

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092822\
 Data File : PL077952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2022 12:59
 Operator : AR\AJ
 Sample : PB147949BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147949BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 01:41:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.420	2.624	31583117	54660062	19.703	18.412
28)	SA Decachlor...	8.910	7.724	27137594	43734917	20.997	17.423
Target Compounds							
2)	A alpha-BHC	3.885	3.117	115.4E6	198.1E6	48.615	43.679
3)	MA gamma-BHC...	4.220	3.441	107.9E6	177.1E6	48.761	43.863
4)	MA Heptachlor	4.796	3.773	108.5E6	173.7E6	49.008	43.867
5)	MB Aldrin	5.136	4.047	101.1E6	173.8E6	50.881	45.792
6)	B beta-BHC	4.433	3.741	45432676	69201858	46.747	41.567
7)	B delta-BHC	4.677	3.964	92064715	178.6E6	44.839	44.018
8)	B Heptachlo...	5.570	4.546	102.9E6	152.6E6	59.049	45.139
9)	A Endosulfan I	5.956	4.912	81176840	135.1E6	50.367	42.824
10)	B gamma-Chl...	5.825	4.795	92538930	153.4E6	52.852	45.008
11)	B alpha-Chl...	5.903	4.858	89269298	149.9E6	51.681	45.271
12)	B 4,4'-DDE	6.081	5.052	80763664	146.1E6	50.736	44.899
13)	MA Dieldrin	6.233	5.175	83519358	159.5E6	51.746	48.092
14)	MA Endrin	6.465	5.448	74705333	141.2E6	54.017	49.517
15)	B Endosulfa...	6.693	5.744	72169702	123.7E6	52.245	46.954
16)	A 4,4'-DDD	6.606	5.605	62148376	116.1E6	53.079	44.824
17)	MA 4,4'-DDT	6.916	5.853	65821706	121.7E6	51.945	46.189
18)	B Endrin al...	6.825	5.923	56601028	96934560	53.524	46.975
19)	B Endosulfa...	7.057	6.146	65994429	121.3E6	51.534	45.106
20)	A Methoxychlor	7.398	6.431	31883229	63212506	48.275	46.160
21)	B Endrin ke...	7.546	6.644	69974532	148.3E6	50.640	48.970m
22)	Mirex	8.005	6.821	54168518	96382804	51.590	44.832

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092822\
 Data File : PL077952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2022 12:59
 Operator : AR\AJ
 Sample : PB147949BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

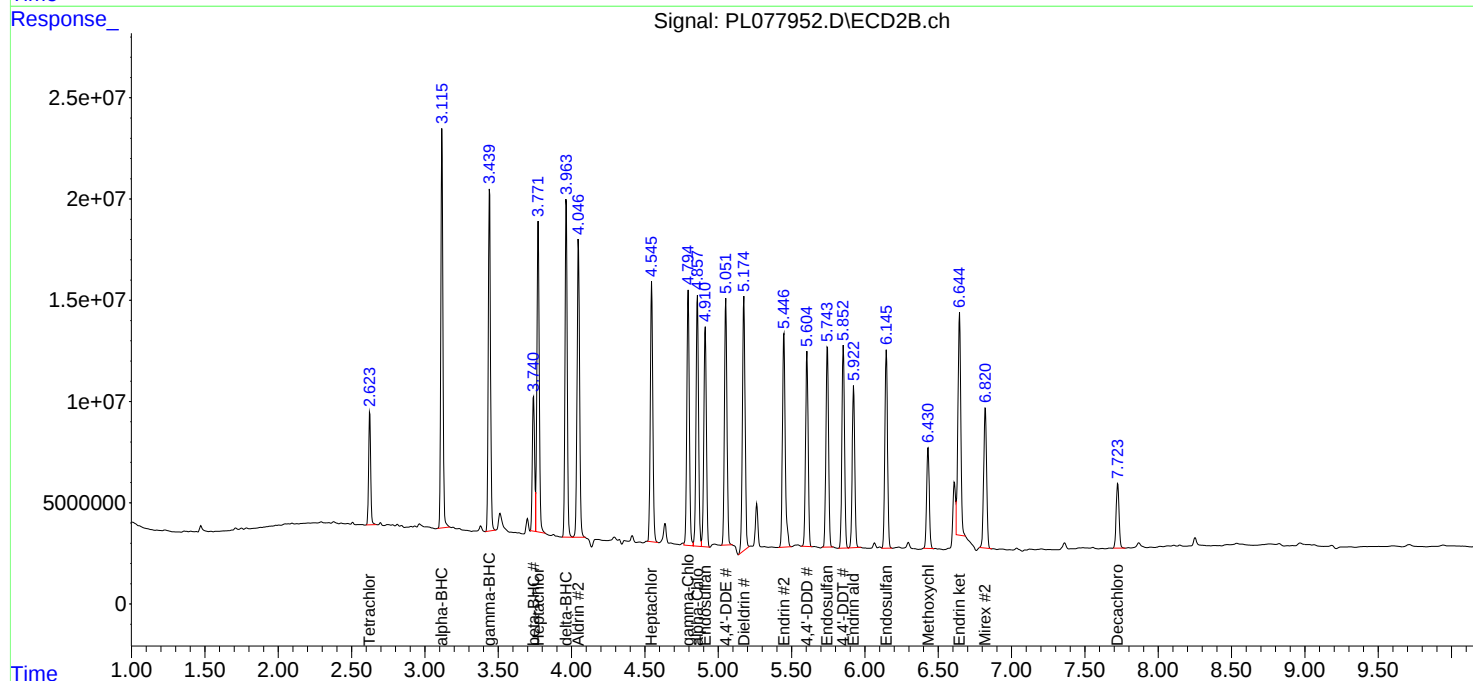
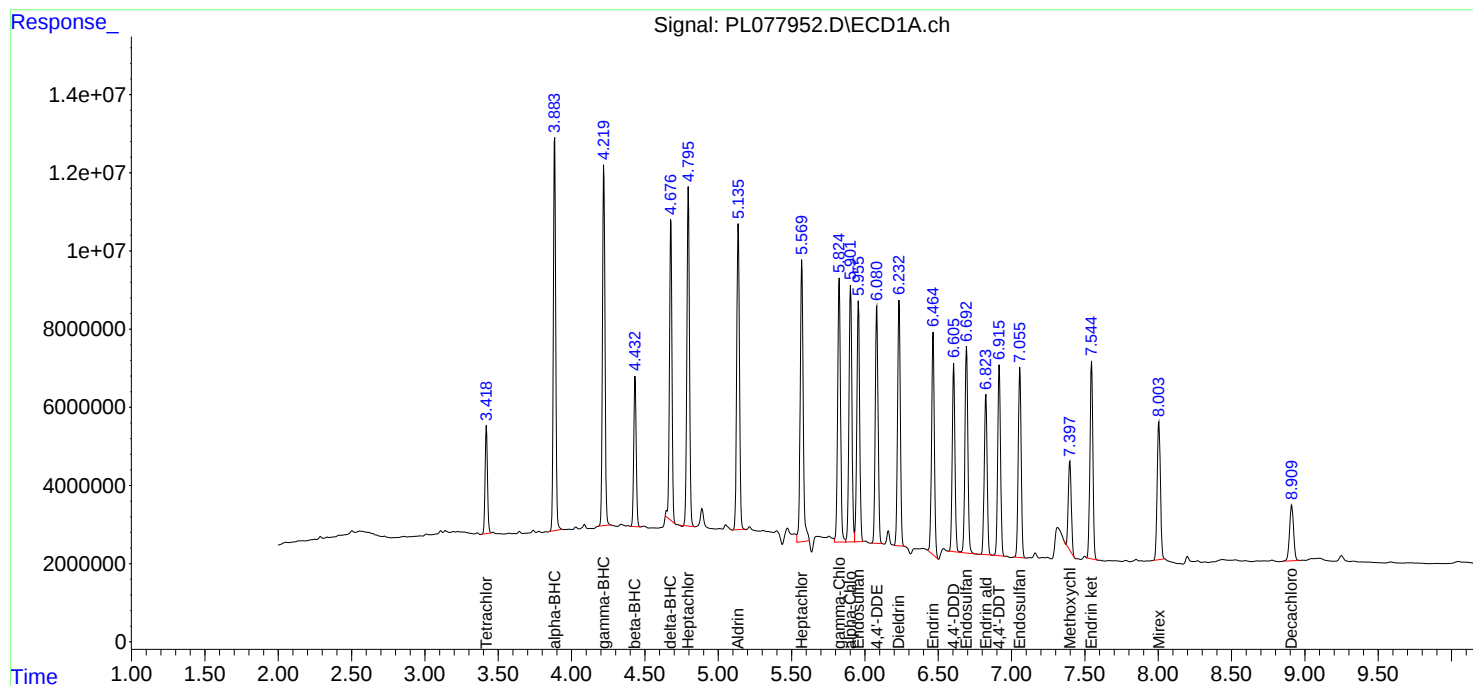
Instrument :
 ECD_L
 ClientSampleId :
 PB147949BS

