

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020724\
 Data File : PD081178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2024 16:05
 Operator : AR\AJ
 Sample : P1367-13MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EB-5-6-8MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/08/2024
 Supervised By : Ankita Jodhani 02/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 21:19:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.566	2.795	27468597	49437257	19.350	20.666
28)	SA Decachlor...	9.112	7.932	26148037	35484610	12.993	13.322
Target Compounds							
2)	A alpha-BHC	4.022	3.296	113.2E6	184.3E6	45.579	48.031
3)	MA gamma-BHC...	4.355	3.626	109.3E6	175.2E6	44.653m	46.848
4)	MA Heptachlor	4.948	3.966	110.2E6	167.2E6	44.677	48.478
5)	MB Aldrin	5.292	4.247	103.0E6	169.9E6	41.954	46.639
6)	B beta-BHC	4.551	3.921	44024250	72402659	43.509	46.335
7)	B delta-BHC	4.799	4.151	104.1E6	171.3E6	41.507	45.650
8)	B Heptachlo...	5.718	4.748	90463756	146.8E6	40.400	43.814
9)	A Endosulfan I	6.105	5.119	92598196	130.1E6	44.646	42.475
10)	B gamma-Chl...	5.974	4.998	101.5E6	159.1E6	46.374	48.629
11)	B alpha-Chl...	6.054	5.062	97839712	150.9E6	44.934	46.140
12)	B 4,4'-DDE	6.225	5.251	84063158	139.6E6	41.311	45.588
13)	MA Dieldrin	6.380	5.382	95244504	157.8E6	43.103	46.414
14)	MA Endrin	6.610	5.657	79512306	136.8E6	42.571m	46.158
15)	B Endosulfa...	6.829	5.950	79406527	124.8E6	41.007	43.403
16)	A 4,4'-DDD	6.741	5.804	71290118	111.6E6	43.387m	42.511
17)	MA 4,4'-DDT	7.057	6.055	76456748	116.1E6	42.932	43.750
18)	B Endrin al...	6.959	6.129	59225252	89997392	38.935	39.916
19)	B Endosulfa...	7.194	6.352	75815531	117.5E6	39.929	42.130
20)	A Methoxychlor	7.532	6.629	37499197	61647827	36.433	39.385
21)	B Endrin ke...	7.680	6.858	80918630	124.7E6	38.694	38.628
22)	Mirex	8.156	7.041	67929309	102.5E6	41.185	40.658

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020724\
Data File : PD081178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2024 16:05
Operator : AR\AJ
Sample : P1367-13MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

EB-5-6-8MSD

Manual Integrations

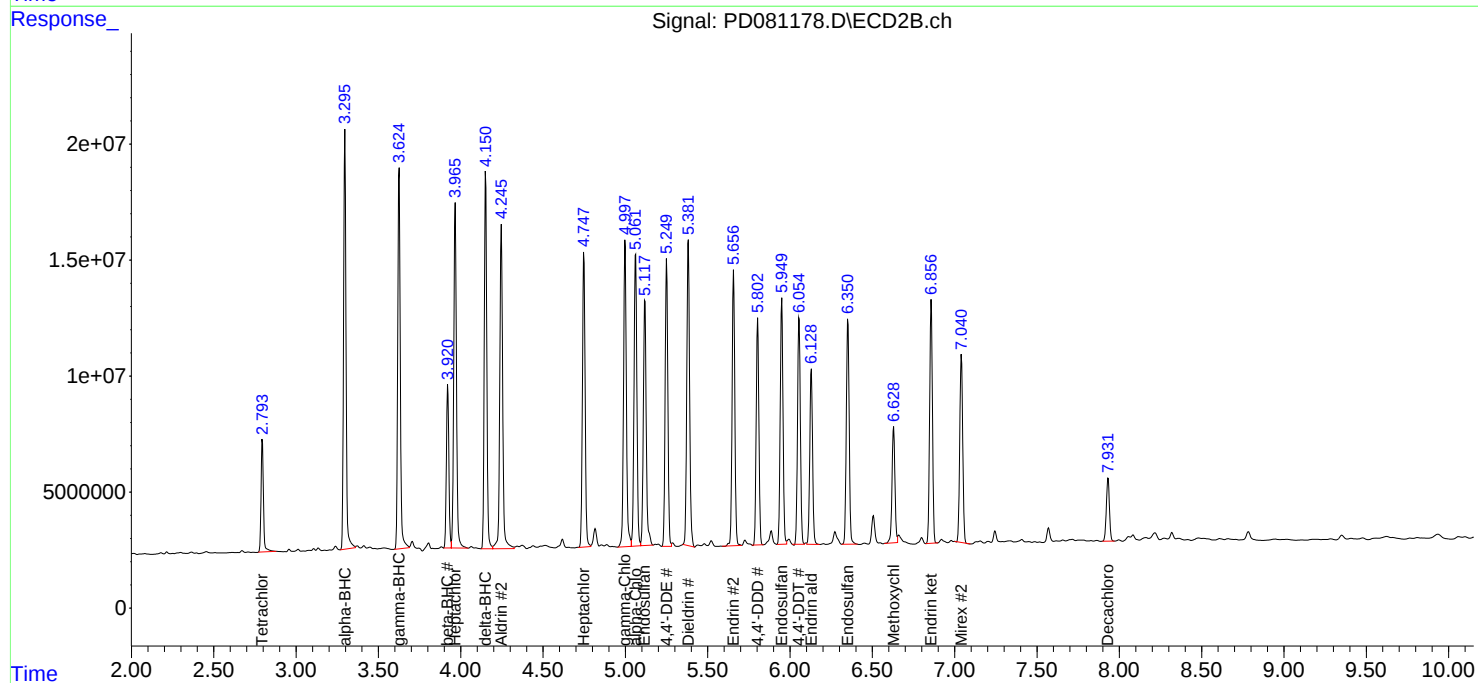
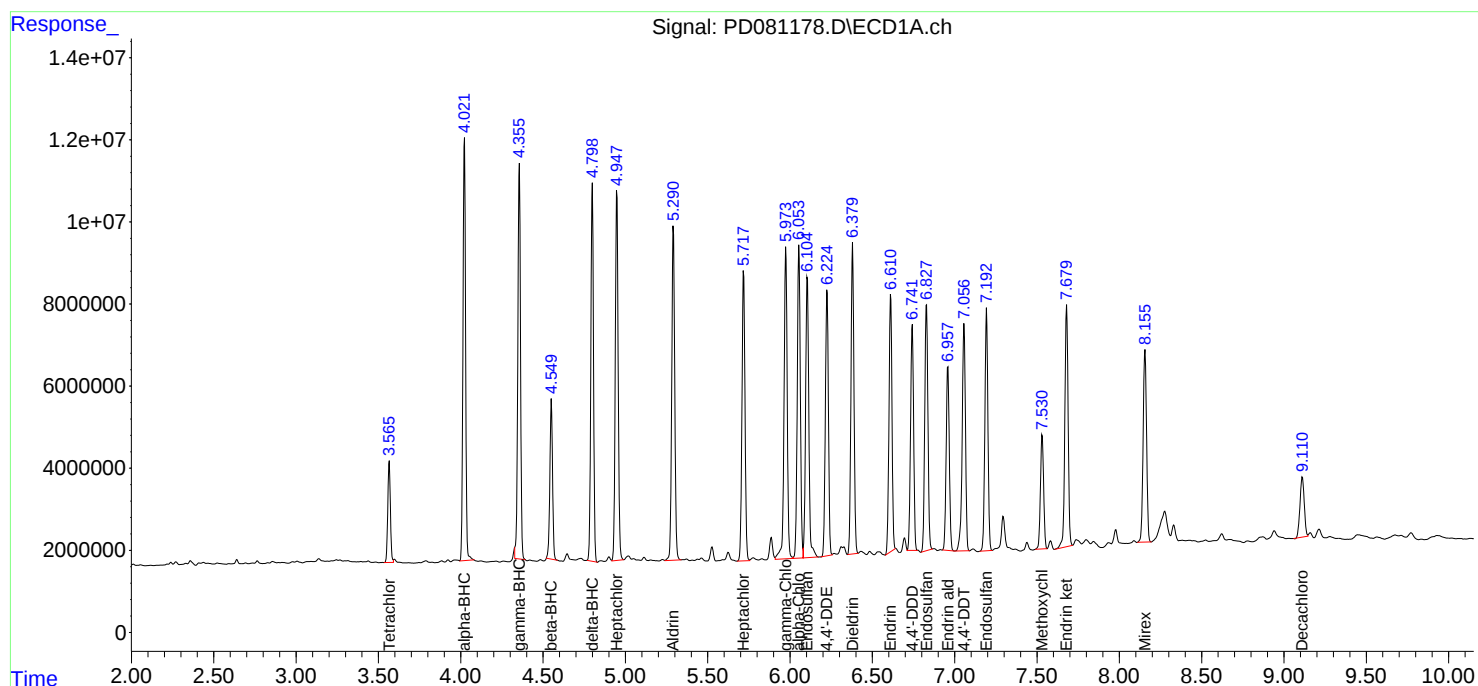
APPROVED

