

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 20:03
 Operator : AR\AJ
 Sample : 02811-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11995MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/18/2023
 Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:37:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.317	2.640	24210723	28176790	9.064m	12.162 #
28)	SA Decachlor...	8.733	7.748	26139547	29007933	13.692	12.709
Target Compounds							
2)	A alpha-BHC	3.768	3.138	99402472	85226333	24.974	25.041
3)	MA gamma-BHC...	4.096	3.465	98688273	98154328	26.395	30.527
4)	MA Heptachlor	4.674	3.796	86707140	89334072	23.730	26.096
5)	MB Aldrin	5.011	4.072	85017907	96852741	25.782	30.748
6)	B beta-BHC	4.301	3.766	35659803	47304318	20.909	34.670 #
7)	B delta-BHC	4.541	3.990	103.3E6	71201305	28.703	23.212
8)	B Heptachlo...	5.437	4.573	76123216	68803427	24.956	23.883
9)	A Endosulfan I	5.818	4.940	72036965	71745937	25.981	26.877
10)	B gamma-Chl...	5.692	4.822	115.9E6	88845237	38.529	30.617
11)	B alpha-Chl...	5.770	4.885	104.6E6	78900121	35.058	27.180
12)	B 4,4'-DDE	5.948	5.075	80862145	64730311	31.810	28.156
13)	MA Dieldrin	6.092	5.204	71553951	84527681	25.934	31.302
14)	MA Endrin	6.319	5.479	80577612	68895488	33.234	28.167
15)	B Endosulfa...	6.541	5.773	77910272	83375331	32.002	36.988m
16)	A 4,4'-DDD	6.463	5.629	67688908	63554860	33.390	33.979
17)	MA 4,4'-DDT	6.775	5.877	82442284	71427204	36.037	33.810
18)	B Endrin al...	6.673	5.953	75671937	63308682	40.162	33.830
19)	B Endosulfa...	6.906	6.175	72061959	80645741	30.386	34.255m
20)	A Methoxychlor	7.254	6.456	25478301	34754553	20.878m	28.679m#
21)	B Endrin ke...	7.384	6.680	90881215	75306924	37.956	29.670m
22)	Mirex	7.848	6.852	88303420	61173563	45.137	26.548m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
Data File : PL082777.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 20:03
Operator : AR\AJ
Sample : 02811-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

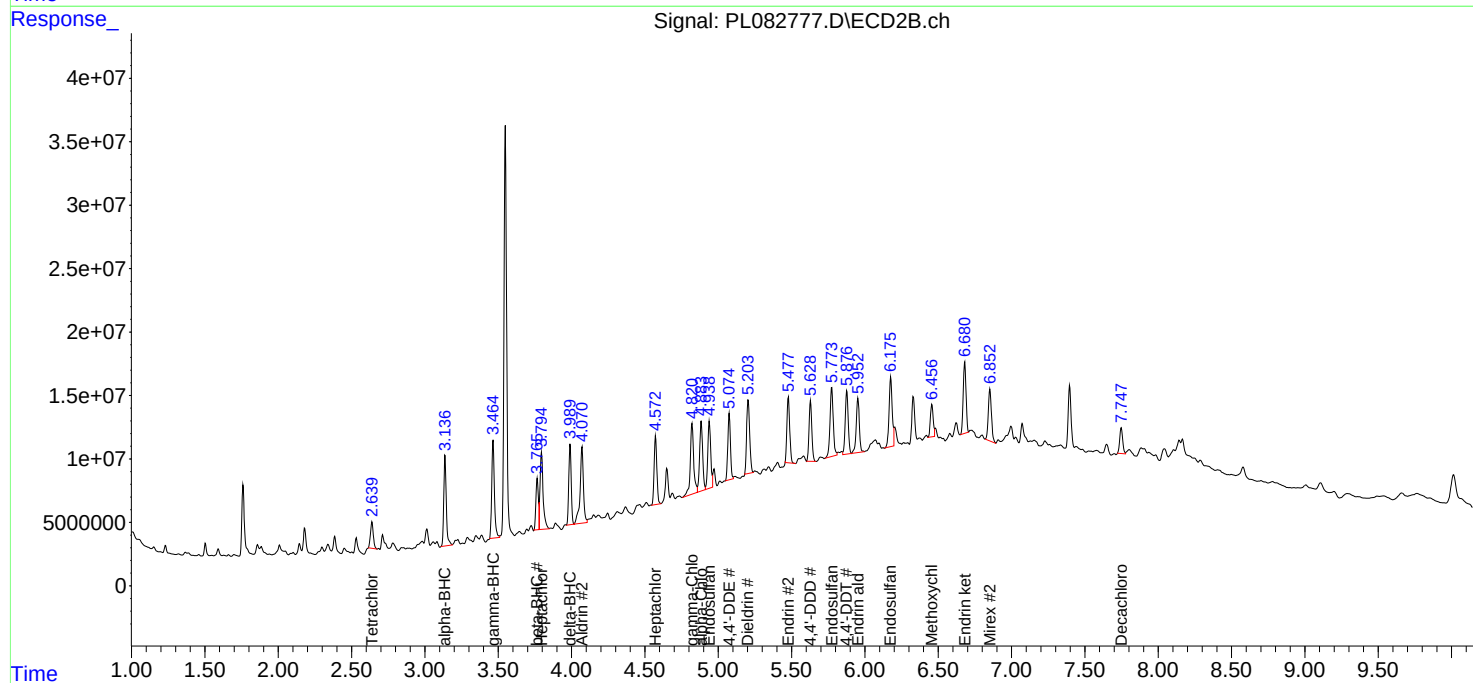
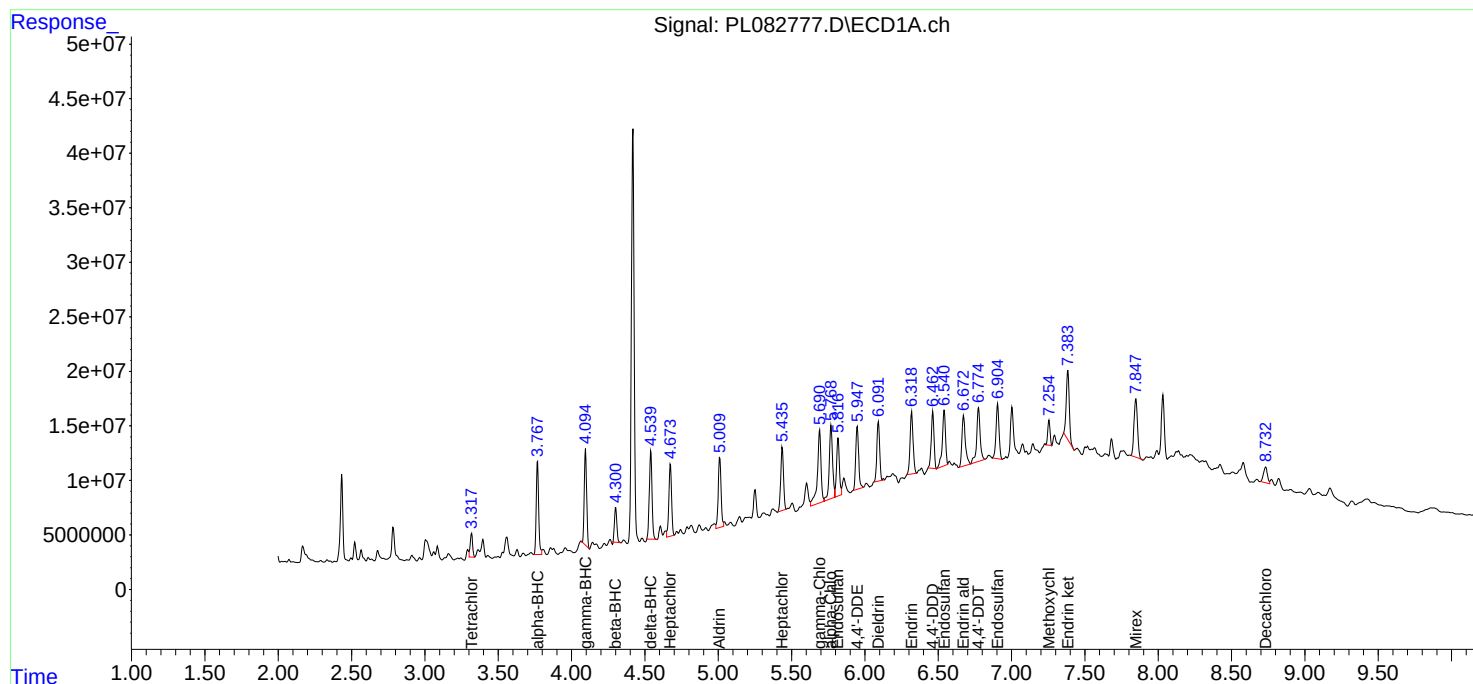
Instrument :
ECD_L
ClientSampleId :
72-11995MSD

