

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032924\
 Data File : PL088831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2024 14:52
 Operator : AR\AJ
 Sample : PB159866BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159866BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/01/2024
 Supervised By : Ankita Jodhani 04/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 00:34:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.633	2.850	51454877	27153804	19.417	20.374
28)	SA Decachlor...	9.305	8.080	42652905	28170589	17.255	20.776
Target Compounds							
2)	A alpha-BHC	4.099	3.365	199.5E6	105.8E6	49.988	52.660
3)	MA gamma-BHC...	4.437	3.700	192.4E6	100.3E6	49.599	52.264m
4)	MA Heptachlor	5.037	4.050	192.1E6	101.4E6	50.580	56.343
5)	MB Aldrin	5.384	4.335	179.3E6	96113804	48.919	53.188
6)	B beta-BHC	4.635	4.004	85396879	44540122	48.153	51.957
7)	B delta-BHC	4.886	4.238	185.8E6	96984247	46.129	50.696
8)	B Heptachlo...	5.815	4.846	166.8E6	90149708	48.548m	54.819
9)	A Endosulfan I	6.207	5.221	156.4E6	85019500	51.163	56.557
10)	B gamma-Chl...	6.074	5.100	172.5E6	94868617	51.778m	57.277
11)	B alpha-Chl...	6.154	5.165	170.4E6	94177333	51.278m	56.736
12)	B 4,4'-DDE	6.331	5.358	153.2E6	84956520	51.263	58.246
13)	MA Dieldrin	6.486	5.490	165.8E6	92132221	51.142	56.726
14)	MA Endrin	6.719	5.770	134.6E6	81107905	49.255	56.269
15)	B Endosulfa...	6.940	6.068	142.6E6	81863072	49.782	56.933
16)	A 4,4'-DDD	6.854	5.920	127.9E6	73804469	50.219	59.263
17)	MA 4,4'-DDT	7.173	6.174	135.5E6	78767431	50.843	58.686
18)	B Endrin al...	7.070	6.250	109.3E6	63109991	52.340m	60.223
19)	B Endosulfa...	7.308	6.475	134.5E6	79547528	48.715	57.334
20)	A Methoxychlor	7.654	6.758	71473734	44604804	47.443	55.612
21)	B Endrin ke...	7.800	6.988	145.7E6	93771964	49.297	56.807
22)	Mirex	8.283	7.175	113.7E6	76158919	48.480	56.480

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032924\
Data File : PL088831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Mar 2024 14:52
Operator : AR\AJ
Sample : PB159866BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB159866BS