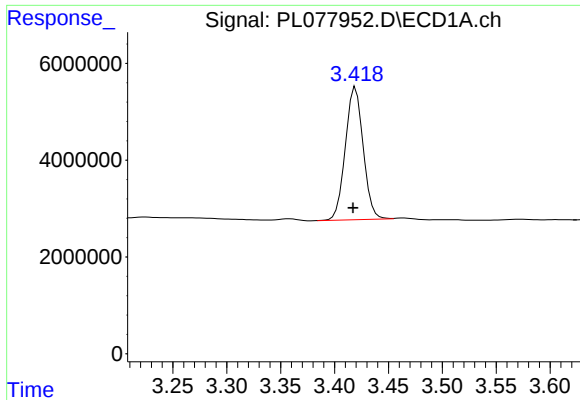
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 09/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 01:41:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





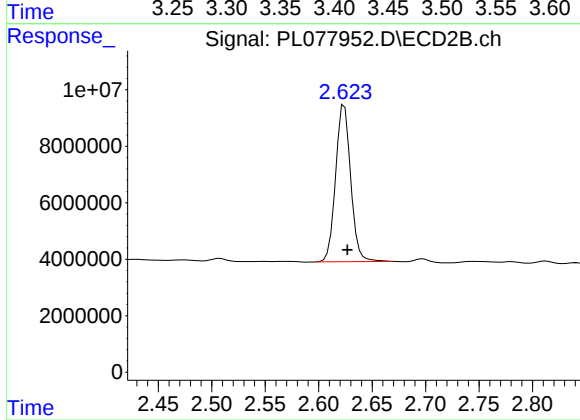
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.003 min
Response: 31583117
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

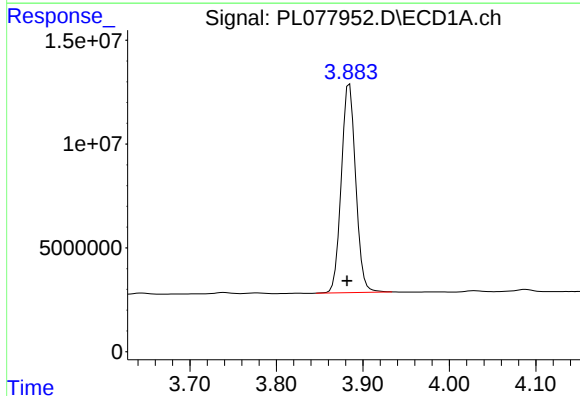
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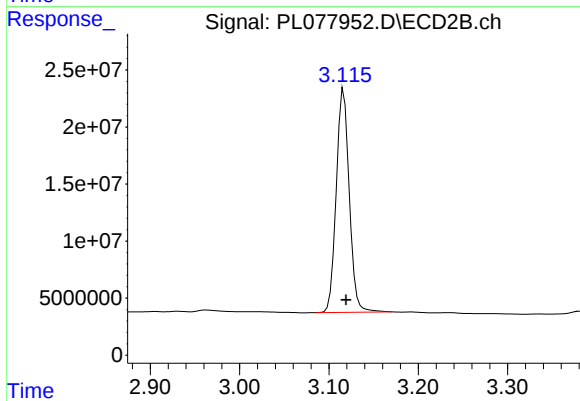
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: -0.003 min
Response: 54660062
Conc: 18.41 ng/ml