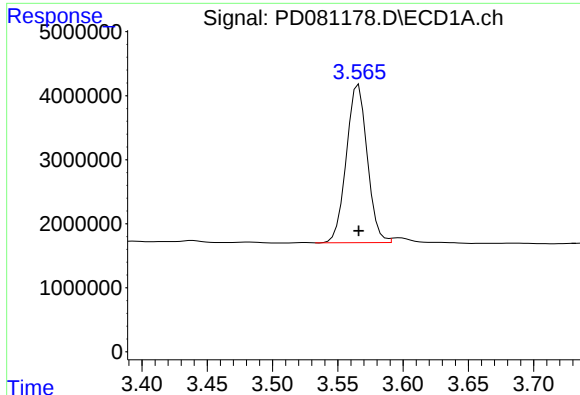
Reviewed By :Abdul Mirza 02/08/2024

Supervised By :Ankita Jodhani 02/08/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 21:19:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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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.: 3.566 min
Delta R.T.: 0.000 min
Response: 27468597
Conc: 19.35 ng/ml

Instrument :

ECD_D

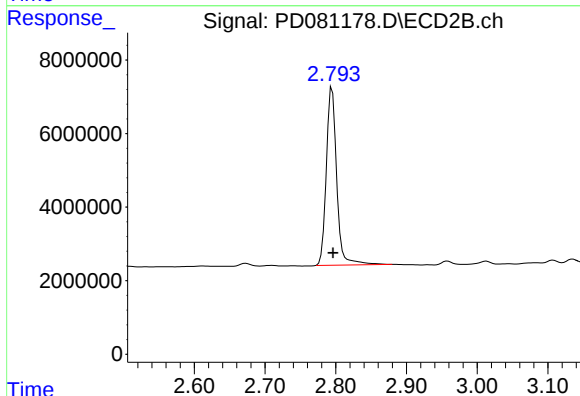
ClientSampleId :

EB-5-6-8MSD

Manual Integrations

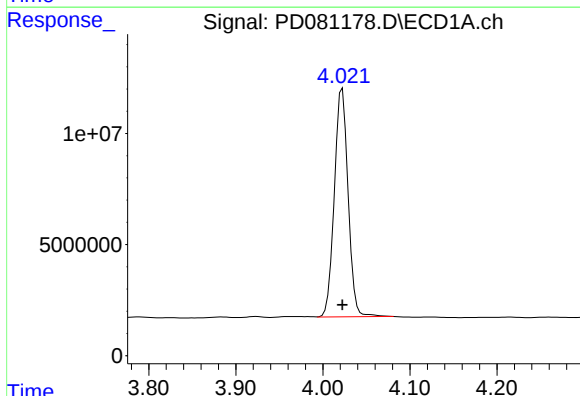
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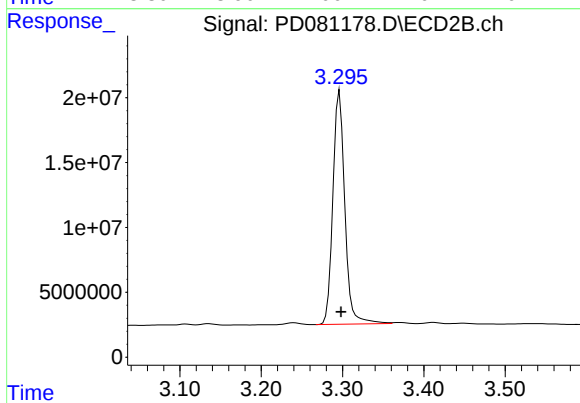
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 49437257
Conc: 20.67 ng/ml



