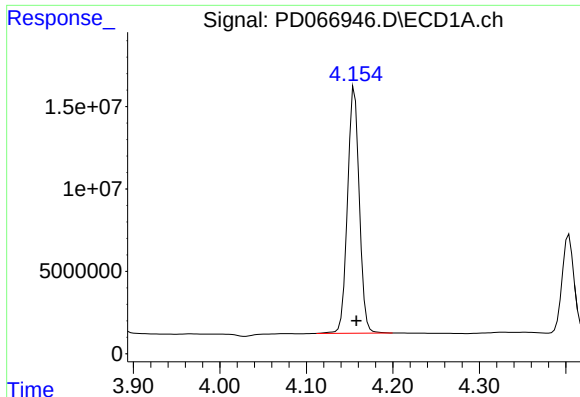
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 151150804
Conc: 49.44 ng/ml



#2 alpha-BHC

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 537382201
Conc: 48.71 ng/ml



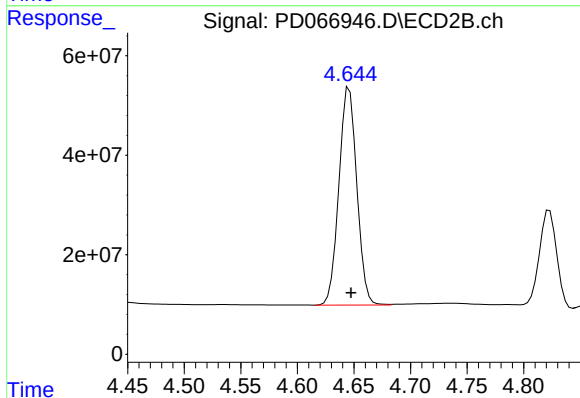
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 140647791
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

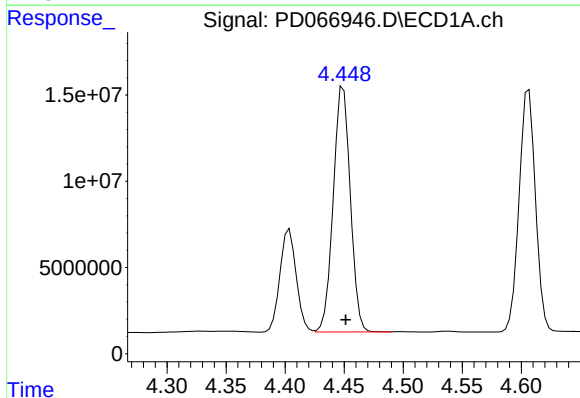
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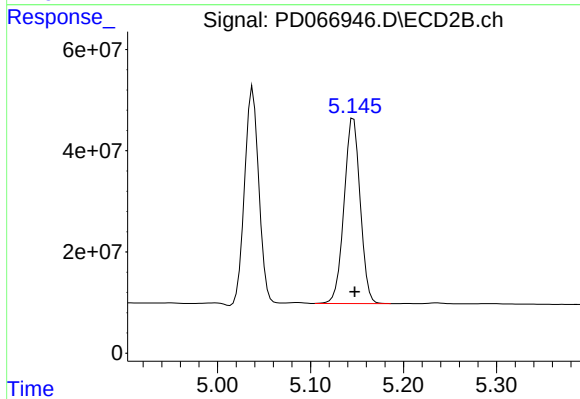
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 482738370
Conc: 48.44 ng/ml



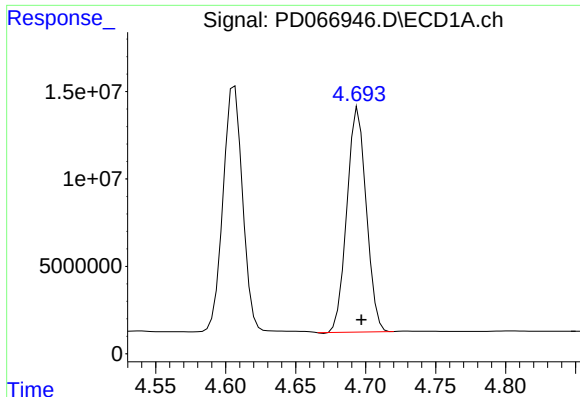
#4 Heptachlor

R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 143085871
Conc: 48.23 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 441095740
Conc: 45.00 ng/ml



