

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061422\
 Data File : PL075787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2022 21:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/15/2022
 Supervised By : Ankita Jodhani 06/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 00:50:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.642	4.637	36558735	88134473	54.170	52.518
28)	SA Decachlor...	11.636	10.378	31138390	67728767	50.861	48.070
Target Compounds							
2)	A alpha-BHC	6.225	5.338	53082644	126.8E6	56.473	55.995
3)	MA gamma-BHC...	6.624	5.759	49608748	117.9E6	56.519	54.365
4)	MA Heptachlor	7.278	6.166	49416128	114.8E6	53.740	53.828
5)	MB Aldrin	7.650	6.489	44970223	105.3E6	54.771m	53.639
6)	B beta-BHC	6.875	6.137	22517998	50812569	54.866	51.768
7)	B delta-BHC	7.145	6.397	46154979	117.2E6	59.982	54.735
8)	B Heptachlo...	8.120	7.063	43715529	96960861	56.554	52.988
9)	A Endosulfan I	8.528	7.465	38600550	89398117	55.168	53.450
10)	B gamma-Chl...	8.390	7.340	43325524	97805818	55.792	53.343
11)	B alpha-Chl...	8.472	7.409	41867377	96605532	54.901	52.909
12)	B 4,4'-DDE	8.657	7.621	36456394	86560896	55.084	54.142
13)	MA Dieldrin	8.818	7.749	39294688	92822600	54.392	54.840m
14)	MA Endrin	9.060	8.040	32791318	76702159	55.305	56.105
15)	B Endosulfa...	9.293	8.350	32546123	74355225	52.301	51.885
16)	A 4,4'-DDD	9.199	8.204	30259675	69009818	55.304	52.481
17)	MA 4,4'-DDT	9.519	8.463	33515227	75397273	52.320	53.634m
18)	B Endrin al...	9.428	8.538	26020787	56144957	50.805	49.847
19)	B Endosulfa...	9.667	8.768	33218921	75527357	53.032	51.422
20)	A Methoxychlor	10.005	9.057	18229521	39844355	50.924	48.910
21)	B Endrin ke...	10.168	9.286	37428152	80272671	53.223	49.727
22)	Mirex	10.641	9.473	28290166	64708689	50.268	50.391

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

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PSTDCCC050

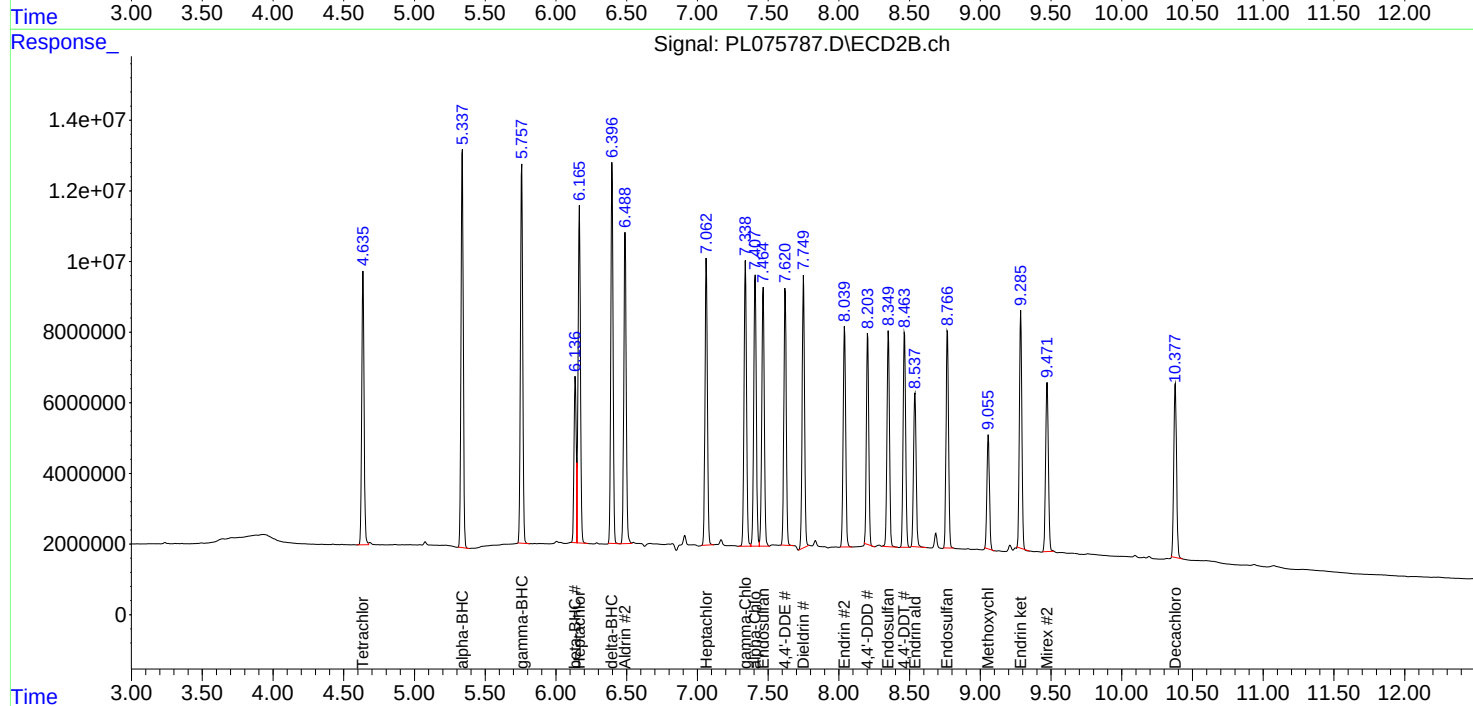
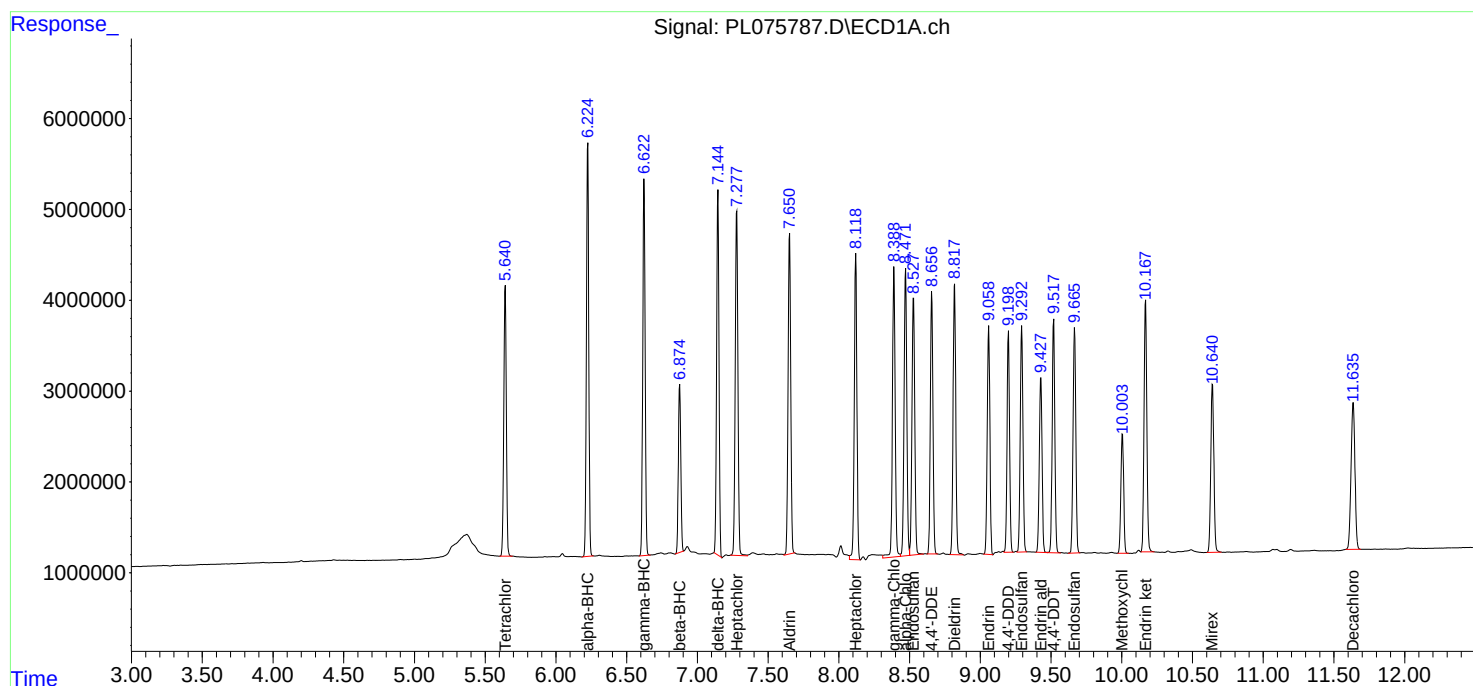
Manual Integrations