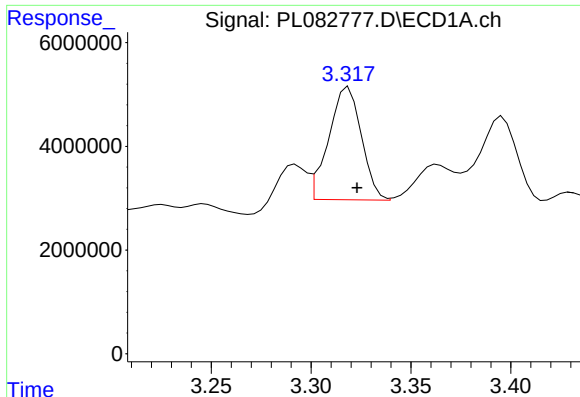
Manual Integrations
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Reviewed By : Abdul Mirza 05/18/2023
Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 21:37:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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





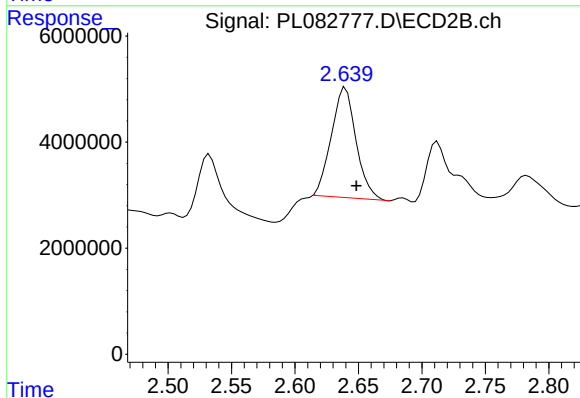
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 24210723
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

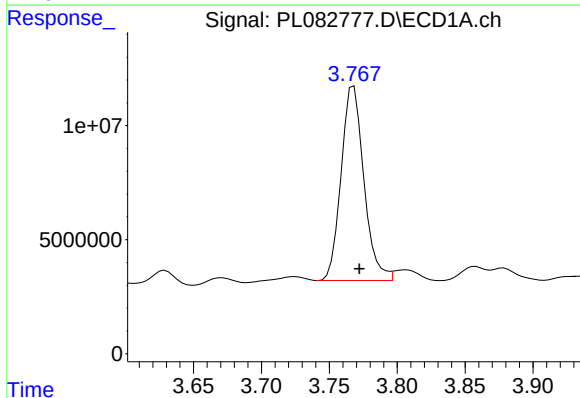
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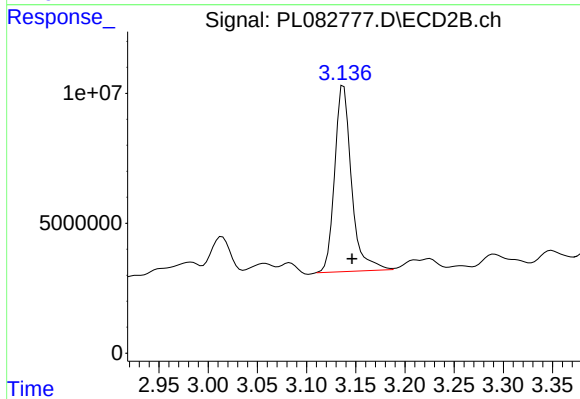
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 28176790
Conc: 12.16 ng/ml



