

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 03:49
 Operator : AR\AJ
 Sample : 04687-03MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-3-092923MSD

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 06:26:41 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...	3.539	2.757	42580252	30850776	14.750	15.105
28)	SA Decachlor...	9.077	7.893	50606860	26131504	13.646	11.516
Target Compounds							
2)	A alpha-BHC	3.996	3.258	189.3E6	120.2E6	38.990	40.087
3)	MA gamma-BHC...	4.329	3.588	174.5E6	112.4E6	37.302	38.812
4)	MA Heptachlor	4.920	3.926	183.8E6	120.1E6	39.103	40.713
5)	MB Aldrin	5.262	4.205	174.1E6	106.5E6	36.032	35.891
6)	B beta-BHC	4.527	3.885	69646217	46650884	37.498	40.364
7)	B delta-BHC	4.776	4.114	169.9E6	110.2E6	37.727	38.503
8)	B Heptachlo...	5.690	4.707	150.2E6	102.6E6	35.770	37.971
9)	A Endosulfan I	6.077	5.078	136.0E6	87850990	34.812	34.935
10)	B gamma-Chl...	5.947	4.958	151.5E6	102.2E6	36.081	38.030
11)	B alpha-Chl...	6.026	5.022	146.9E6	99655968	34.856	37.113
12)	B 4,4'-DDE	6.198	5.210	127.8E6	97382850	31.934	38.274
13)	MA Dieldrin	6.352	5.342	142.6E6	104.1E6	33.993	37.293
14)	MA Endrin	6.583	5.618	123.2E6	92162721	36.677	37.249
15)	B Endosulfa...	6.803	5.912	115.7E6	79908027	32.139	33.567
16)	A 4,4'-DDD	6.717	5.765	108.8E6	74859396	36.550	37.830
17)	MA 4,4'-DDT	7.032	6.016	111.9E6	73556331	37.811	36.137
18)	B Endrin al...	6.932	6.092	88587146	60549613	33.159m	32.661
19)	B Endosulfa...	7.169	6.314	113.0E6	77056486	35.170	34.733
20)	A Methoxychlor	7.508	6.591	59065893	39032803	35.392	35.776
21)	B Endrin ke...	7.653	6.821	120.5E6	81383537	33.541m	31.008
22)	Mirex	8.129	7.001	91161772	63278070	34.131	31.052

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 03:49
Operator : AR\AJ
Sample : 04687-03MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

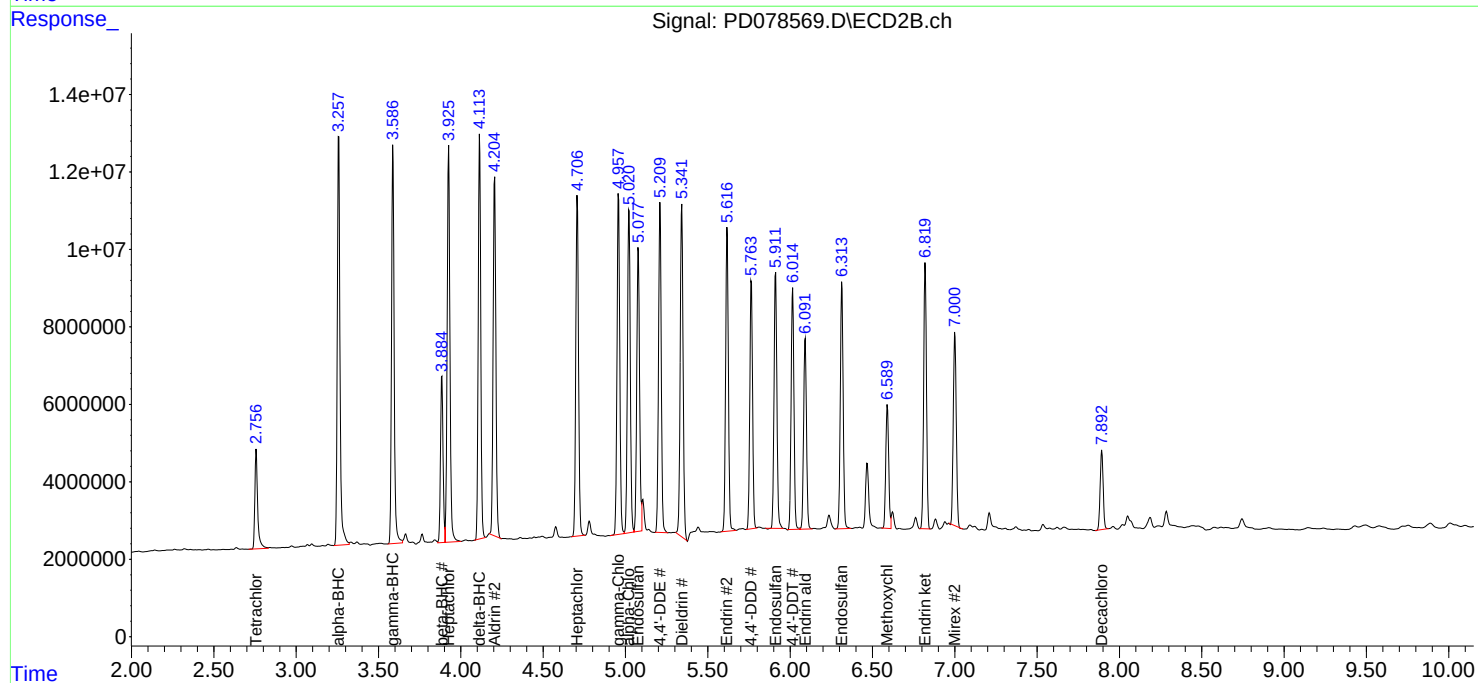
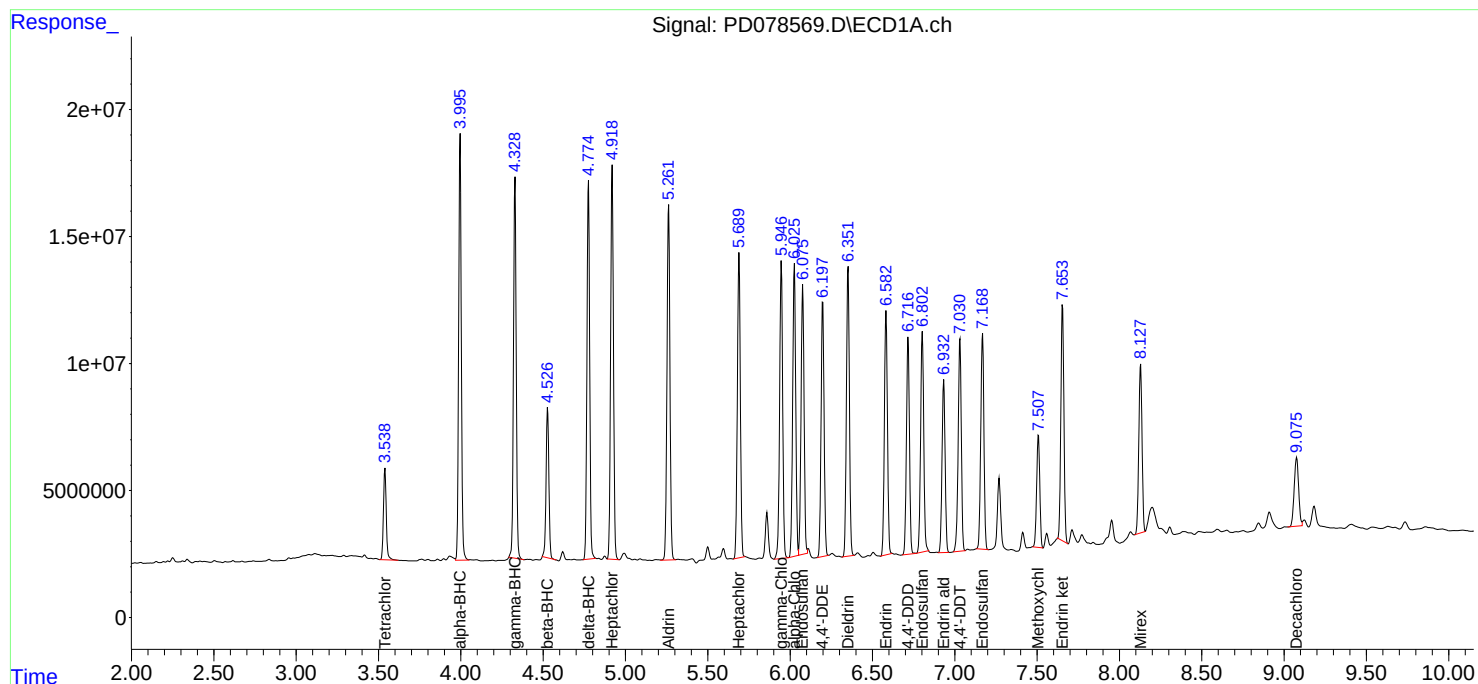
Instrument :
ECD_D
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HR-3-092923MSD