Manual Integrations

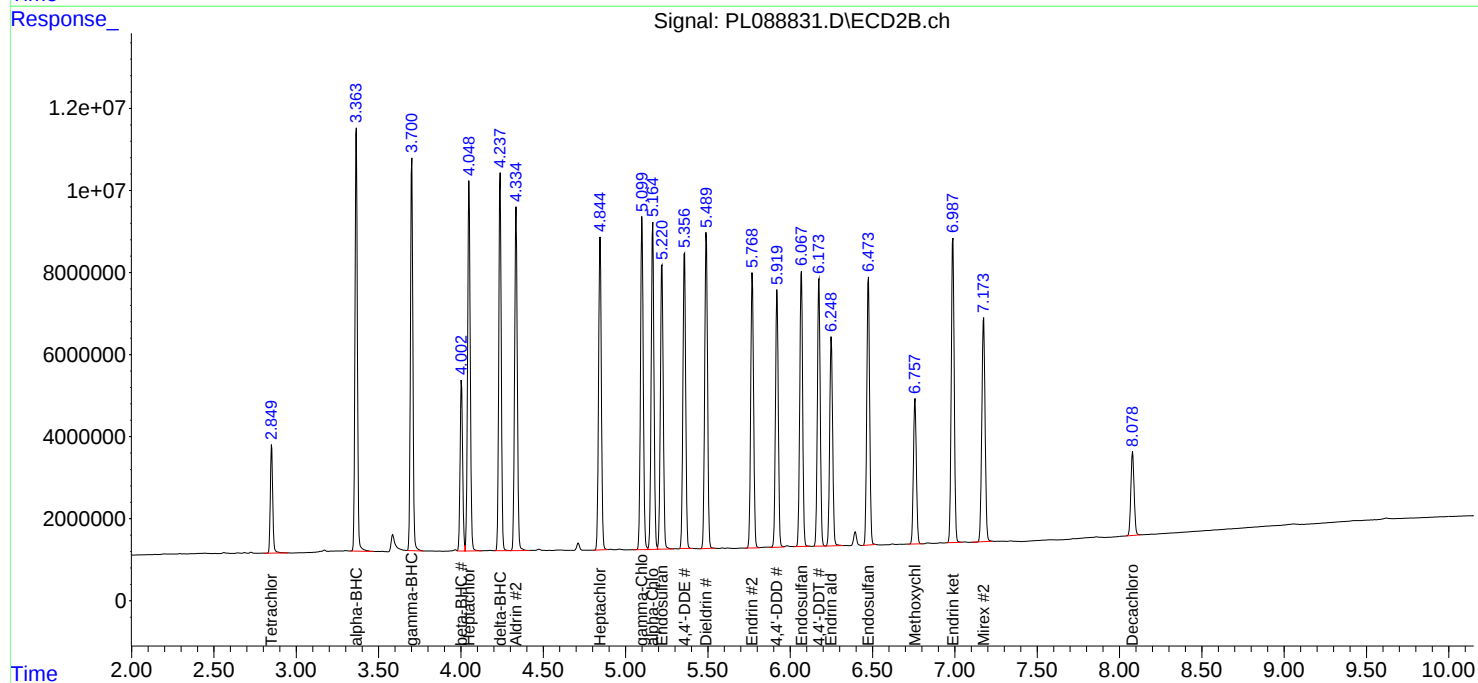
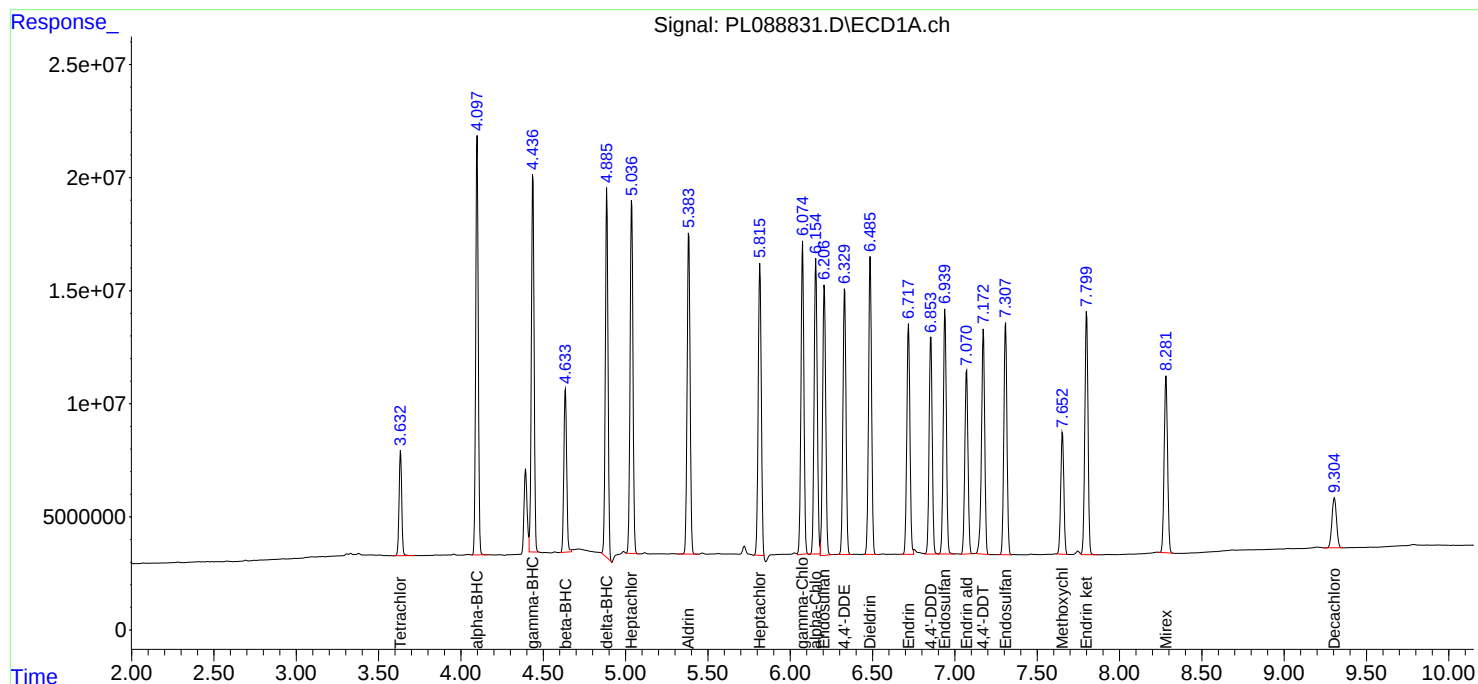
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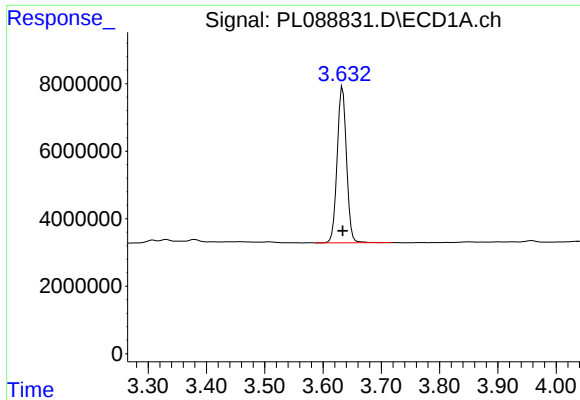
Reviewed By :Abdul Mirza 04/01/2024

Supervised By :Ankita Jodhani 04/01/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 00:34:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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





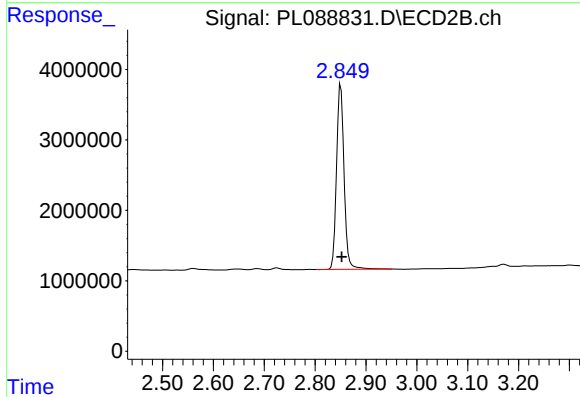
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 51454877
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

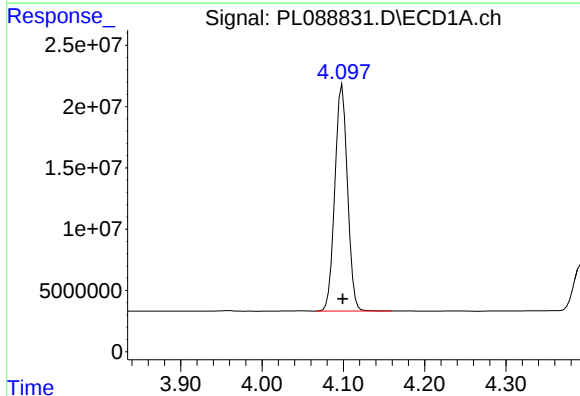
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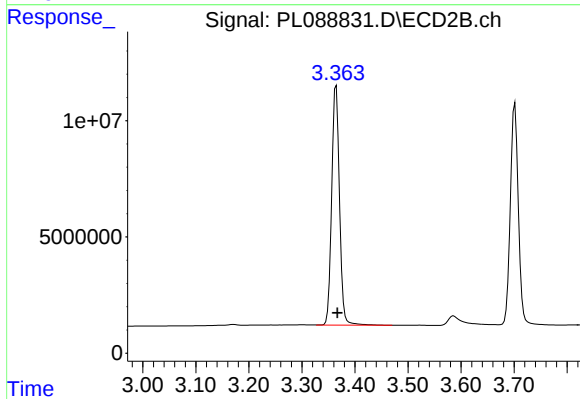
#1 Tetrachloro-m-xylene