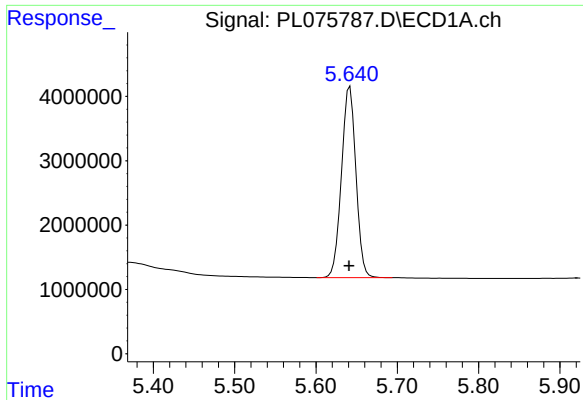
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 Supervised By :Ankita Jodhani 06/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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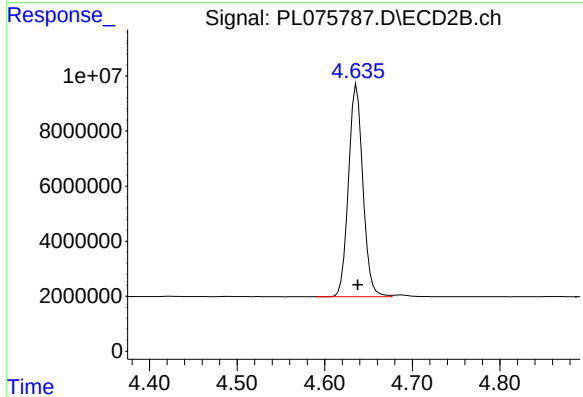
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 36558735
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

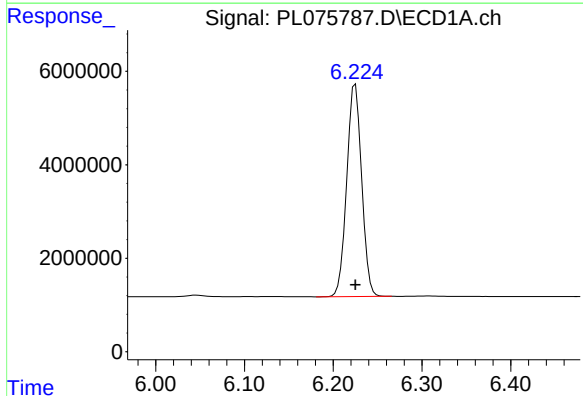
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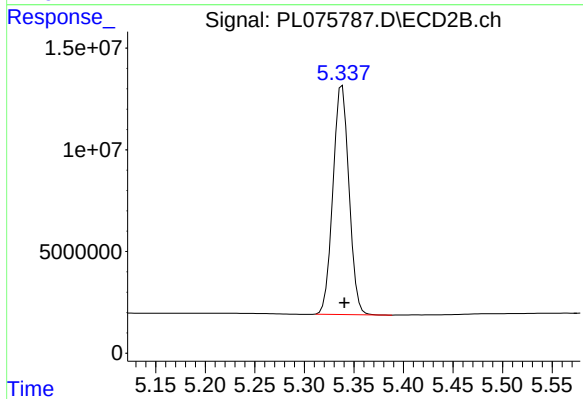
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.001 min
Response: 88134473
Conc: 52.52 ng/ml