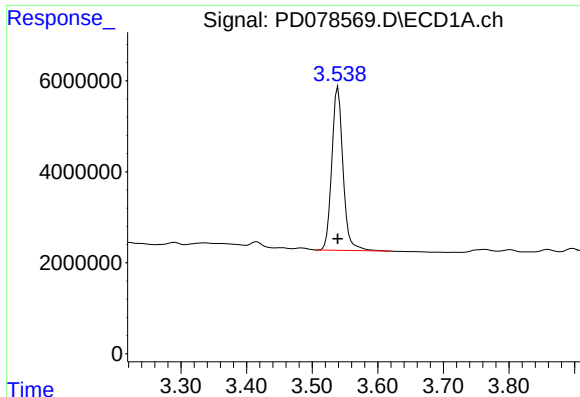
Manual Integrations
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Supervised By : Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 06:26:41 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
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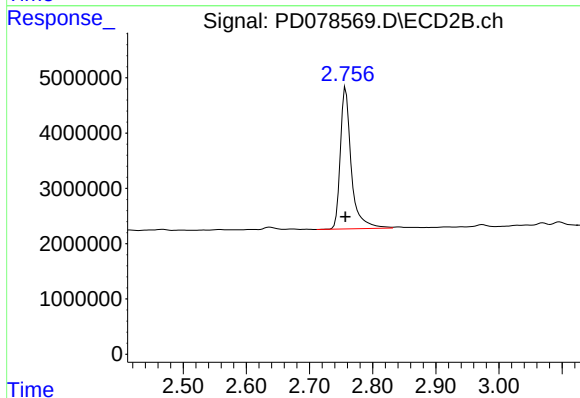
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 42580252
Conc: 14.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

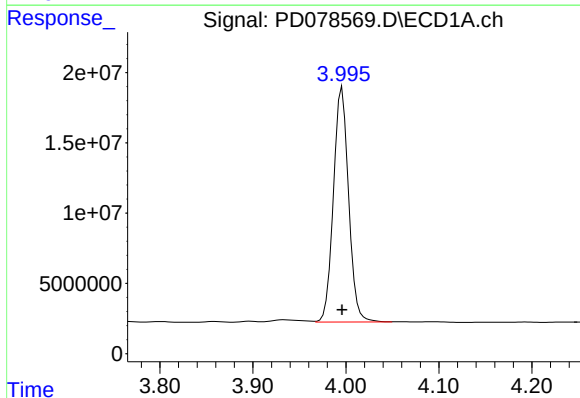
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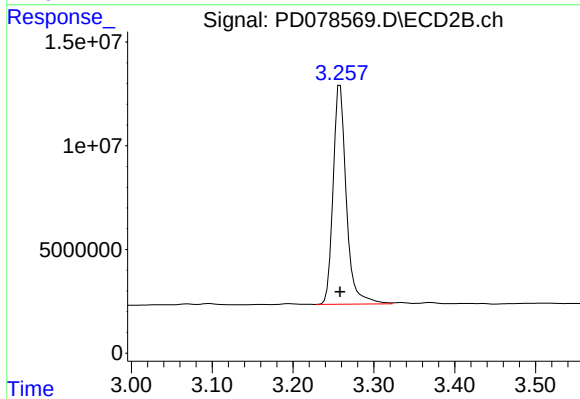
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 30850776
Conc: 15.11 ng/ml