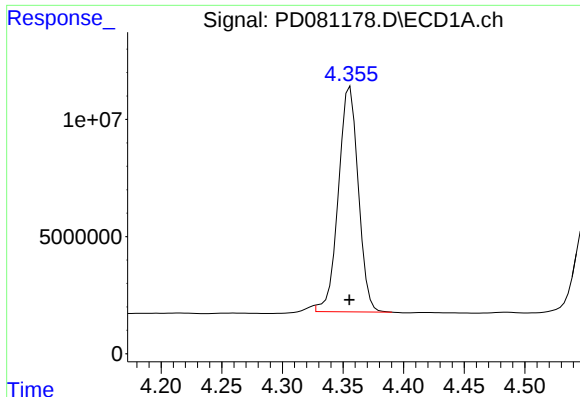
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 113210607
Conc: 45.58 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 184298216
Conc: 48.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 109292247
Conc: 44.65 ng/ml

Instrument :

ECD_D

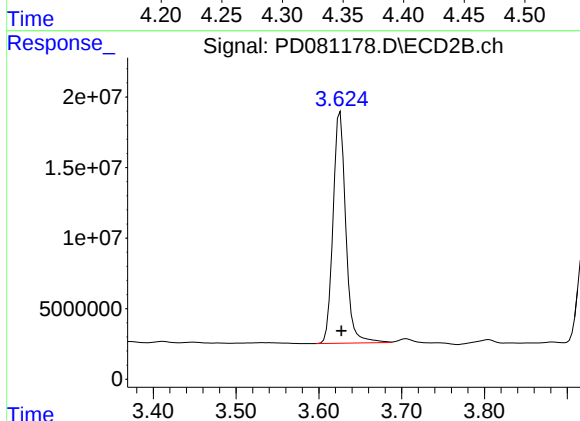
ClientSampleId :

EB-5-6-8MSD

Manual Integrations

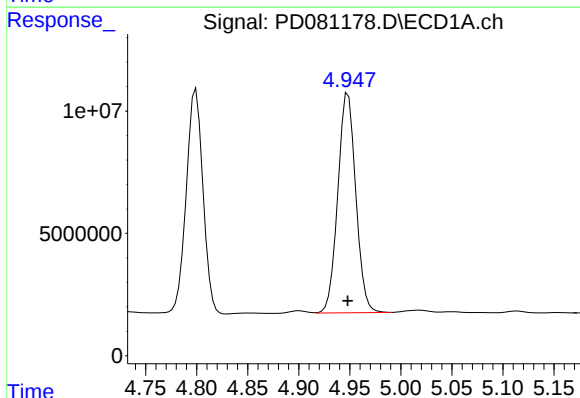
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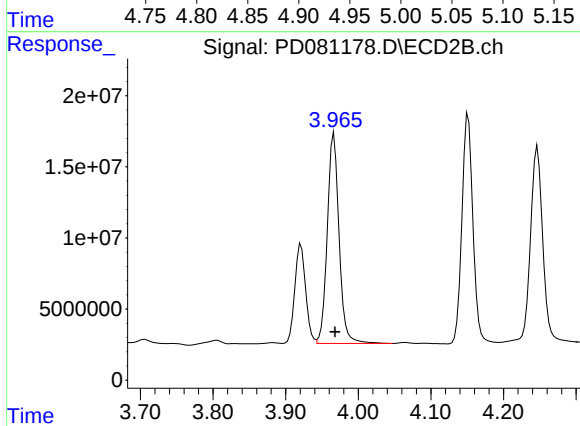
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 175159869
Conc: 46.85 ng/ml



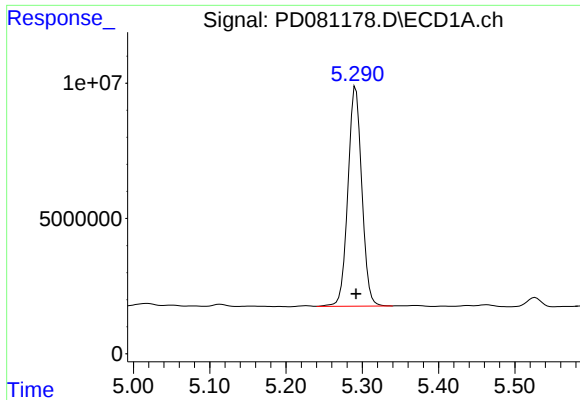
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 110189594
Conc: 44.68 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.001 min
Response: 167154804
Conc: 48.48 ng/ml



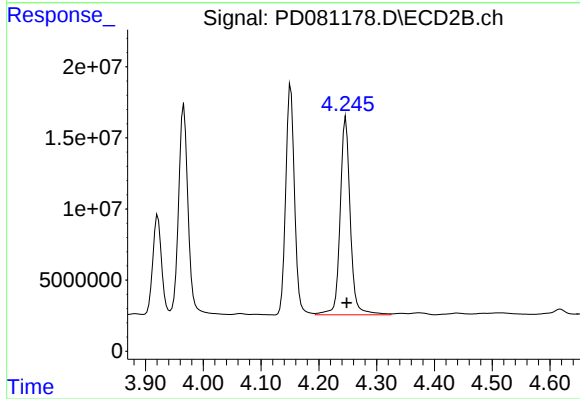
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 102981254
Conc: 41.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