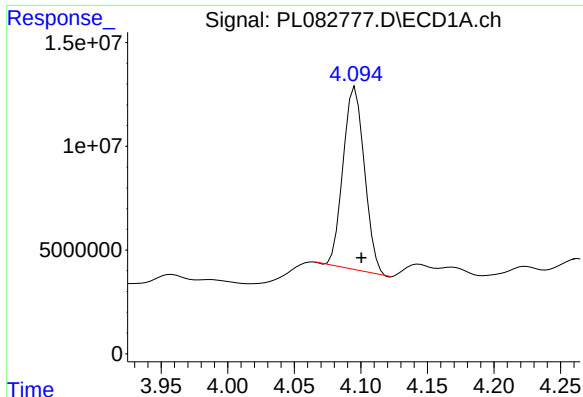
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 99402472
Conc: 24.97 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.009 min
Response: 85226333
Conc: 25.04 ng/ml



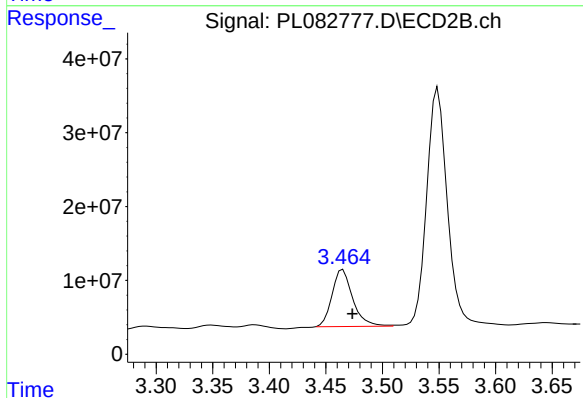
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 98688273
Conc: 26.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

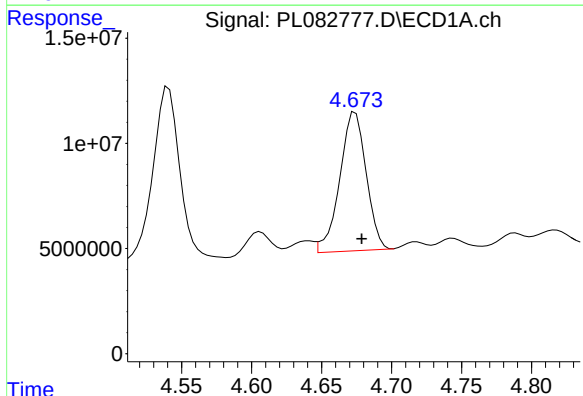
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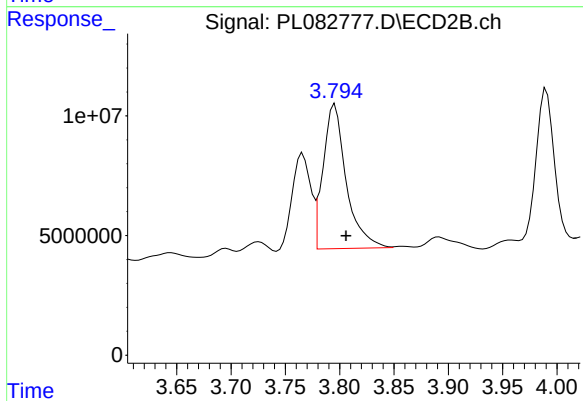
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 98154328
Conc: 30.53 ng/ml



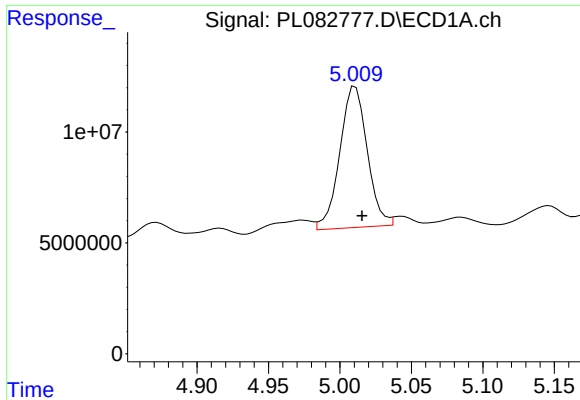
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 86707140
Conc: 23.73 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 89334072
Conc: 26.10 ng/ml



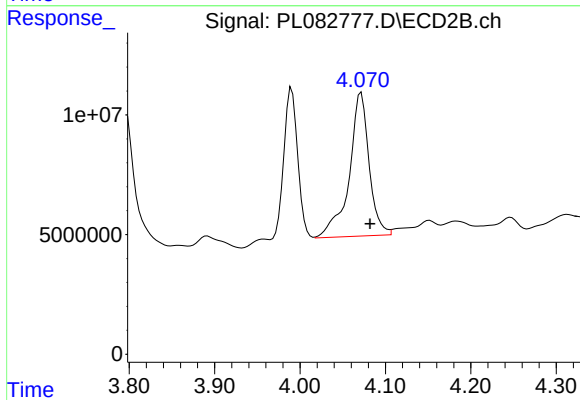
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 85017907
Conc: 25.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

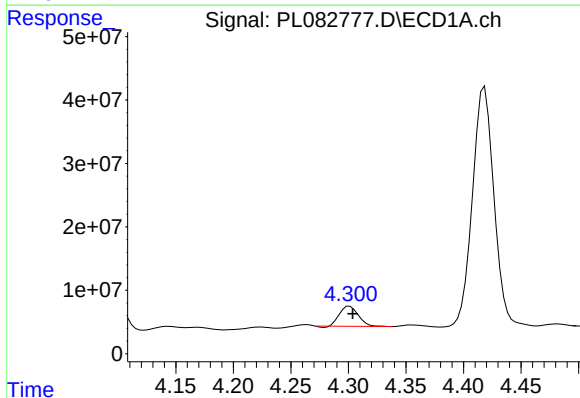
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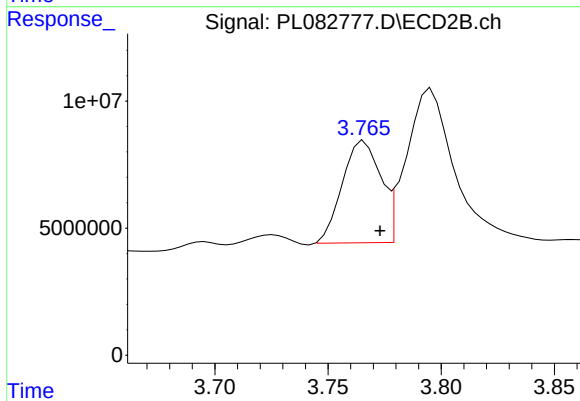
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.011 min
Response: 96852741
Conc: 30.75 ng/ml