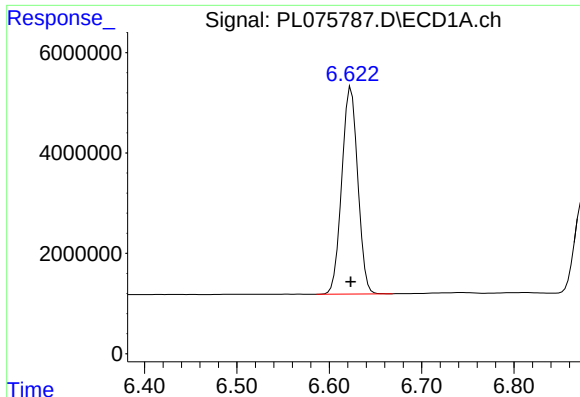
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 53082644
Conc: 56.47 ng/ml



#2 alpha-BHC

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 126789144
Conc: 56.00 ng/ml



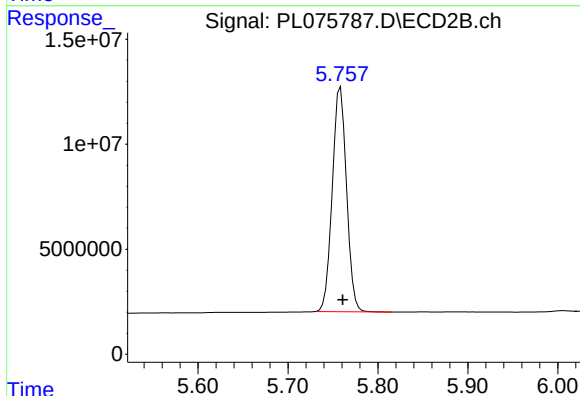
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 49608748
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

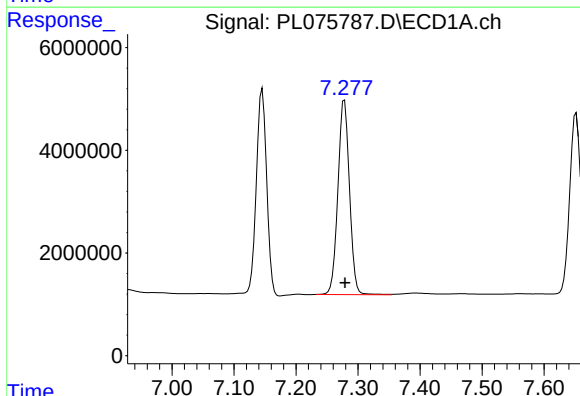
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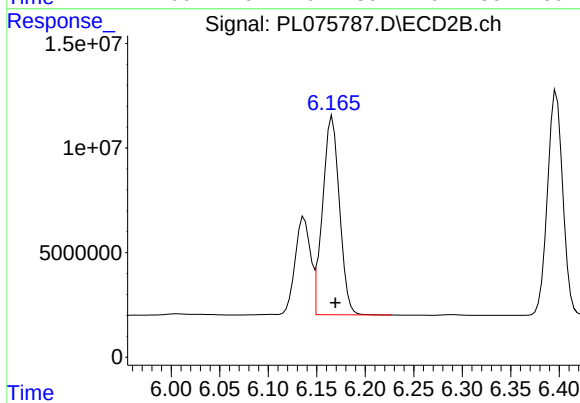
#3 gamma-BHC (Lindane)

R.T.: 5.759 min
Delta R.T.: -0.003 min
Response: 117894990
Conc: 54.37 ng/ml



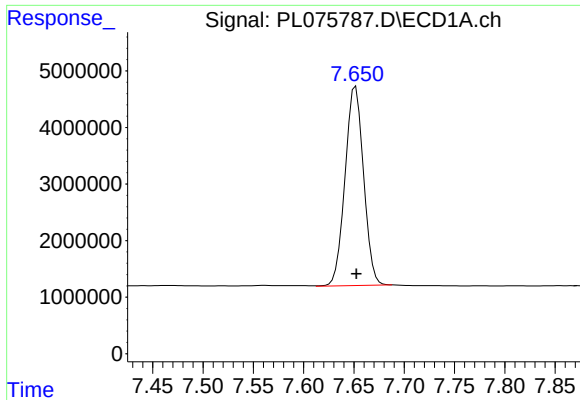
#4 Heptachlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 49416128
Conc: 53.74 ng/ml



#4 Heptachlor

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 114771118
Conc: 53.83 ng/ml



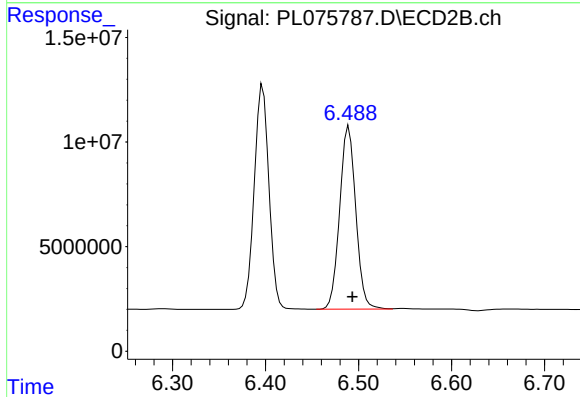
#5 Aldrin

R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 44970223
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

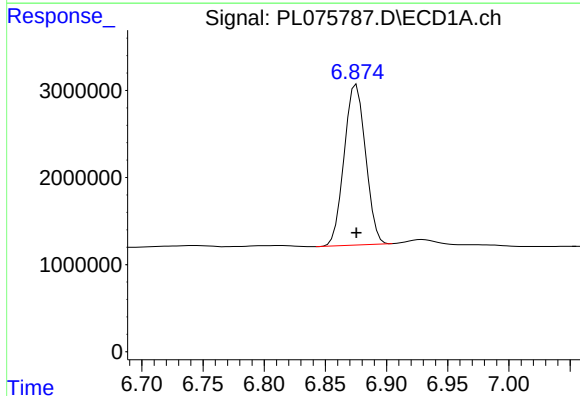
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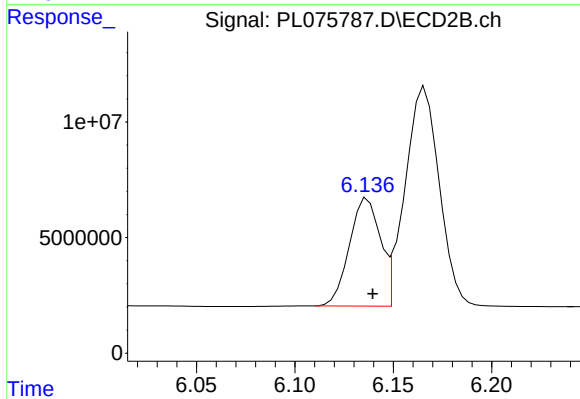
#5 Aldrin

