

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121120\
 Data File : PL063465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2020 14:49
 Operator : DD\AJ
 Sample : L4989-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-02-120920MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 04:55:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121020.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 10 15:57:40 2020
 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...	3.409	3.949	35847661	64397879	21.066	20.547
28)	SA Decachlor...	8.125	8.989	34102016	41357970	16.934	16.423
Target Compounds							
2)	A alpha-BHC	3.840	4.336	134.6E6	263.7E6	53.690	55.718
3)	MA gamma-BHC...	4.120	4.619	123.7E6	235.2E6	54.271	52.755
4)	MA Heptachlor	4.417	5.124	113.9E6	216.5E6	53.042	52.724
5)	MB Aldrin	4.662	5.427	100.3E6	206.6E6	52.623	53.387
6)	B beta-BHC	4.370	4.791	51285774	98474920	52.818	49.572
7)	B delta-BHC	4.571	5.005	118.1E6	197.8E6	54.270	48.882
8)	B Heptachlo...	5.101	5.812	98941065	178.8E6	53.182	49.362
9)	A Endosulfan I	5.436	6.168	93047221	164.9E6	53.311	49.417
10)	B gamma-Chl...	5.326	6.046	111.7E6	194.9E6	60.080	54.917
11)	B alpha-Chl...	5.383	6.119	102.7E6	197.4E6	55.215	55.703
12)	B 4,4'-DDE	5.548	6.277	99592836	177.6E6	58.637	50.708
13)	MA Dieldrin	5.676	6.424	108.3E6	175.2E6	59.472	51.001
14)	MA Endrin	5.931	6.641	86775251	142.8E6	51.701	48.815
15)	B Endosulfa...	6.204	6.852	80651800	132.0E6	45.571	41.430
16)	A 4,4'-DDD	6.061	6.767	72805294	136.6E6	48.502	50.400
17)	MA 4,4'-DDT	6.298	7.065	77898480	142.0E6	56.767	55.553
18)	B Endrin al...	6.371	6.976	63118119	110.2E6	41.177	43.197
19)	B Endosulfa...	6.583	7.199	83691261	143.8E6	48.801	51.703
20)	A Methoxychlor	6.843	7.525	43303170	66274477	48.665	47.520
21)	B Endrin ke...	7.069	7.667	90002777	140.0E6	45.073	47.993
22)	Mirex	7.255	8.121	72677452	93525139	45.775	46.939
23)	Chlordane-1	4.273	0.000	5525251	0	101.070	N.D. #
24)	Chlordane-2	0.000	5.427f	0	206.6E6	N.D.	1636.709 #
25)	Chlordane-3	5.326	6.046	111.7E6	194.9E6	644.987	422.997 #
26)	Chlordane-4	5.383	6.119	102.7E6	197.4E6	701.789	360.071 #
27)	Chlordane-5	6.204	0.000	80651800	0	1293.719	N.D. #