R.T.: 2.850 min
Delta R.T.: -0.002 min
Response: 27153804
Conc: 20.37 ng/ml



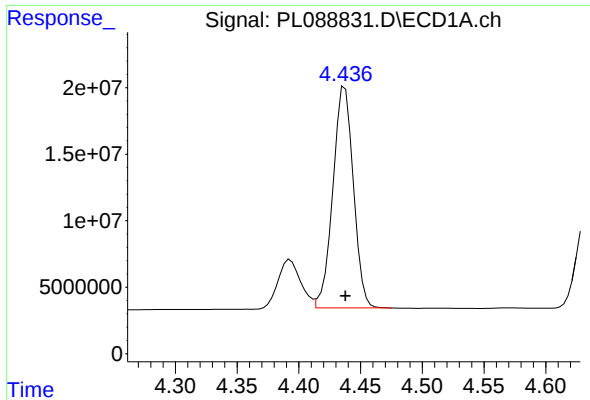
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 199535467
Conc: 49.99 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.003 min
Response: 105818237
Conc: 52.66 ng/ml



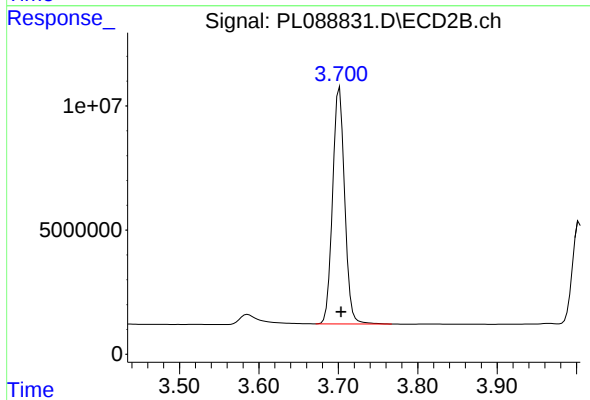
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 192356995
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

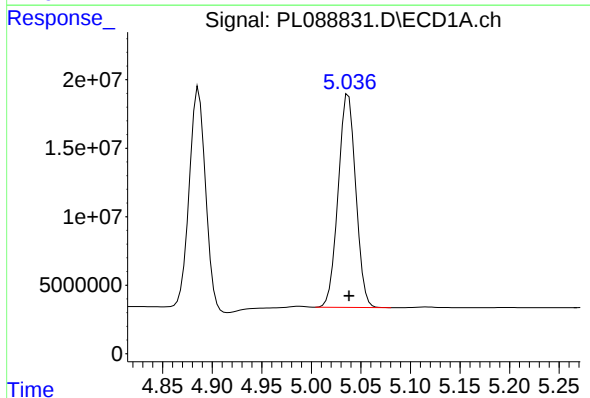
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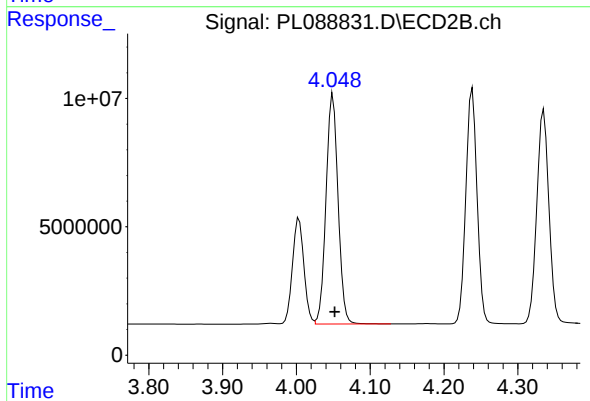
#3 gamma-BHC (Lindane)

R.T.: 3.700 min
Delta R.T.: -0.003 min
Response: 100301481
Conc: 52.26 ng/ml m



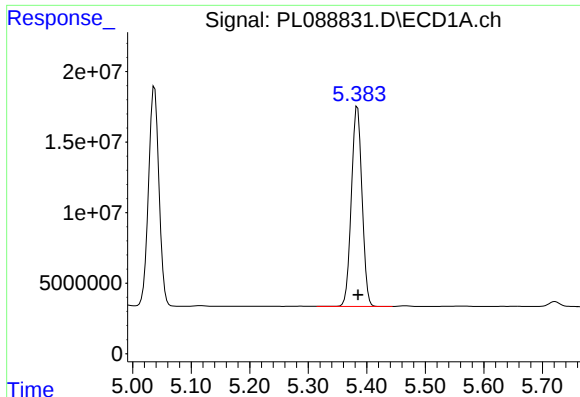
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 192073765
Conc: 50.58 ng/ml



#4 Heptachlor

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 101401963
Conc: 56.34 ng/ml



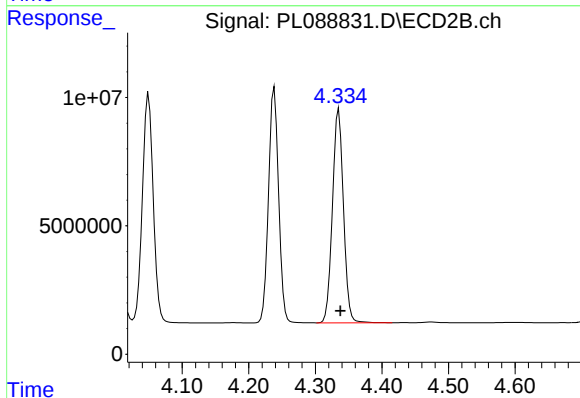
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 179261361
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