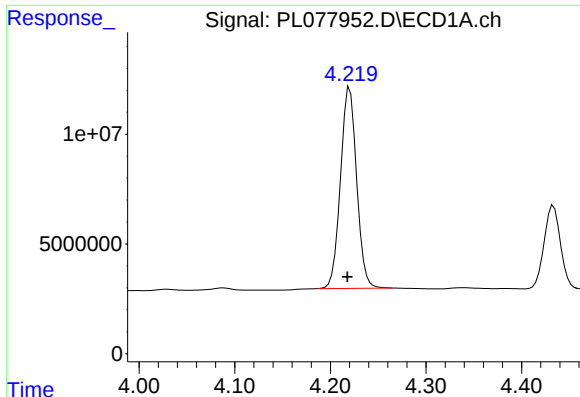
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.003 min
Response: 115367803
Conc: 48.61 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: -0.003 min
Response: 198087847
Conc: 43.68 ng/ml



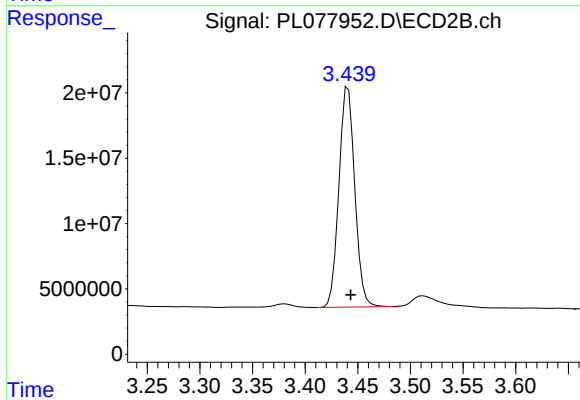
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 107879256
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

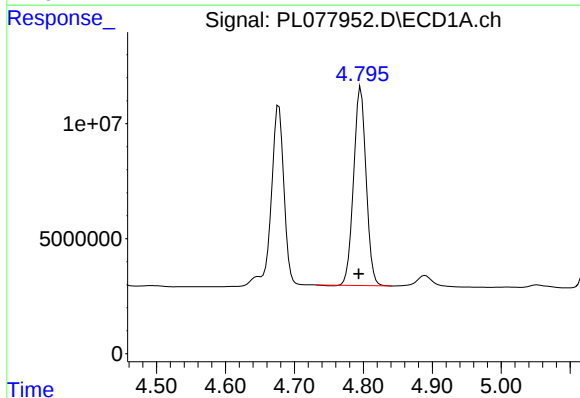
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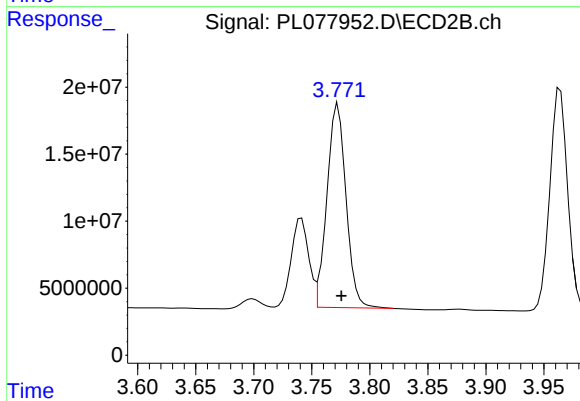
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.003 min
Response: 177125644
Conc: 43.86 ng/ml



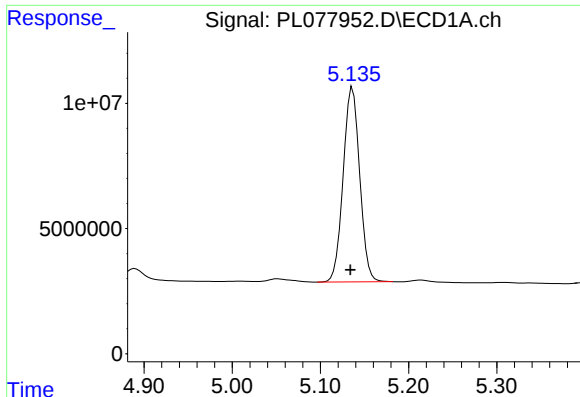
#4 Heptachlor

R.T.: 4.796 min
Delta R.T.: 0.003 min
Response: 108506616
Conc: 49.01 ng/ml



#4 Heptachlor

R.T.: 3.773 min
Delta R.T.: -0.003 min
Response: 173740773
Conc: 43.87 ng/ml



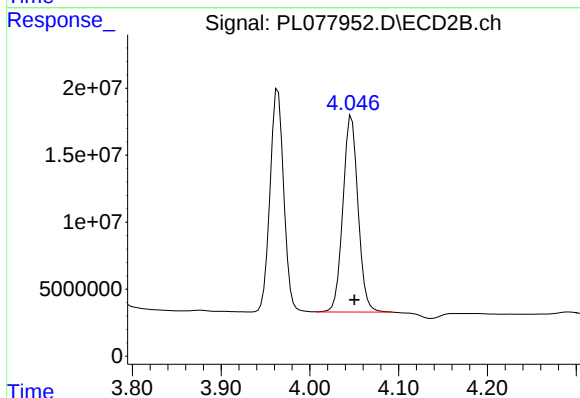
#5 Aldrin

R.T.: 5.136 min
Delta R.T.: 0.002 min
Response: 101122218
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

