

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 02:42
 Operator : AR\AJ
 Sample : 04668-07MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RBR200027MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2023
 Supervised By : Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 06:25:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 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...	3.540	2.758	27312620	20493787	9.461	10.034
28)	SA Decachlor...	9.077	7.894	54170336	30529734	14.607	13.454
Target Compounds							
2)	A alpha-BHC	3.997	3.259	126.4E6	74779692	26.022	24.947
3)	MA gamma-BHC...	4.329	3.589	112.1E6	65993660	23.957m	22.778
4)	MA Heptachlor	4.920	3.928	126.6E6	71801452	26.925	24.336
5)	MB Aldrin	5.263	4.207	123.8E6	63945033	25.629	21.553
6)	B beta-BHC	4.528	3.886	47219488	30772161	25.424	26.625
7)	B delta-BHC	4.776	4.115	117.4E6	62070345	26.068	21.694
8)	B Heptachlo...	5.690	4.708	112.2E6	60064130	26.709	22.224
9)	A Endosulfan I	6.077	5.079	102.7E6	60273643	26.285	23.969
10)	B gamma-Chl...	5.947	4.959	123.1E6	63566550	29.315	23.654
11)	B alpha-Chl...	6.026	5.022	113.5E6	61902057	26.951	23.053
12)	B 4,4'-DDE	6.199	5.210	110.9E6	61307380	27.709	24.095
13)	MA Dieldrin	6.353	5.343	111.6E6	63271613	26.606	22.665
14)	MA Endrin	6.584	5.618	101.2E6	62424845	30.139	25.230
15)	B Endosulfa...	6.804	5.912	95979316	60153614	26.665	25.268
16)	A 4,4'-DDD	6.718	5.765	91292860	52541663	30.681	26.552
17)	MA 4,4'-DDT	7.033	6.016	103.2E6	55957335	34.866	27.491
18)	B Endrin al...	6.933	6.092	79258859	47718634	29.668m	25.740
19)	B Endosulfa...	7.169	6.315	103.1E6	65655465	32.088	29.594
20)	A Methoxychlor	7.508	6.591	57295230	35087664	34.331	32.160
21)	B Endrin ke...	7.656	6.821	130.1E6	79215942	36.216	30.182
22)	Mirex	8.129	7.002	103.5E6	65914387	38.752	32.346

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

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 Acq On : 03 Oct 2023 02:42
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 Sample : 04668-07MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

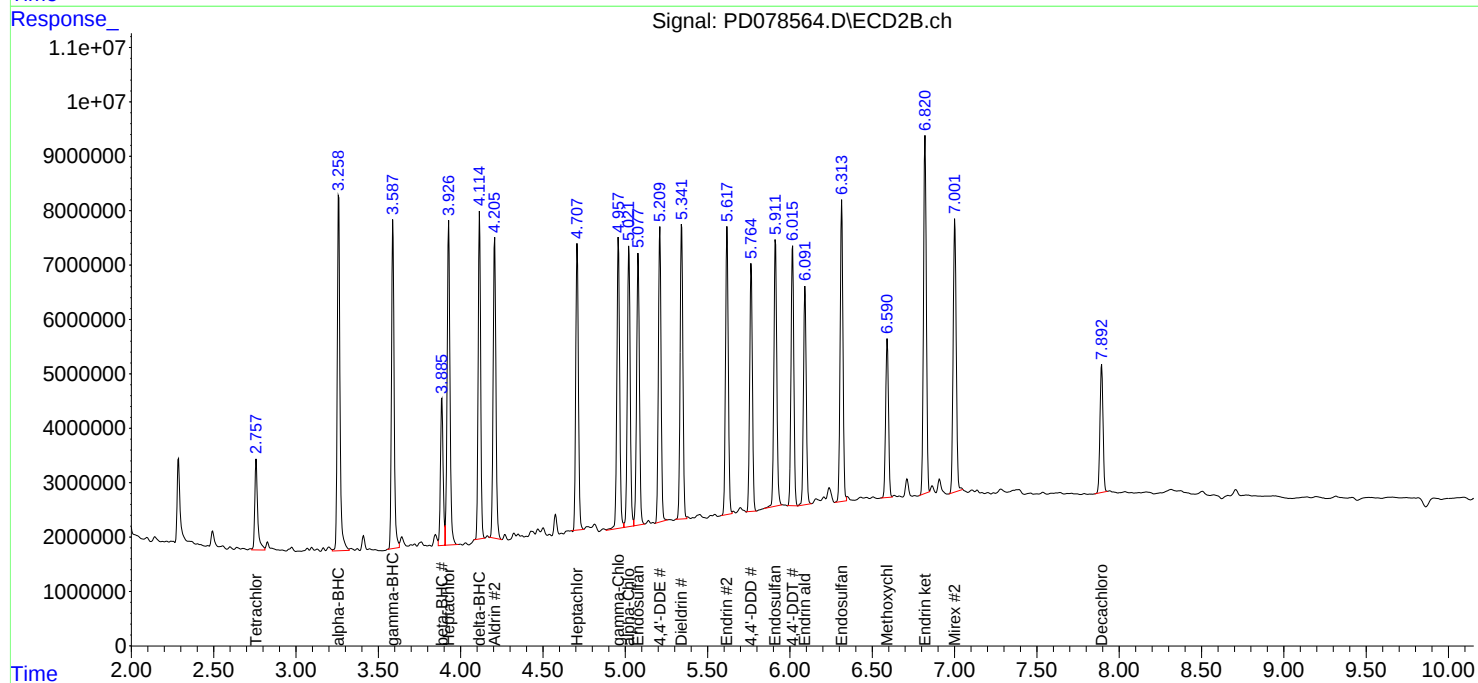
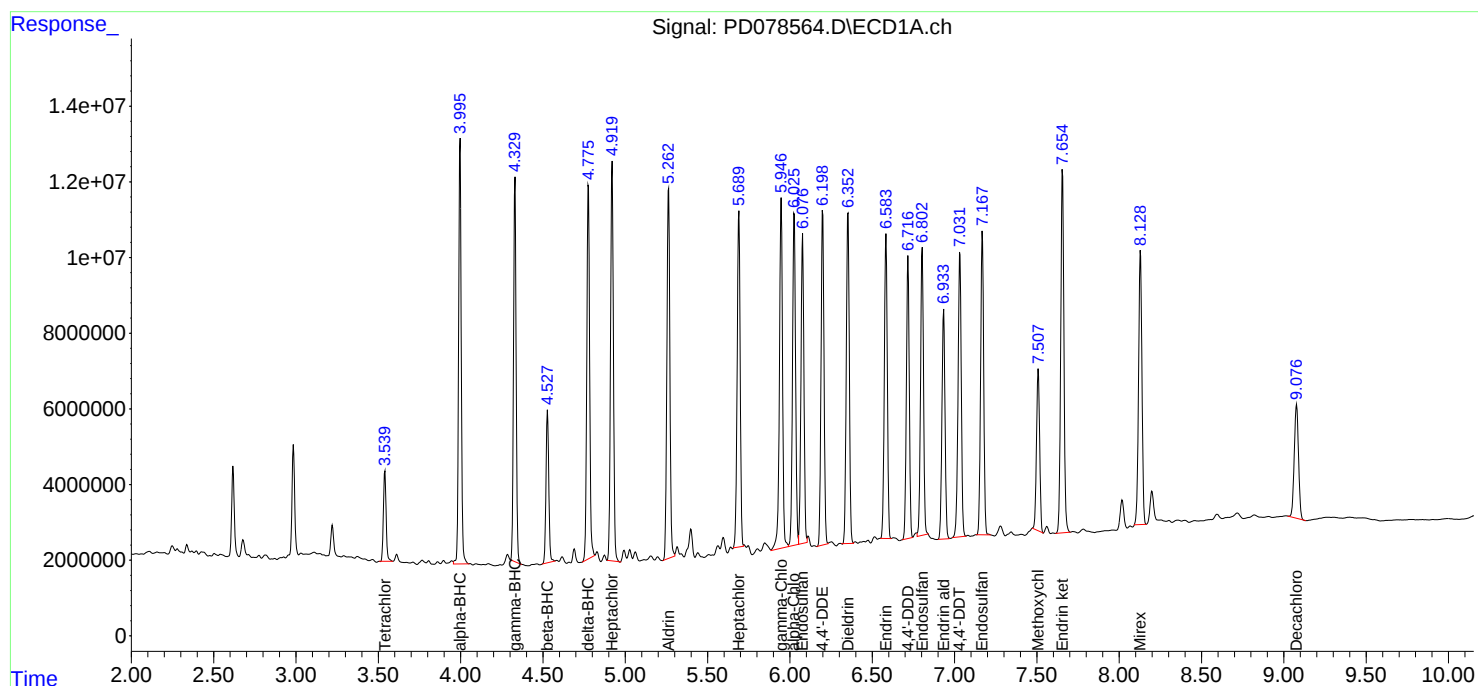
Instrument :
 ECD_D
 ClientSampleId :
 RBR200027MSD