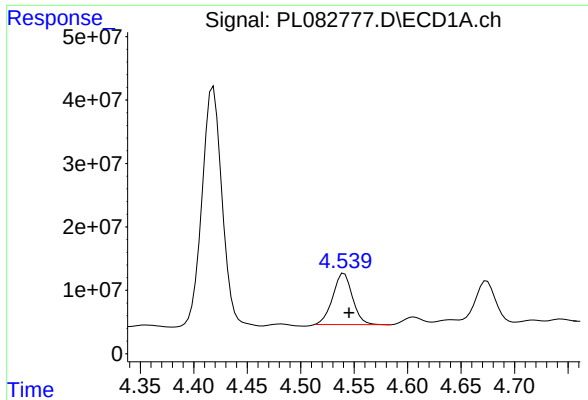
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 35659803
Conc: 20.91 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 47304318
Conc: 34.67 ng/ml



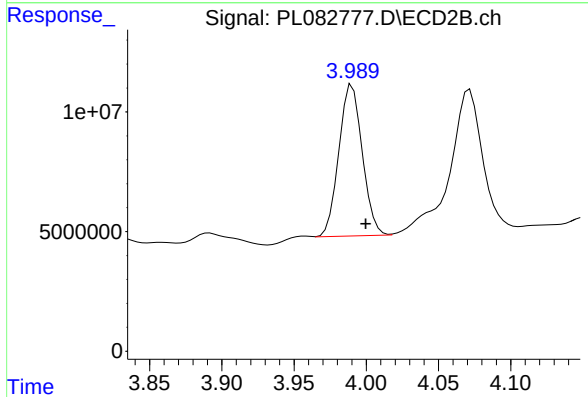
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 103265478
Conc: 28.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

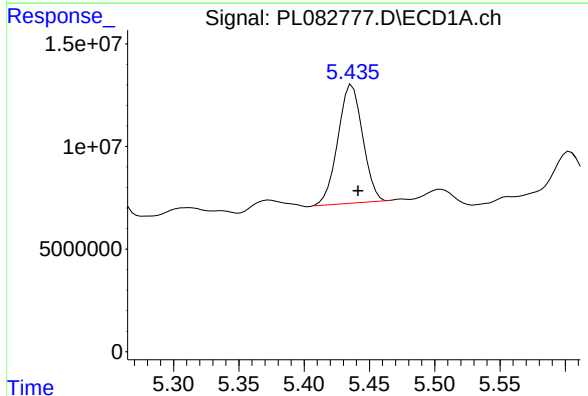
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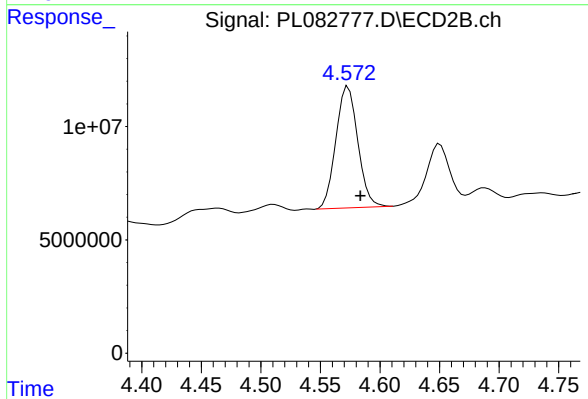
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 71201305
Conc: 23.21 ng/ml



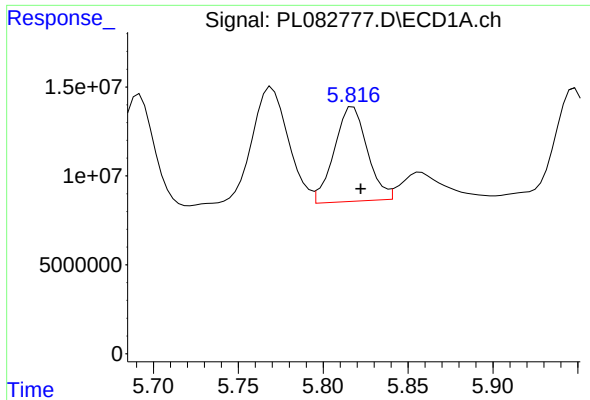
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 76123216
Conc: 24.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 68803427
Conc: 23.88 ng/ml



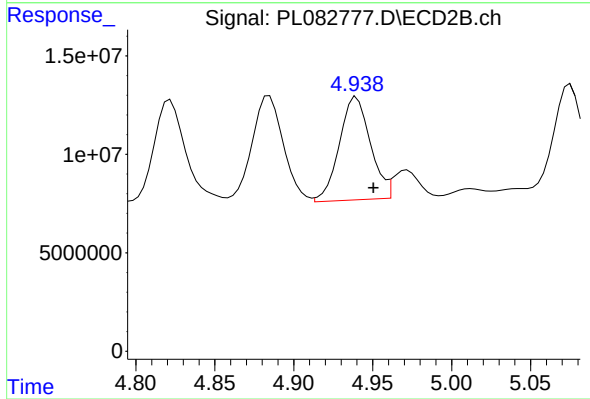
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 72036965
Conc: 25.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