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 105346207
Conc: 53.64 ng/ml



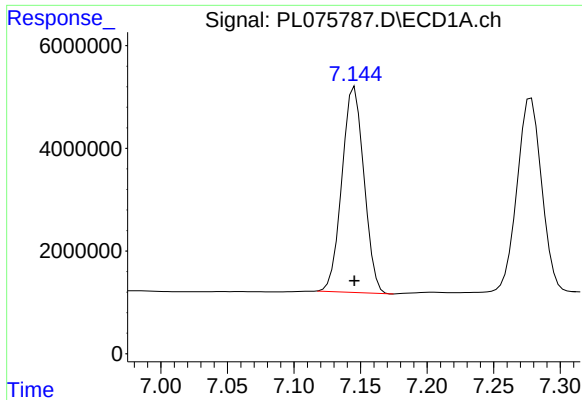
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 22517998
Conc: 54.87 ng/ml



#6 beta-BHC

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 50812569
Conc: 51.77 ng/ml



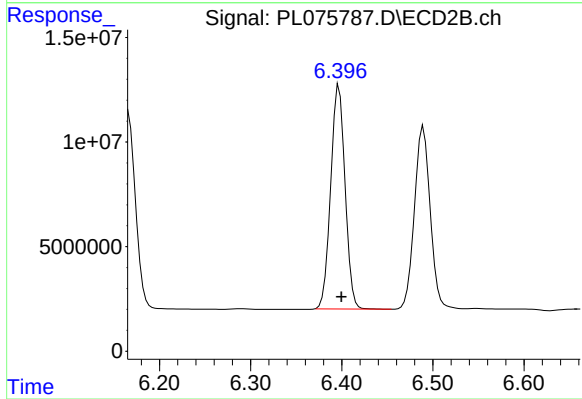
#7 delta-BHC

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 46154979
Conc: 59.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

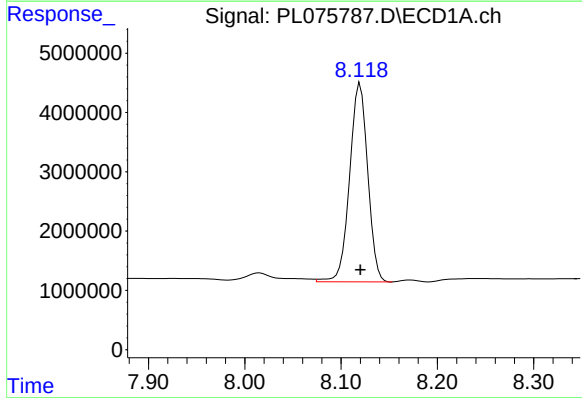
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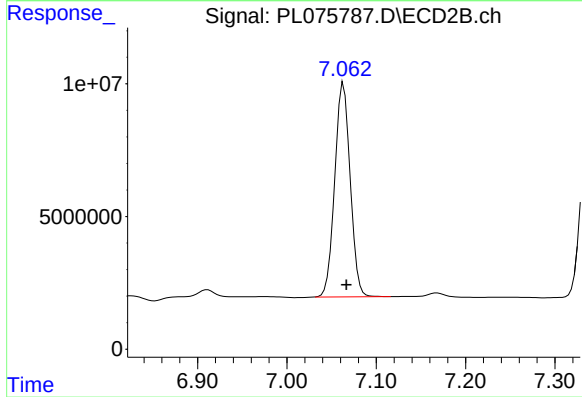
#7 delta-BHC

R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 117180615
Conc: 54.74 ng/ml



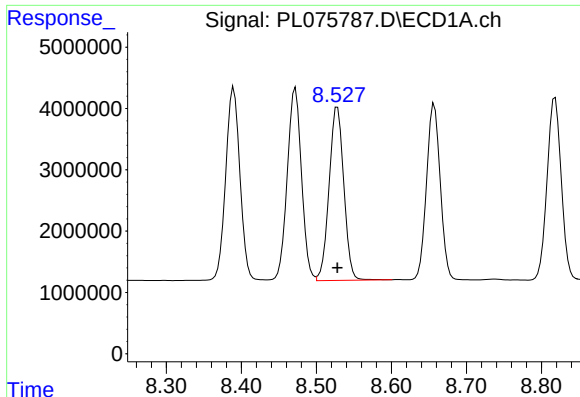
#8 Heptachlor epoxide

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 43715529
Conc: 56.55 ng/ml



#8 Heptachlor epoxide

R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 96960861
Conc: 52.99 ng/ml



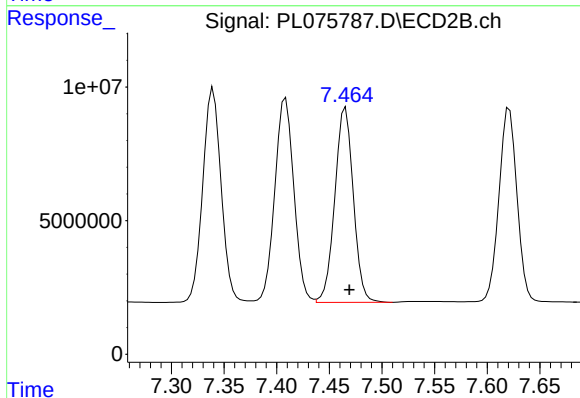
#9 Endosulfan I

R.T.: 8.528 min
Delta R.T.: 0.000 min
Response: 38600550
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