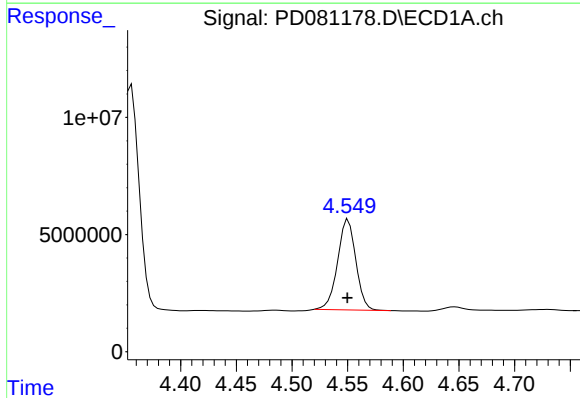
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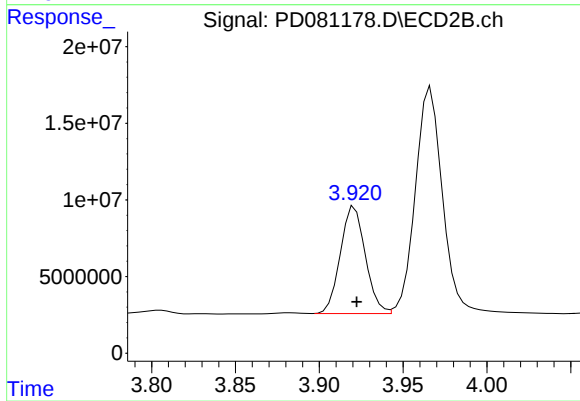
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 169860299
Conc: 46.64 ng/ml



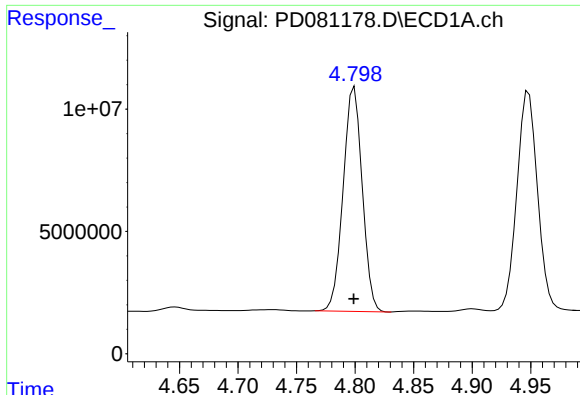
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 44024250
Conc: 43.51 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 72402659
Conc: 46.33 ng/ml



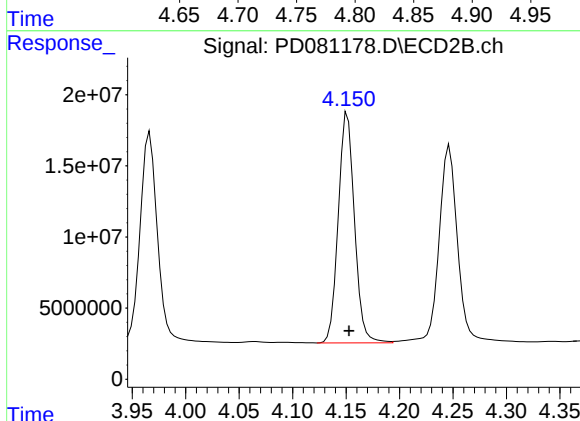
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 104132546
Conc: 41.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

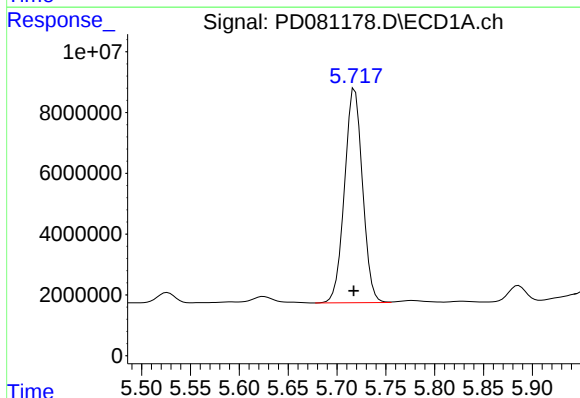
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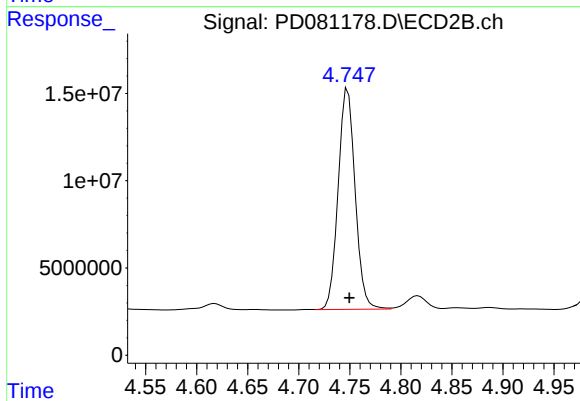
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 171326478
Conc: 45.65 ng/ml



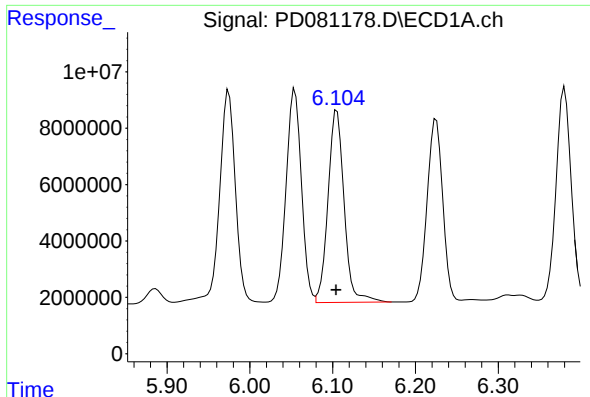
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 90463756
Conc: 40.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 146753641
Conc: 43.81 ng/ml



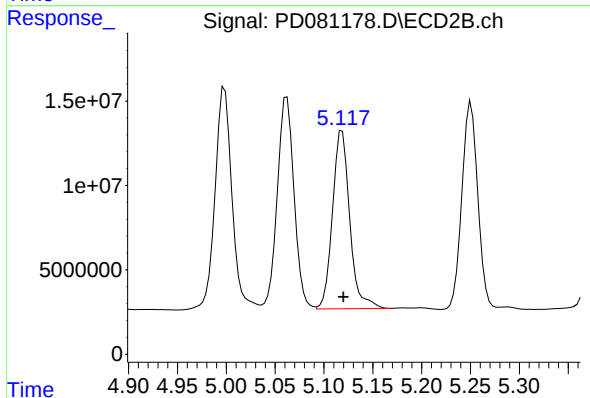
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 92598196
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