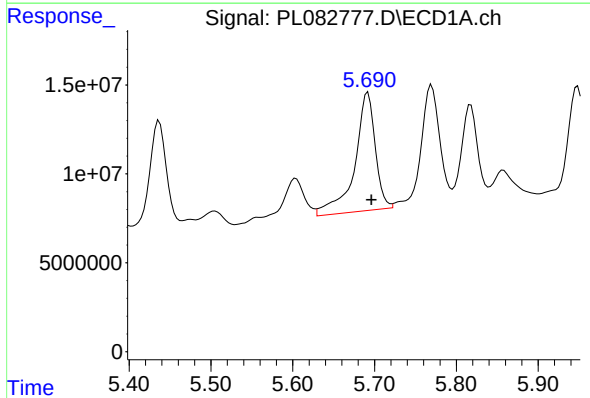
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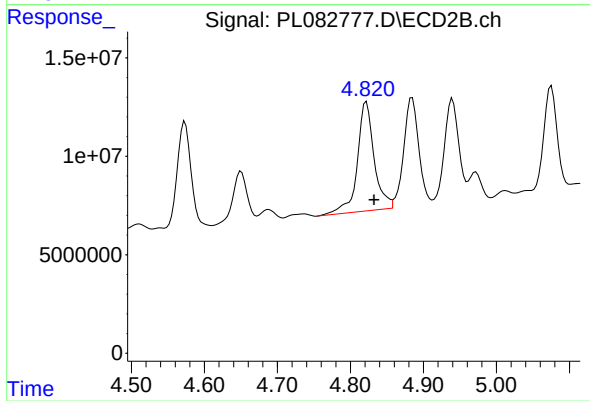
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.011 min
Response: 71745937
Conc: 26.88 ng/ml



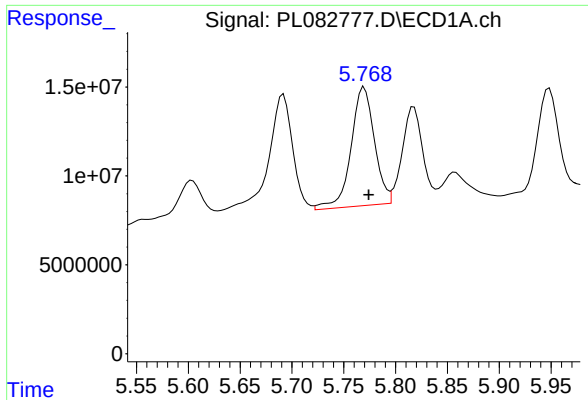
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 115852204
Conc: 38.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.011 min
Response: 88845237
Conc: 30.62 ng/ml



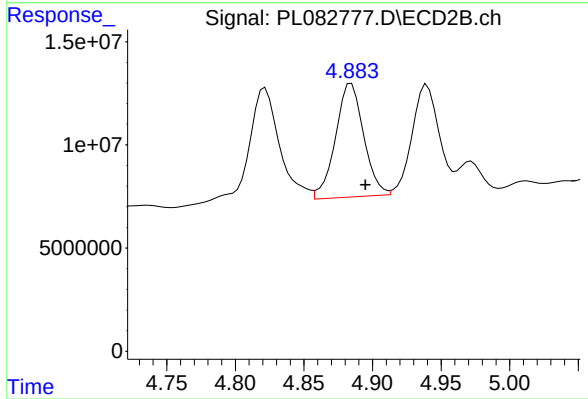
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 104634504
Conc: 35.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

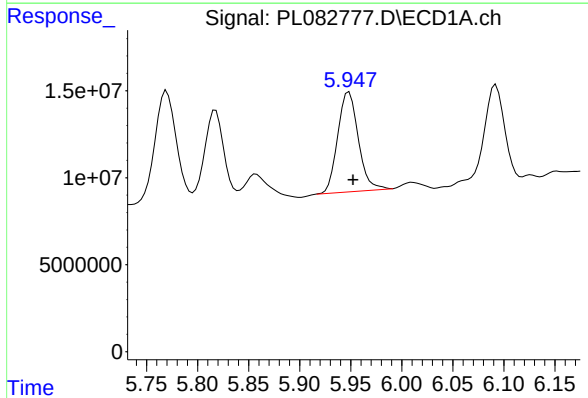
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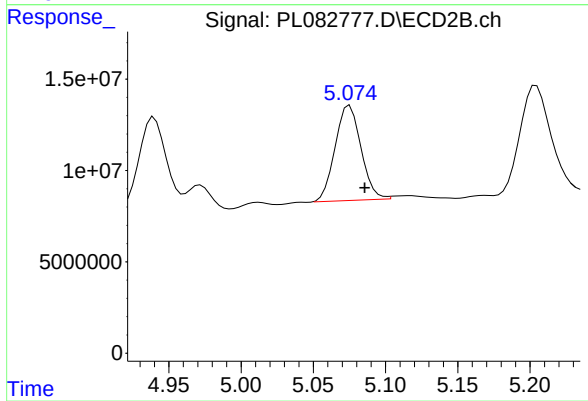
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 78900121
Conc: 27.18 ng/ml



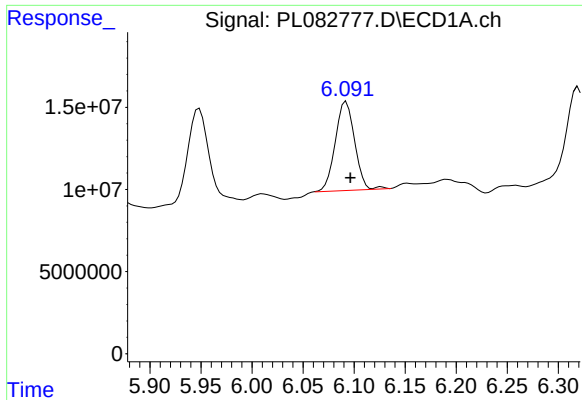
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 80862145
Conc: 31.81 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.010 min
Response: 64730311
Conc: 28.16 ng/ml