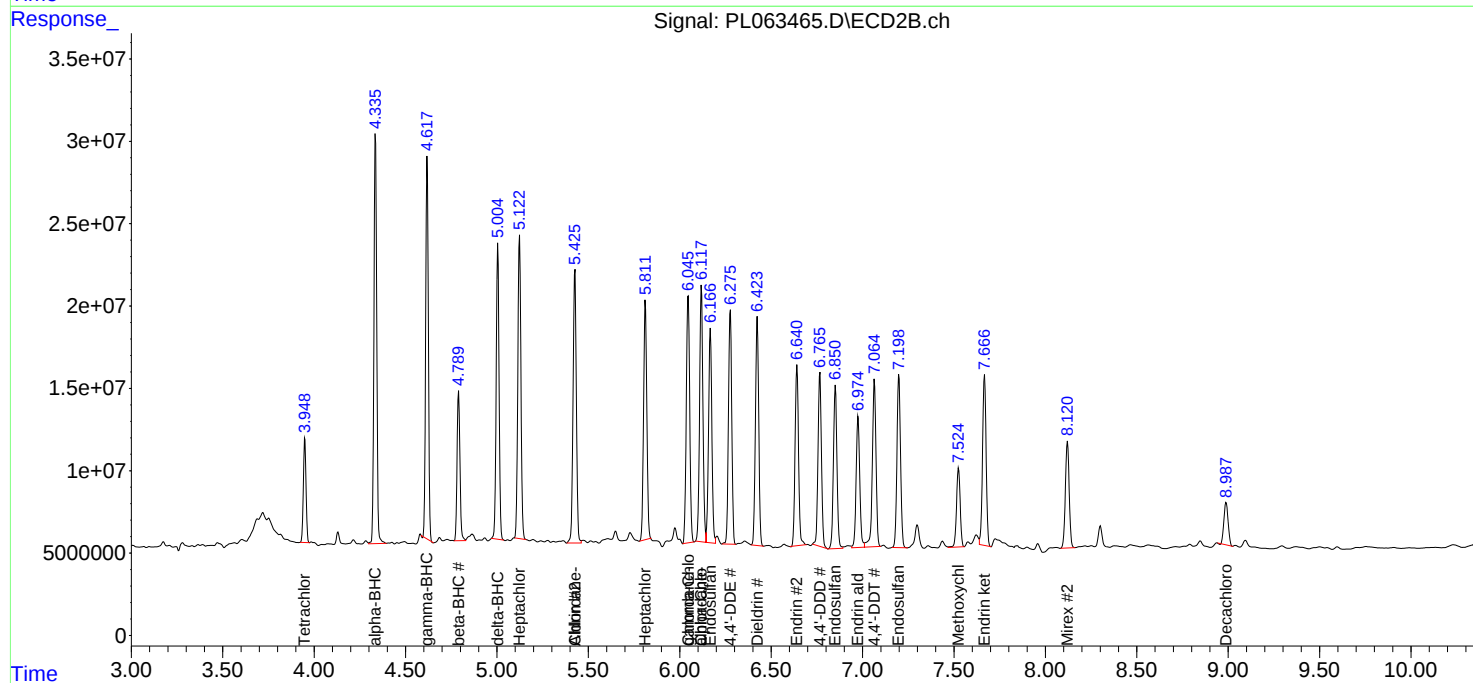
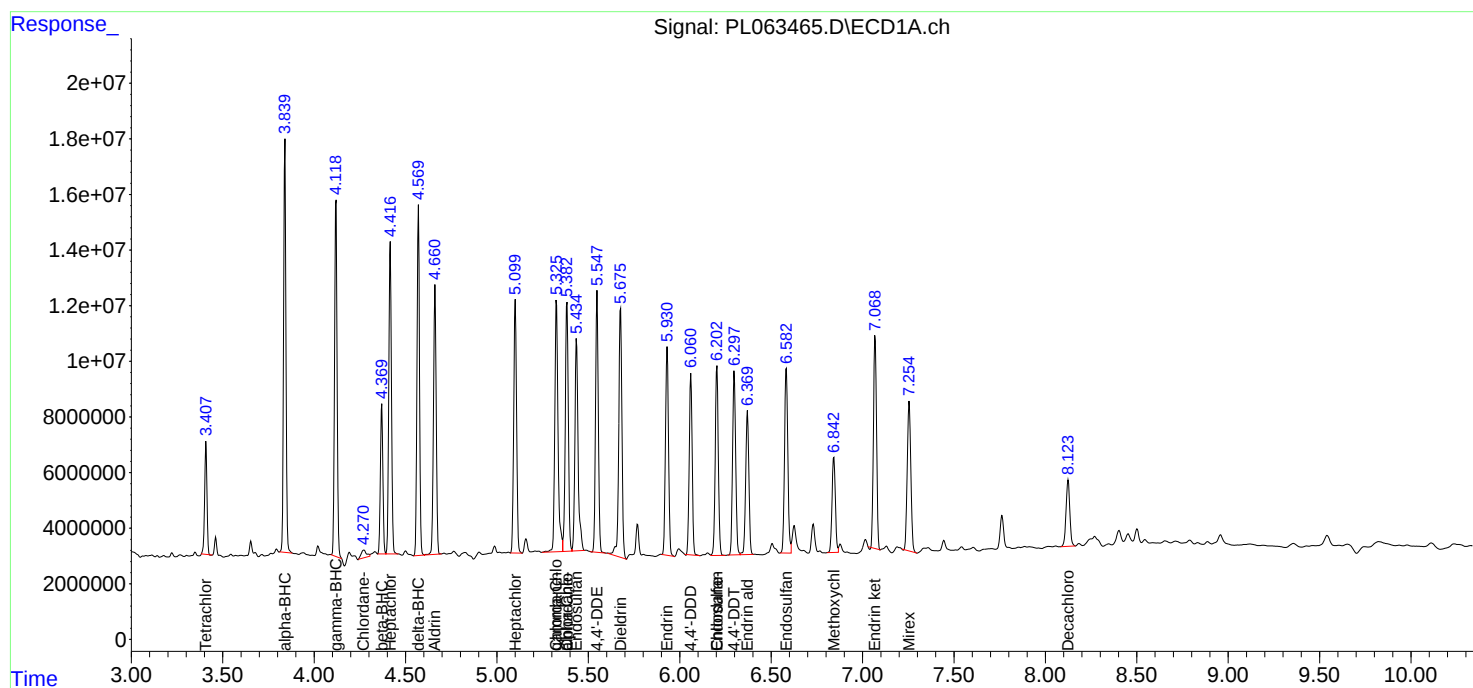
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