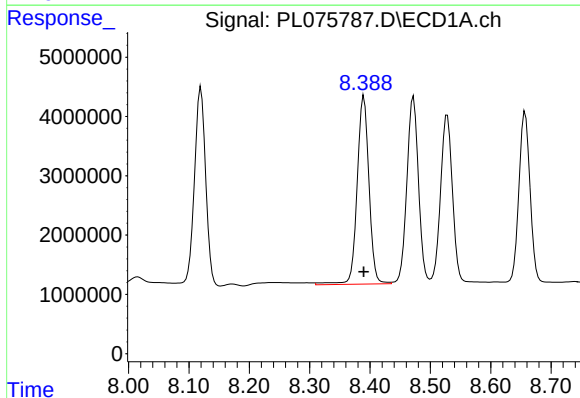
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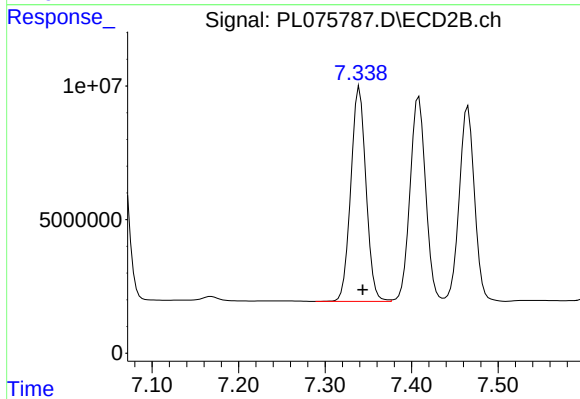
#9 Endosulfan I

R.T.: 7.465 min
Delta R.T.: -0.004 min
Response: 89398117
Conc: 53.45 ng/ml



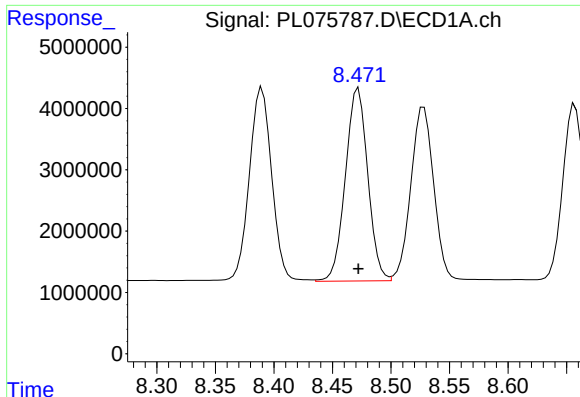
#10 gamma-Chlordane

R.T.: 8.390 min
Delta R.T.: 0.000 min
Response: 43325524
Conc: 55.79 ng/ml



#10 gamma-Chlordane

R.T.: 7.340 min
Delta R.T.: -0.004 min
Response: 97805818
Conc: 53.34 ng/ml



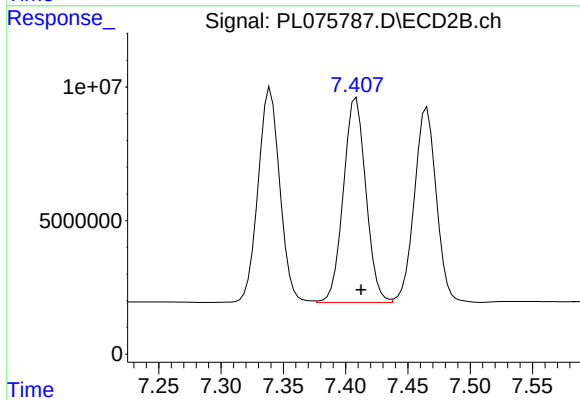
#11 alpha-Chlordane

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 41867377
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

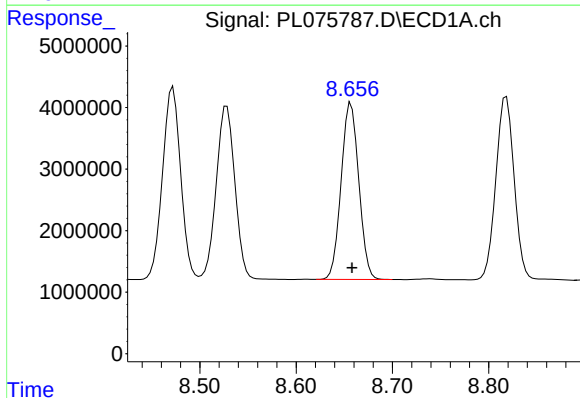
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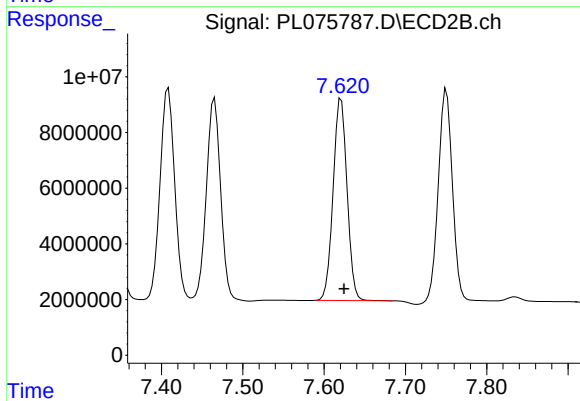
#11 alpha-Chlordane

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 96605532
Conc: 52.91 ng/ml



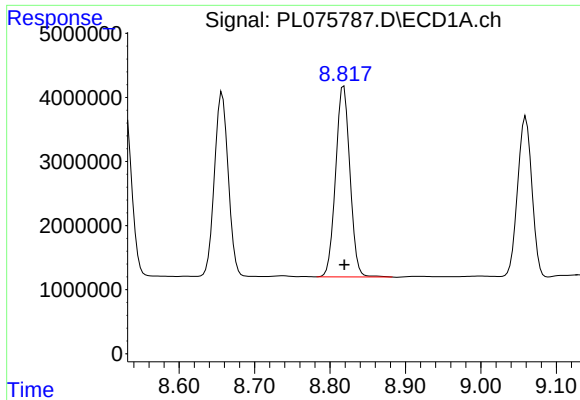
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 36456394
Conc: 55.08 ng/ml