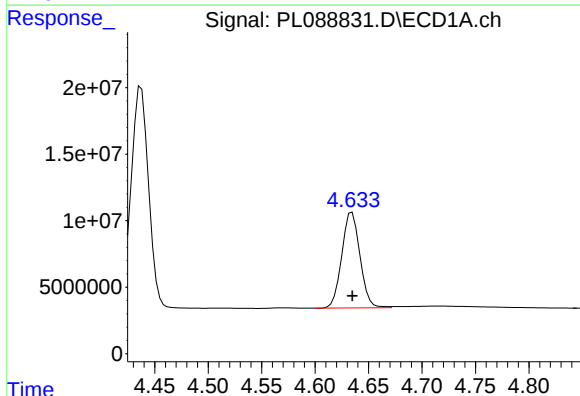
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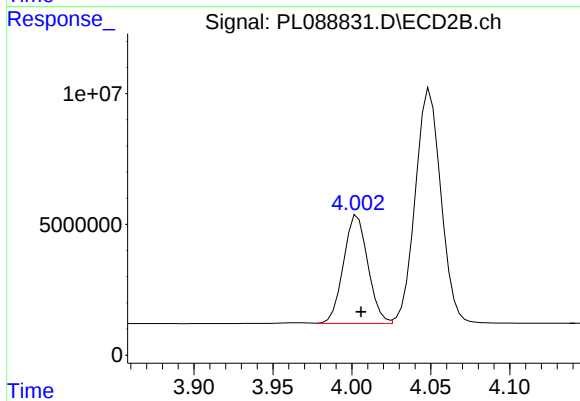
#5 Aldrin

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 96113804
Conc: 53.19 ng/ml



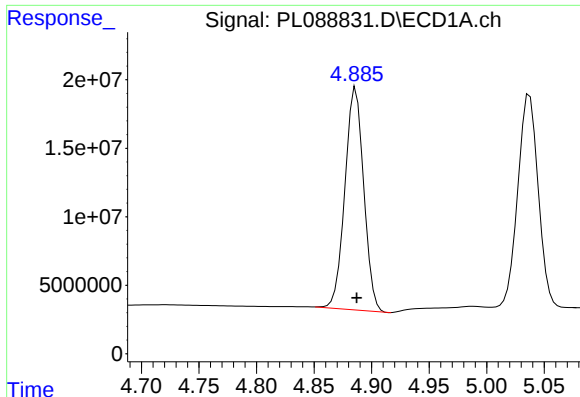
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 85396879
Conc: 48.15 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 44540122
Conc: 51.96 ng/ml



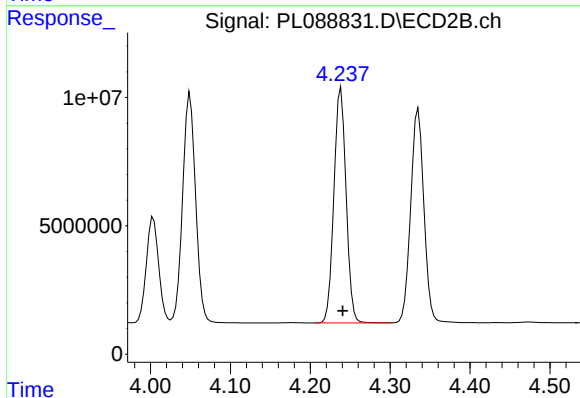
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 185817420
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

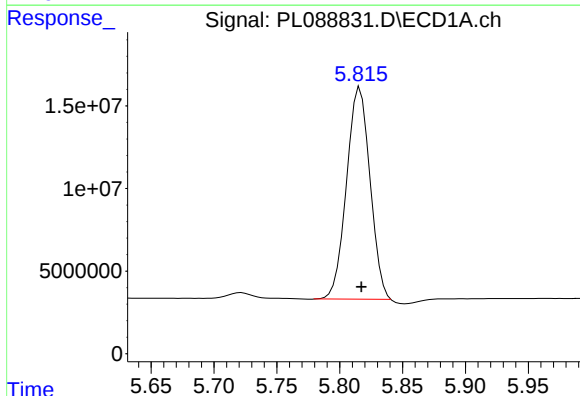
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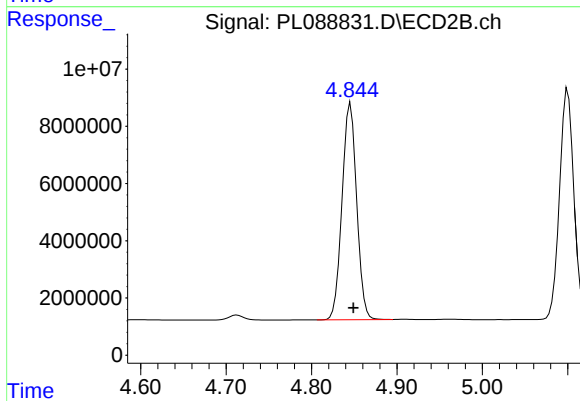
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 96984247
Conc: 50.70 ng/ml



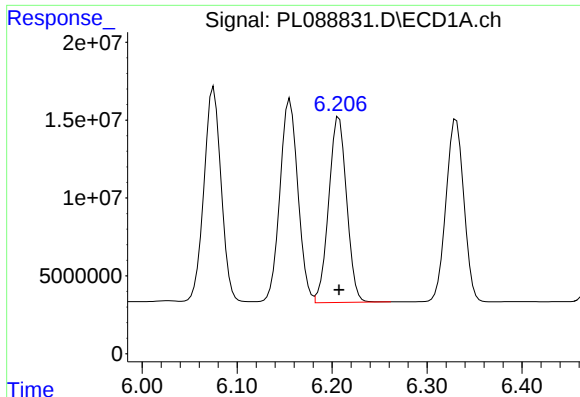
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 166760667
Conc: 48.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 90149708
Conc: 54.82 ng/ml