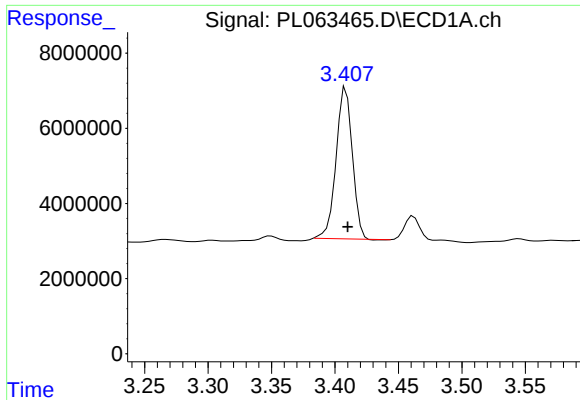
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121120\
Data File : PL063465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2020 14:49
Operator : DD\AJ
Sample : L4989-01MSD
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ALS Vial : 14 Sample Multiplier: 1

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BU-02-120920MSD

Integration File signal 1: autoint1.e
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Quant Time: Dec 11 04:55:01 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121020.M
Quant Title : GC Extractables
QLast Update : Thu Dec 10 15:57:40 2020
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

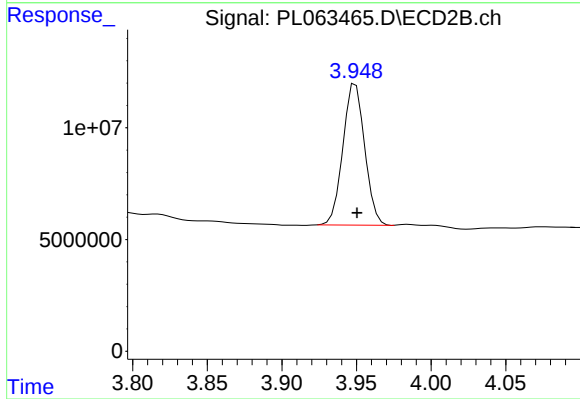




#1 Tetrachloro-m-xylene

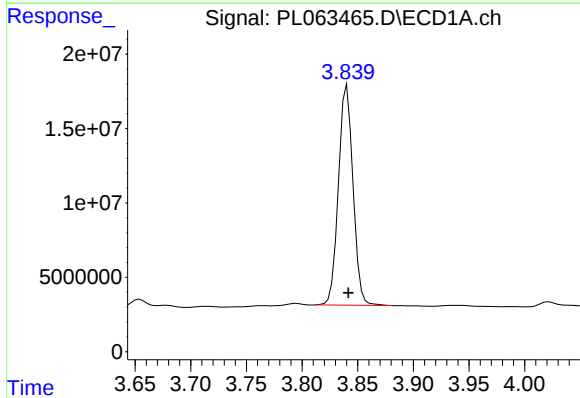
R.T.: 3.409 min
Delta R.T.: -0.001 min
Response: 35847661
Conc: 21.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



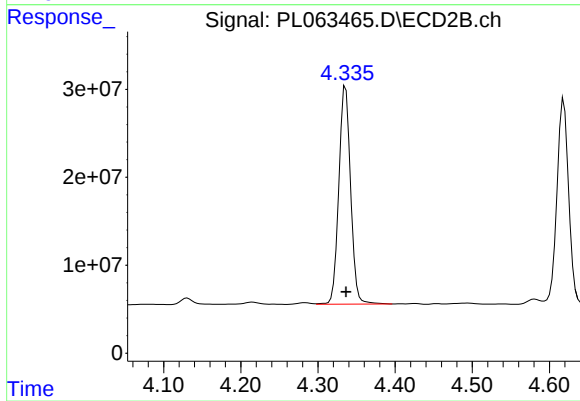
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 64397879
Conc: 20.55 ng/ml



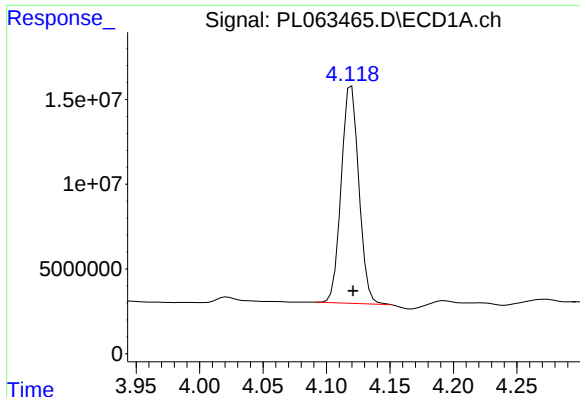
#2 alpha-BHC

R.T.: 3.840 min
Delta R.T.: -0.001 min
Response: 134574991
Conc: 53.69 ng/ml



#2 alpha-BHC

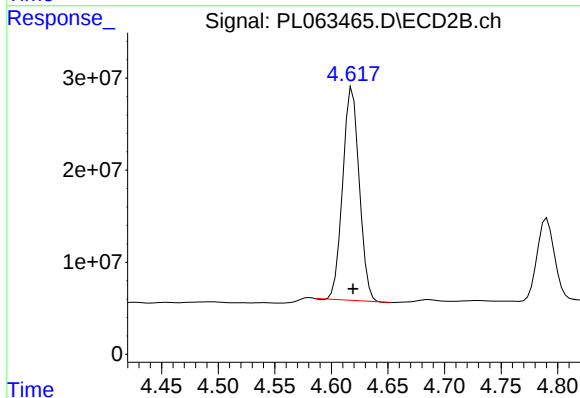
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 263744135
Conc: 55.72 ng/ml



#3 gamma-BHC (Lindane)

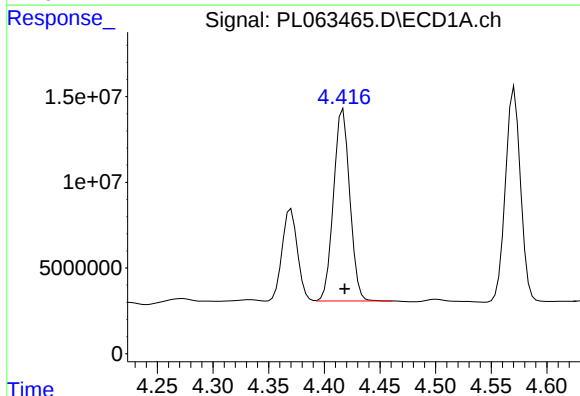
R.T.: 4.120 min
Delta R.T.: -0.001 min
Response: 123689239
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



