

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
 Data File : PD076234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2023 10:59
 Operator : AR\AJ
 Sample : PB153914BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153914BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 00:21:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.547	2.766	46295836	23946869	21.734	22.072
28)	SA Decachlor...	9.090	7.912	55417681	24222562	21.875	24.773
Target Compounds							
2)	A alpha-BHC	4.003	3.268	177.6E6	77222693	48.095	48.272
3)	MA gamma-BHC...	4.337	3.598	162.1E6	72336017	48.171	49.094
4)	MA Heptachlor	4.928	3.938	165.4E6	71976905	46.106	47.389
5)	MB Aldrin	5.271	4.219	164.5E6	71656915	46.932	48.053
6)	B beta-BHC	4.533	3.895	67433927	31178523	46.903	48.914
7)	B delta-BHC	4.782	4.125	162.7E6	72757938	48.956	50.213
8)	B Heptachlo...	5.698	4.721	147.9E6	65151293	45.888	47.430
9)	A Endosulfan I	6.086	5.092	136.9E6	60857417	45.637	47.612
10)	B gamma-Chl...	5.956	4.971	150.8E6	65948161	46.820	48.063
11)	B alpha-Chl...	6.035	5.035	147.6E6	65318078	45.648	47.616
12)	B 4,4'-DDE	6.207	5.225	135.8E6	60052706	47.503	53.803
13)	MA Dieldrin	6.361	5.356	144.5E6	65520231	46.244	48.563
14)	MA Endrin	6.592	5.632	120.5E6	56779933	45.062	46.656
15)	B Endosulfa...	6.812	5.926	117.7E6	53460201	45.541	49.553
16)	A 4,4'-DDD	6.726	5.780	111.9E6	51019704	49.175	57.893
17)	MA 4,4'-DDT	7.041	6.031	108.7E6	45948905	47.920	56.567
18)	B Endrin al...	6.940	6.106	92501739	42781069	46.099m	49.430
19)	B Endosulfa...	7.177	6.329	115.3E6	53636097	45.783	49.635
20)	A Methoxychlor	7.517	6.607	59821511	25739560	46.216	55.612
21)	B Endrin ke...	7.664	6.836	131.3E6	61581290	47.143	50.686
22)	Mirex	8.139	7.018	94374008	47977459	44.048	45.770

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

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Data File : PD076234.D
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Acq On : 30 Jun 2023 10:59
Operator : AR\AJ
Sample : PB153914BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

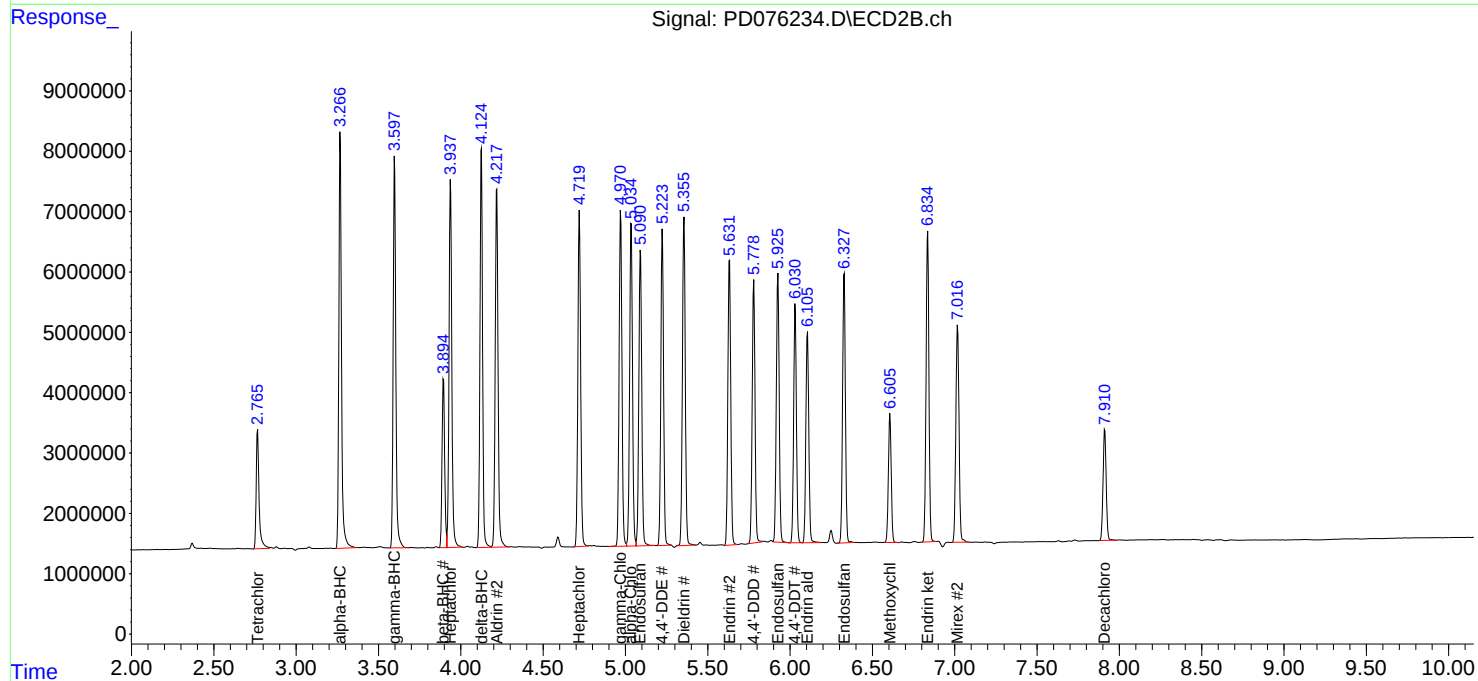
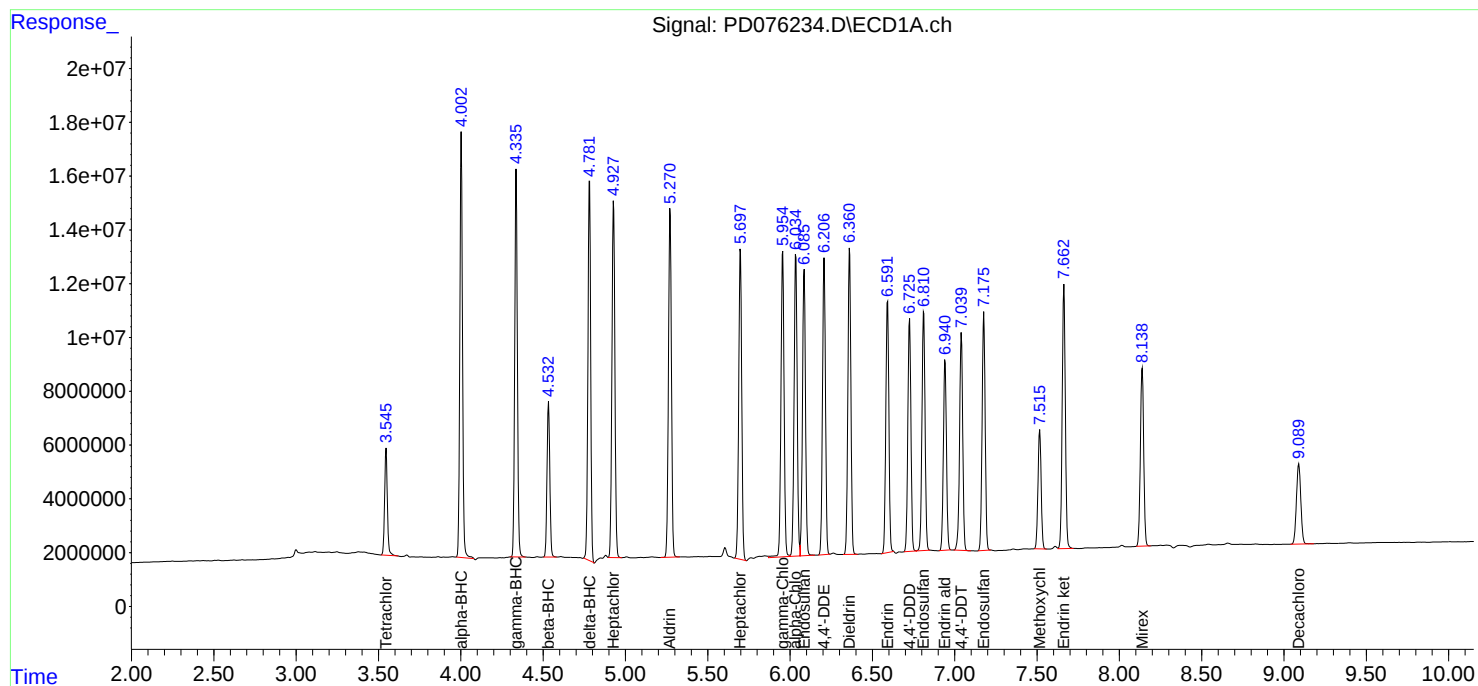
Instrument :
ECD_D
ClientSampleId :
PB153914BS