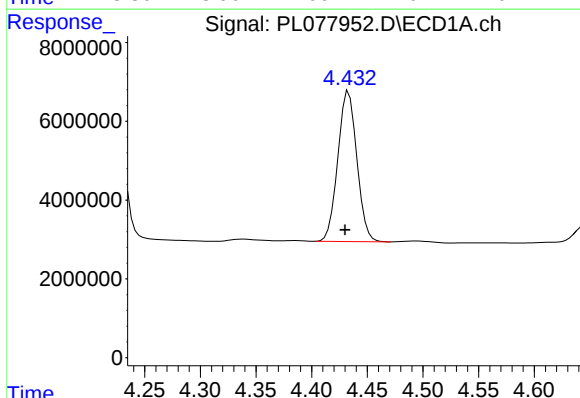
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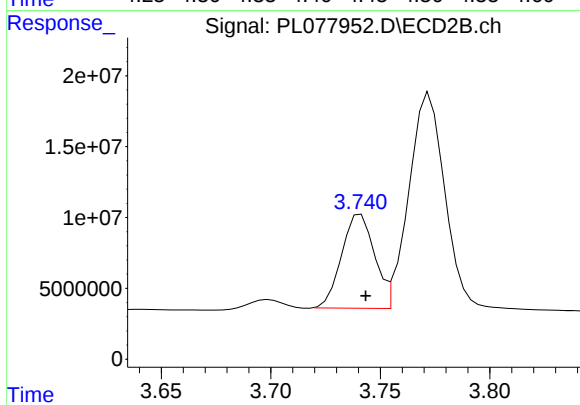
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 173775651
Conc: 45.79 ng/ml



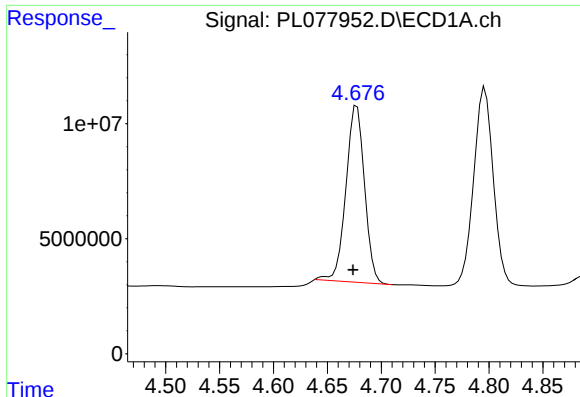
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.003 min
Response: 45432676
Conc: 46.75 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 69201858
Conc: 41.57 ng/ml



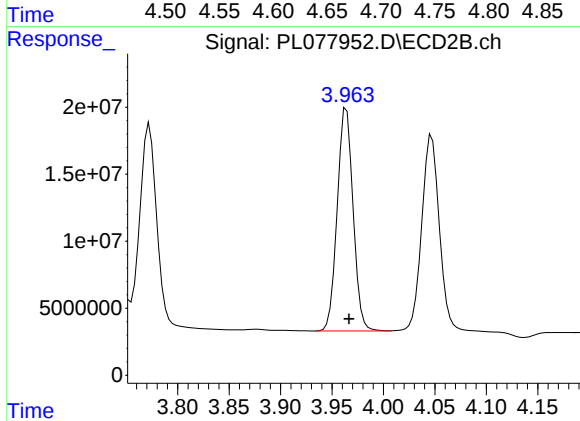
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.004 min
Response: 92064715
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

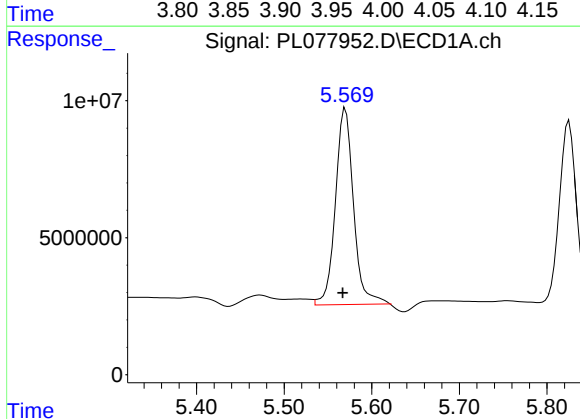
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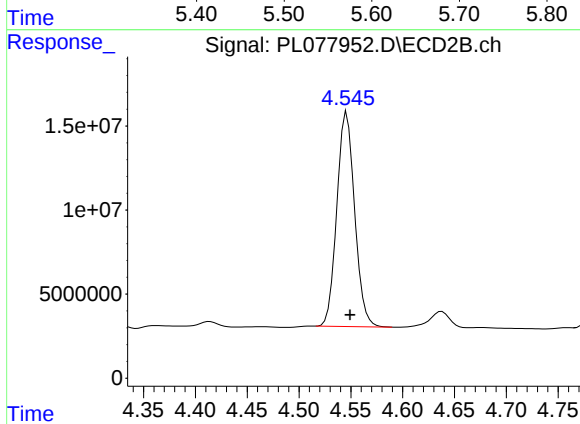
#7 delta-BHC

R.T.: 3.964 min
Delta R.T.: -0.003 min
Response: 178617016
Conc: 44.02 ng/ml



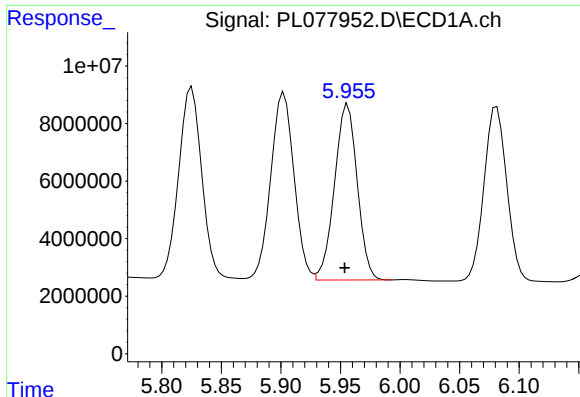
#8 Heptachlor epoxide

R.T.: 5.570 min
Delta R.T.: 0.003 min
Response: 102939776
Conc: 59.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 152634518
Conc: 45.14 ng/ml



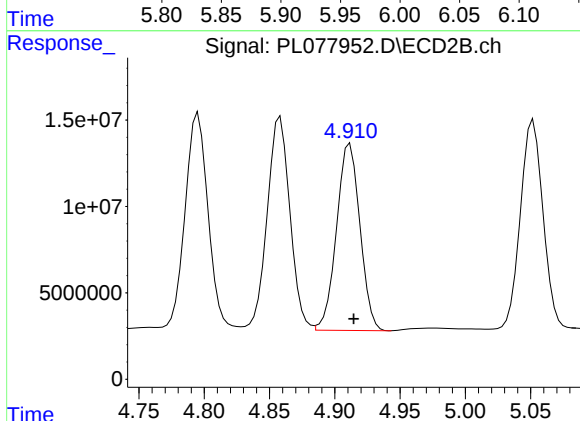
#9 Endosulfan I

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 81176840
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