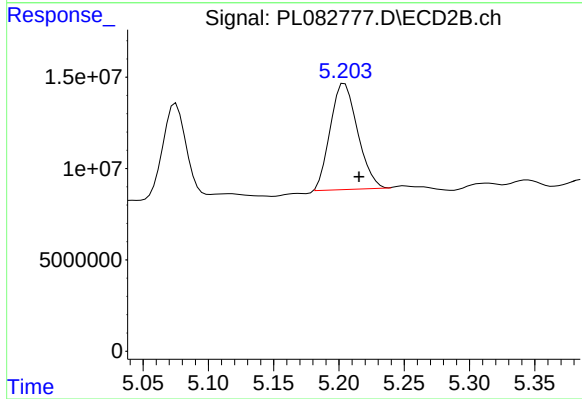
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 71553951
Conc: 25.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

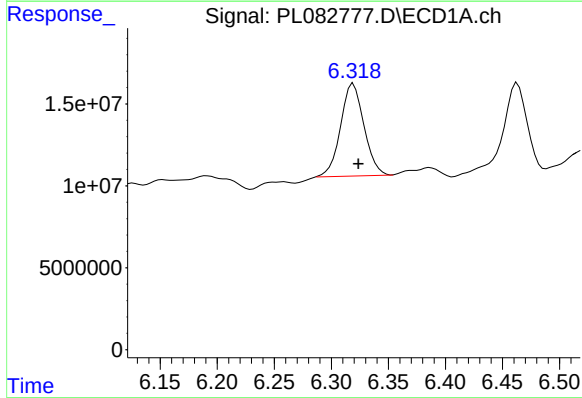
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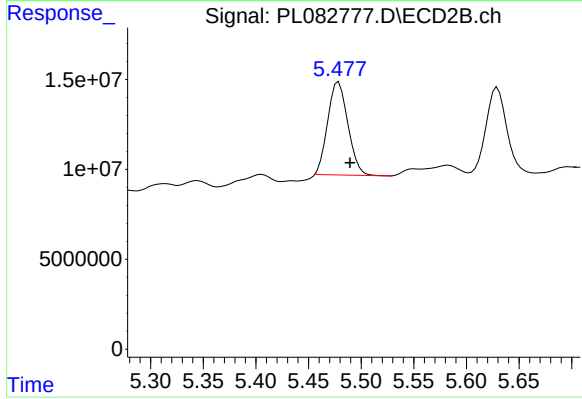
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 84527681
Conc: 31.30 ng/ml



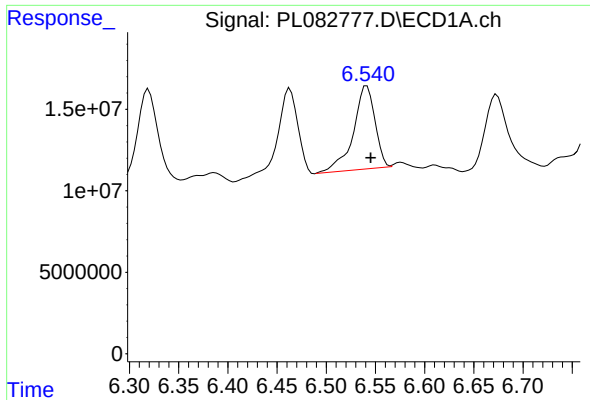
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 80577612
Conc: 33.23 ng/ml



#14 Endrin

R.T.: 5.479 min
Delta R.T.: -0.011 min
Response: 68895488
Conc: 28.17 ng/ml



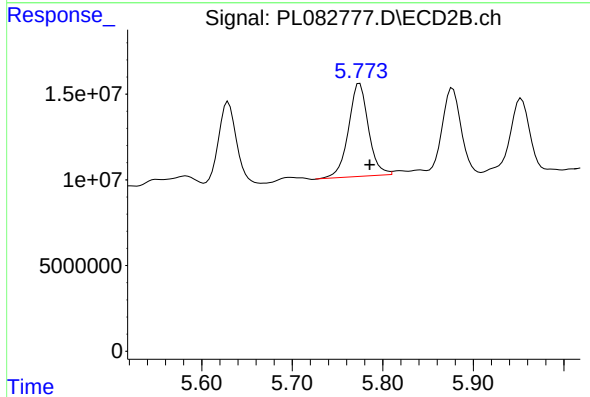
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 77910272
Conc: 32.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

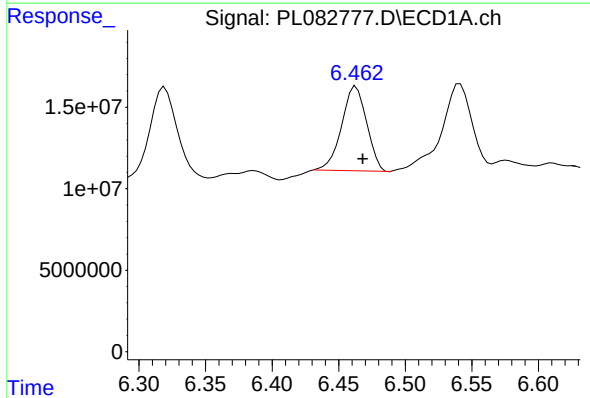
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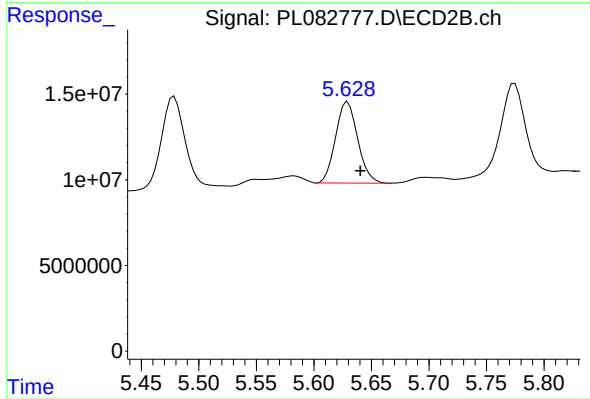
#15 Endosulfan II