#12 4,4'-DDE

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 86560896
Conc: 54.14 ng/ml



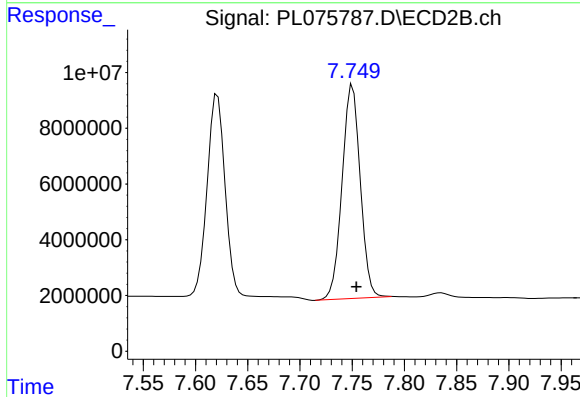
#13 Dieldrin

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 39294688
Conc: 54.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

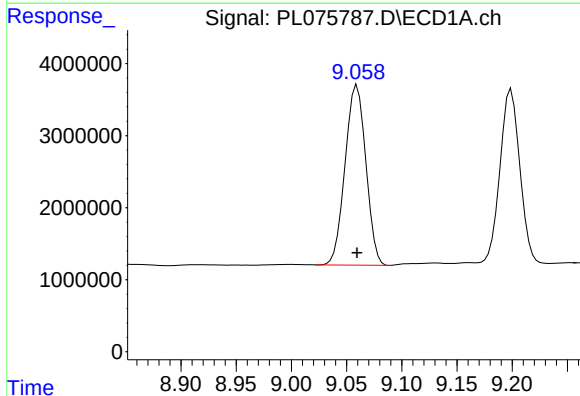
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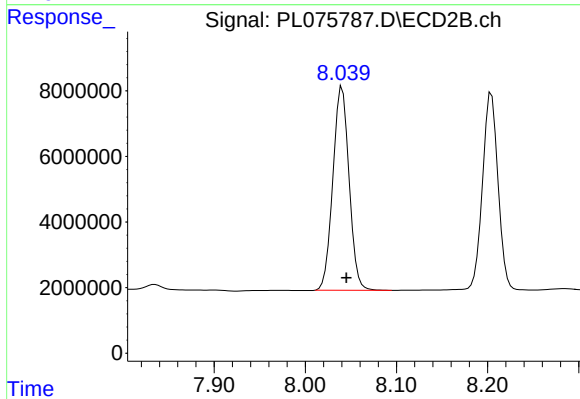
#13 Dieldrin

R.T.: 7.749 min
Delta R.T.: -0.005 min
Response: 92822600
Conc: 54.84 ng/ml m



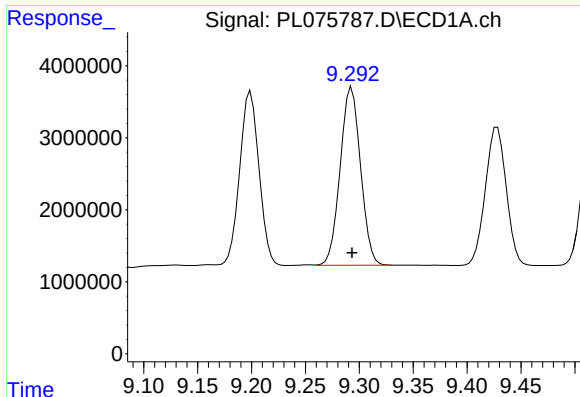
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 32791318
Conc: 55.31 ng/ml



#14 Endrin

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 76702159
Conc: 56.10 ng/ml



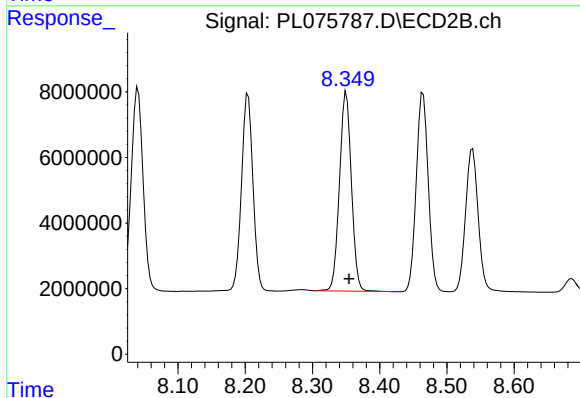
#15 Endosulfan II

R.T.: 9.293 min
Delta R.T.: 0.000 min
Response: 32546123
Conc: 52.30 ng/ml

Instrument :
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ClientSampleId :
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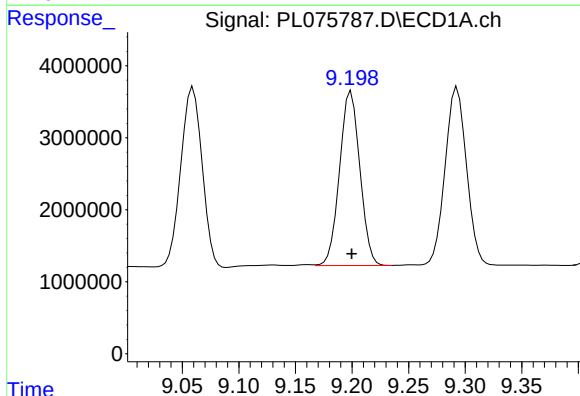
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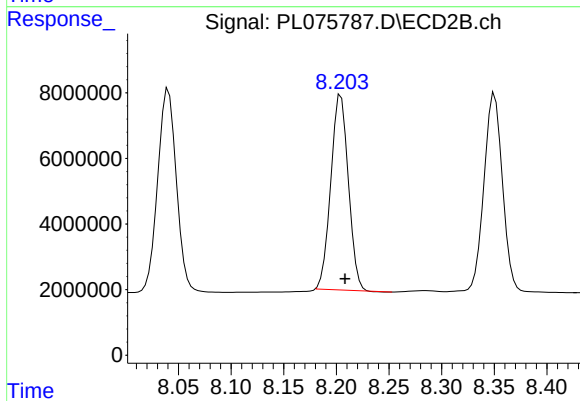
#15 Endosulfan II