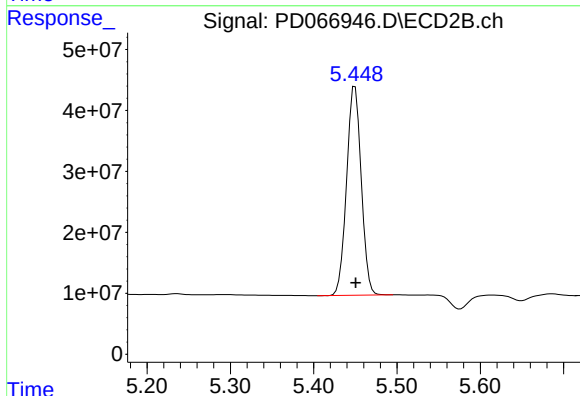
#5 Aldrin

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 123730674
Conc: 42.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

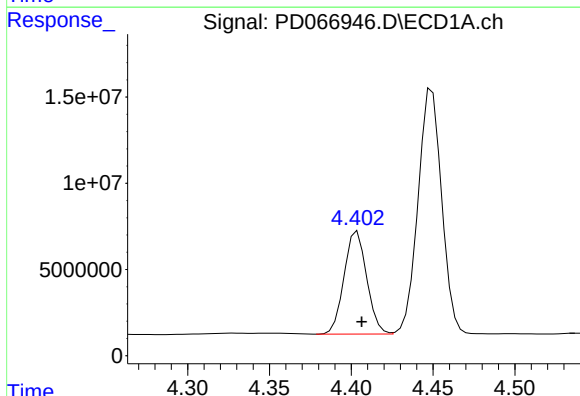
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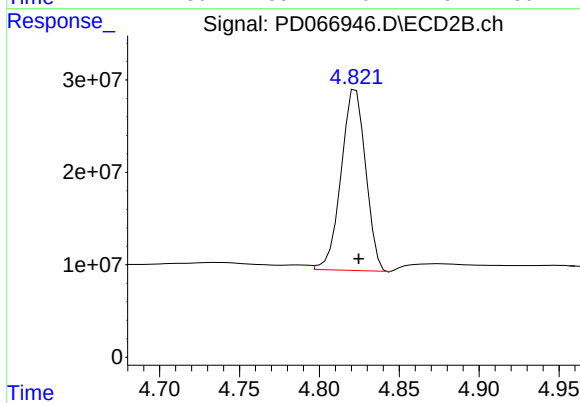
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 418168704
Conc: 46.07 ng/ml



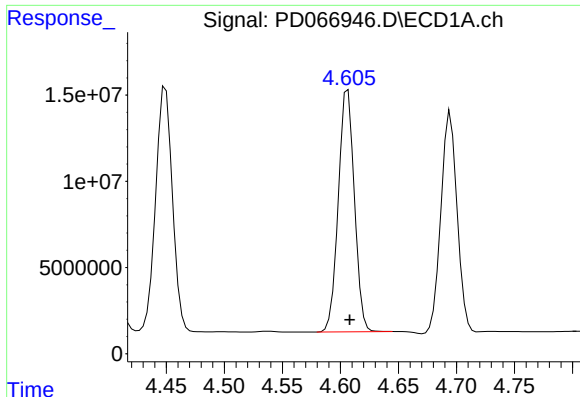
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.003 min
Response: 57232384
Conc: 45.82 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 209399162
Conc: 44.97 ng/ml



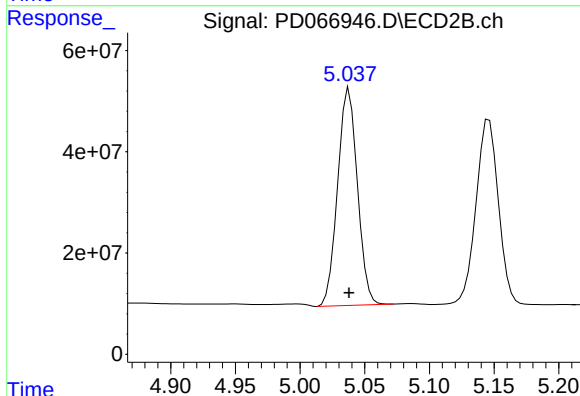
#7 delta-BHC

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 135662686
Conc: 50.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