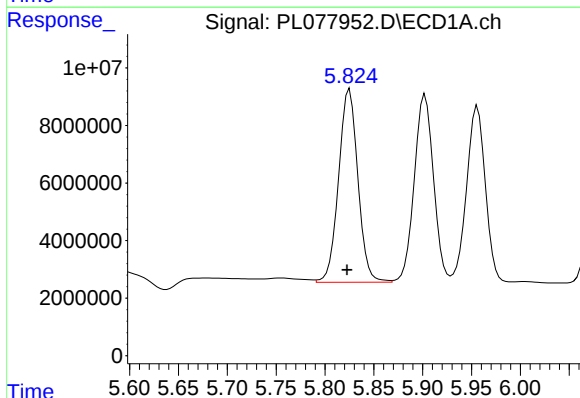
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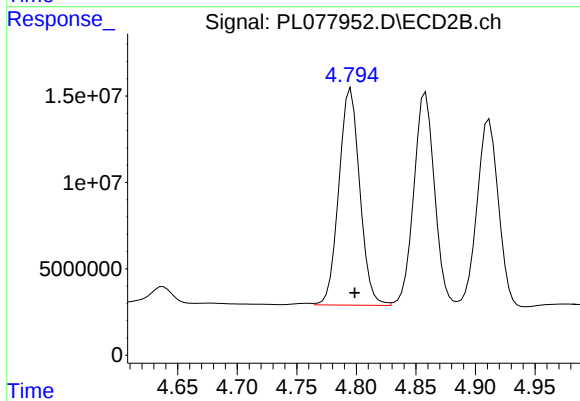
#9 Endosulfan I

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 135118710
Conc: 42.82 ng/ml



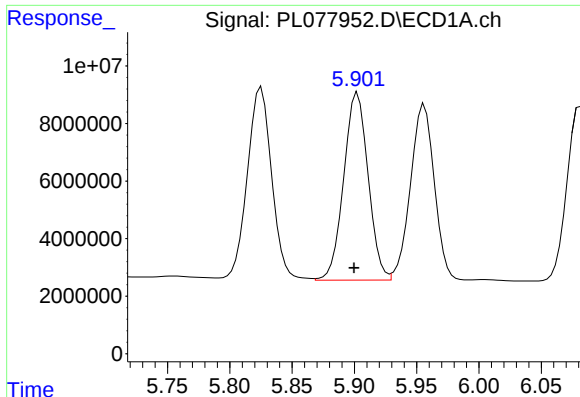
#10 gamma-Chlordane

R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 92538930
Conc: 52.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 153401322
Conc: 45.01 ng/ml



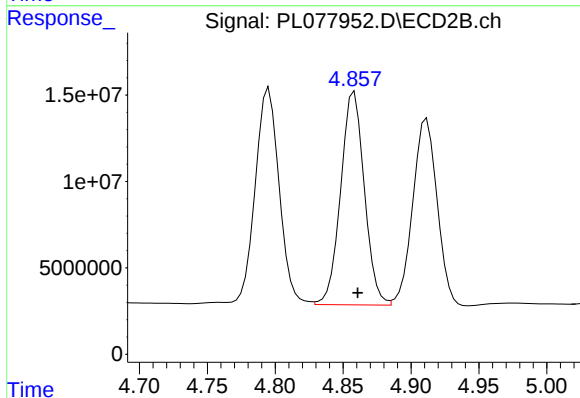
#11 alpha-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 89269298
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

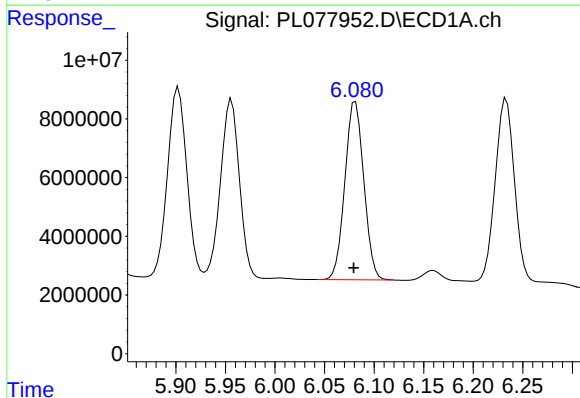
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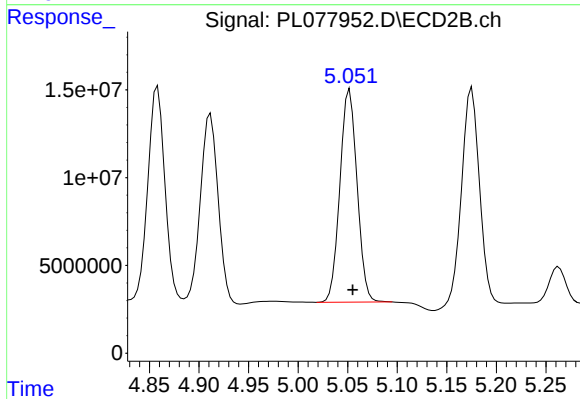
#11 alpha-Chlordane

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 149921139
Conc: 45.27 ng/ml



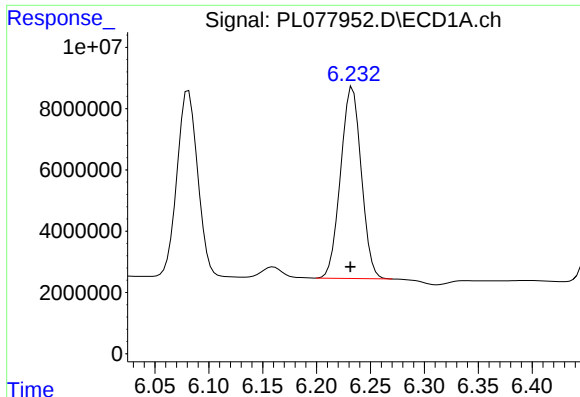
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 80763664
Conc: 50.74 ng/ml



#12 4,4'-DDE

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 146092585
Conc: 44.90 ng/ml