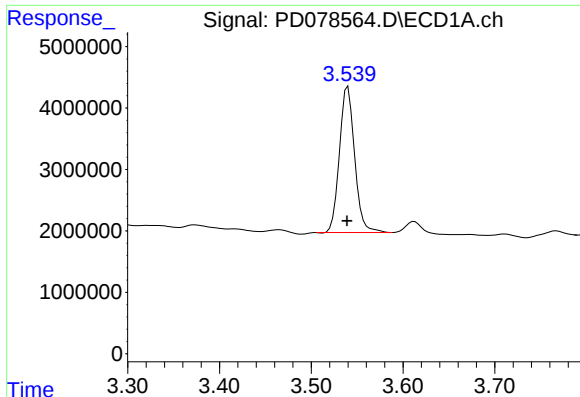
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





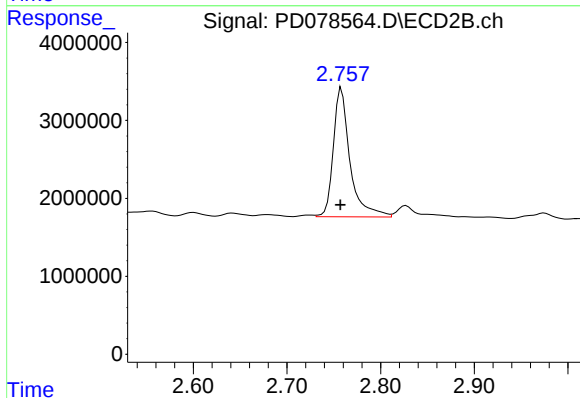
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 27312620
Conc: 9.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

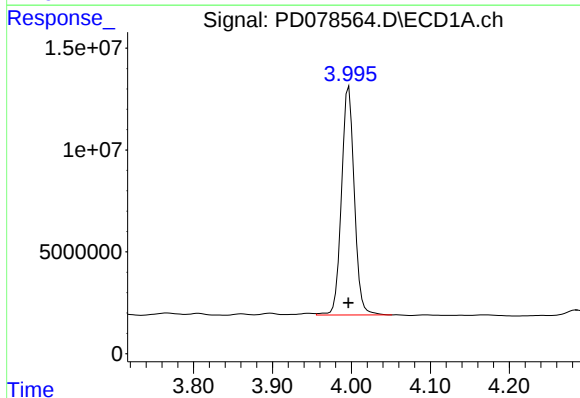
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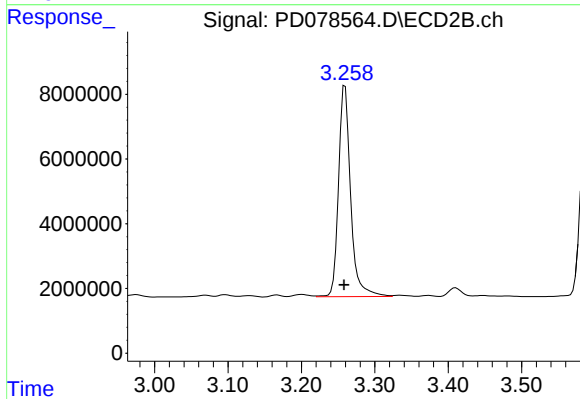
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.001 min
Response: 20493787
Conc: 10.03 ng/ml