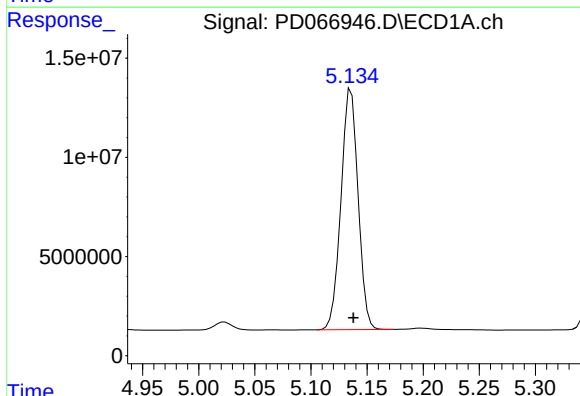
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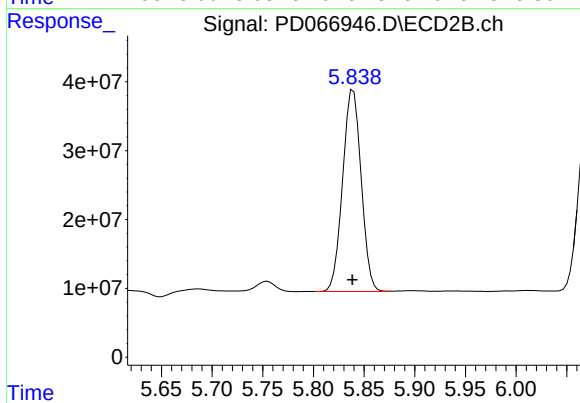
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 455183216
Conc: 49.80 ng/ml



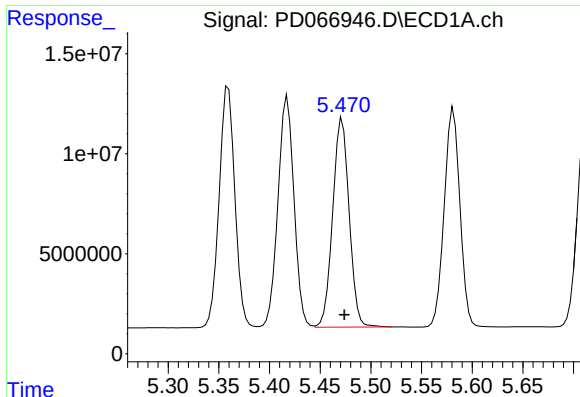
#8 Heptachlor epoxide

R.T.: 5.136 min
Delta R.T.: -0.002 min
Response: 128810167
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 371997625
Conc: 51.33 ng/ml



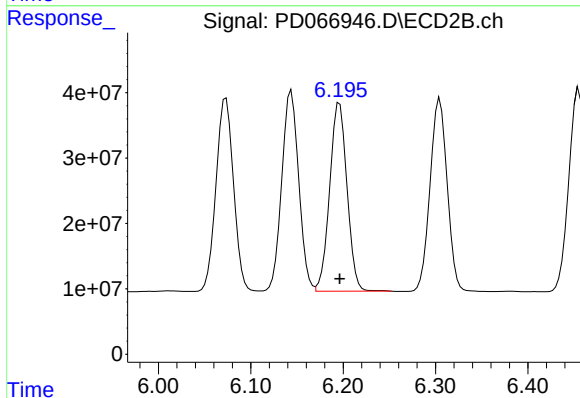
#9 Endosulfan I

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 118190462
Conc: 49.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

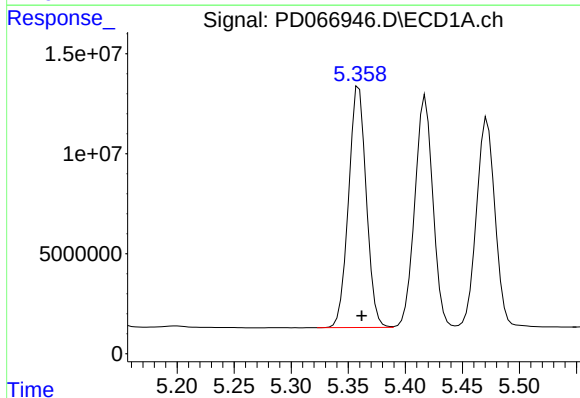
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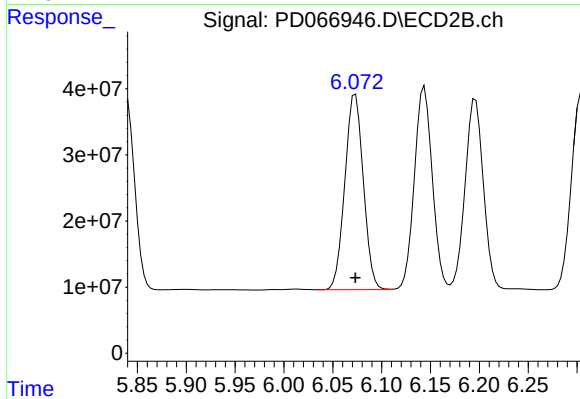
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 375983377
Conc: 47.68 ng/ml