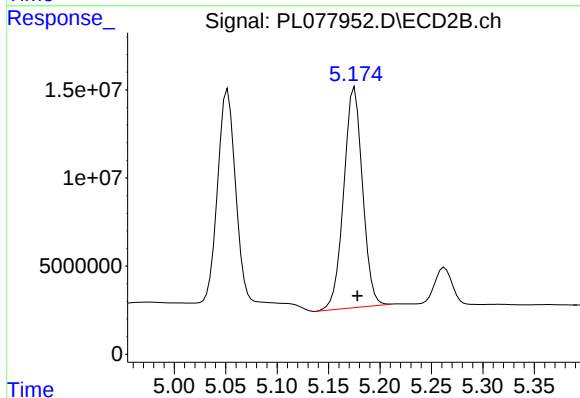
#13 Dieldrin

R.T.: 6.233 min
Delta R.T.: 0.002 min
Response: 83519358
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

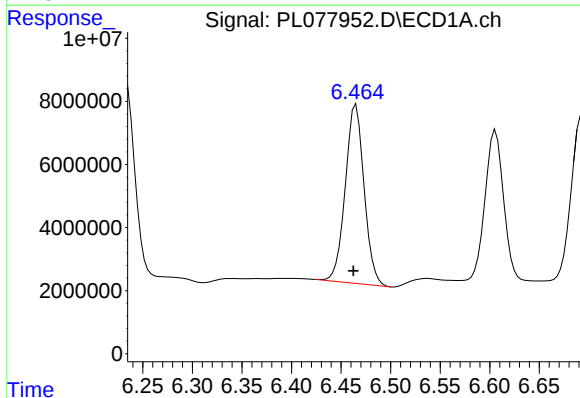
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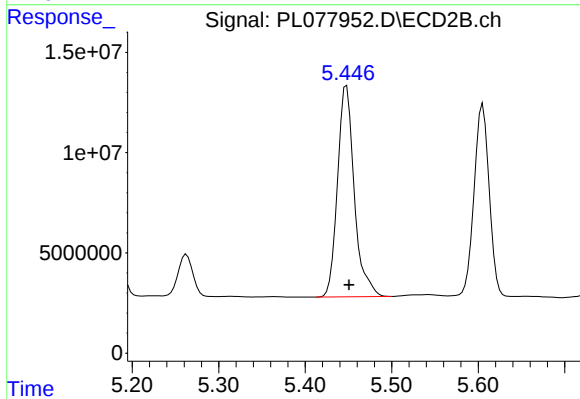
#13 Dieldrin

R.T.: 5.175 min
Delta R.T.: -0.003 min
Response: 159458425
Conc: 48.09 ng/ml



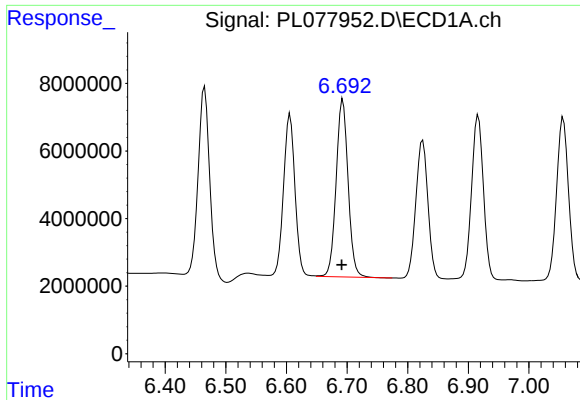
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.002 min
Response: 74705333
Conc: 54.02 ng/ml



#14 Endrin

R.T.: 5.448 min
Delta R.T.: -0.003 min
Response: 141195526
Conc: 49.52 ng/ml



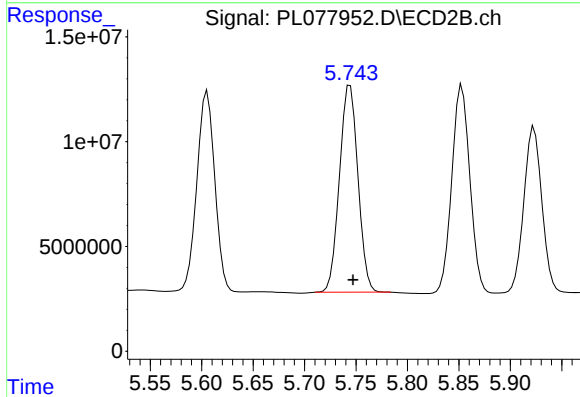
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: 0.002 min
Response: 72169702
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

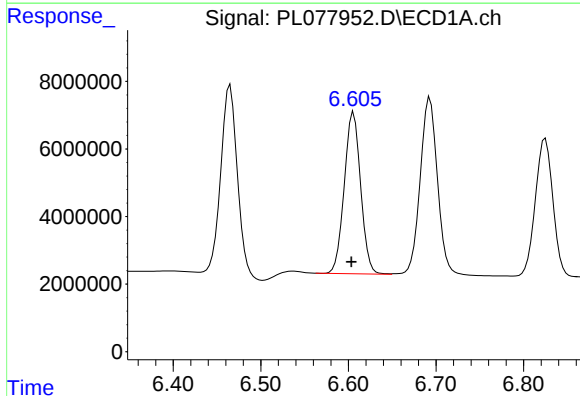
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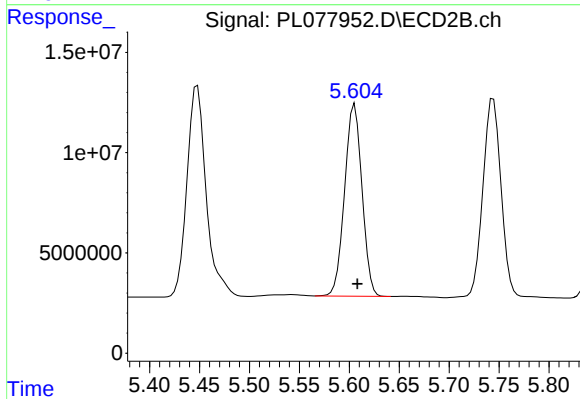
#15 Endosulfan II