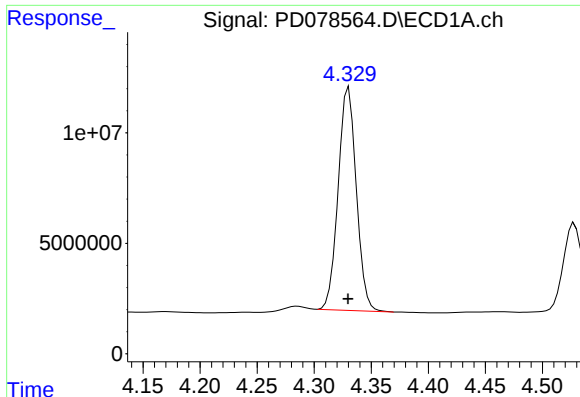
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 126370973
Conc: 26.02 ng/ml



#2 alpha-BHC

R.T.: 3.259 min
Delta R.T.: 0.001 min
Response: 74779692
Conc: 24.95 ng/ml



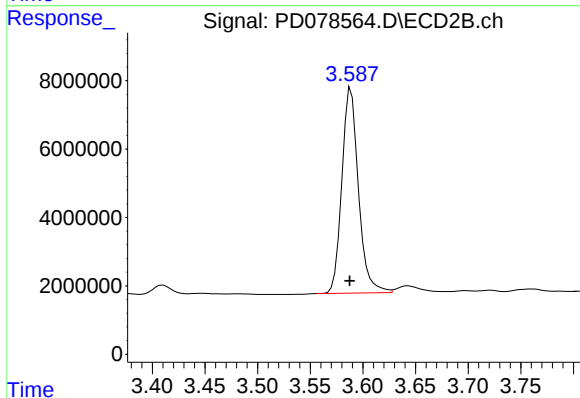
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 112074764
Conc: 23.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

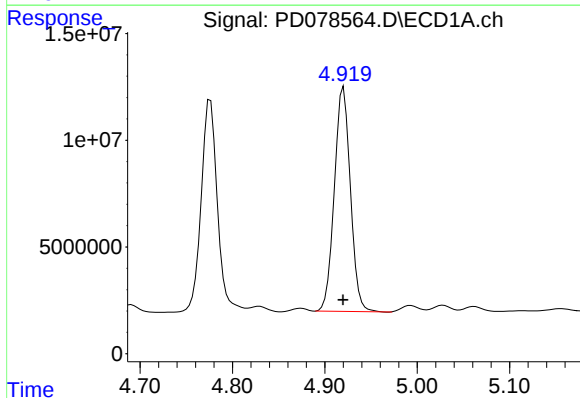
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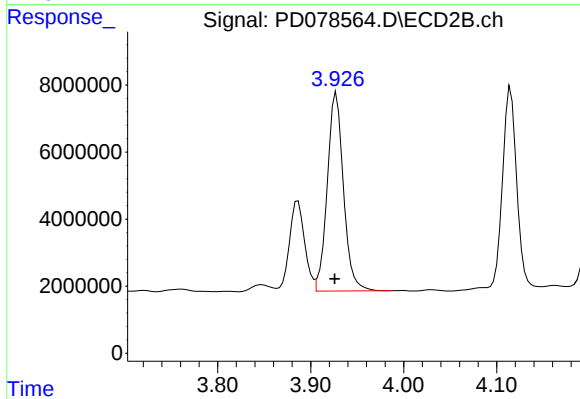
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: 0.001 min
Response: 65993660
Conc: 22.78 ng/ml



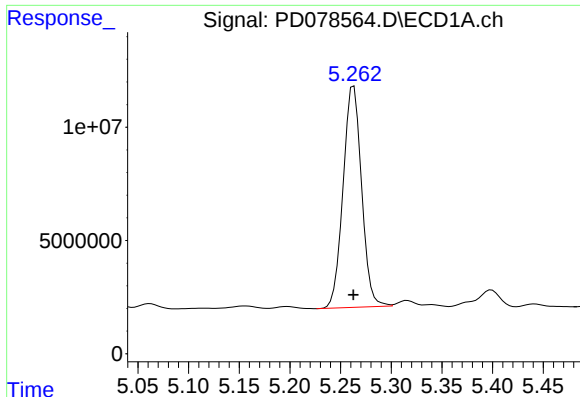
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 126588093
Conc: 26.93 ng/ml



#4 Heptachlor

R.T.: 3.928 min
Delta R.T.: 0.002 min
Response: 71801452
Conc: 24.34 ng/ml



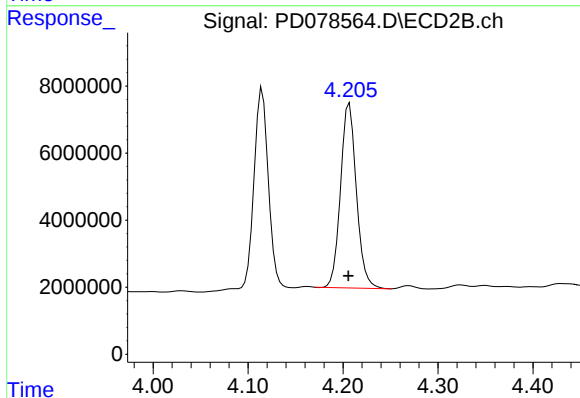
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 123813025
Conc: 25.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