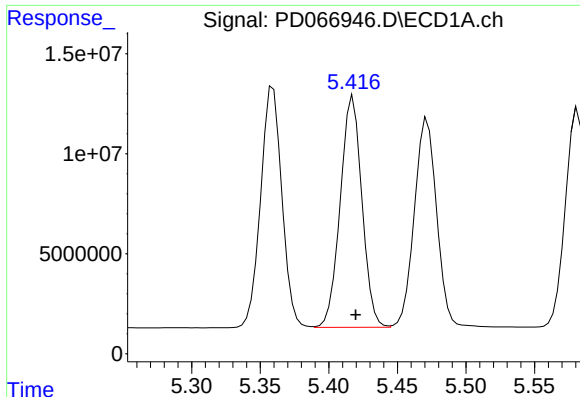
#10 gamma-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 129969790
Conc: 49.88 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 389307144
Conc: 46.66 ng/ml



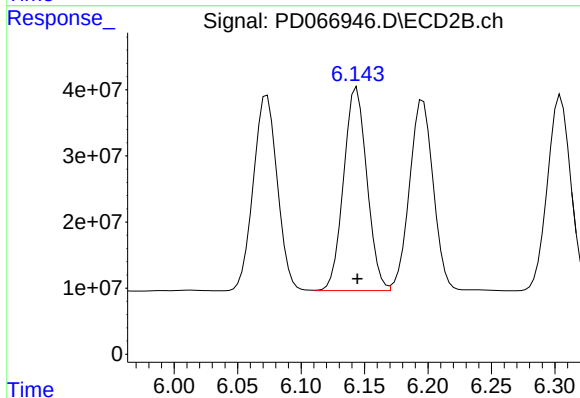
#11 alpha-Chlordane

R.T.: 5.418 min
Delta R.T.: -0.002 min
Response: 127226485
Conc: 49.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

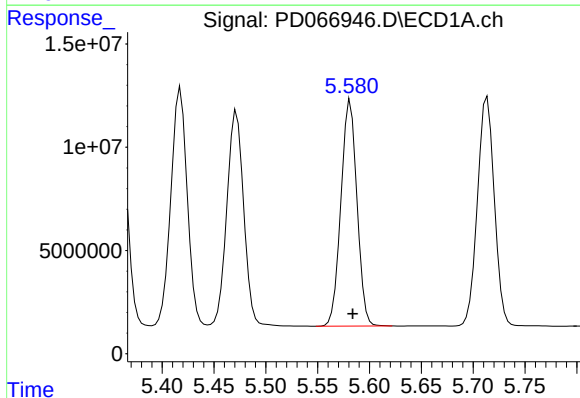
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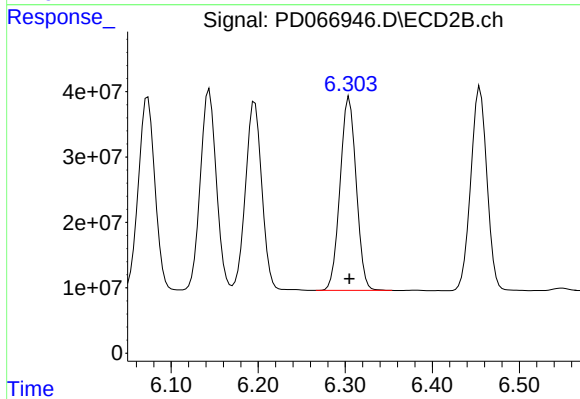
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 392203264
Conc: 47.28 ng/ml



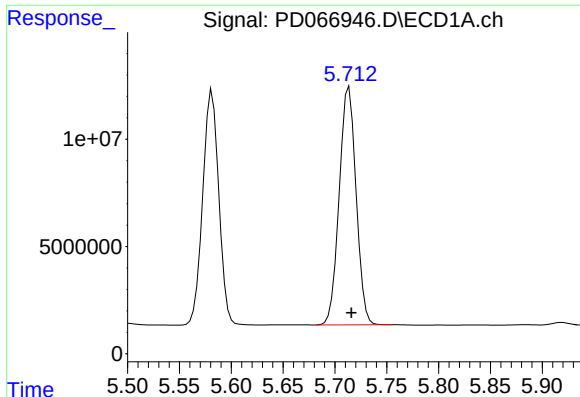
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 118042458
Conc: 50.67 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 380945478
Conc: 48.34 ng/ml