R.T.: 5.744 min
Delta R.T.: -0.003 min
Response: 123731755
Conc: 46.95 ng/ml



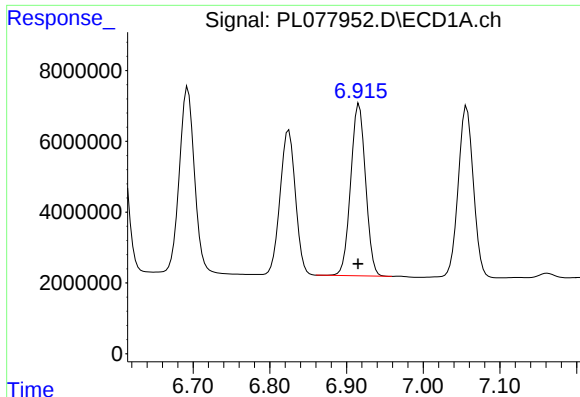
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 62148376
Conc: 53.08 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 116120594
Conc: 44.82 ng/ml



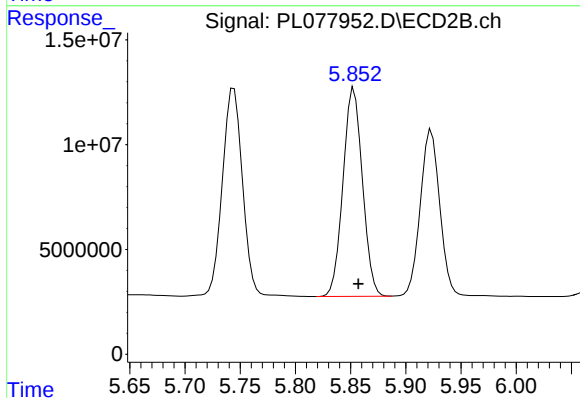
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 65821706
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

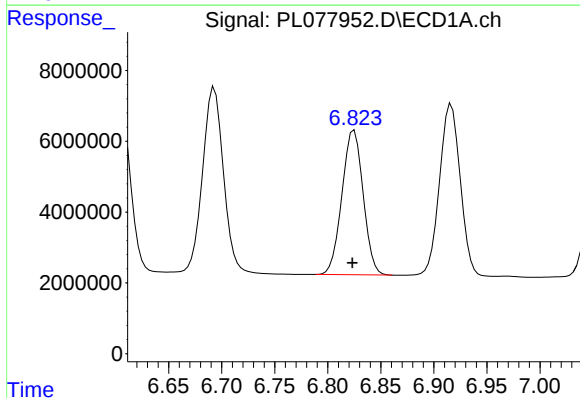
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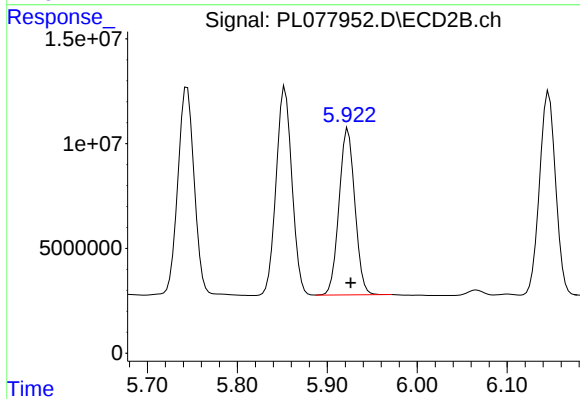
#17 4,4'-DDT

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 121697736
Conc: 46.19 ng/ml



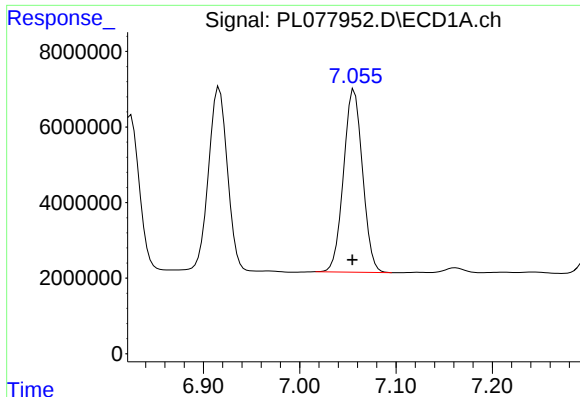
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.002 min
Response: 56601028
Conc: 53.52 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 96934560
Conc: 46.97 ng/ml



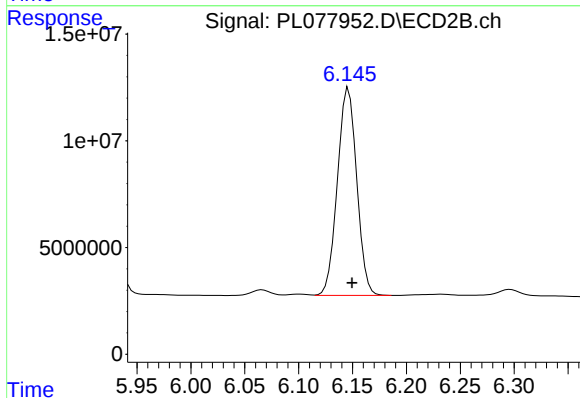
#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 65994429
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

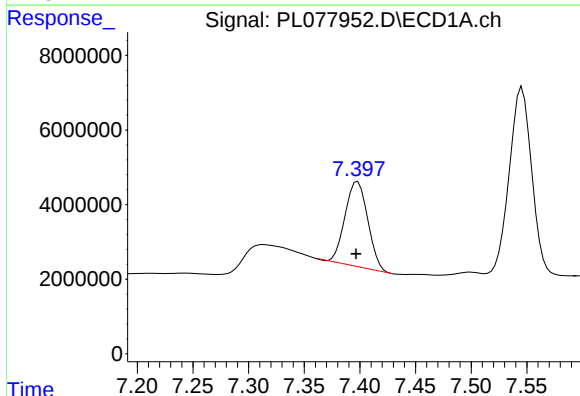
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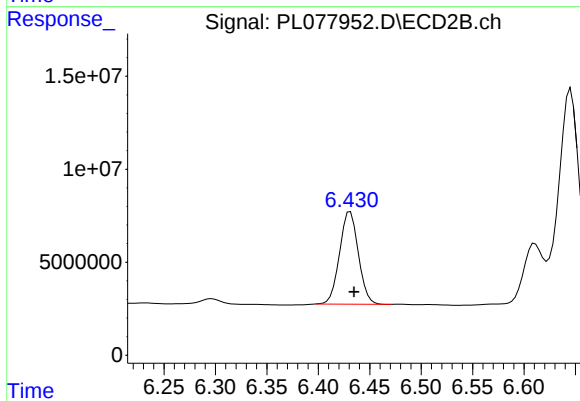
#19 Endosulfan Sulfate