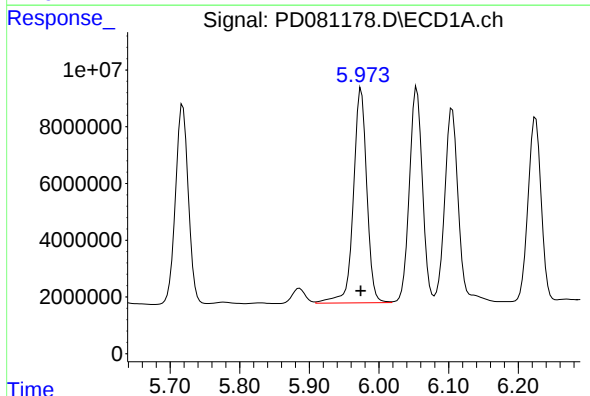
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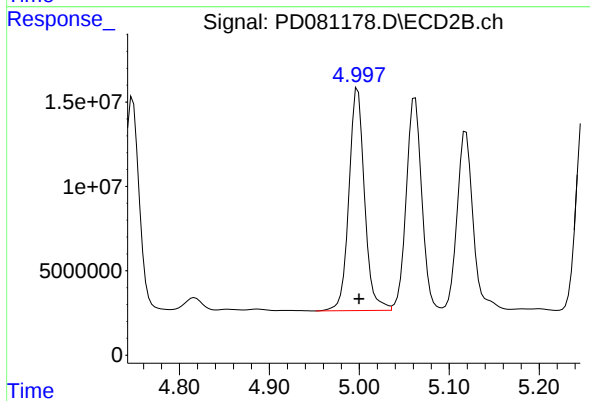
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 130091708
Conc: 42.48 ng/ml



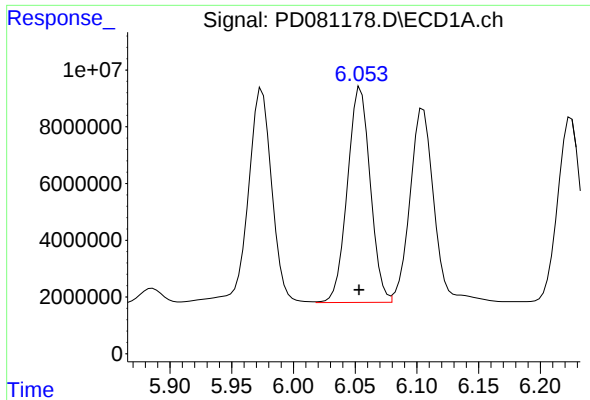
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 101517543
Conc: 46.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 159066019
Conc: 48.63 ng/ml



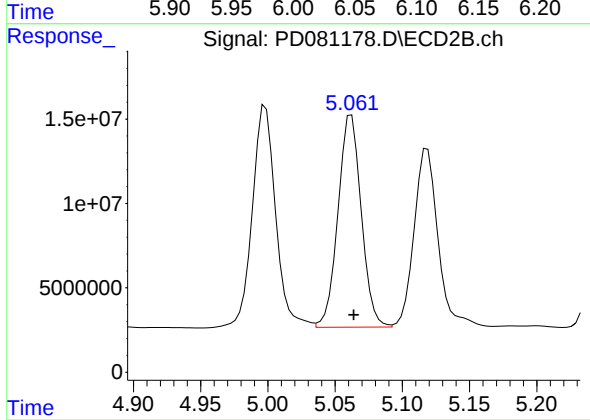
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 97839712
Conc: 44.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

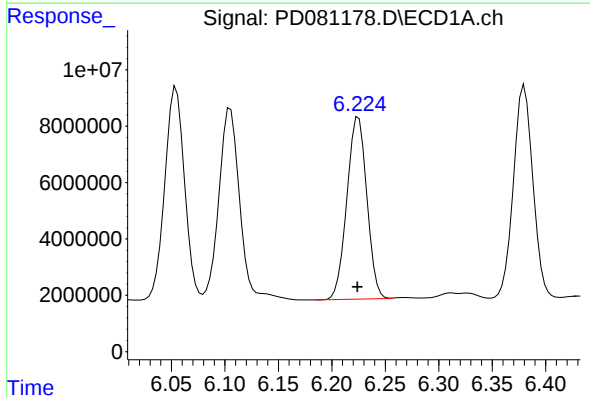
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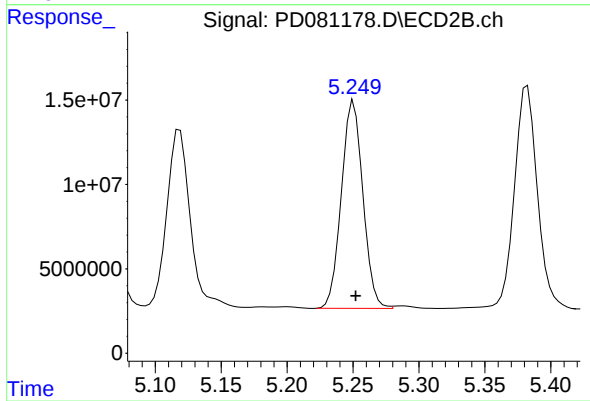
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 150856706
Conc: 46.14 ng/ml



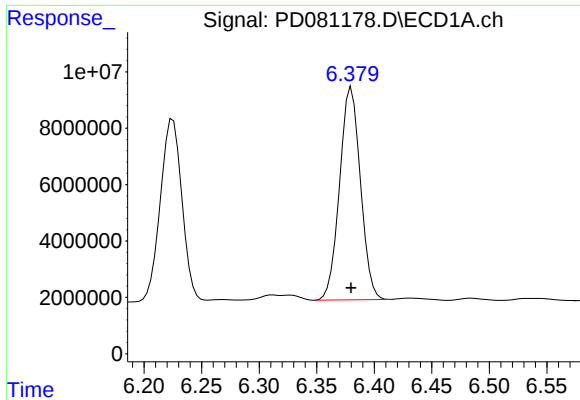
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 84063158
Conc: 41.31 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 139648453
Conc: 45.59 ng/ml