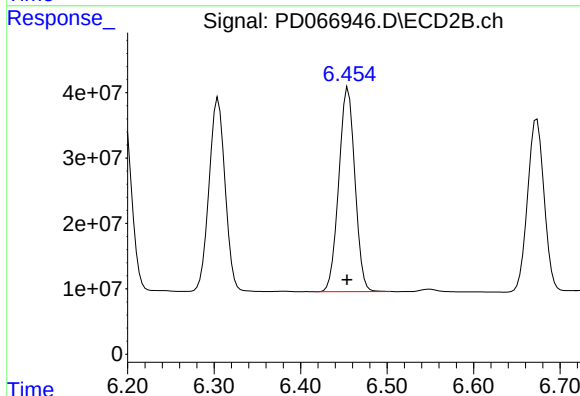
#13 Dieldrin

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 125716771
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

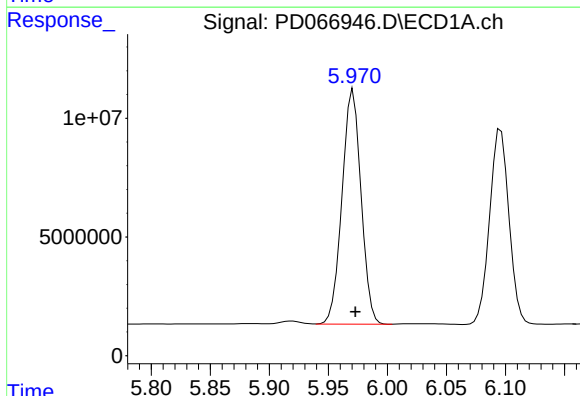
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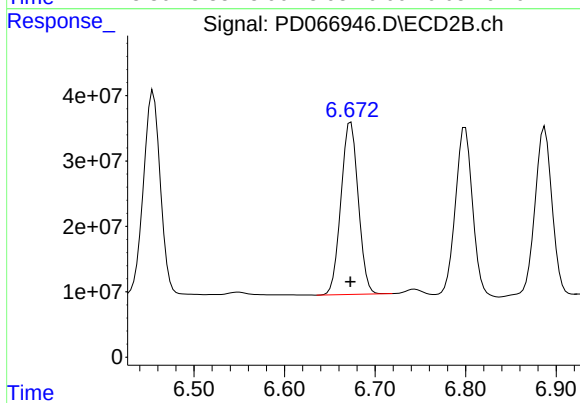
#13 Dieldrin

R.T.: 6.455 min
Delta R.T.: 0.001 min
Response: 401536621
Conc: 48.39 ng/ml



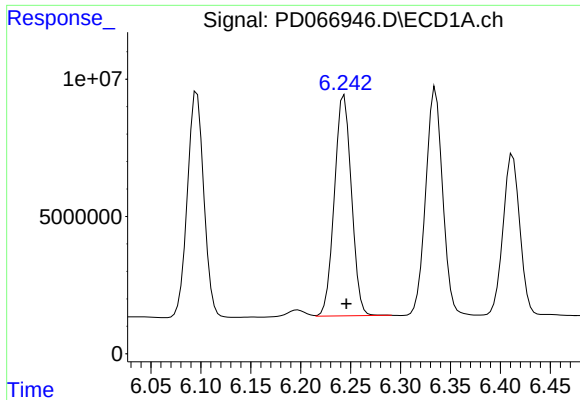
#14 Endrin

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 110780456
Conc: 52.93 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 349348331
Conc: 50.76 ng/ml



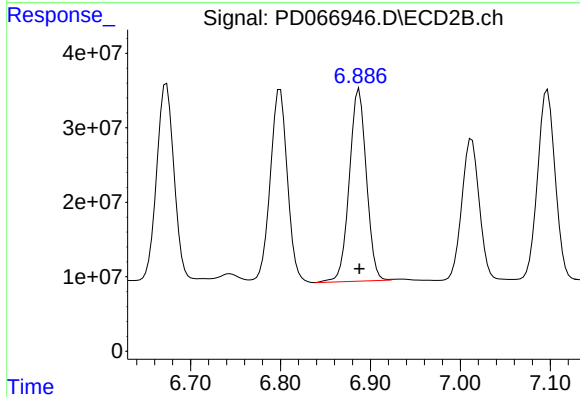
#15 Endosulfan II

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 95591658
Conc: 48.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