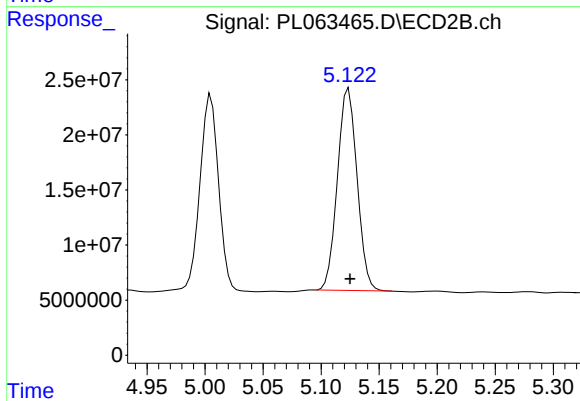
#3 gamma-BHC (Lindane)

R.T.: 4.619 min
Delta R.T.: 0.000 min
Response: 235199091
Conc: 52.76 ng/ml



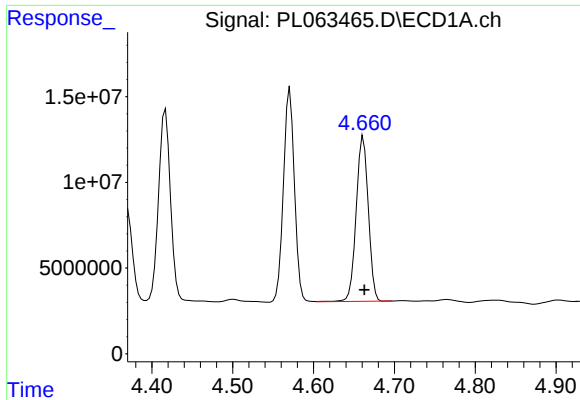
#4 Heptachlor

R.T.: 4.417 min
Delta R.T.: -0.001 min
Response: 113871863
Conc: 53.04 ng/ml



#4 Heptachlor

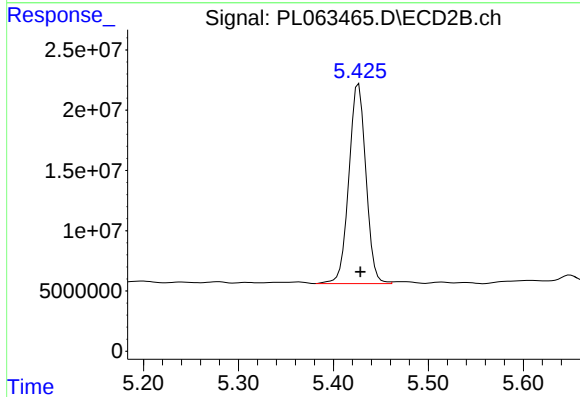
R.T.: 5.124 min
Delta R.T.: -0.001 min
Response: 216494548
Conc: 52.72 ng/ml



#5 Aldrin

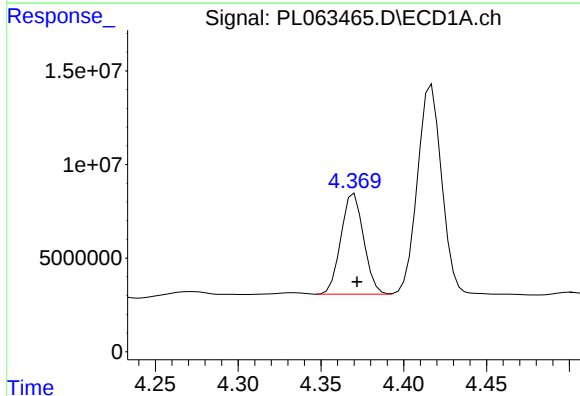
R.T.: 4.662 min
Delta R.T.: -0.001 min
Response: 100341926
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