R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 121297201
Conc: 45.11 ng/ml



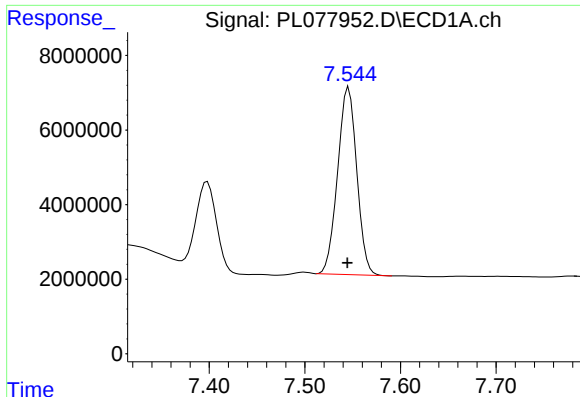
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.001 min
Response: 31883229
Conc: 48.27 ng/ml



#20 Methoxychlor

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 63212506
Conc: 46.16 ng/ml



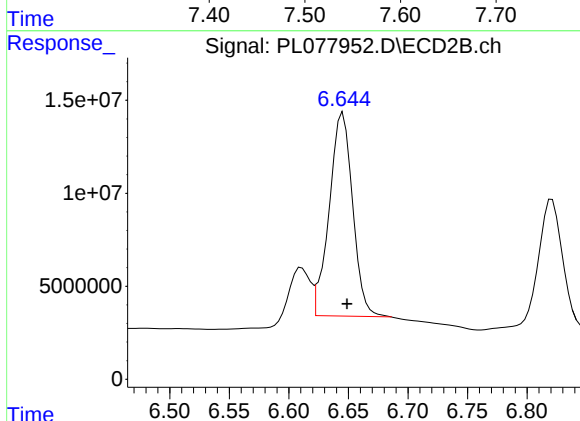
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.001 min
Response: 69974532
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

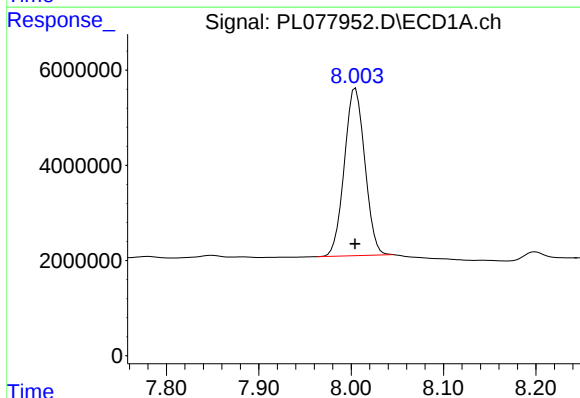
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2022
Supervised By :Ankita Jodhani 09/29/2022



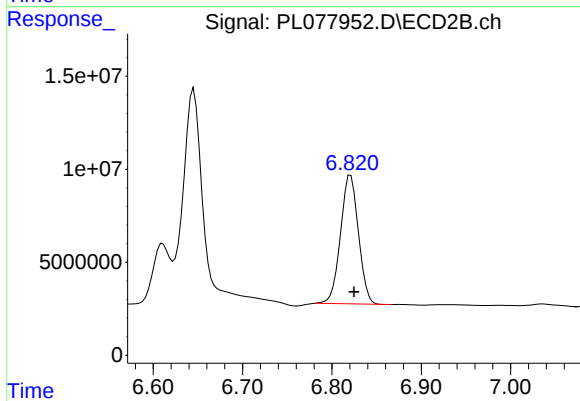
#21 Endrin ketone

R.T.: 6.644 min
Delta R.T.: -0.005 min
Response: 148297482
Conc: 48.97 ng/ml m



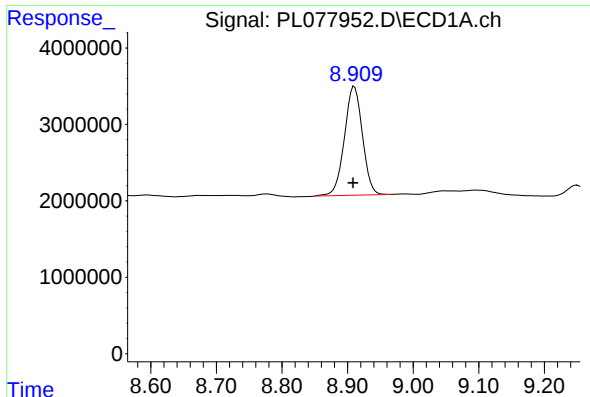
#22 Mirex

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 54168518
Conc: 51.59 ng/ml



#22 Mirex

R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 96382804
Conc: 44.83 ng/ml



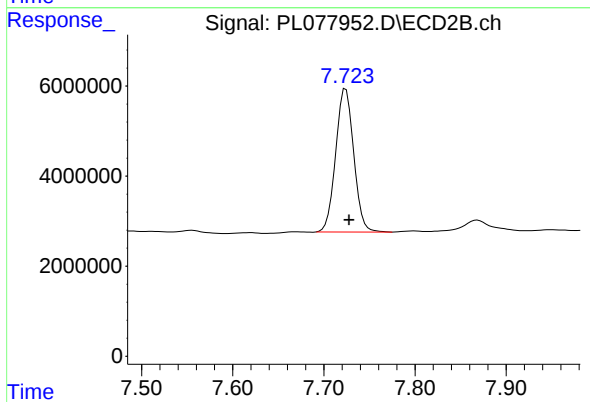
#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.002 min
Response: 27137594
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147949BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 43734917
Conc: 17.42 ng/ml