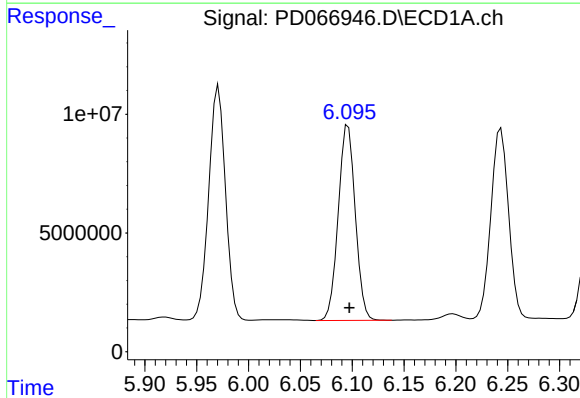
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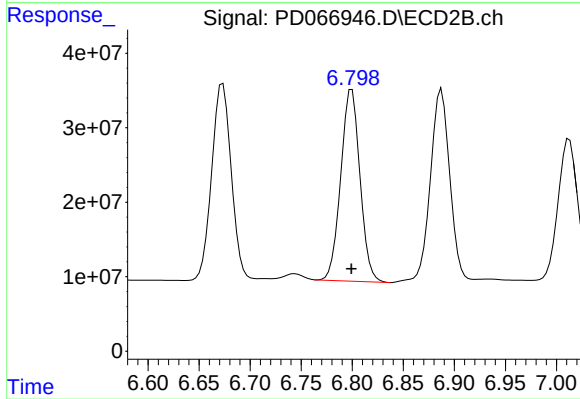
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 338885362
Conc: 48.00 ng/ml



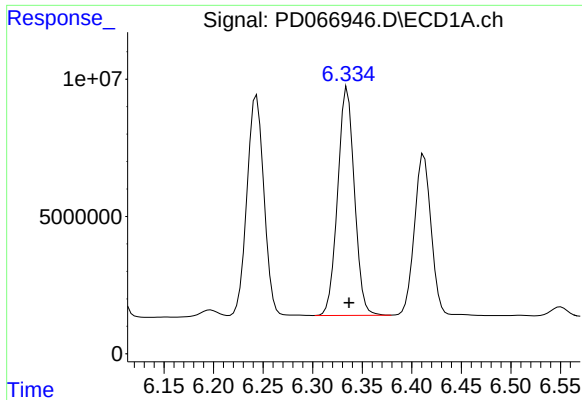
#16 4,4'-DDD

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 93999176
Conc: 50.14 ng/ml



#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 337548968
Conc: 49.67 ng/ml m



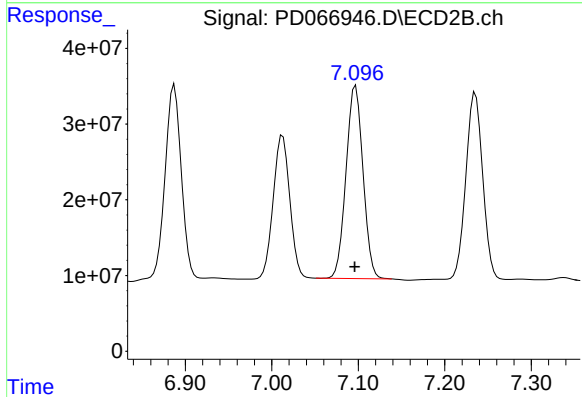
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 97601742
Conc: 50.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

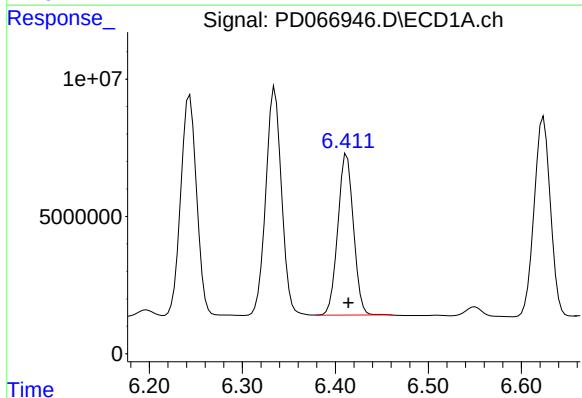
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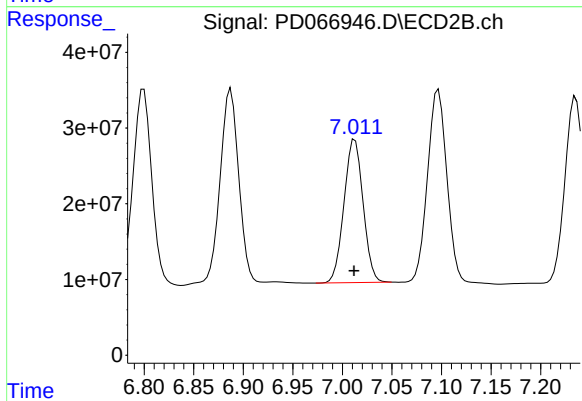
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 345529775
Conc: 47.64 ng/ml