R.T.: 5.773 min
Delta R.T.: -0.012 min
Response: 83375331
Conc: 36.99 ng/ml m



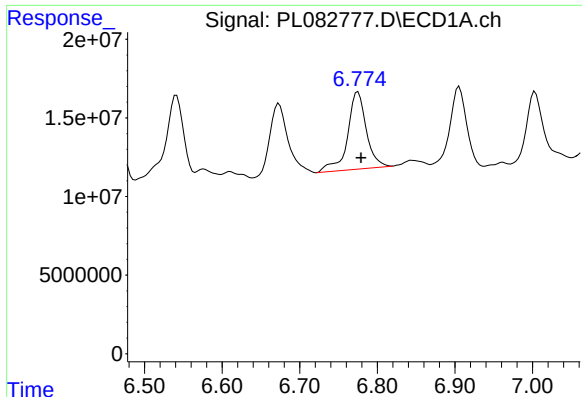
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 67688908
Conc: 33.39 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.011 min
Response: 63554860
Conc: 33.98 ng/ml



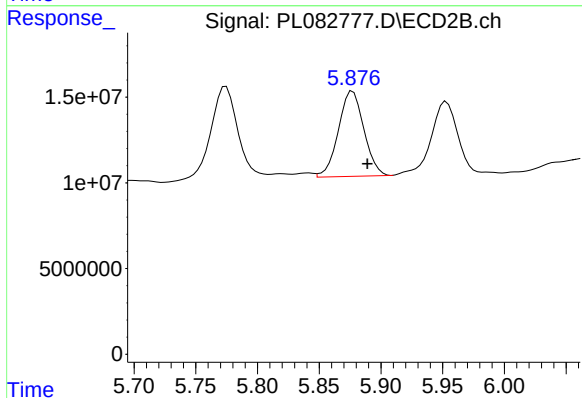
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 82442284
Conc: 36.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

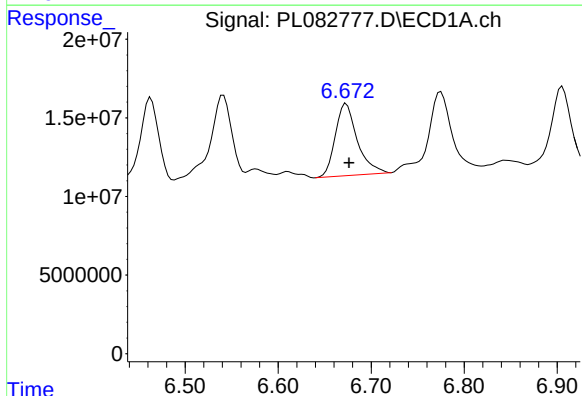
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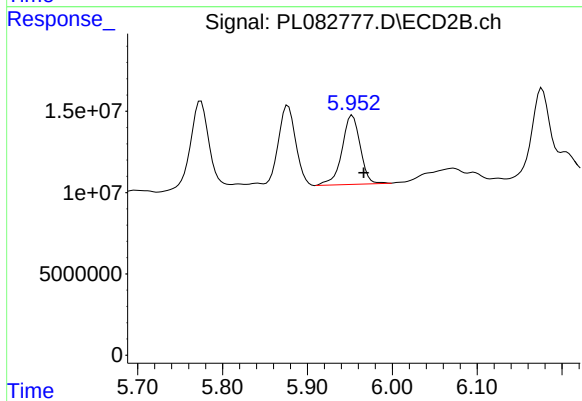
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 71427204
Conc: 33.81 ng/ml



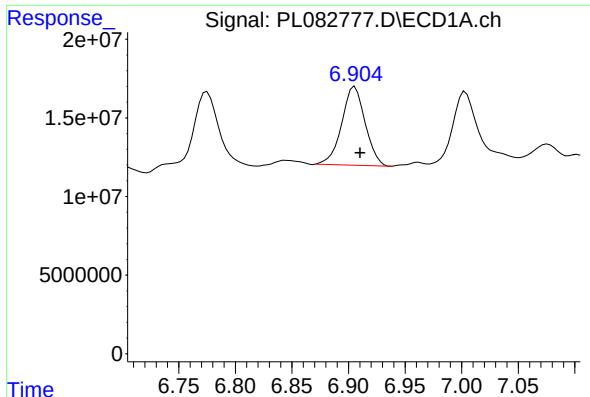
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 75671937
Conc: 40.16 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: -0.013 min
Response: 63308682
Conc: 33.83 ng/ml



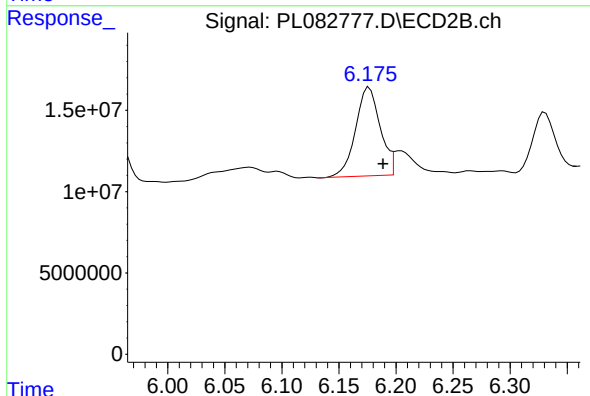
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.005 min
Response: 72061959
Conc: 30.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

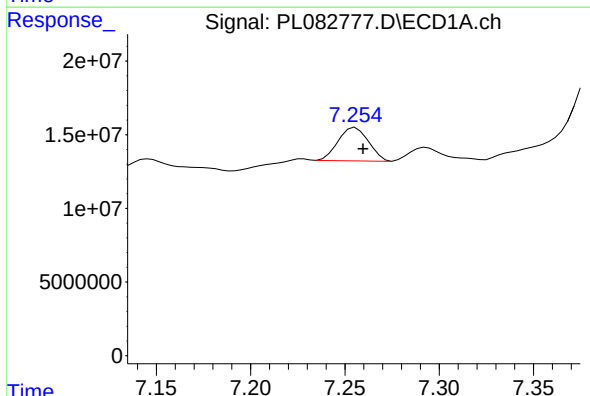
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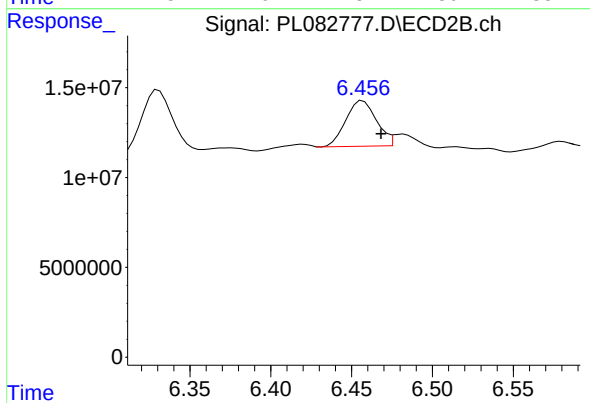
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.013 min
Response: 80645741
Conc: 34.25 ng/ml m