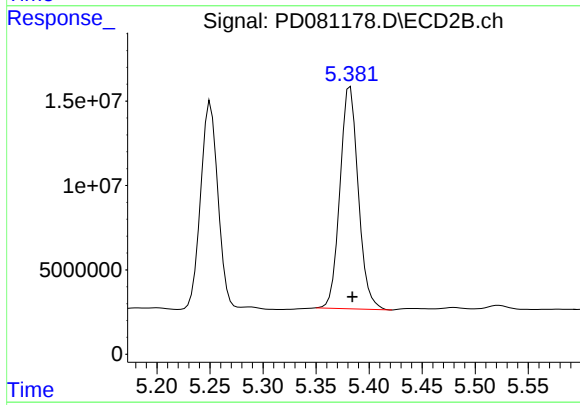
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 95244504
Conc: 43.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

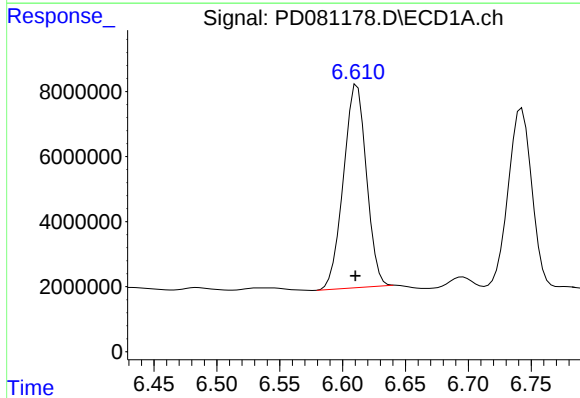
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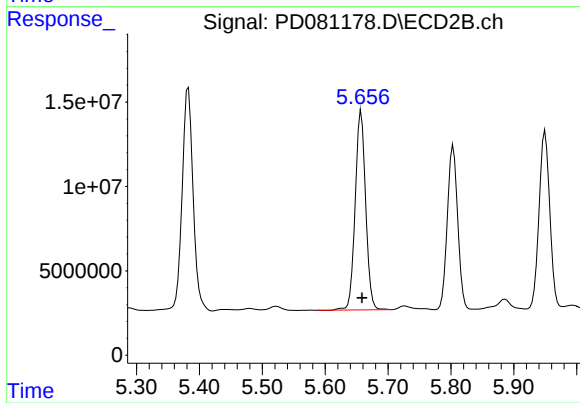
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 157843859
Conc: 46.41 ng/ml



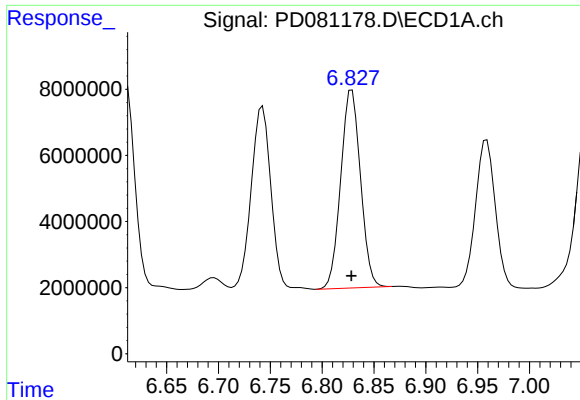
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 79512306
Conc: 42.57 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 136784137
Conc: 46.16 ng/ml



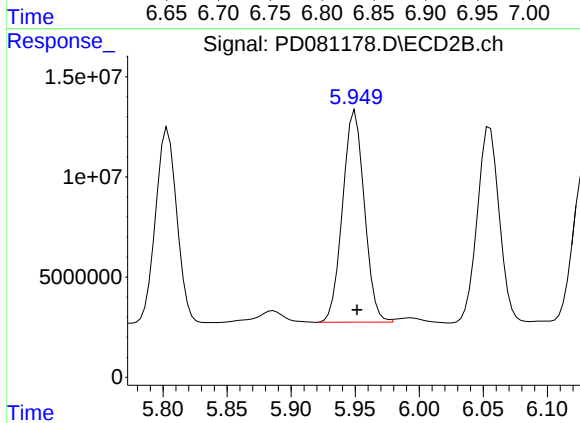
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 79406527
Conc: 41.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

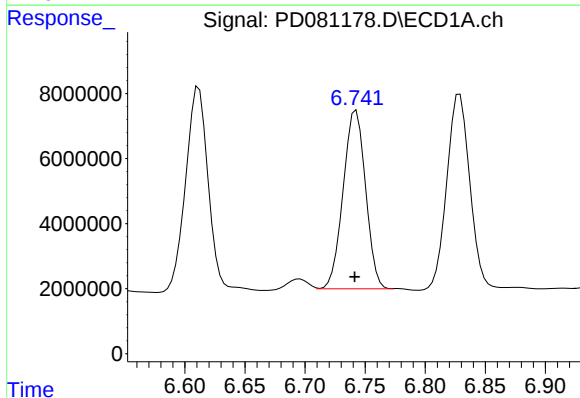
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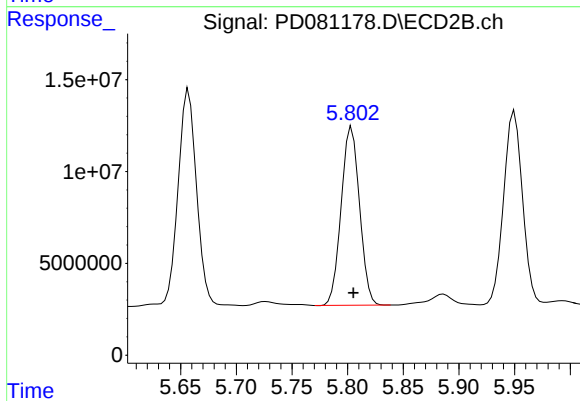
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 124824634
Conc: 43.40 ng/ml