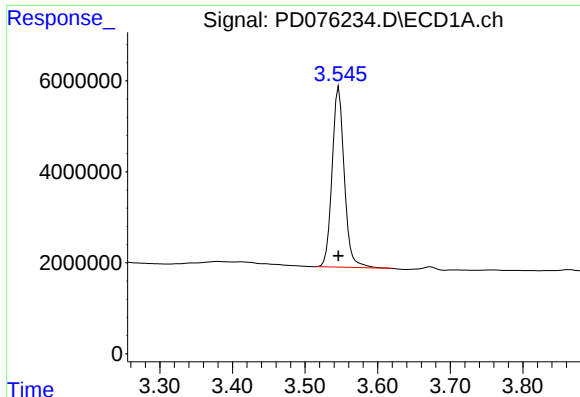
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Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 00:21:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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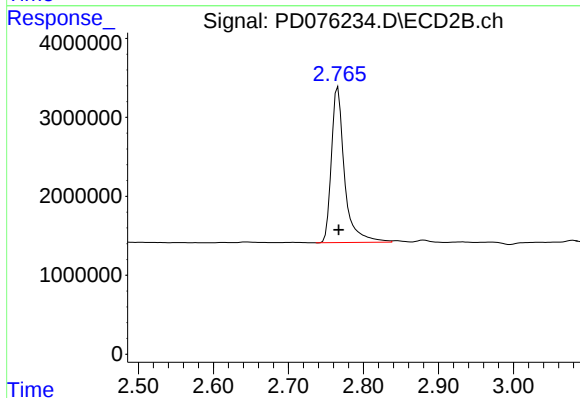
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 46295836
Conc: 21.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

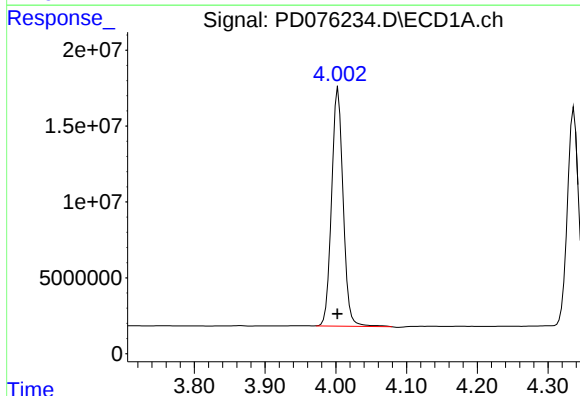
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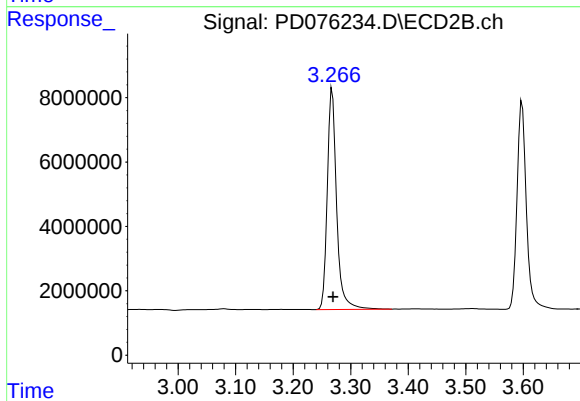
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.001 min
Response: 23946869
Conc: 22.07 ng/ml