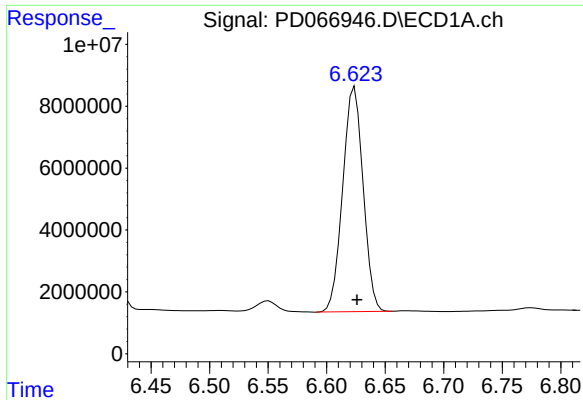
#18 Endrin aldehyde

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 68623549
Conc: 44.39 ng/ml



#18 Endrin aldehyde

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 253743322
Conc: 44.61 ng/ml



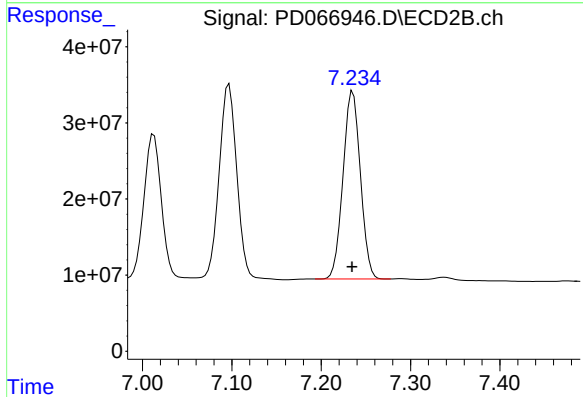
#19 Endosulfan Sulfate

R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 88060020
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

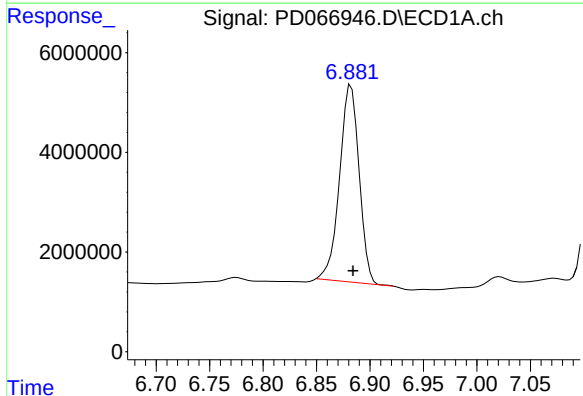
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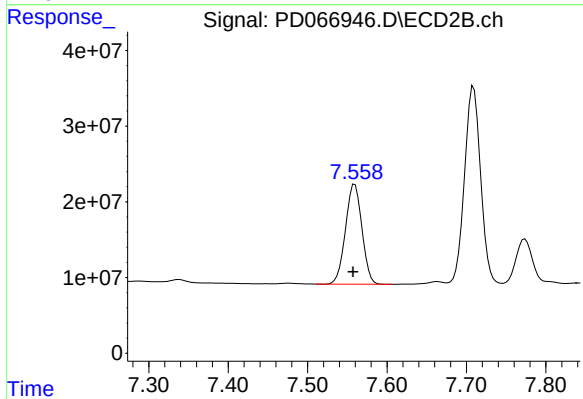
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 333031040
Conc: 45.91 ng/ml



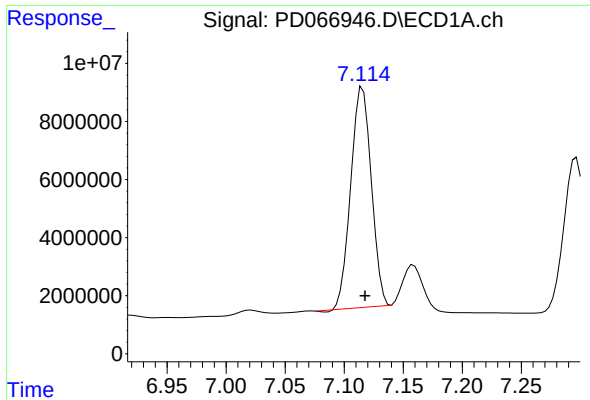
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 50038745
Conc: 48.45 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 190187975
Conc: 46.69 ng/ml