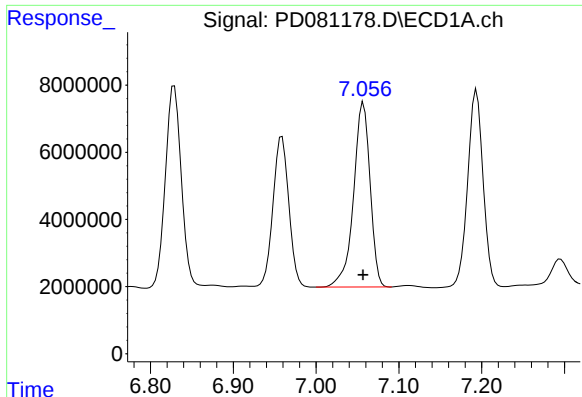
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 71290118
Conc: 43.39 ng/ml m



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 111602138
Conc: 42.51 ng/ml



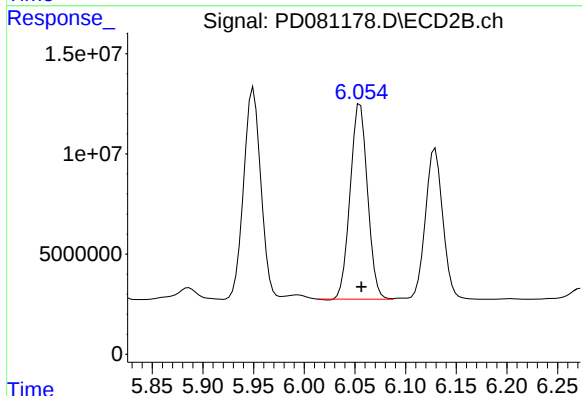
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 76456748
Conc: 42.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

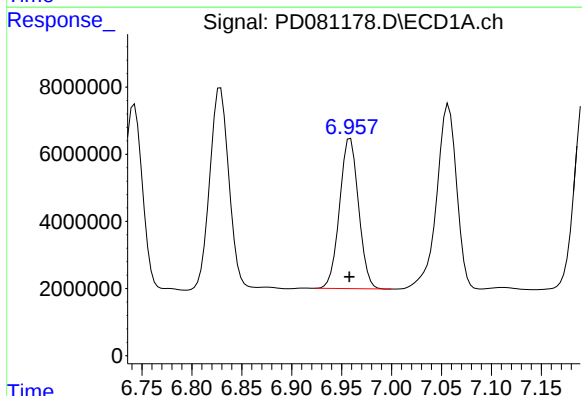
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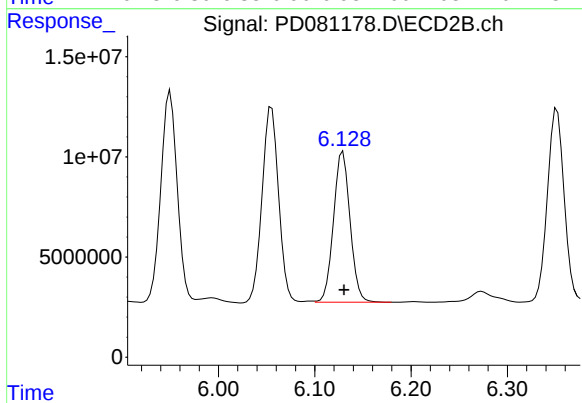
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 116072269
Conc: 43.75 ng/ml



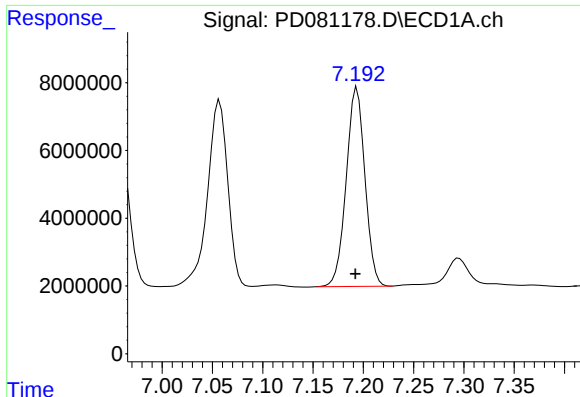
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 59225252
Conc: 38.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 89997392
Conc: 39.92 ng/ml



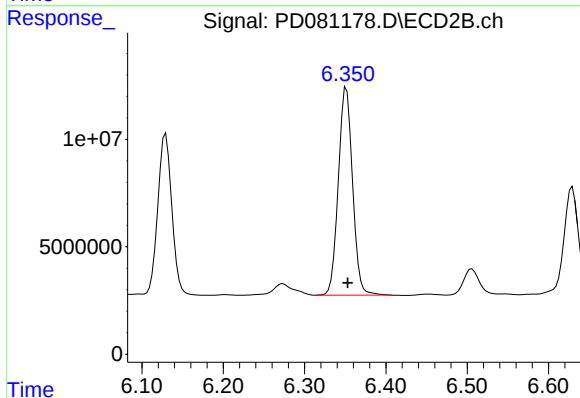
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 75815531
Conc: 39.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

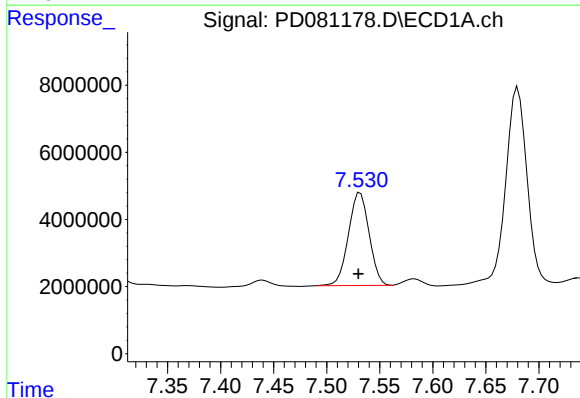
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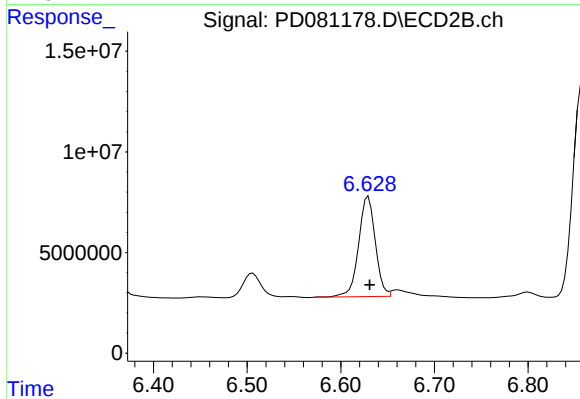
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 117516229
Conc: 42.13 ng/ml