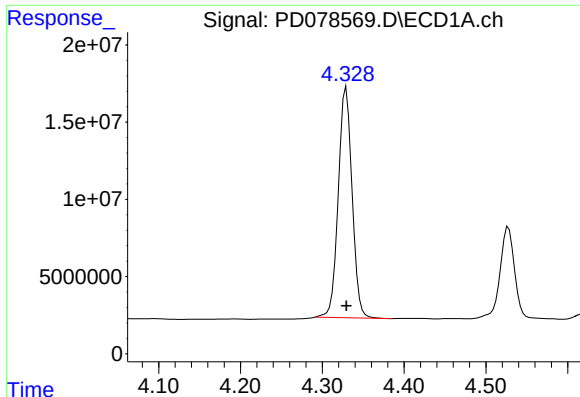
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 189347641
Conc: 38.99 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 120163504
Conc: 40.09 ng/ml



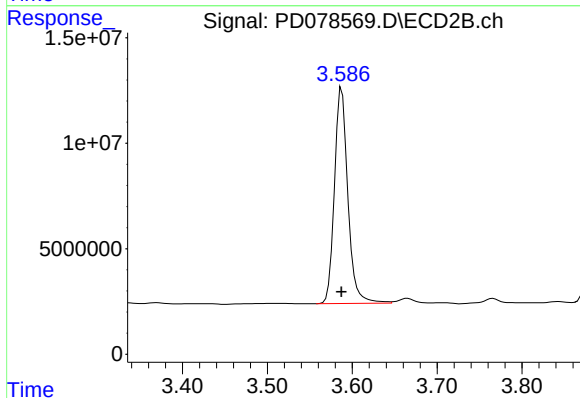
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 174504653
Conc: 37.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

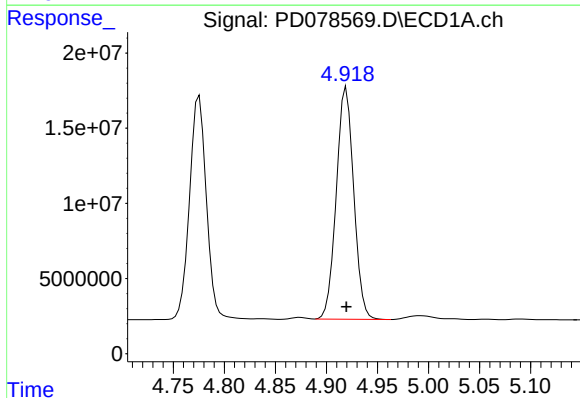
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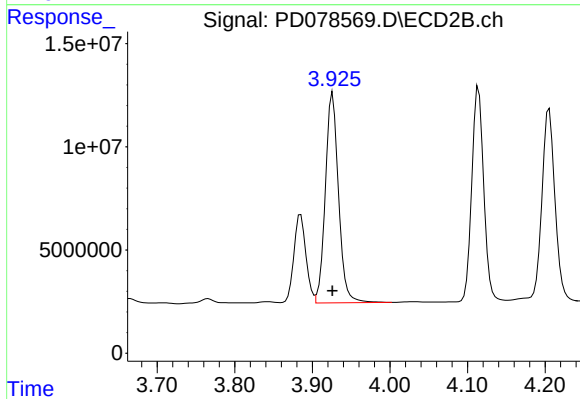
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 112445159
Conc: 38.81 ng/ml



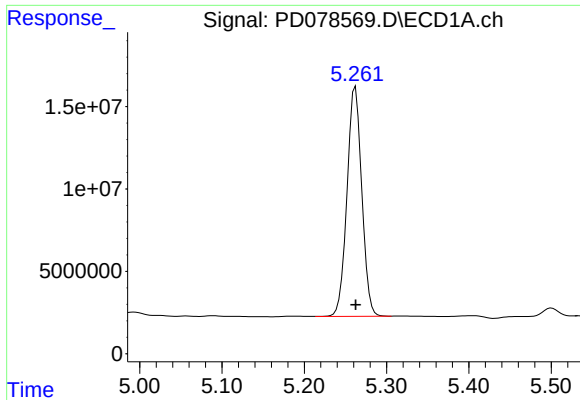
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 183840701
Conc: 39.10 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 120121773
Conc: 40.71 ng/ml



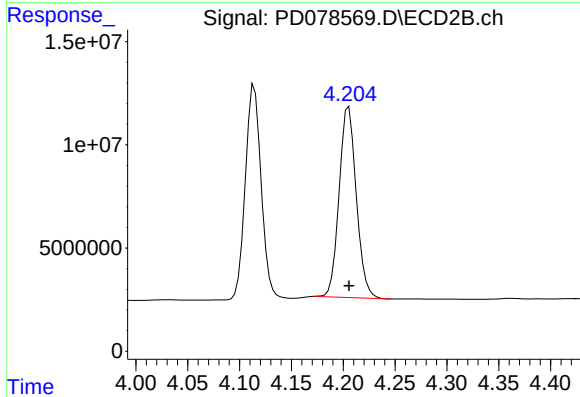
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 174069957
Conc: 36.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