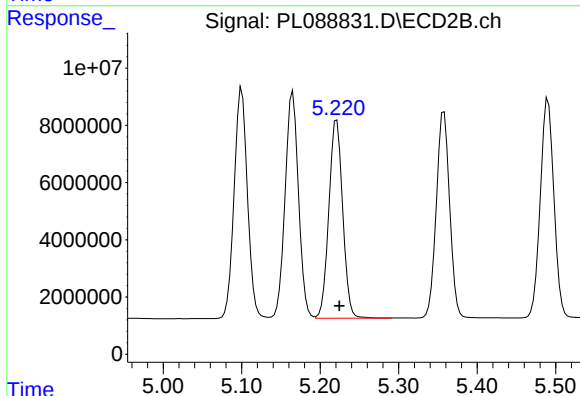
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 156378300
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

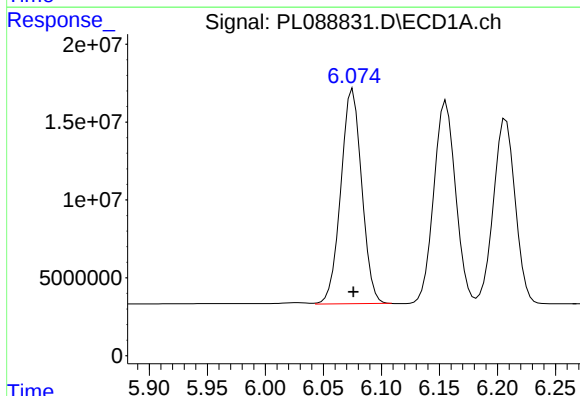
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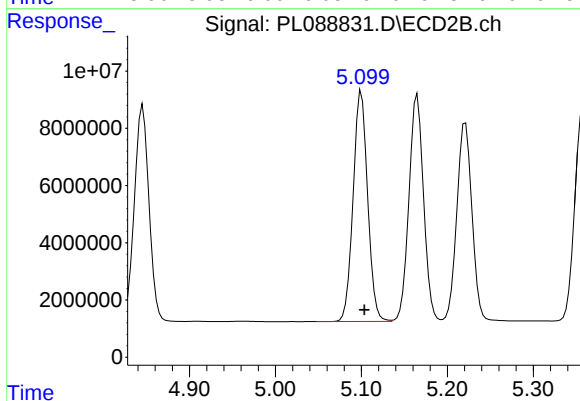
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.003 min
Response: 85019500
Conc: 56.56 ng/ml



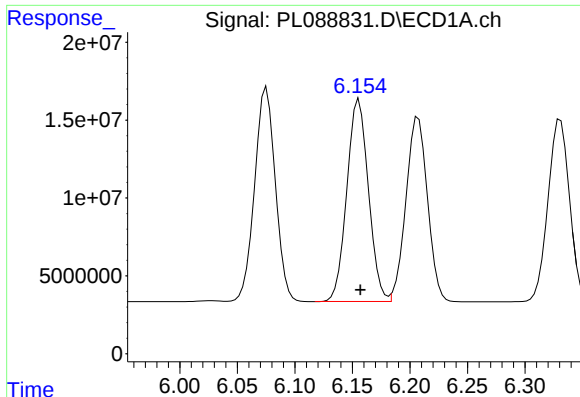
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 172464701
Conc: 51.78 ng/ml m



#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 94868617
Conc: 57.28 ng/ml



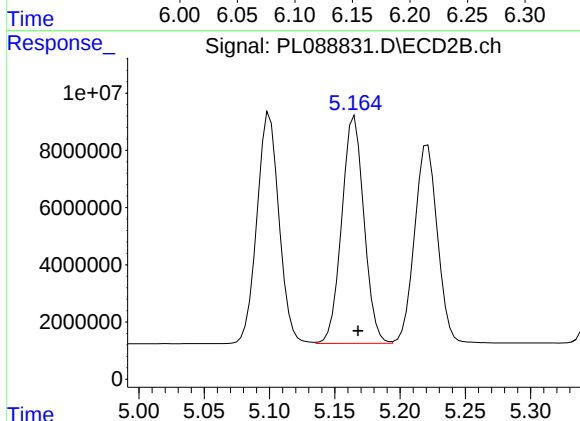
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 170449356
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

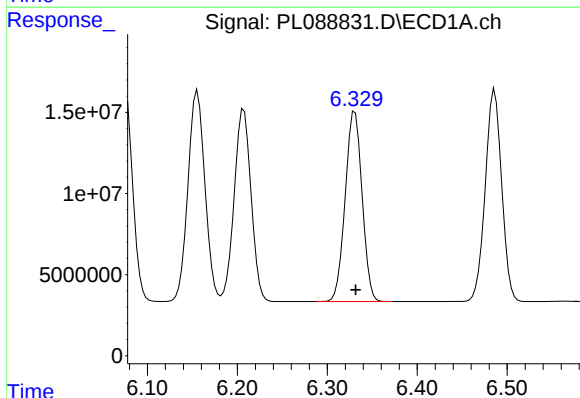
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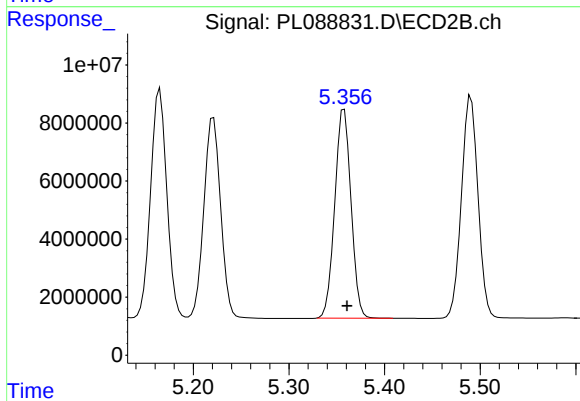
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 94177333
Conc: 56.74 ng/ml



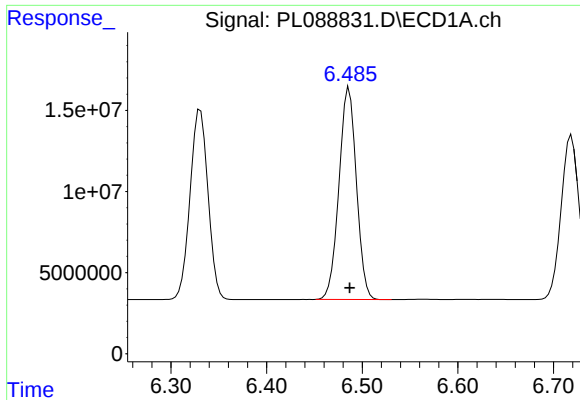
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 153160025
Conc: 51.26 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 84956520
Conc: 58.25 ng/ml