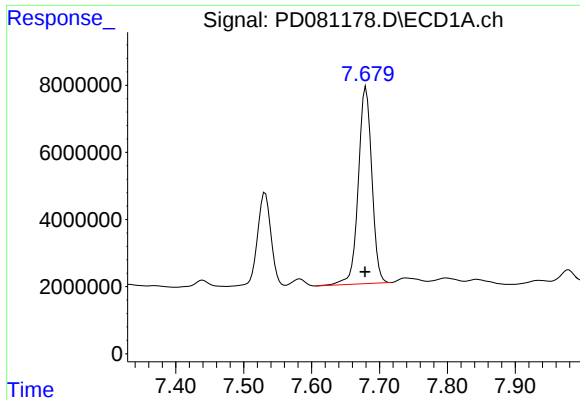
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 37499197
Conc: 36.43 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 61647827
Conc: 39.39 ng/ml



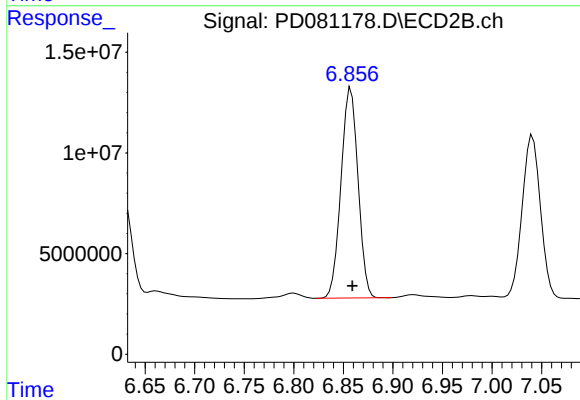
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.002 min
Response: 80918630
Conc: 38.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

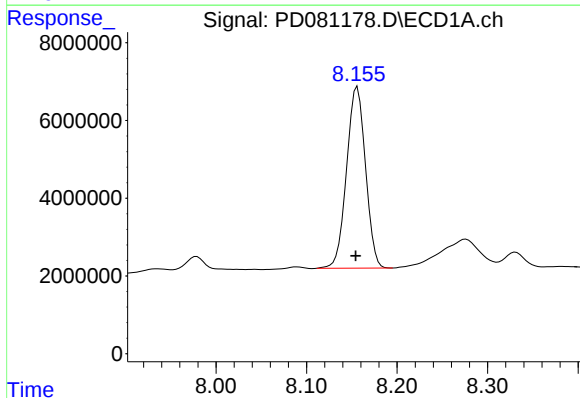
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/08/2024
Supervised By :Ankita Jodhani 02/08/2024



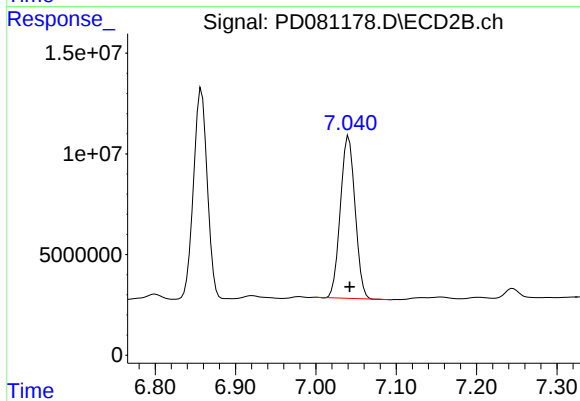
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 124653849
Conc: 38.63 ng/ml



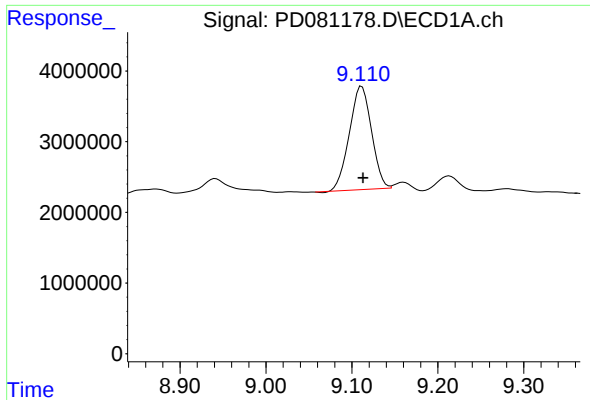
#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 67929309
Conc: 41.18 ng/ml



#22 Mirex

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 102457877
Conc: 40.66 ng/ml



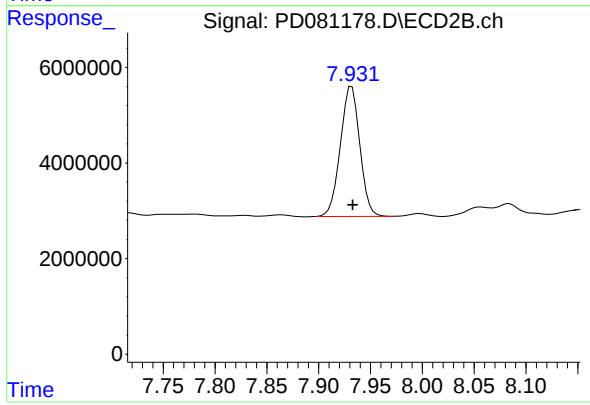
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.001 min
Response: 26148037
Conc: 12.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-5-6-8MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/08/2024
Supervised By :Ankita Jodhani 02/08/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 35484610
Conc: 13.32 ng/ml