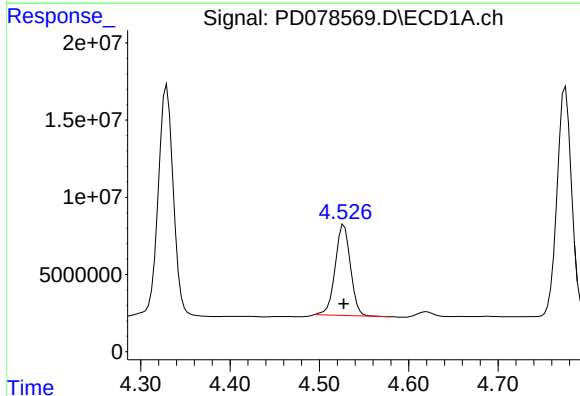
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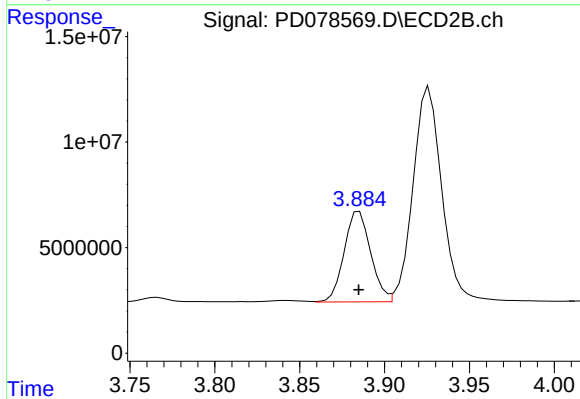
#5 Aldrin

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 106486100
Conc: 35.89 ng/ml



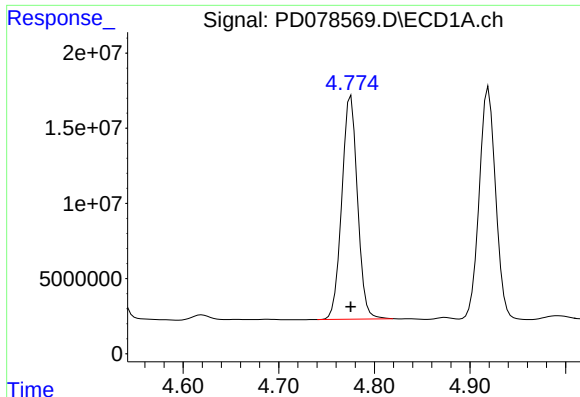
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 69646217
Conc: 37.50 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 46650884
Conc: 40.36 ng/ml



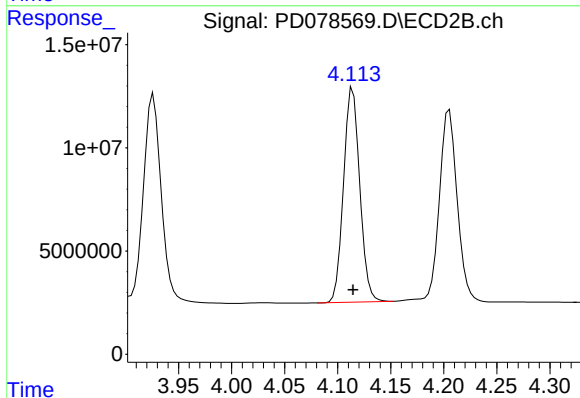
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 169925708
Conc: 37.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

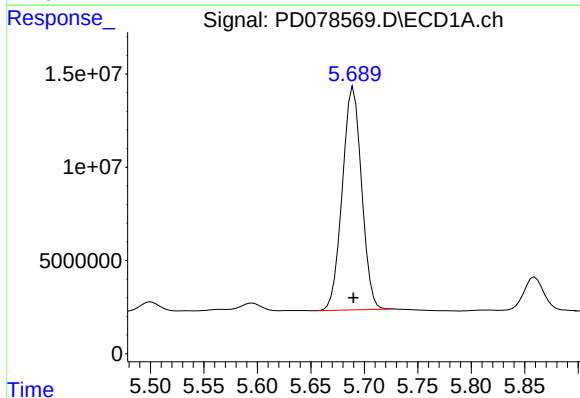
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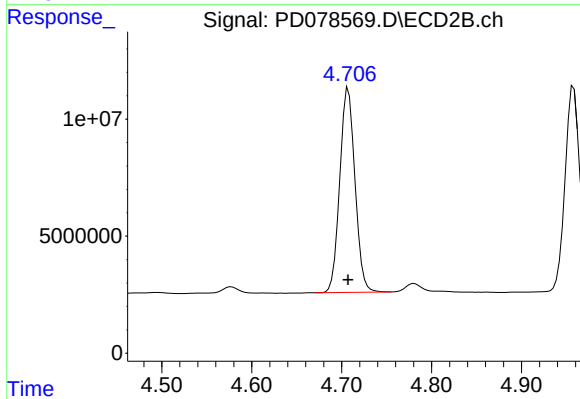
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 110166445
Conc: 38.50 ng/ml



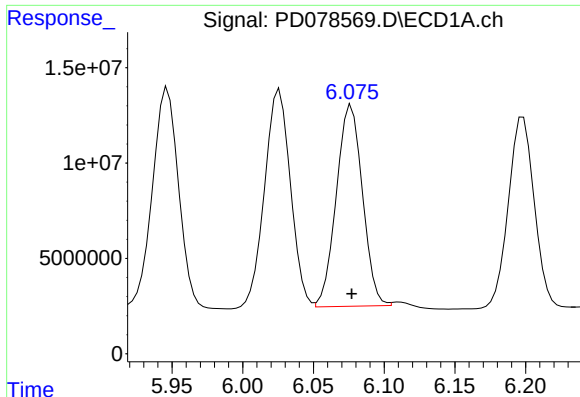
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 150235003
Conc: 35.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 102626432
Conc: 37.97 ng/ml



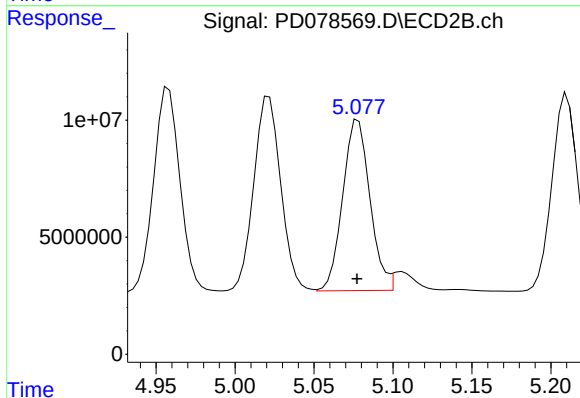
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 136004759
Conc: 34.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