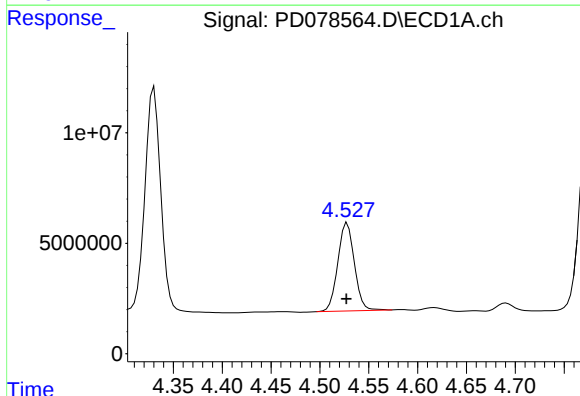
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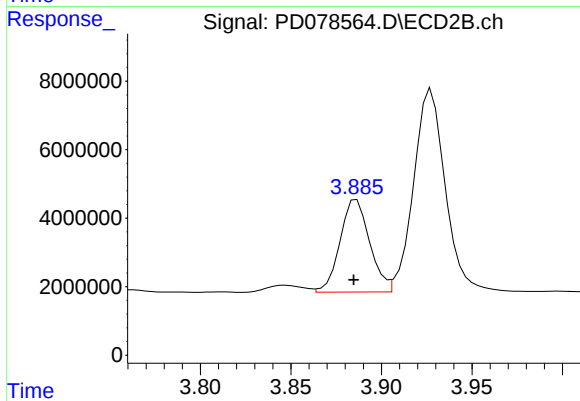
#5 Aldrin

R.T.: 4.207 min
Delta R.T.: 0.001 min
Response: 63945033
Conc: 21.55 ng/ml



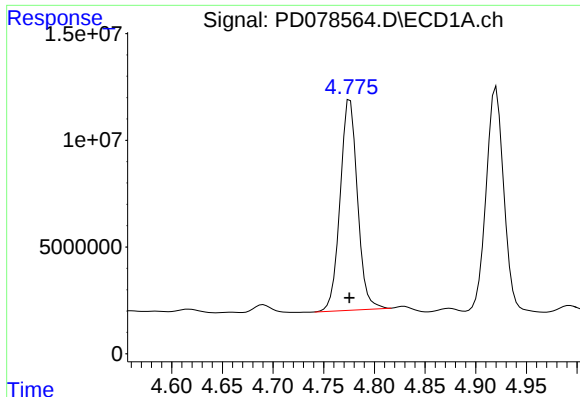
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 47219488
Conc: 25.42 ng/ml



#6 beta-BHC

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 30772161
Conc: 26.63 ng/ml



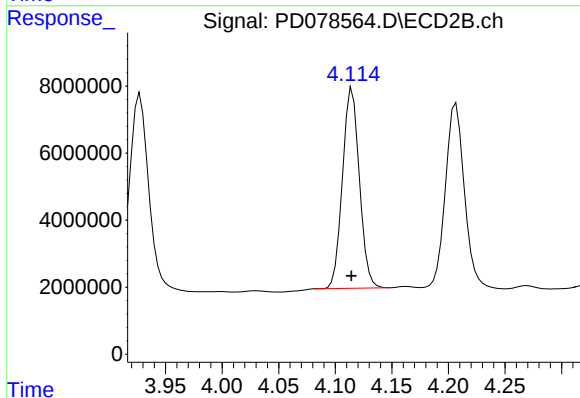
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 117414236
Conc: 26.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

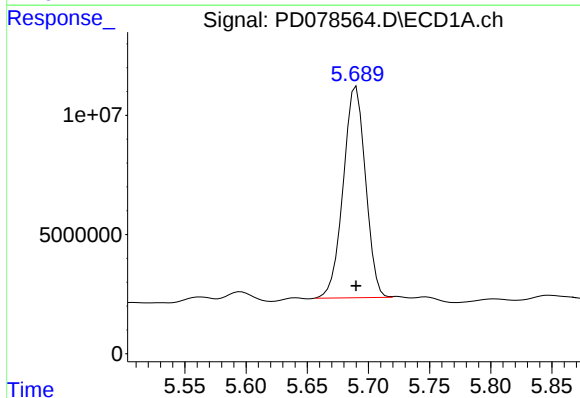
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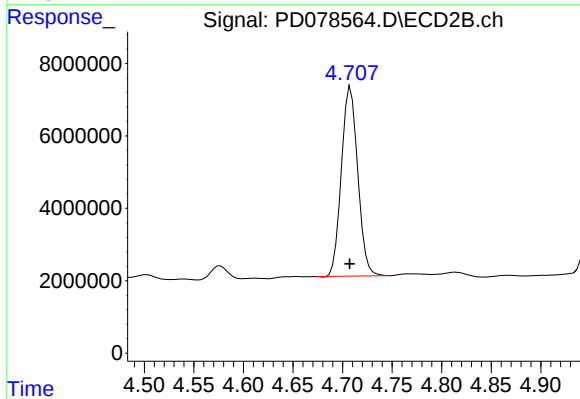
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 62070345
Conc: 21.69 ng/ml



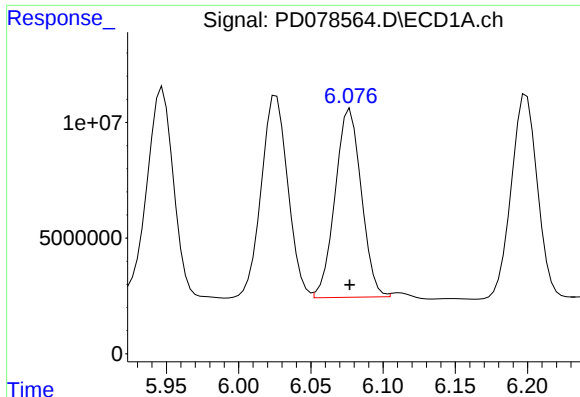
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 112177643
Conc: 26.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 60064130
Conc: 22.22 ng/ml



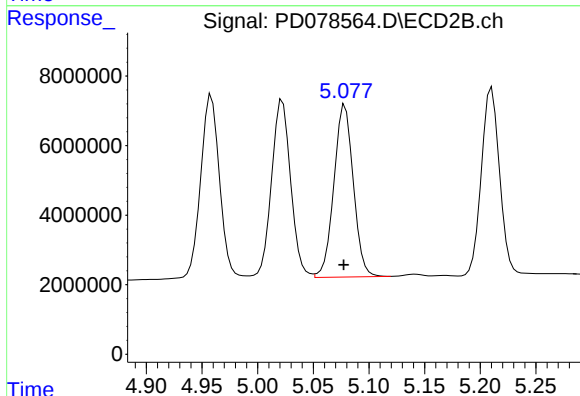
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 102692175
Conc: 26.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