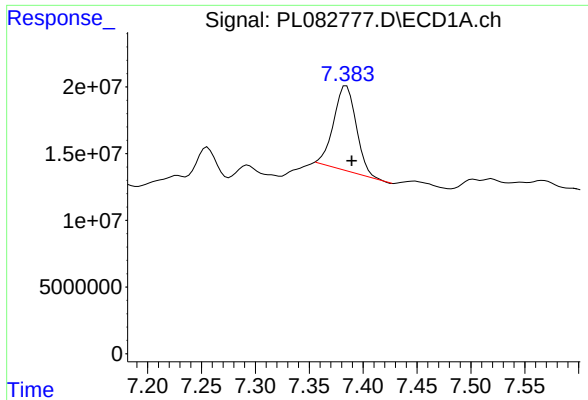
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.005 min
Response: 25478301
Conc: 20.88 ng/ml m



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.013 min
Response: 34754553
Conc: 28.68 ng/ml m



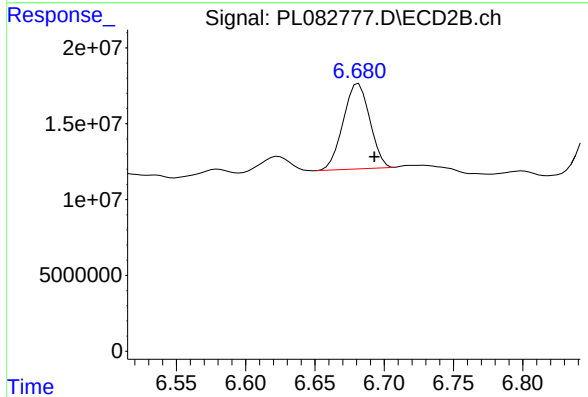
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 90881215
Conc: 37.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

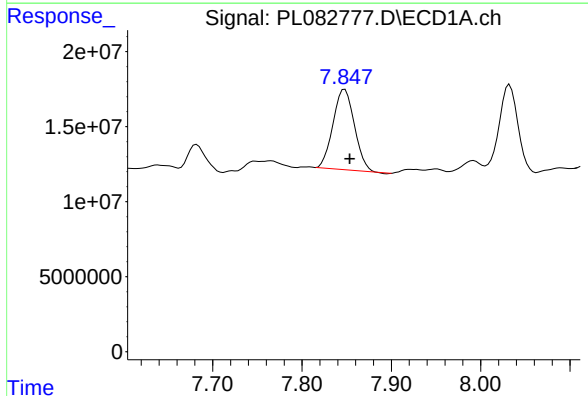
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Supervised By :Ankita Jodhani 05/18/2023



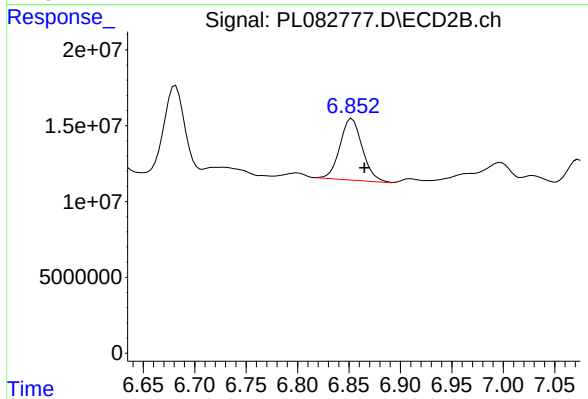
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: -0.013 min
Response: 75306924
Conc: 29.67 ng/ml m



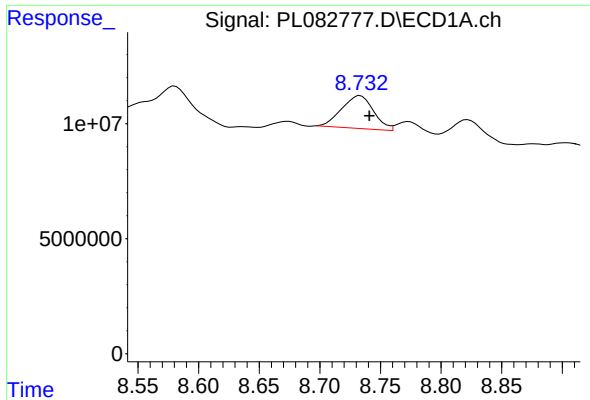
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.006 min
Response: 88303420
Conc: 45.14 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 61173563
Conc: 26.55 ng/ml m



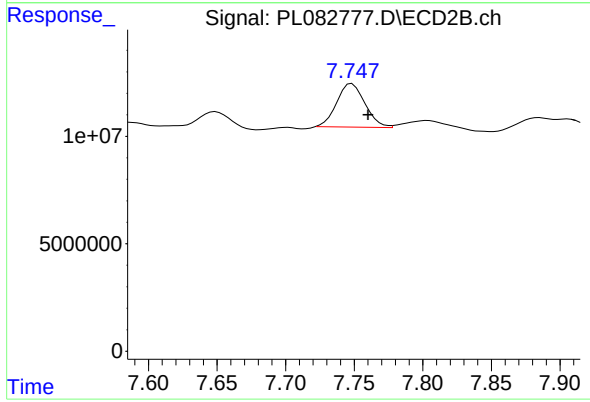
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.008 min
Response: 26139547
Conc: 13.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 29007933
Conc: 12.71 ng/ml