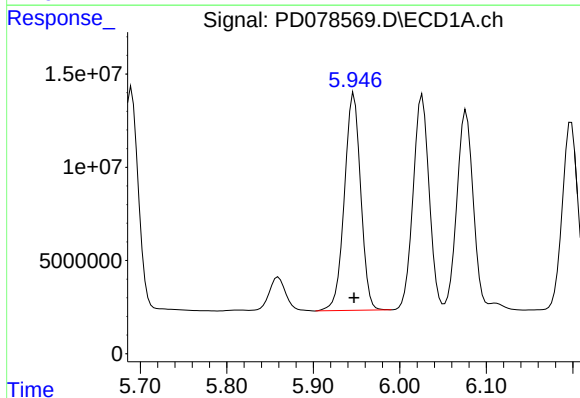
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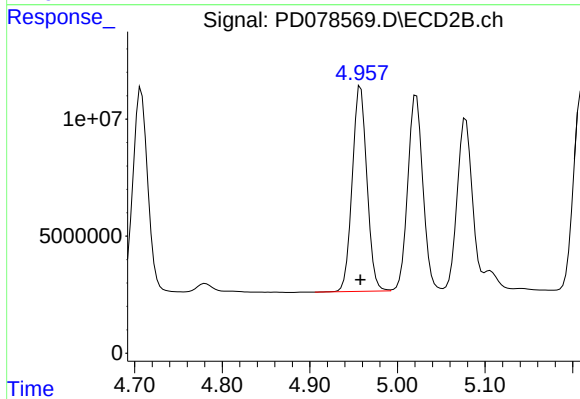
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 87850990
Conc: 34.94 ng/ml



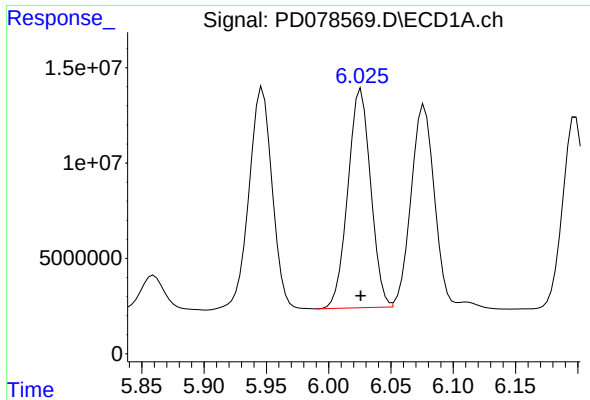
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 151508423
Conc: 36.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 102199002
Conc: 38.03 ng/ml



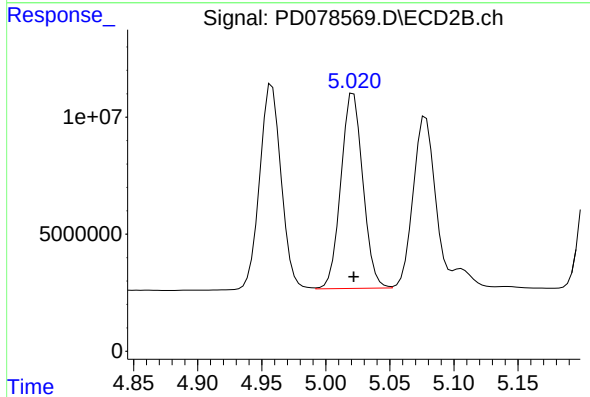
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 146853084
Conc: 34.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

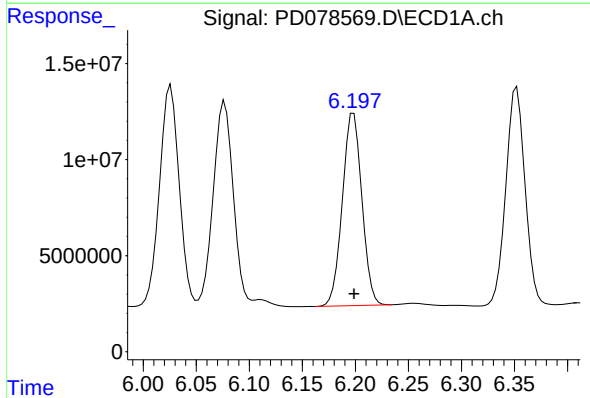
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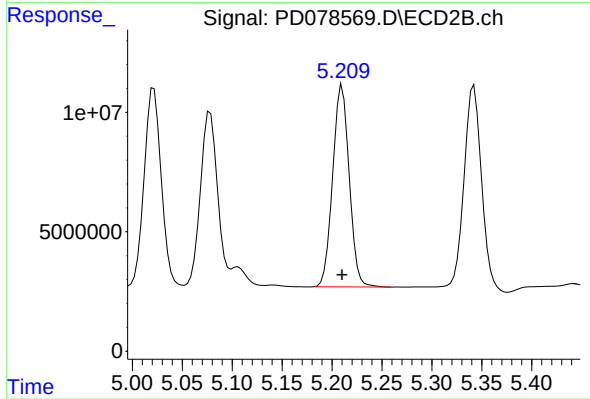
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 99655968
Conc: 37.11 ng/ml



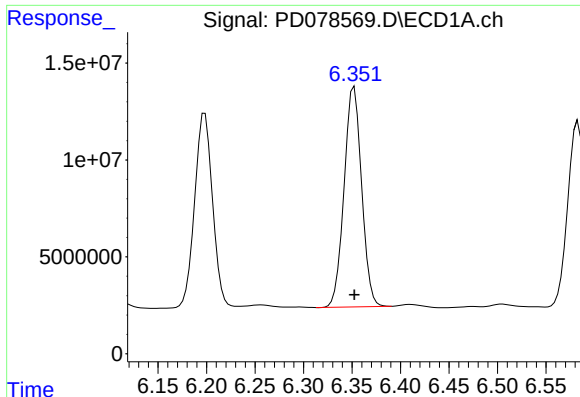
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 127819405
Conc: 31.93 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 97382850
Conc: 38.27 ng/ml