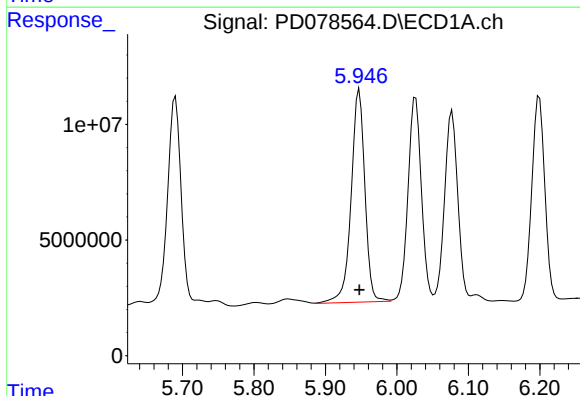
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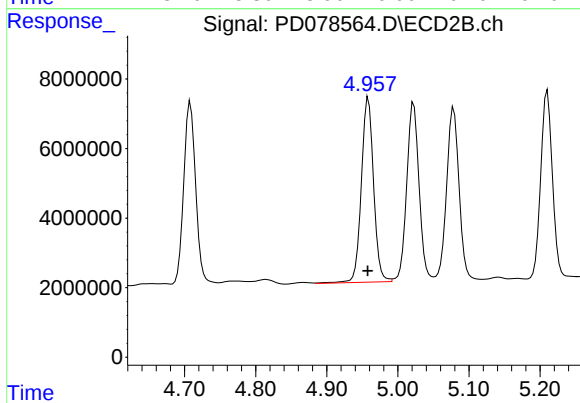
#9 Endosulfan I

R.T.: 5.079 min
Delta R.T.: 0.001 min
Response: 60273643
Conc: 23.97 ng/ml



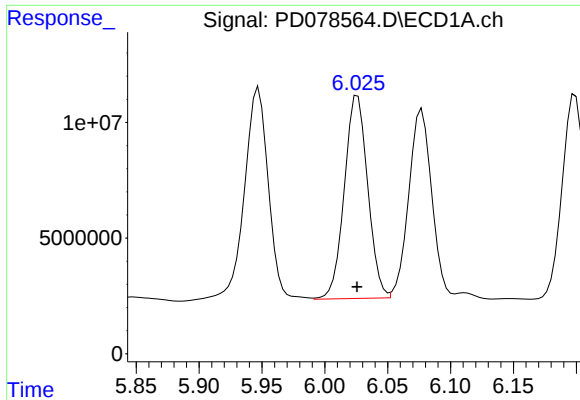
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 123096864
Conc: 29.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 63566550
Conc: 23.65 ng/ml



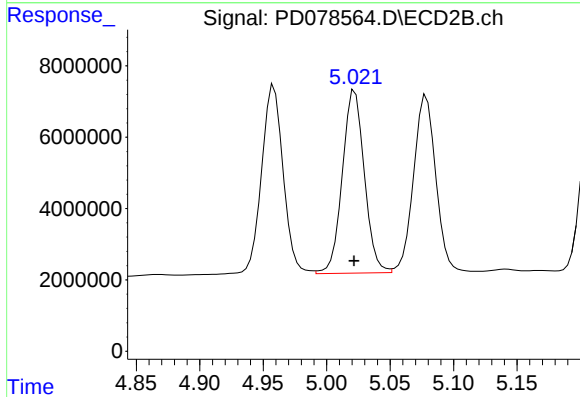
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 113549380
Conc: 26.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

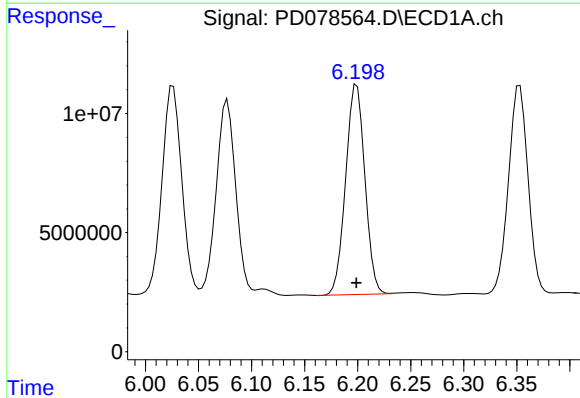
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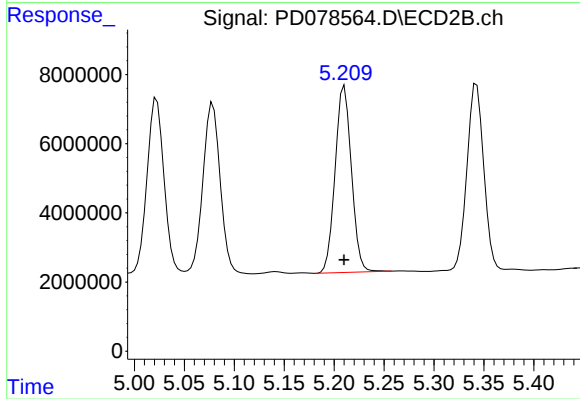
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 61902057
Conc: 23.05 ng/ml



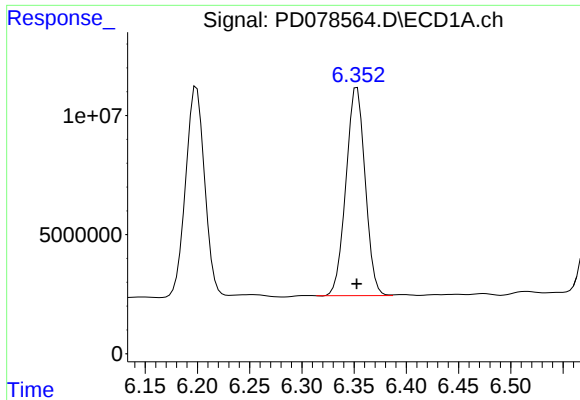
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 110905887
Conc: 27.71 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 61307380
Conc: 24.10 ng/ml