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 74355225
Conc: 51.89 ng/ml



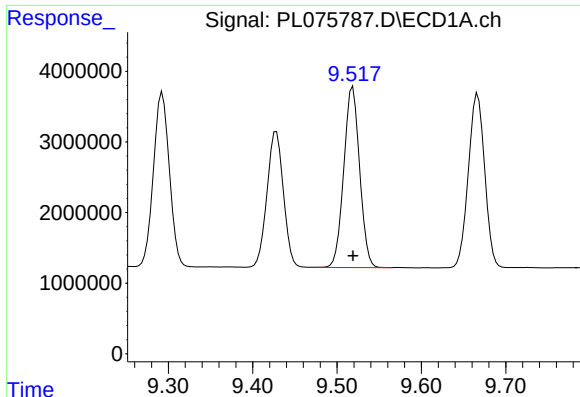
#16 4,4'-DDD

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 30259675
Conc: 55.30 ng/ml



#16 4,4'-DDD

R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 69009818
Conc: 52.48 ng/ml



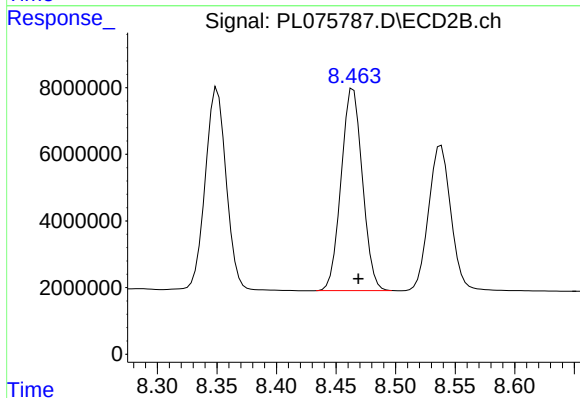
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 33515227
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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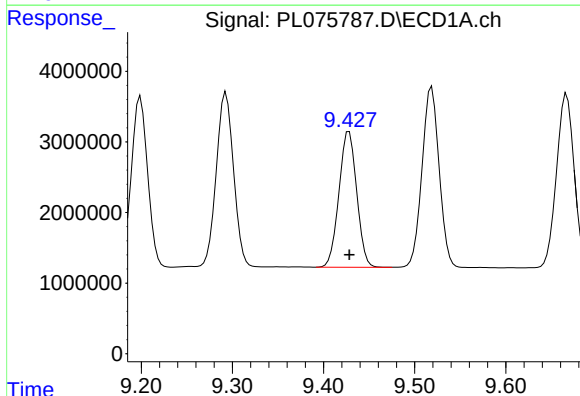
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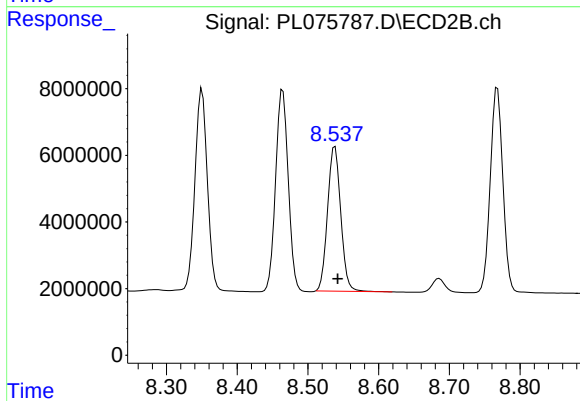
#17 4,4'-DDT

R.T.: 8.463 min
Delta R.T.: -0.006 min
Response: 75397273
Conc: 53.63 ng/ml m



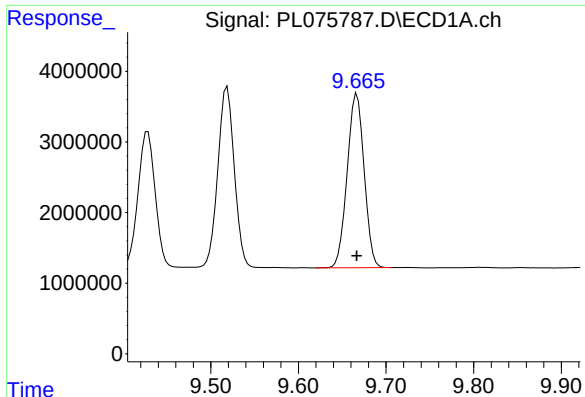
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 26020787
Conc: 50.81 ng/ml



#18 Endrin aldehyde

R.T.: 8.538 min
Delta R.T.: -0.004 min
Response: 56144957
Conc: 49.85 ng/ml



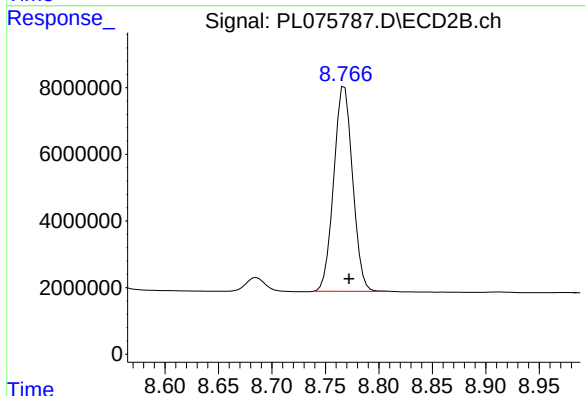
#19 Endosulfan Sulfate

R.T.: 9.667 min
Delta R.T.: 0.000 min
Response: 33218921
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

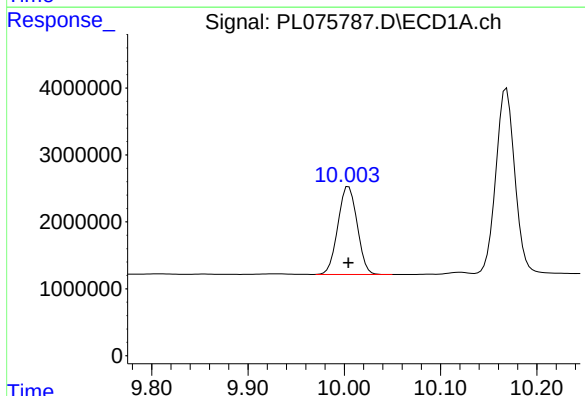
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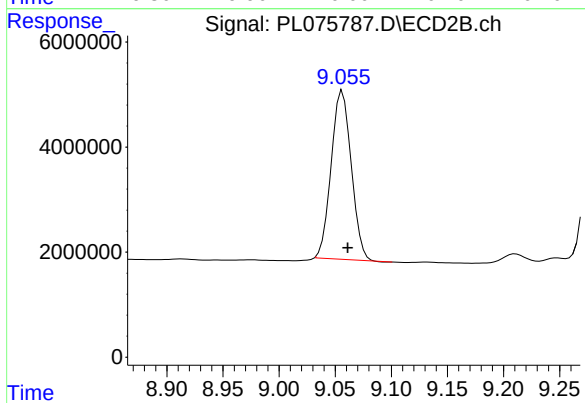
#19 Endosulfan Sulfate