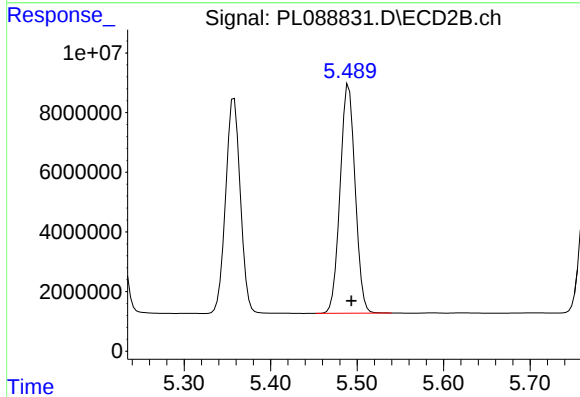
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 165836273
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

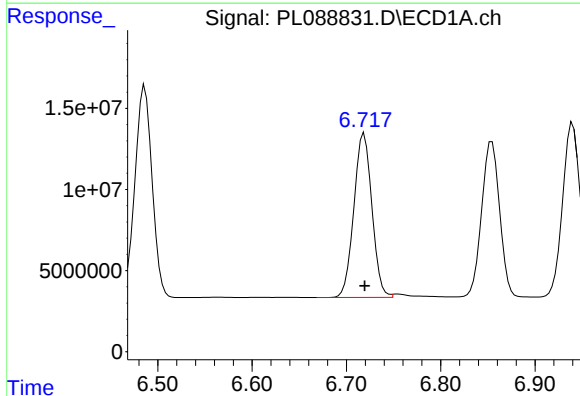
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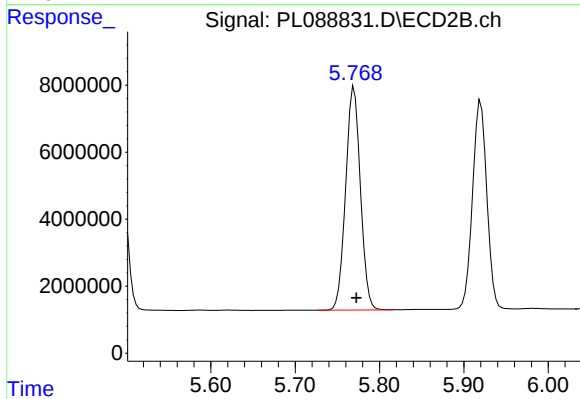
#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 92132221
Conc: 56.73 ng/ml



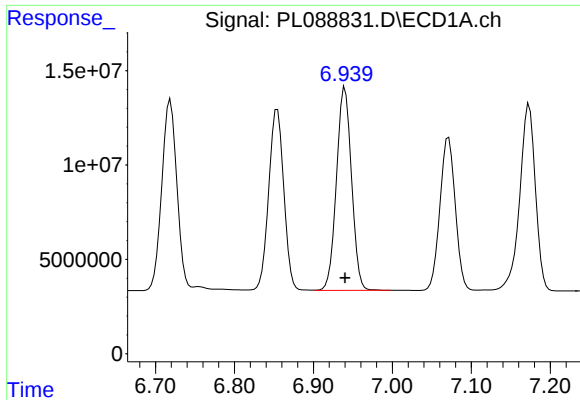
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 134649673
Conc: 49.26 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 81107905
Conc: 56.27 ng/ml



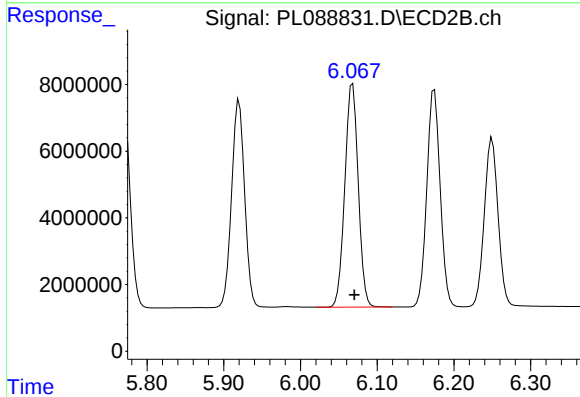
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 142584581
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

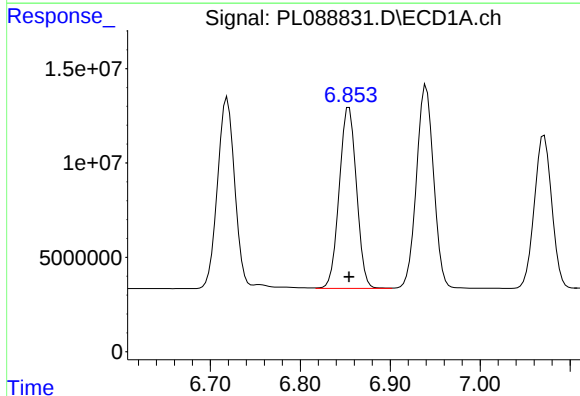
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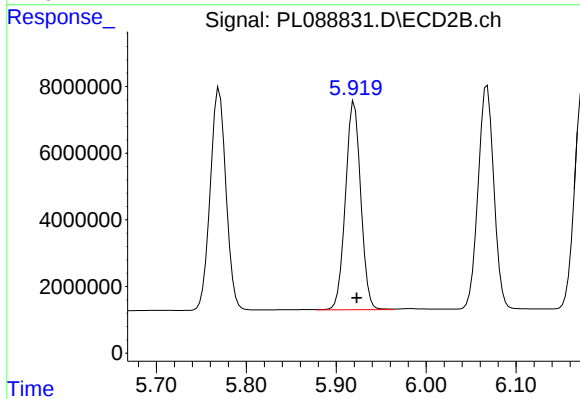
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 81863072
Conc: 56.93 ng/ml