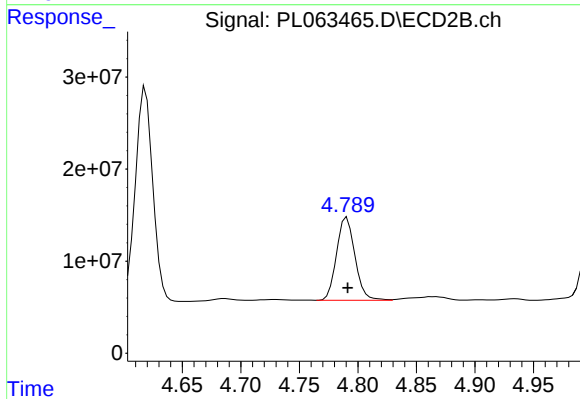
#5 Aldrin

R.T.: 5.427 min
Delta R.T.: -0.002 min
Response: 206560267
Conc: 53.39 ng/ml



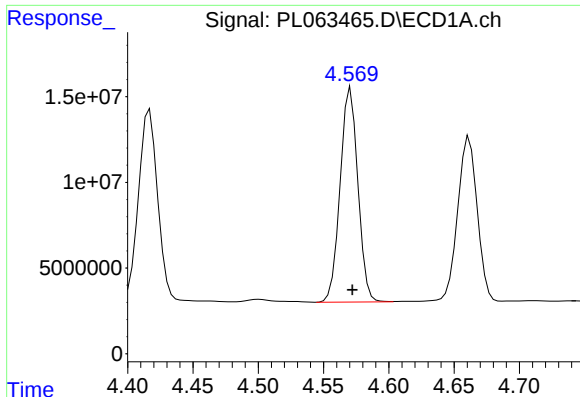
#6 beta-BHC

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 51285774
Conc: 52.82 ng/ml



#6 beta-BHC

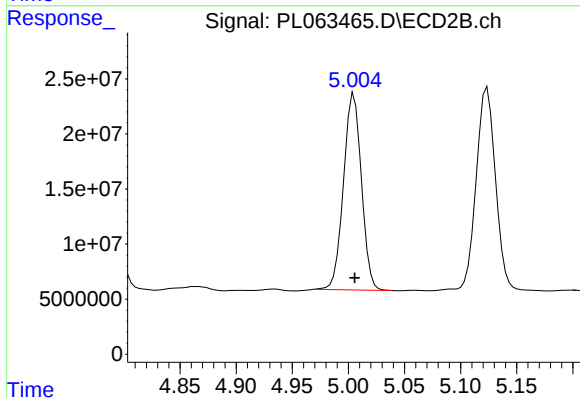
R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 98474920
Conc: 49.57 ng/ml



#7 delta-BHC

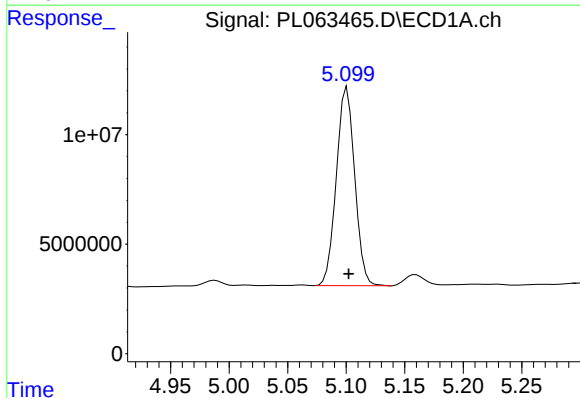
R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 118146025
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