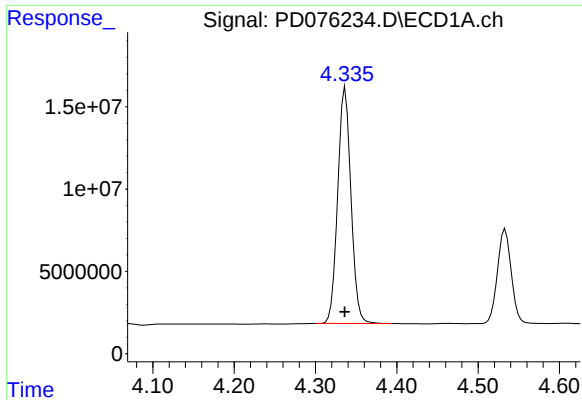
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 177570763
Conc: 48.09 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 77222693
Conc: 48.27 ng/ml



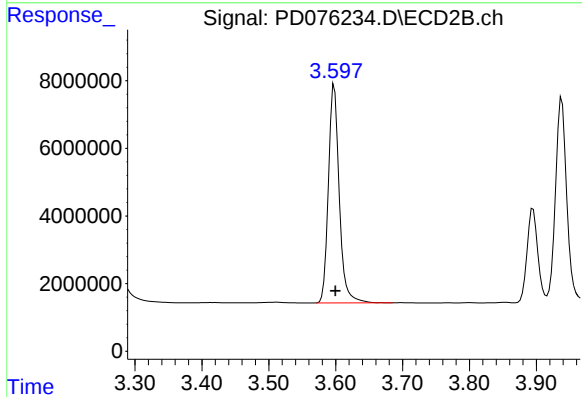
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 162089879
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

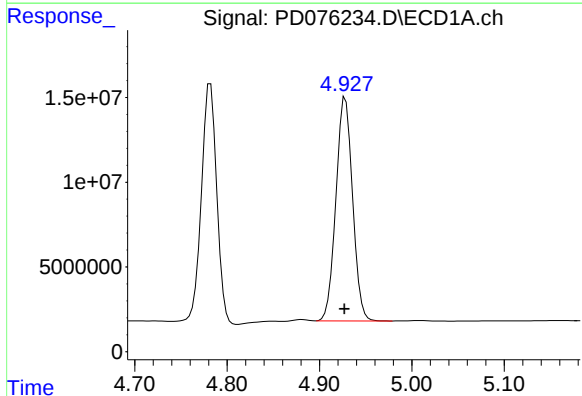
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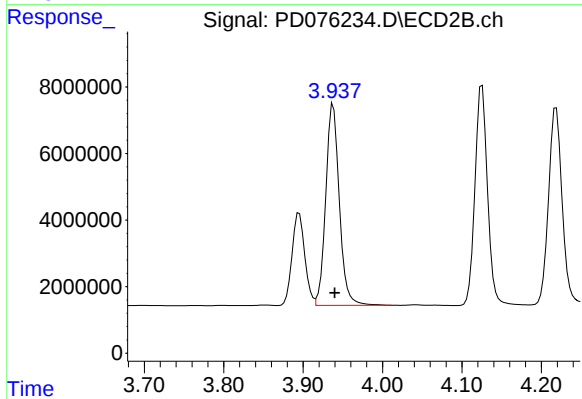
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.002 min
Response: 72336017
Conc: 49.09 ng/ml



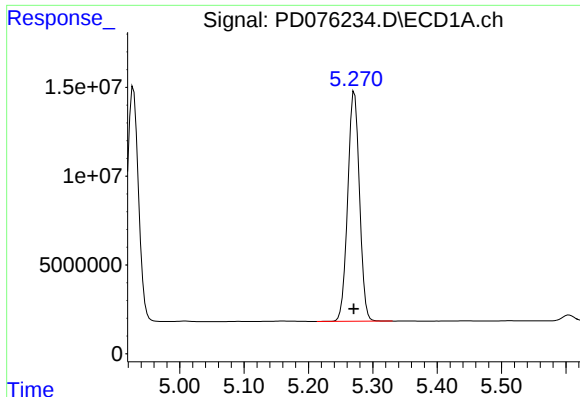
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 165362587
Conc: 46.11 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 71976905
Conc: 47.39 ng/ml



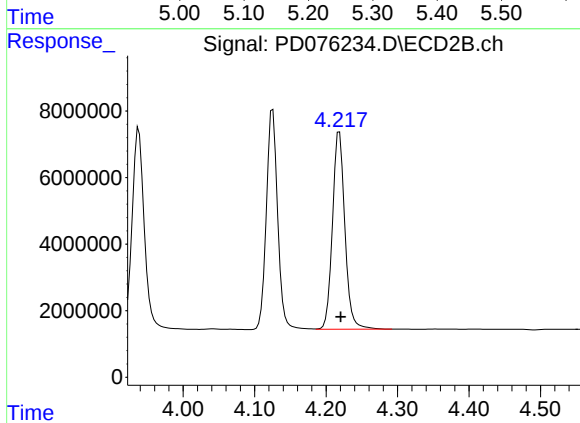
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 164459346
Conc: 46.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