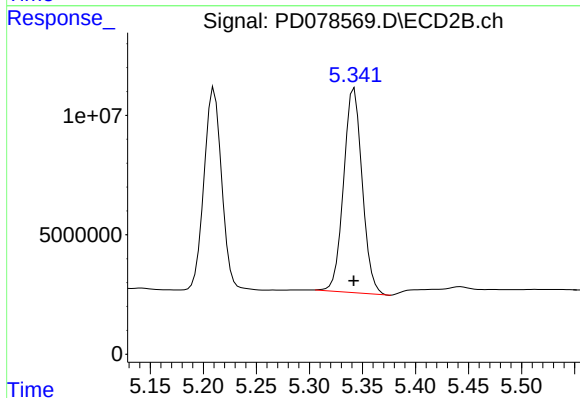
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 142610257
Conc: 33.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

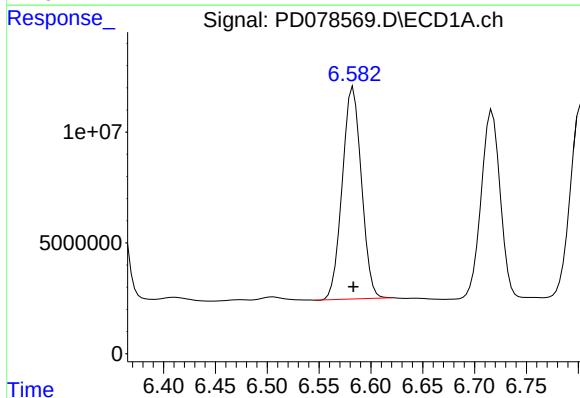
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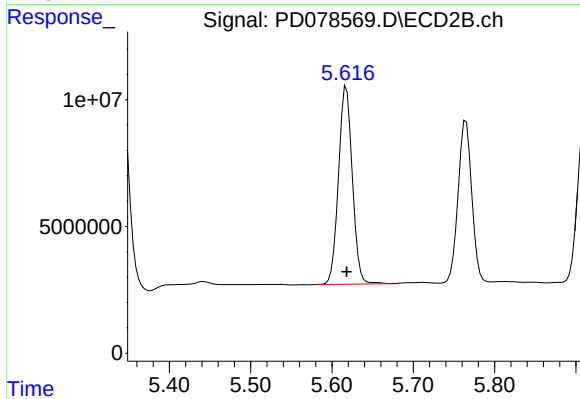
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 104110028
Conc: 37.29 ng/ml



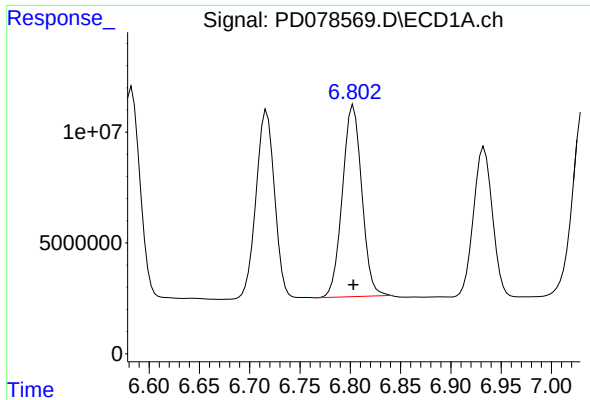
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 123172491
Conc: 36.68 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 92162721
Conc: 37.25 ng/ml



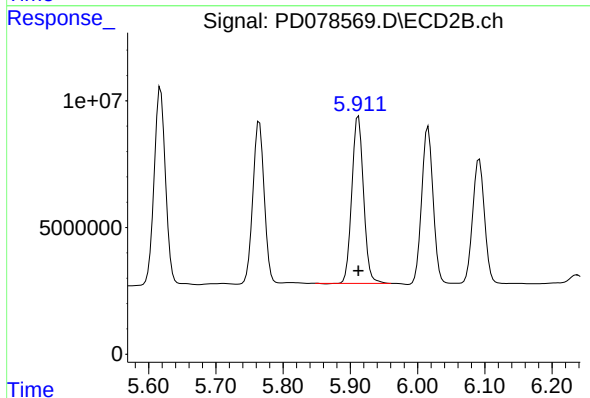
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 115682428
Conc: 32.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
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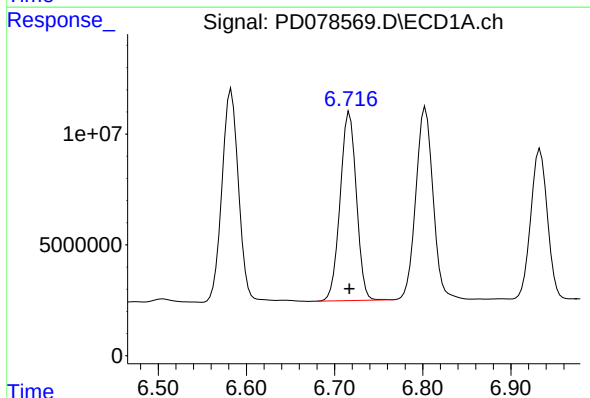
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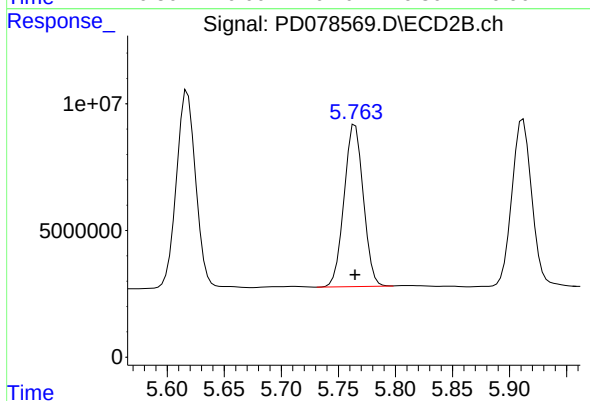
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 79908027
Conc: 33.57 ng/ml