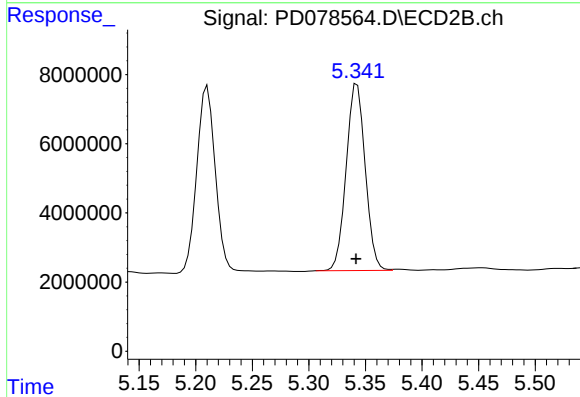
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 111617097
Conc: 26.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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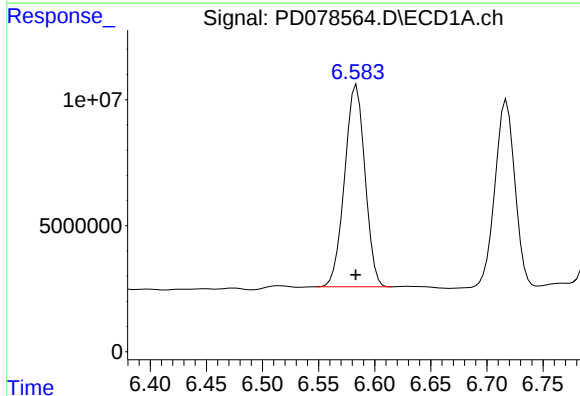
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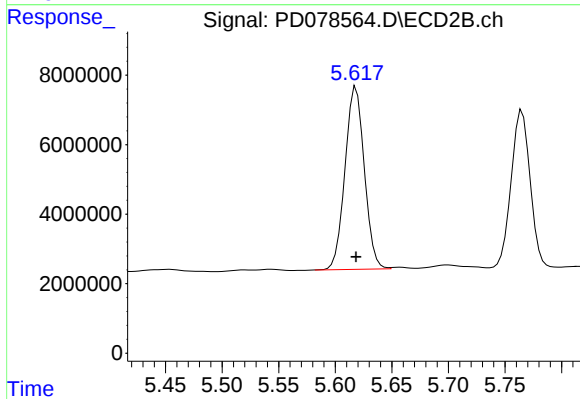
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 63271613
Conc: 22.66 ng/ml



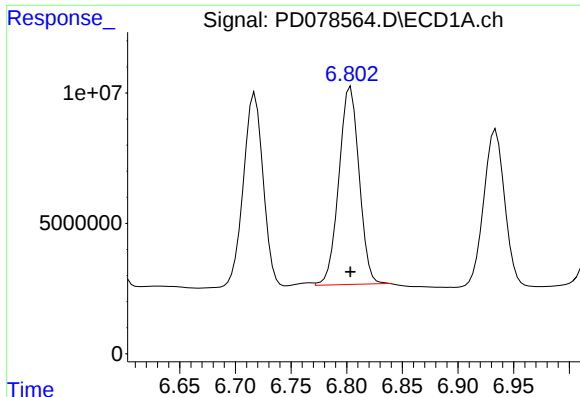
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 101215640
Conc: 30.14 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 62424845
Conc: 25.23 ng/ml



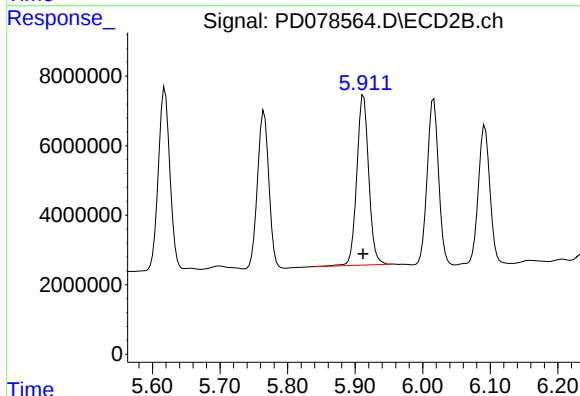
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 95979316
Conc: 26.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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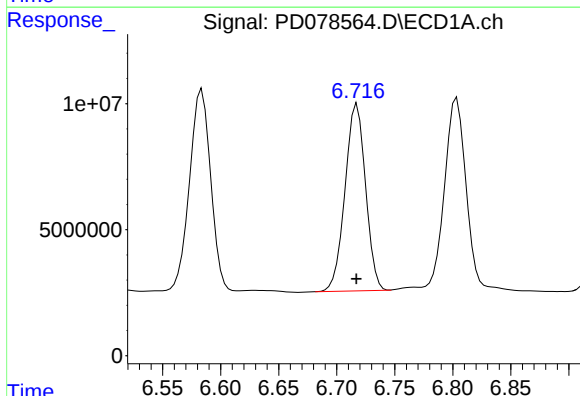
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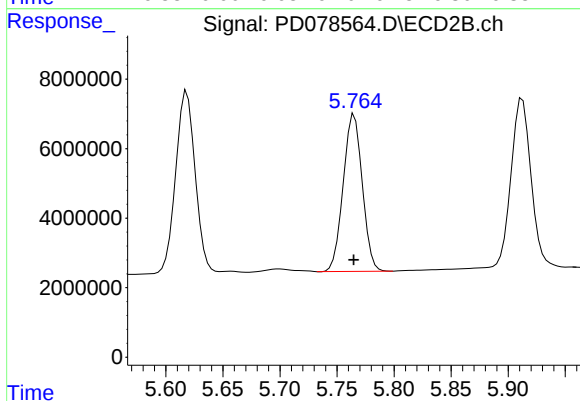
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 60153614
Conc: 25.27 ng/ml