R.T.: 8.768 min
Delta R.T.: -0.004 min
Response: 75527357
Conc: 51.42 ng/ml



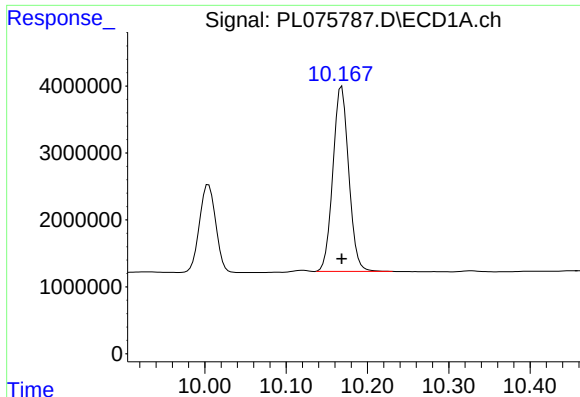
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.000 min
Response: 18229521
Conc: 50.92 ng/ml



#20 Methoxychlor

R.T.: 9.057 min
Delta R.T.: -0.005 min
Response: 39844355
Conc: 48.91 ng/ml



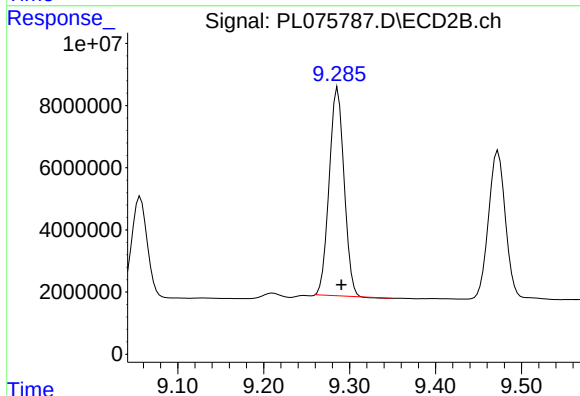
#21 Endrin ketone

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 37428152
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

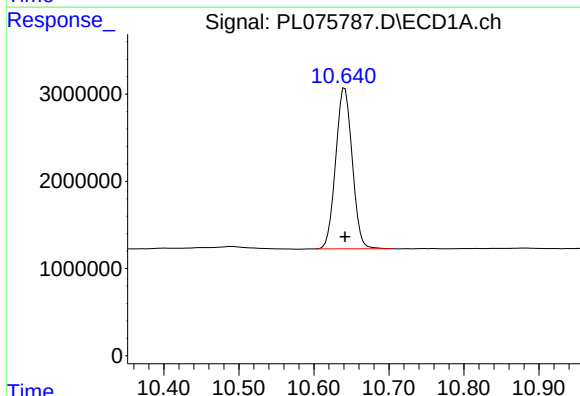
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Supervised By :Ankita Jodhani 06/15/2022



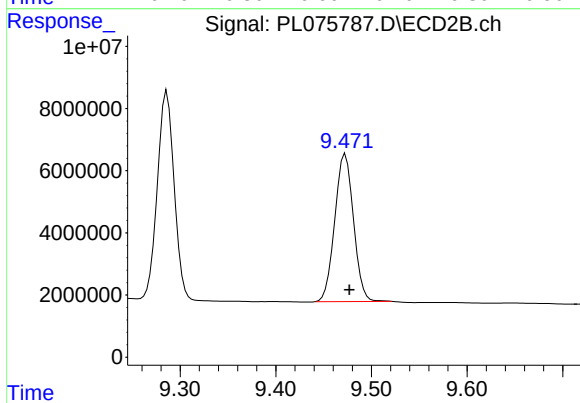
#21 Endrin ketone

R.T.: 9.286 min
Delta R.T.: -0.004 min
Response: 80272671
Conc: 49.73 ng/ml



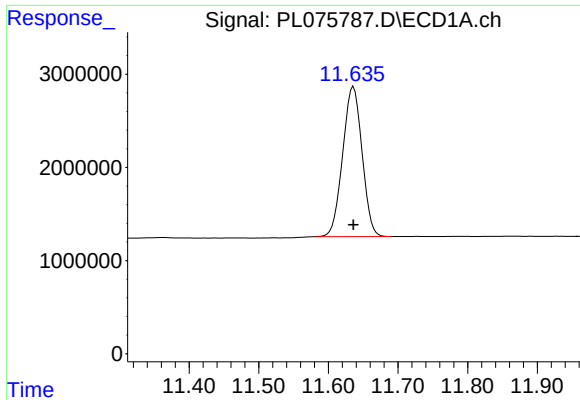
#22 Mirex

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 28290166
Conc: 50.27 ng/ml



#22 Mirex

R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 64708689
Conc: 50.39 ng/ml



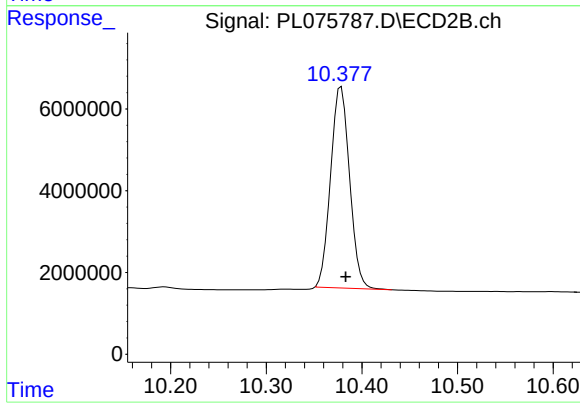
#28 Decachlorobiphenyl

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 31138390
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2022
Supervised By :Ankita Jodhani 06/15/2022



#28 Decachlorobiphenyl

R.T.: 10.378 min
Delta R.T.: -0.005 min
Response: 67728767
Conc: 48.07 ng/ml