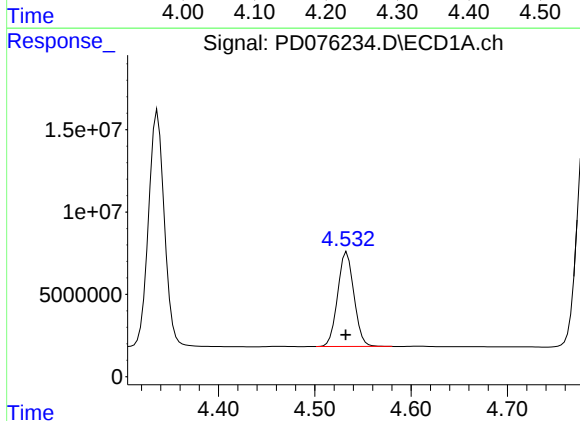
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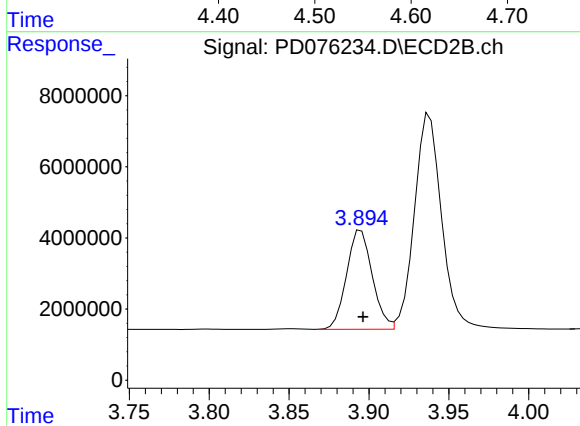
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 71656915
Conc: 48.05 ng/ml



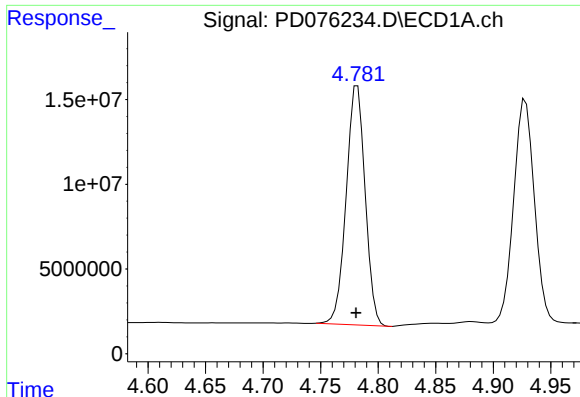
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 67433927
Conc: 46.90 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 31178523
Conc: 48.91 ng/ml



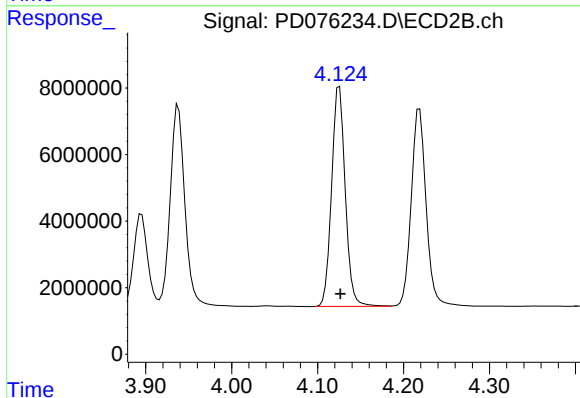
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 162712788
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

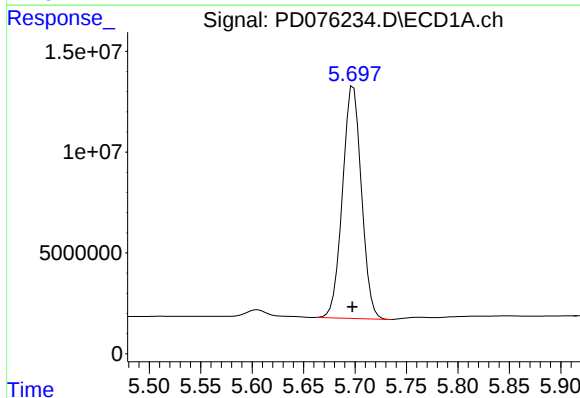
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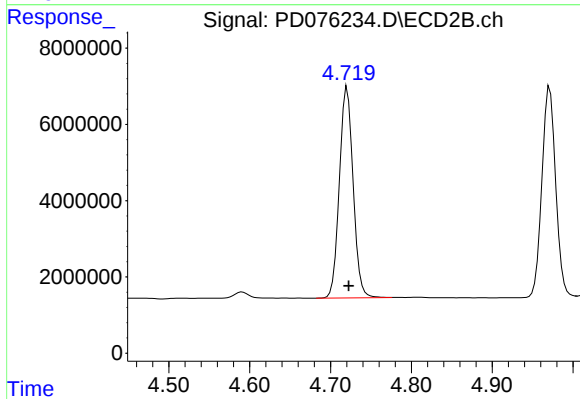
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 72757938
Conc: 50.21 ng/ml



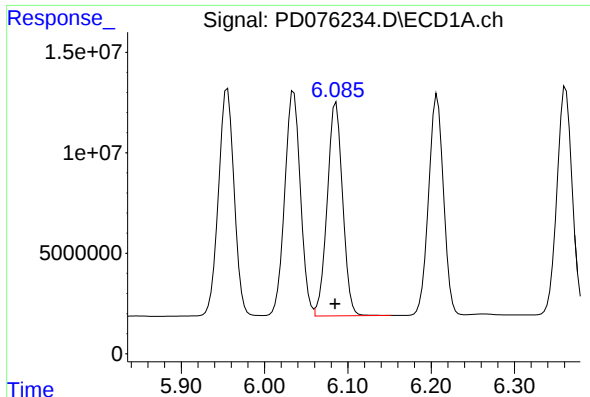
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 147863477
Conc: 45.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 65151293
Conc: 47.43 ng/ml



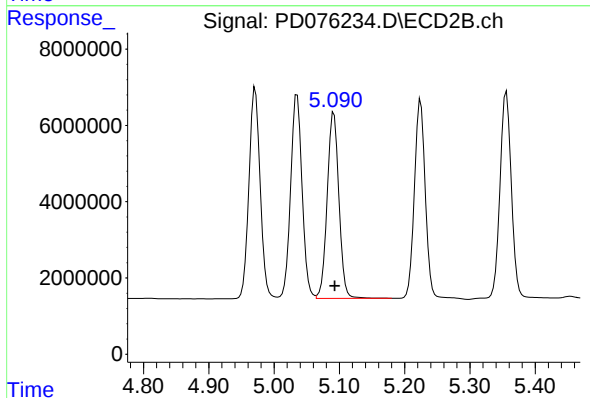
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 136887818
Conc: 45.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