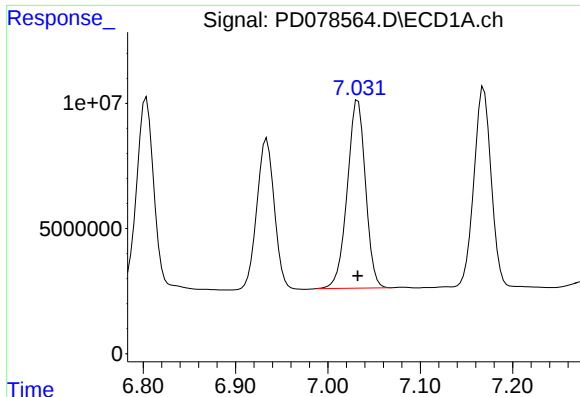
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 91292860
Conc: 30.68 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 52541663
Conc: 26.55 ng/ml



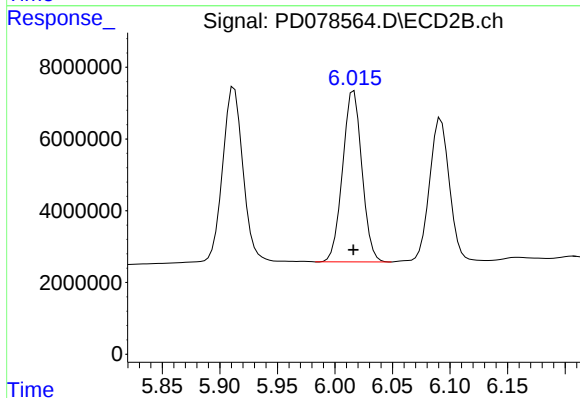
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 103179483
Conc: 34.87 ng/ml

Instrument :
ECD_D
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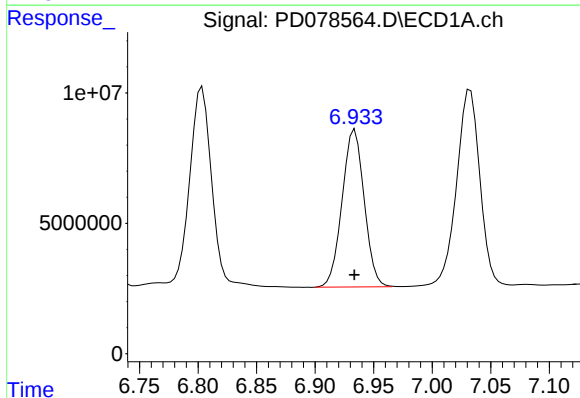
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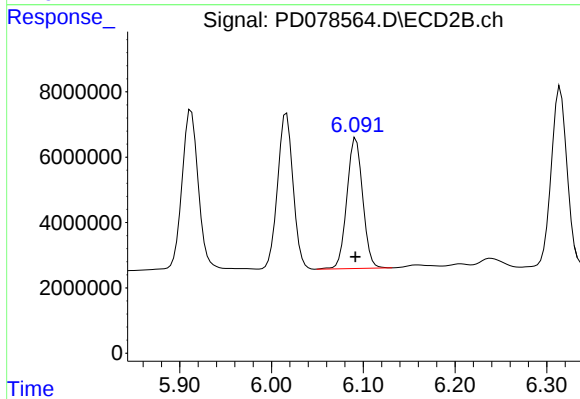
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 55957335
Conc: 27.49 ng/ml



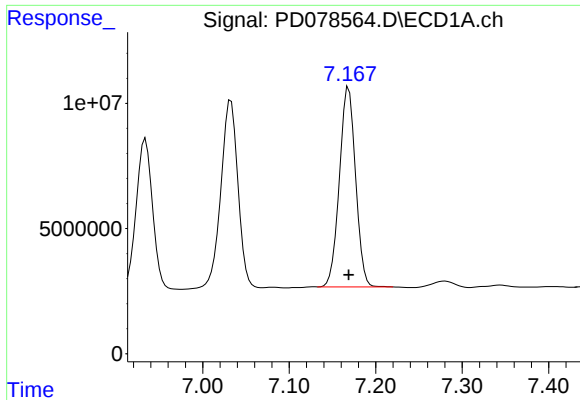
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 79258859
Conc: 29.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 47718634
Conc: 25.74 ng/ml



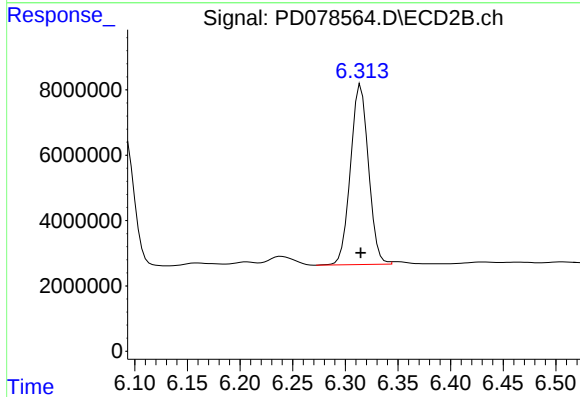
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 103096444
Conc: 32.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

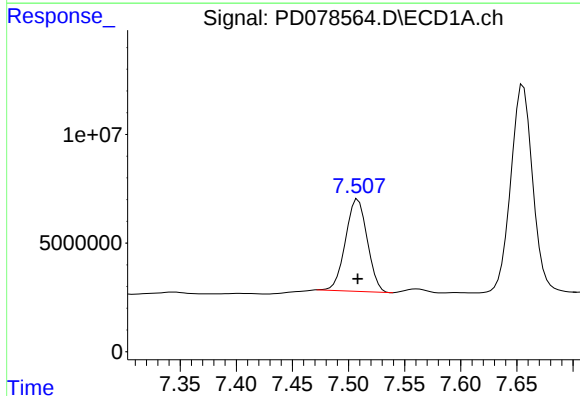
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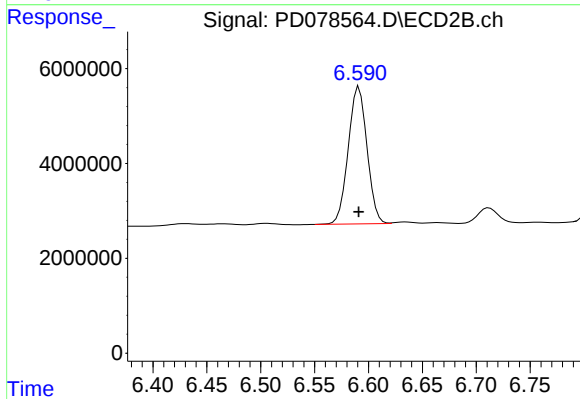
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 65655465
Conc: 29.59 ng/ml