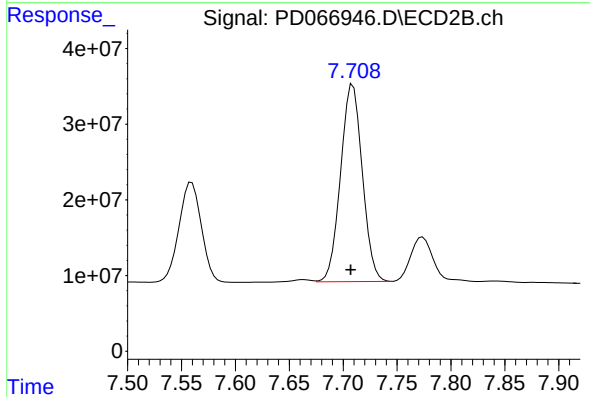
#21 Endrin ketone

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 91827122
Conc: 42.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
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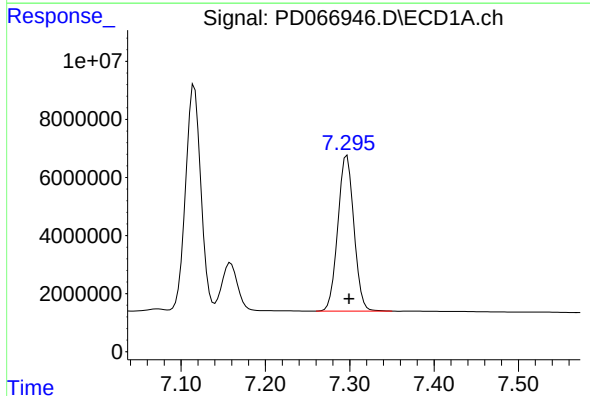
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Reviewed By :Abdul Mirza 11/16/2021
Supervised By :mohammad ahmed 11/16/2021



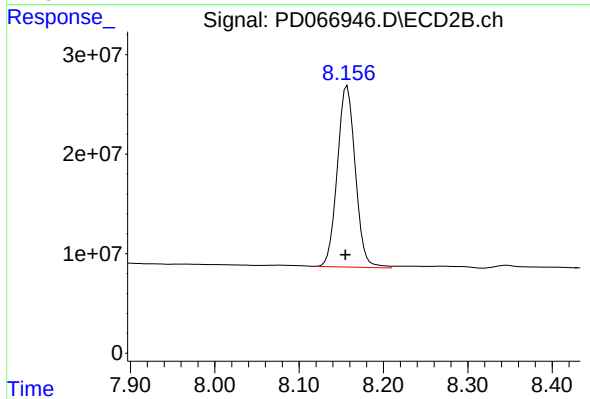
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 366175855
Conc: 43.54 ng/ml



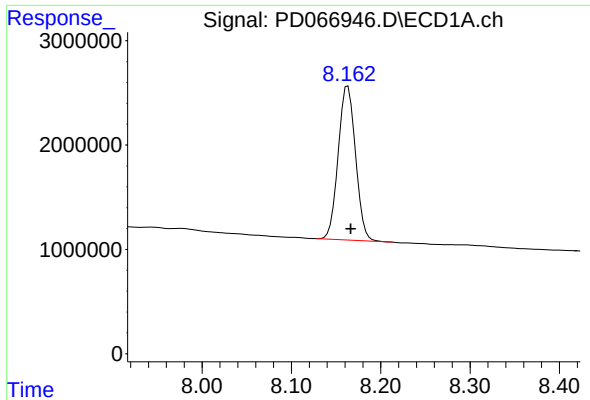
#22 Mirex

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 71050161
Conc: 45.67 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 269597360
Conc: 45.58 ng/ml



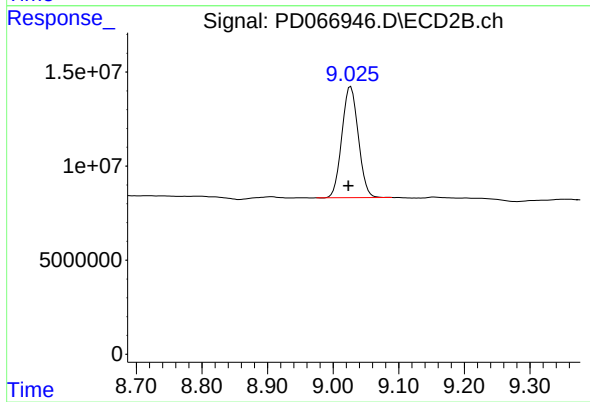
#28 Decachlorobiphenyl

R.T.: 8.163 min
Delta R.T.: -0.003 min
Response: 19891969
Conc: 17.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/16/2021
Supervised By :mohammad ahmed 11/16/2021



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.004 min
Response: 102828226
Conc: 19.09 ng/ml