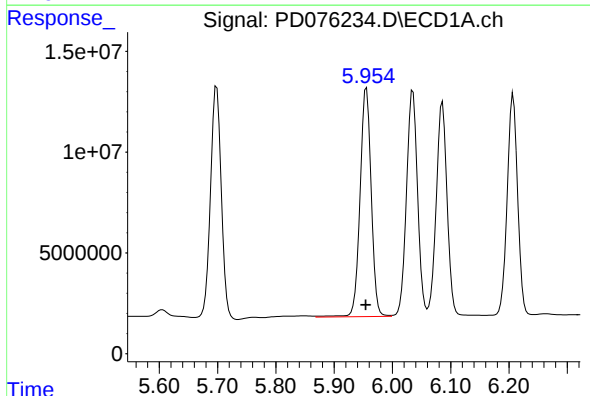
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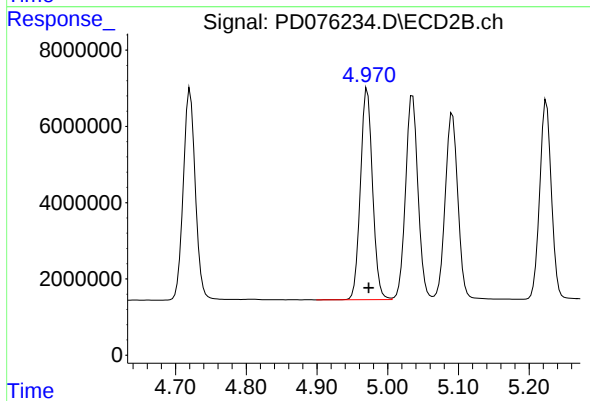
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 60857417
Conc: 47.61 ng/ml



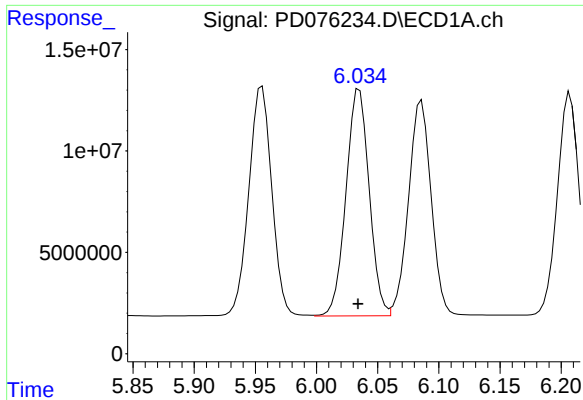
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 150823016
Conc: 46.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 65948161
Conc: 48.06 ng/ml



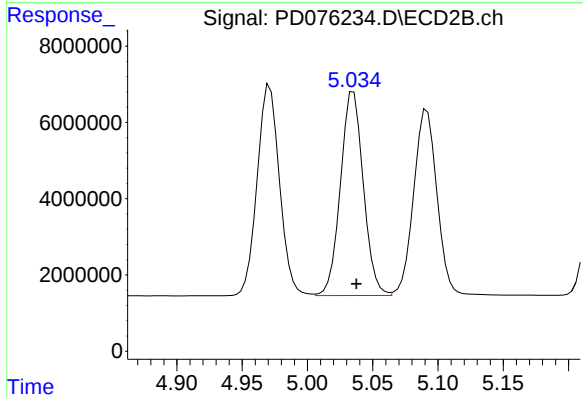
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 147574514
Conc: 45.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

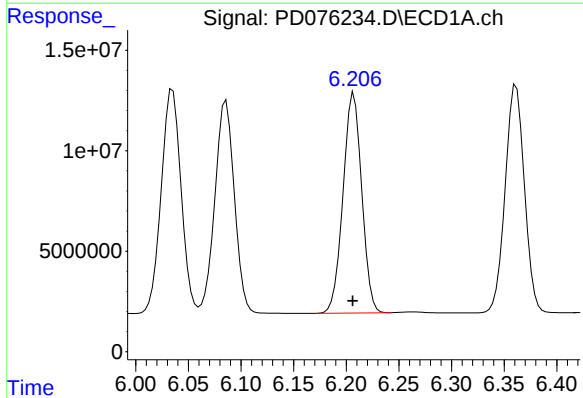
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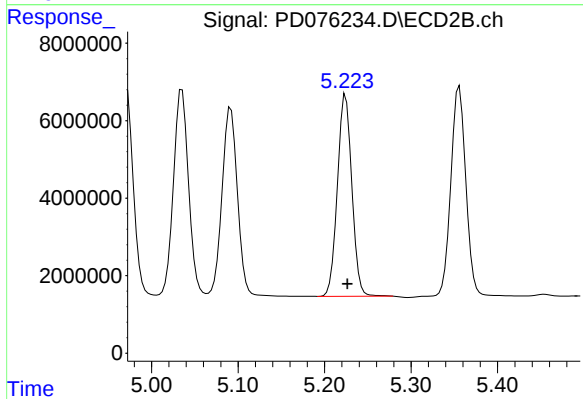
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 65318078
Conc: 47.62 ng/ml



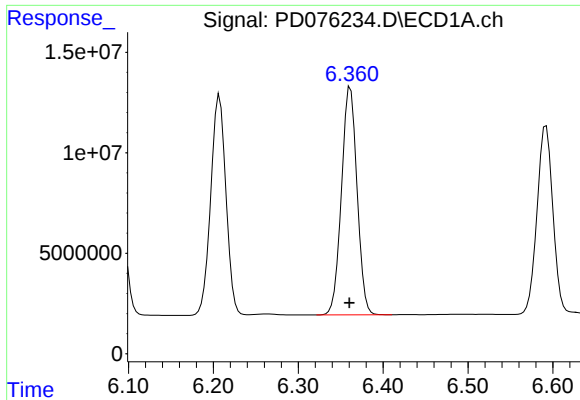
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 135770180
Conc: 47.50 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 60052706
Conc: 53.80 ng/ml