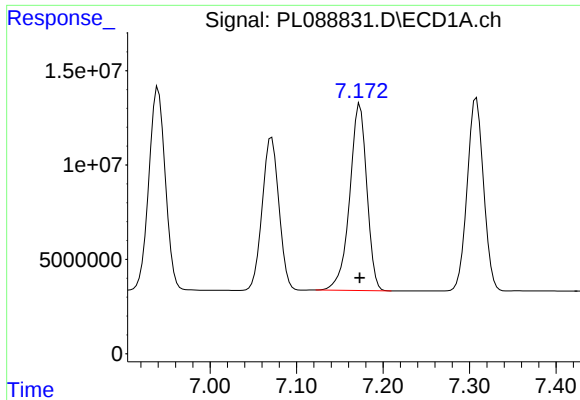
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 127895218
Conc: 50.22 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 73804469
Conc: 59.26 ng/ml



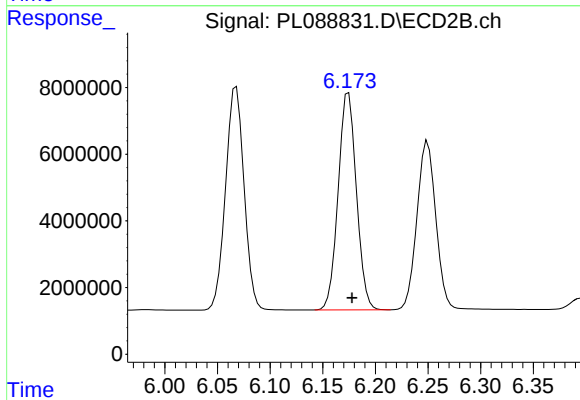
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 135520398
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

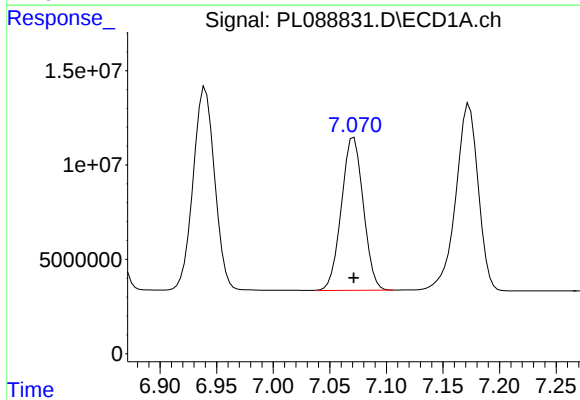
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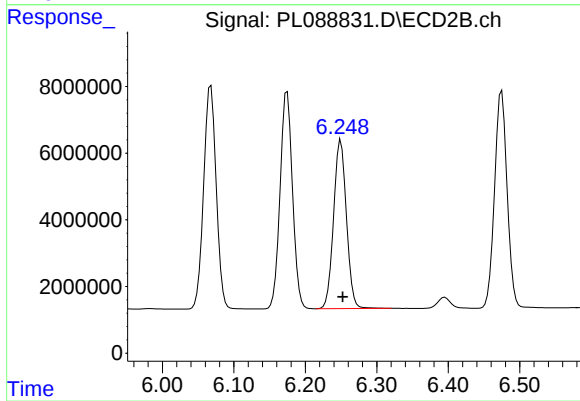
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 78767431
Conc: 58.69 ng/ml



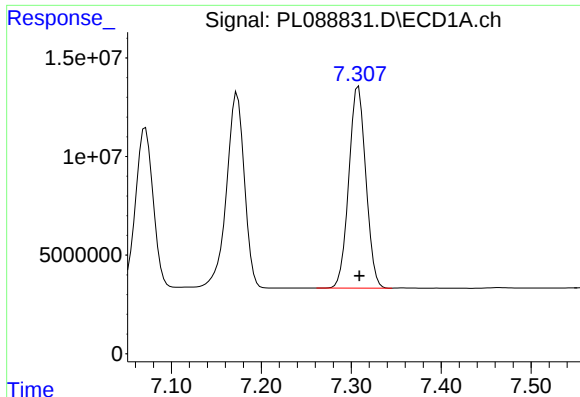
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.001 min
Response: 109276526
Conc: 52.34 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 63109991
Conc: 60.22 ng/ml



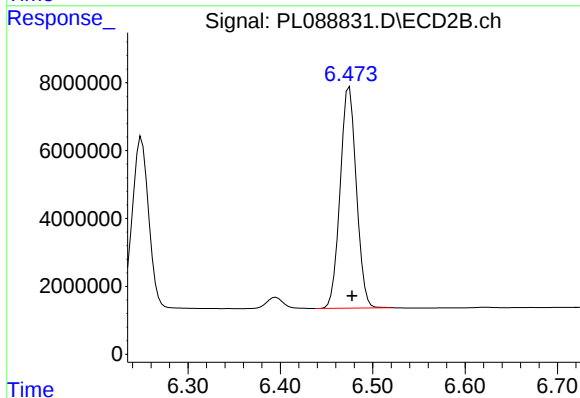
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 134516310
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

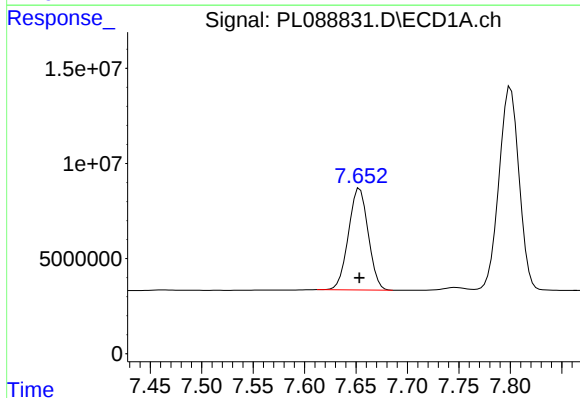
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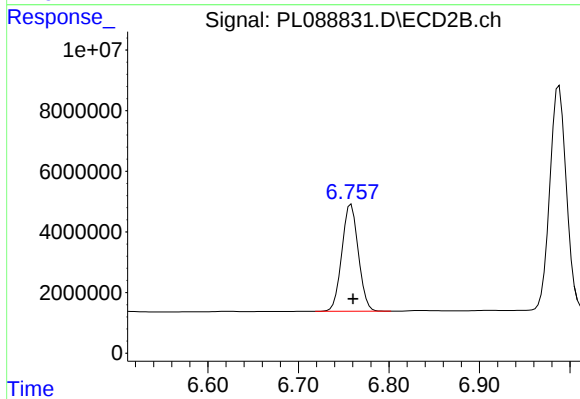
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 79547528
Conc: 57.33 ng/ml