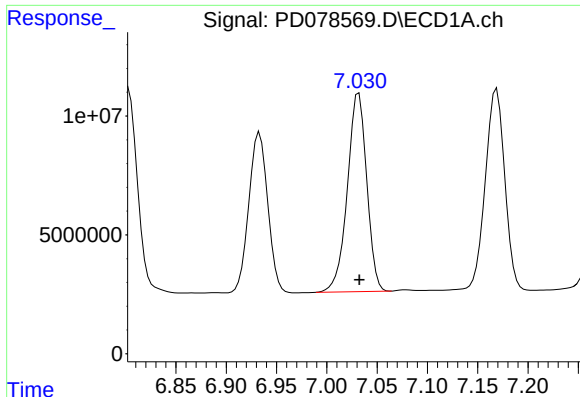
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 108757878
Conc: 36.55 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 74859396
Conc: 37.83 ng/ml



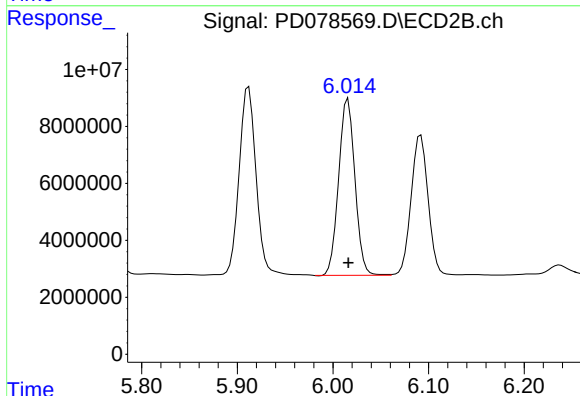
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 111895497
Conc: 37.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

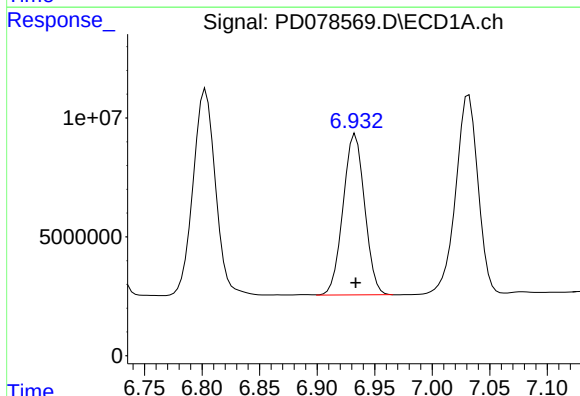
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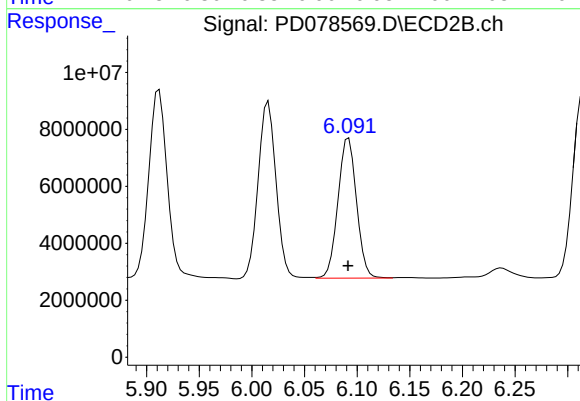
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 73556331
Conc: 36.14 ng/ml



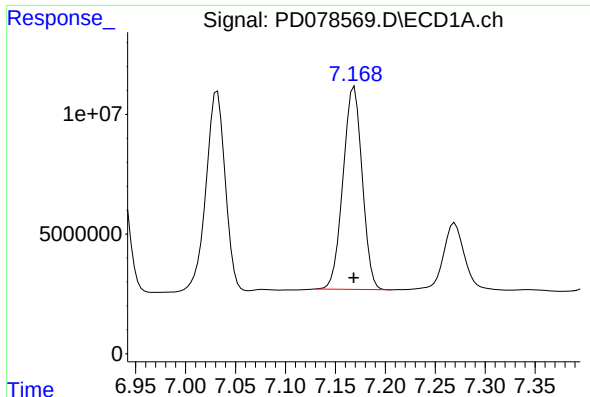
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 88587146
Conc: 33.16 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 60549613
Conc: 32.66 ng/ml



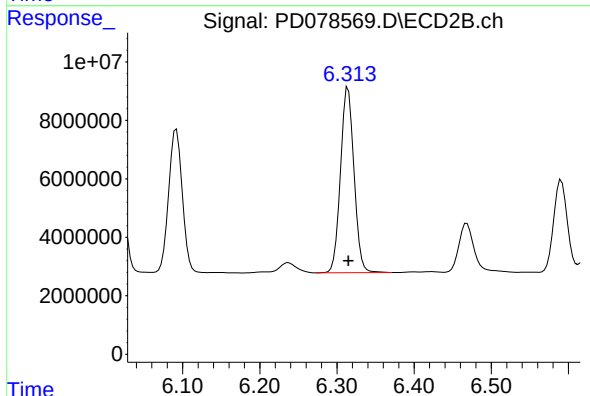
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 112997655
Conc: 35.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

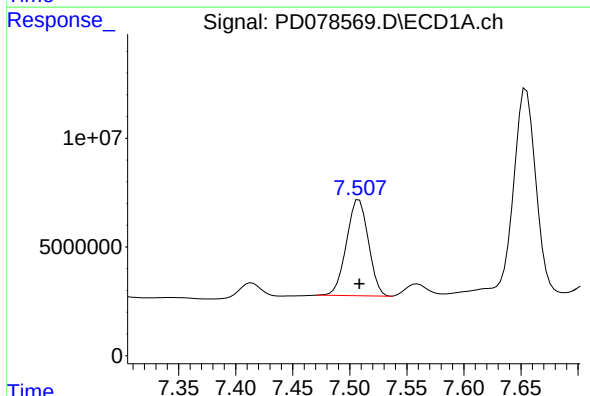
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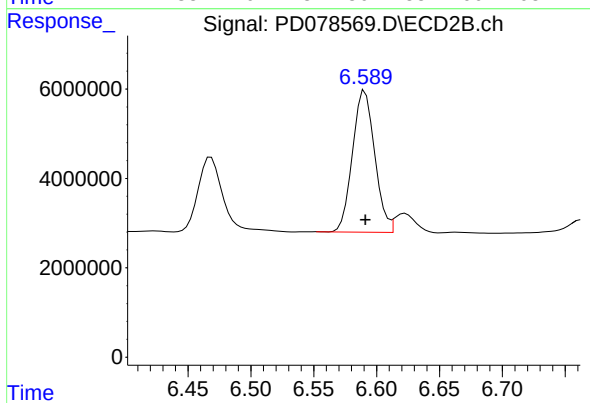
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 77056486
Conc: 34.73 ng/ml