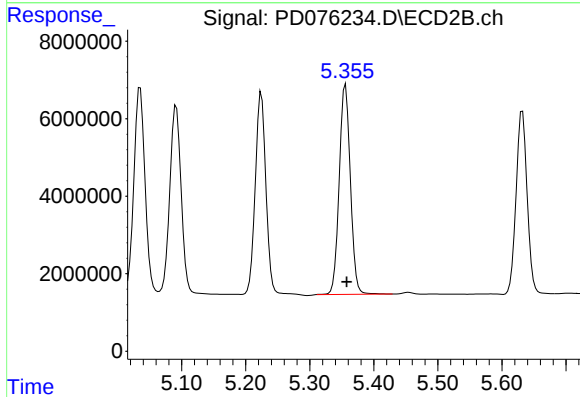
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 144512199
Conc: 46.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

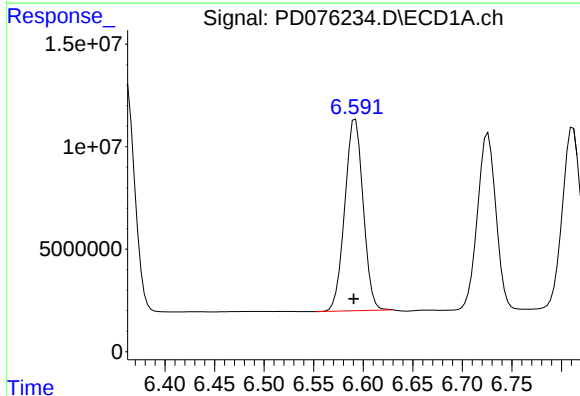
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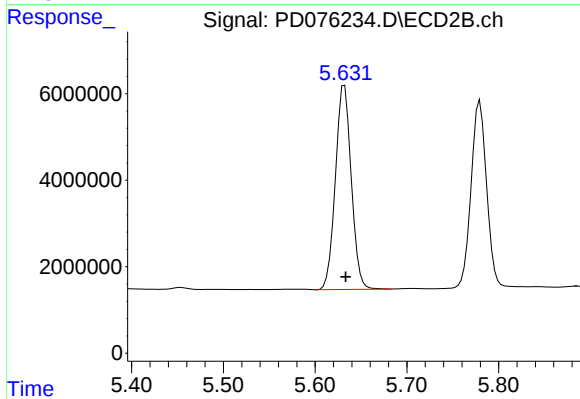
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 65520231
Conc: 48.56 ng/ml



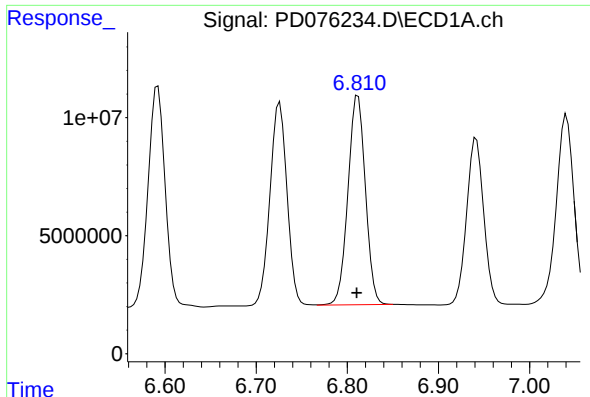
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.002 min
Response: 120511812
Conc: 45.06 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 56779933
Conc: 46.66 ng/ml



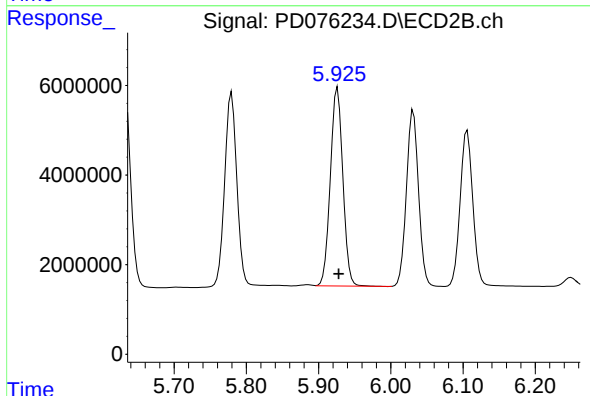
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 117660232
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

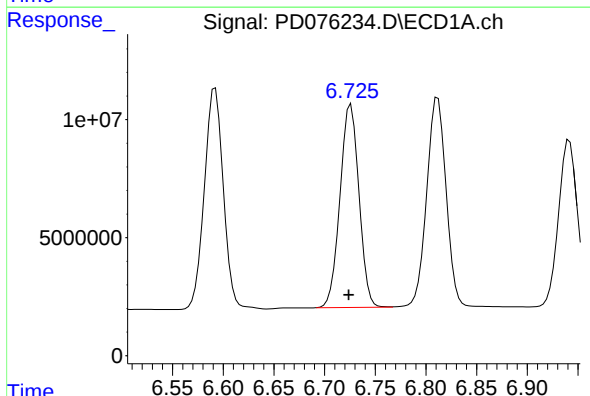
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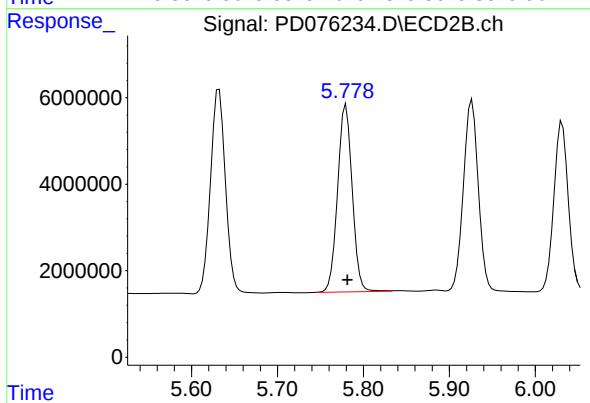
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 53460201
Conc: 49.55 ng/ml