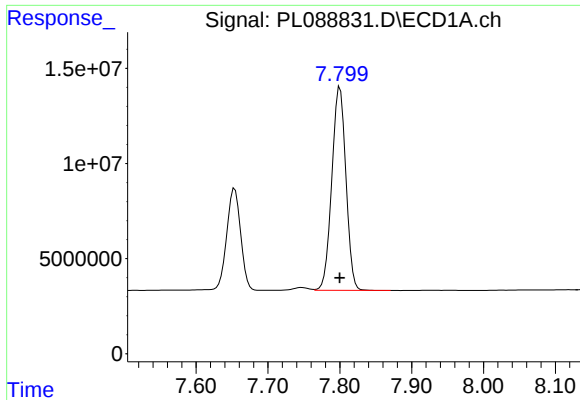
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 71473734
Conc: 47.44 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 44604804
Conc: 55.61 ng/ml



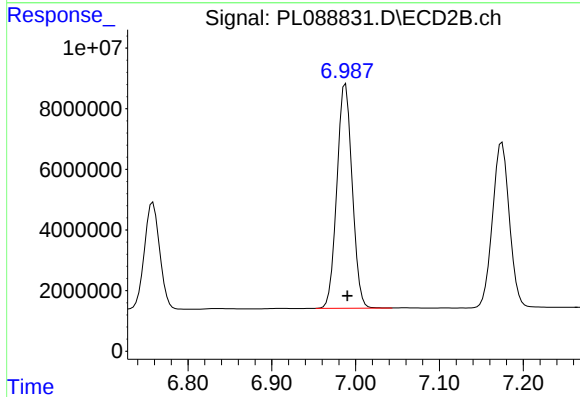
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 145742153
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

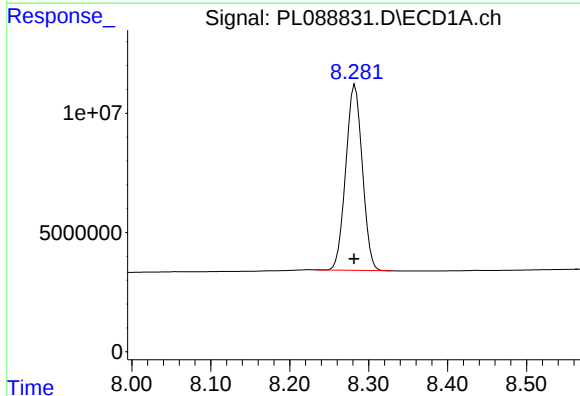
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2024
Supervised By :Ankita Jodhani 04/01/2024



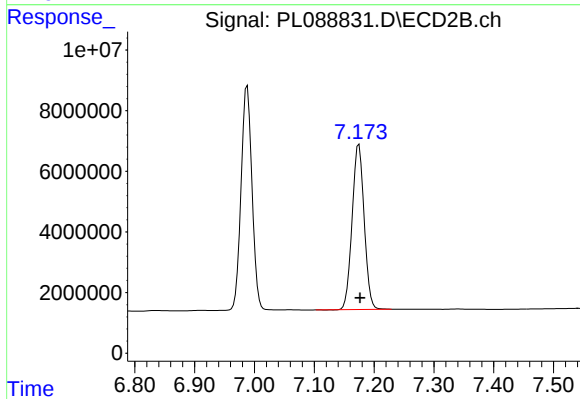
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 93771964
Conc: 56.81 ng/ml



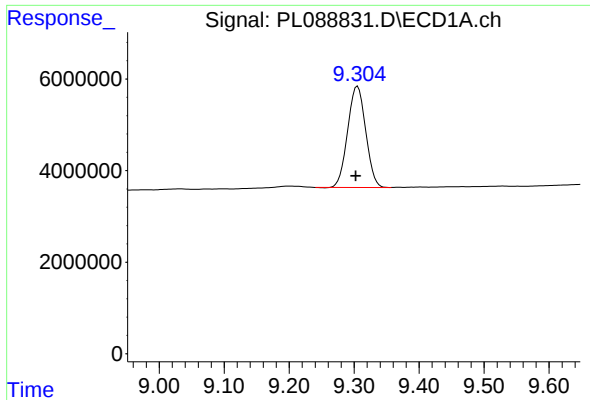
#22 Mirex

R.T.: 8.283 min
Delta R.T.: 0.001 min
Response: 113661743
Conc: 48.48 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 76158919
Conc: 56.48 ng/ml



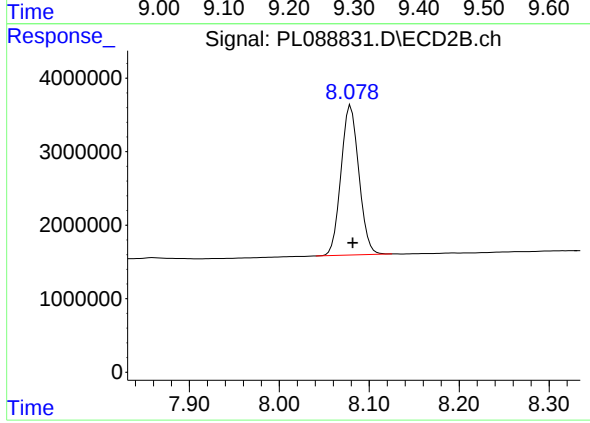
#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.003 min
Response: 42652905
Conc: 17.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159866BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 28170589
Conc: 20.78 ng/ml