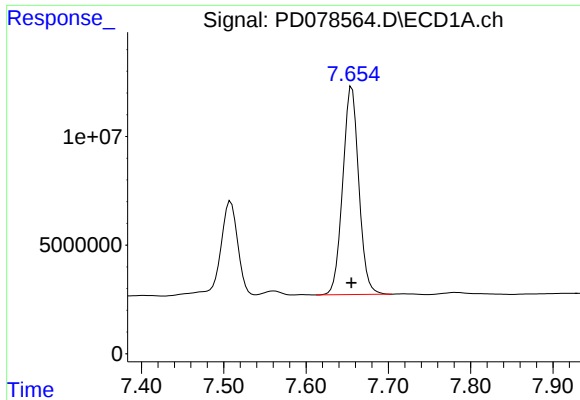
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 57295230
Conc: 34.33 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 35087664
Conc: 32.16 ng/ml



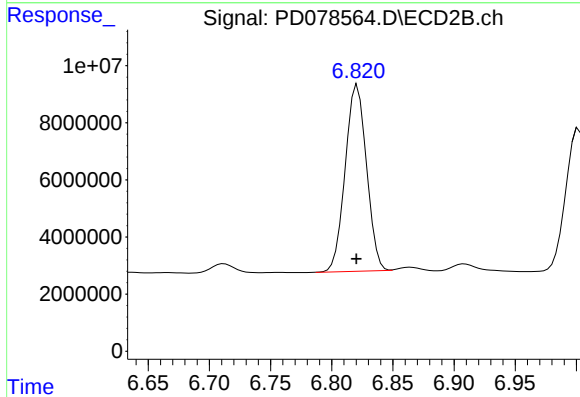
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 130119197
Conc: 36.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

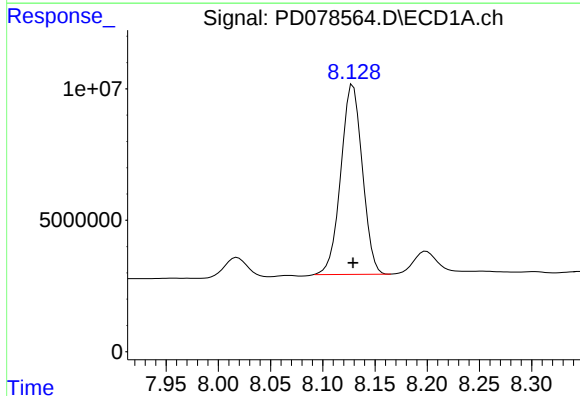
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



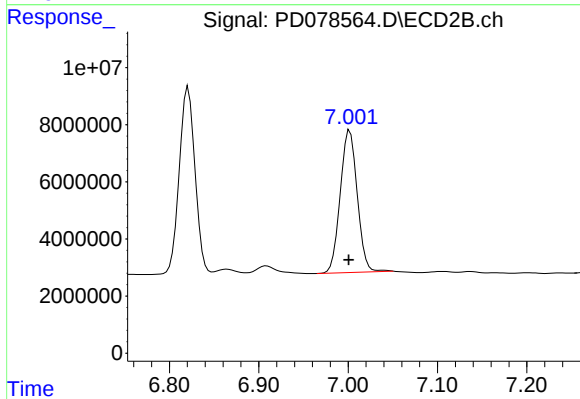
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 79215942
Conc: 30.18 ng/ml



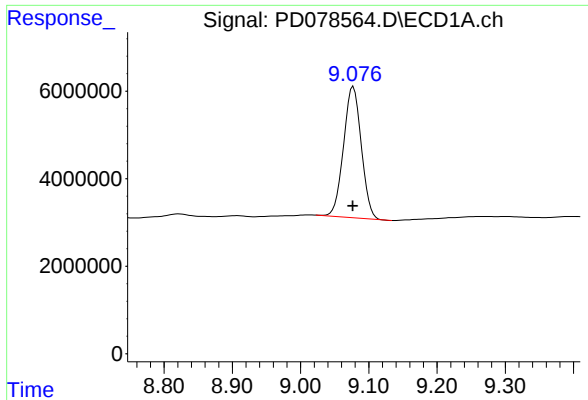
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 103506747
Conc: 38.75 ng/ml



#22 Mirex

R.T.: 7.002 min
Delta R.T.: 0.001 min
Response: 65914387
Conc: 32.35 ng/ml



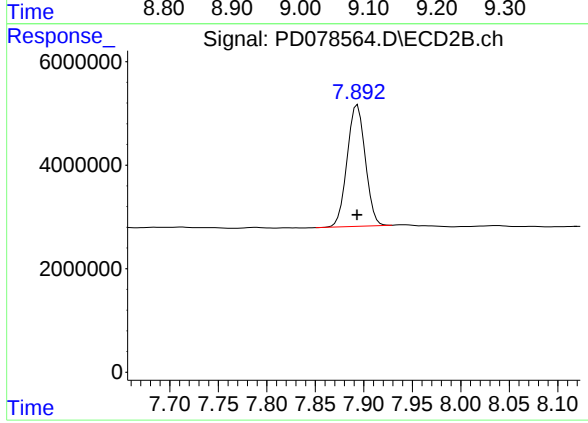
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 54170336
Conc: 14.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR200027MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 30529734
Conc: 13.45 ng/ml