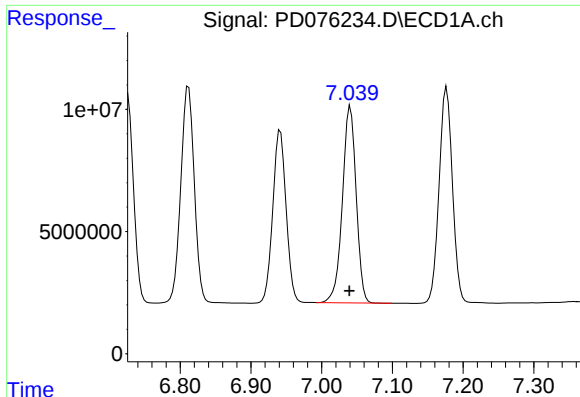
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 111903424
Conc: 49.17 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 51019704
Conc: 57.89 ng/ml



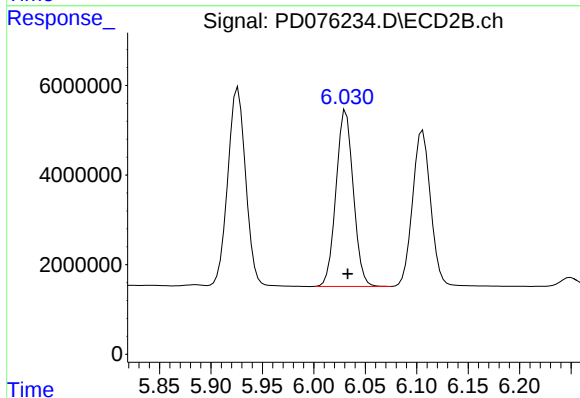
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 108743412
Conc: 47.92 ng/ml

Instrument :
ECD_D
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PB153914BS

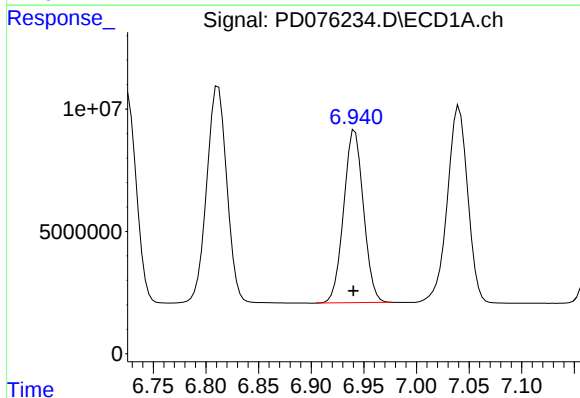
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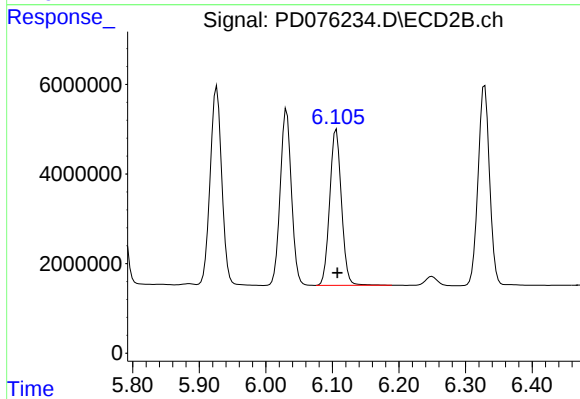
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 45948905
Conc: 56.57 ng/ml



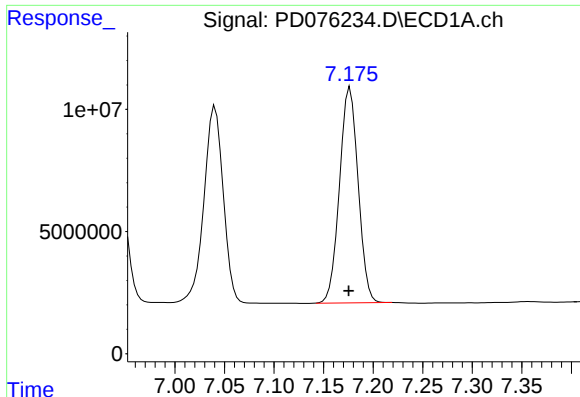
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 92501739
Conc: 46.10 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 42781069
Conc: 49.43 ng/ml



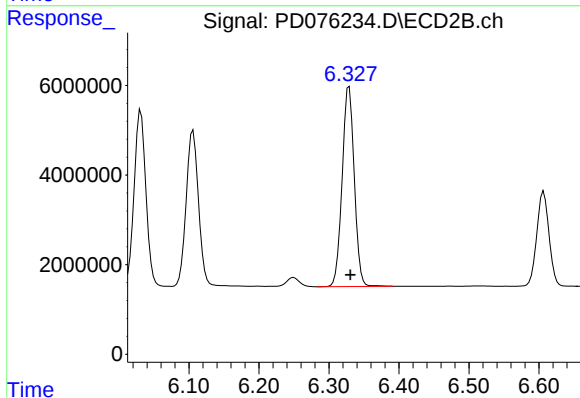
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.002 min
Response: 115342479
Conc: 45.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

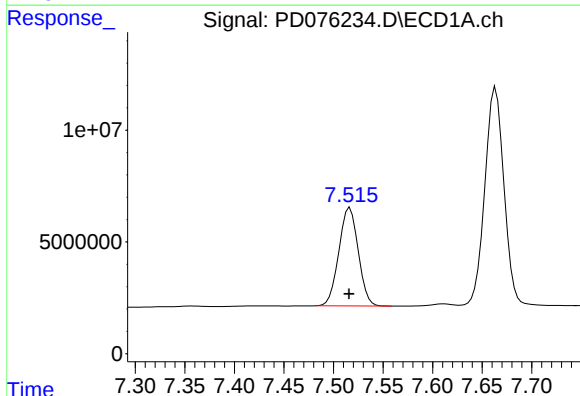
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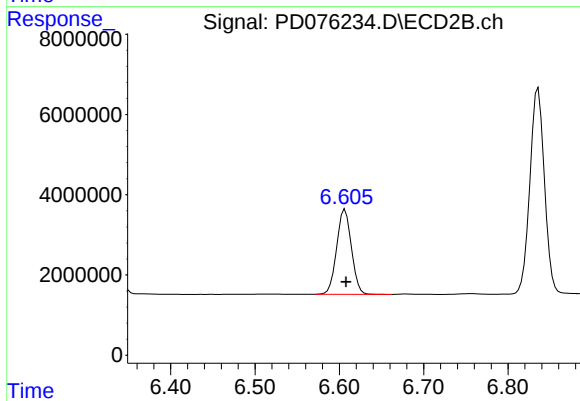
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 53636097
Conc: 49.64 ng/ml