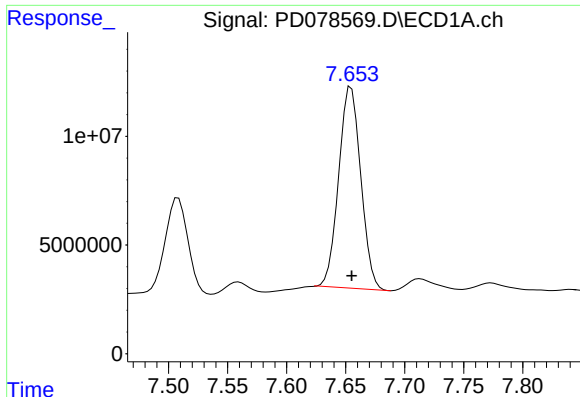
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 59065893
Conc: 35.39 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 39032803
Conc: 35.78 ng/ml



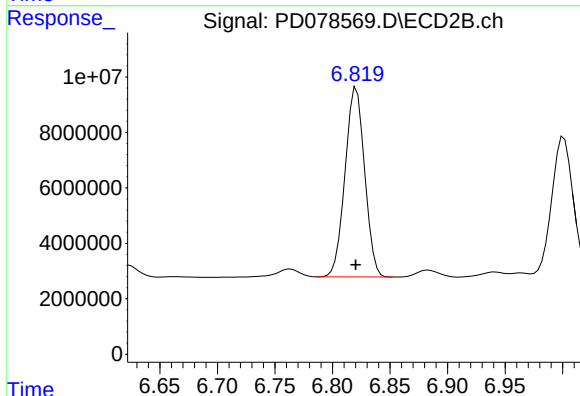
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: -0.002 min
Response: 120510385
Conc: 33.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
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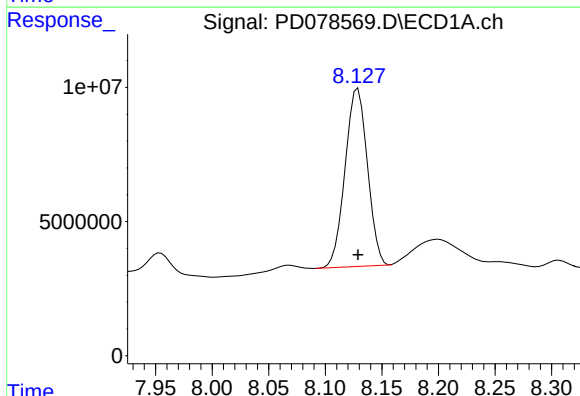
Manual Integrations
APPROVED

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



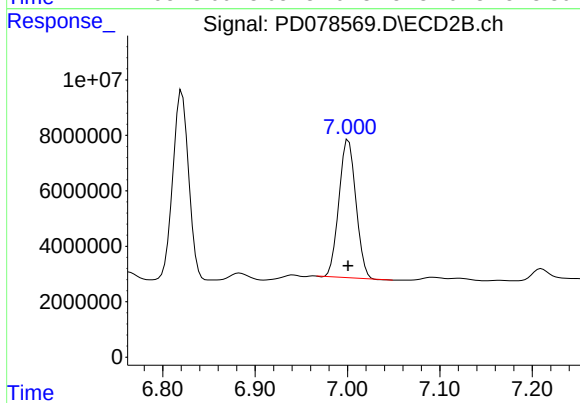
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 81383537
Conc: 31.01 ng/ml



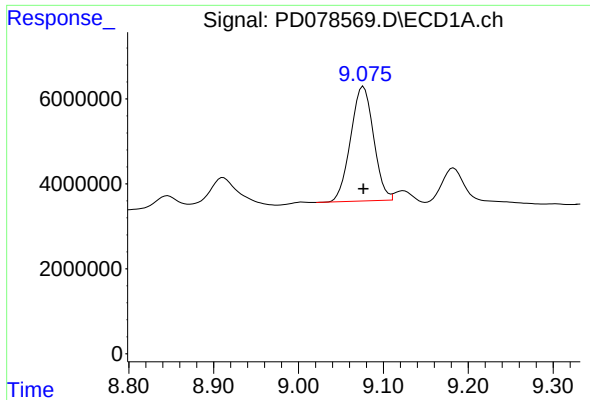
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 91161772
Conc: 34.13 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 63278070
Conc: 31.05 ng/ml



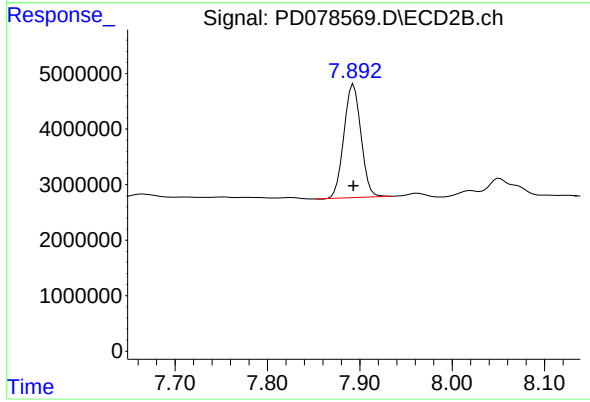
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 50606860
Conc: 13.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-3-092923MSD

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#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 26131504
Conc: 11.52 ng/ml