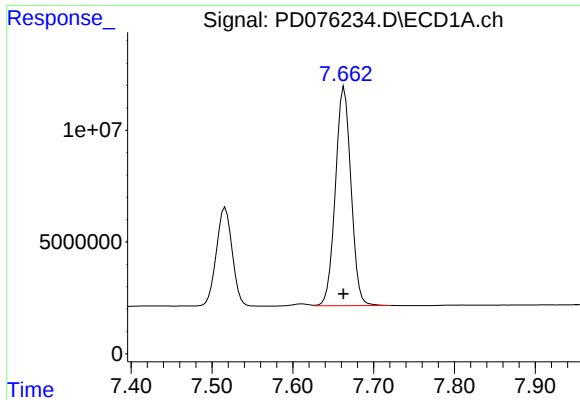
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 59821511
Conc: 46.22 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 25739560
Conc: 55.61 ng/ml



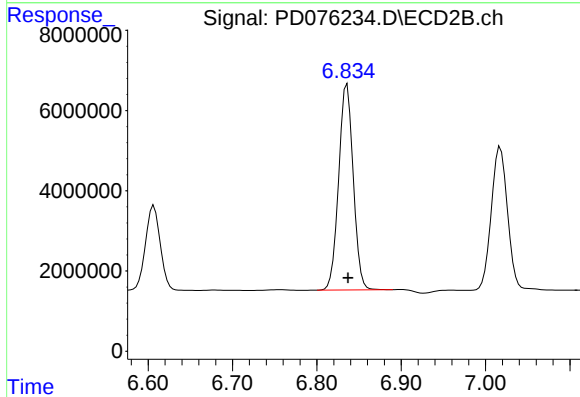
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.001 min
Response: 131338731
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

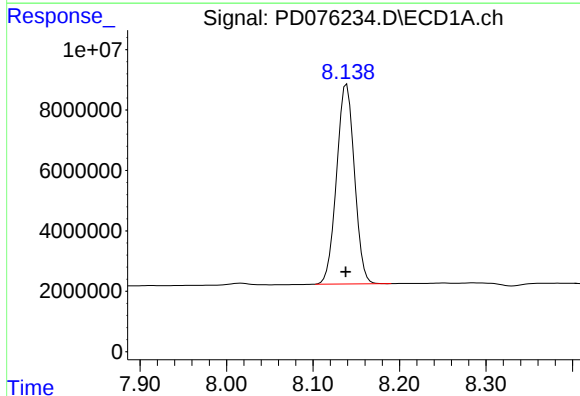
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



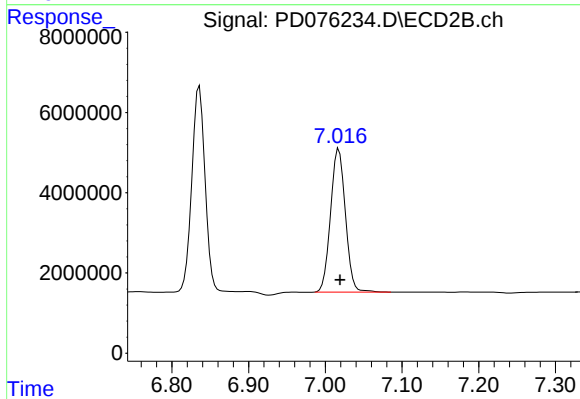
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 61581290
Conc: 50.69 ng/ml



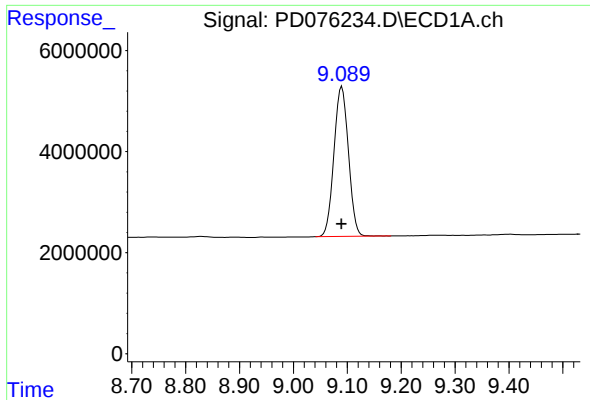
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.001 min
Response: 94374008
Conc: 44.05 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 47977459
Conc: 45.77 ng/ml



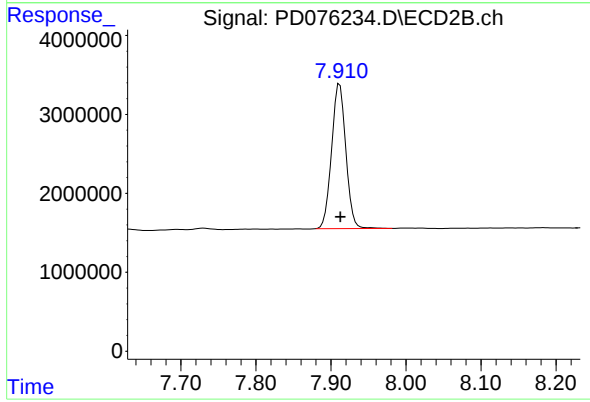
#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 55417681
Conc: 21.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153914BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/05/2023



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: -0.001 min
Response: 24222562
Conc: 24.77 ng/ml