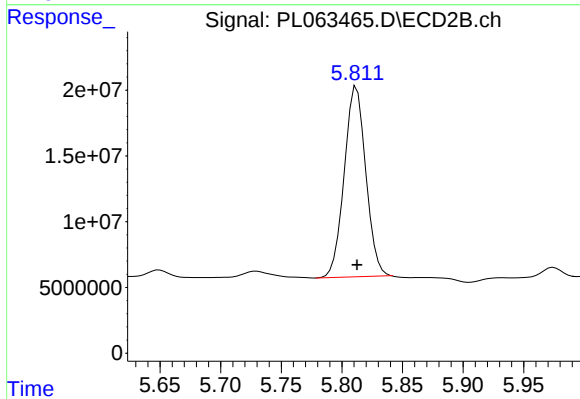
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 197842918
Conc: 48.88 ng/ml



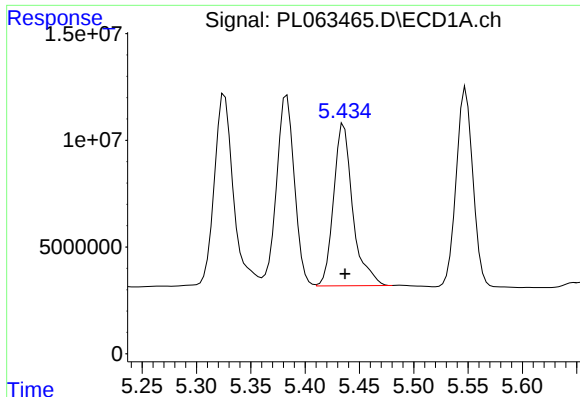
#8 Heptachlor epoxide

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 98941065
Conc: 53.18 ng/ml



#8 Heptachlor epoxide

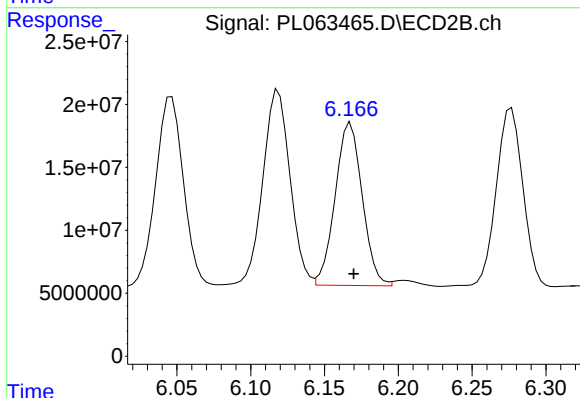
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 178784875
Conc: 49.36 ng/ml



#9 Endosulfan I

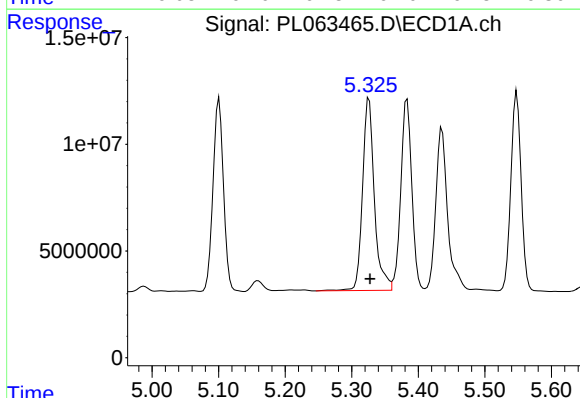
R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 93047221
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



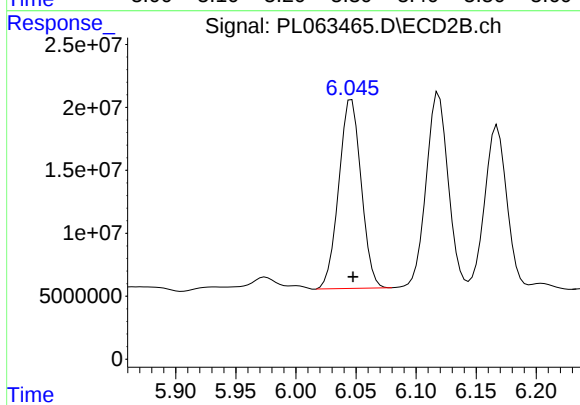
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 164937857
Conc: 49.42 ng/ml



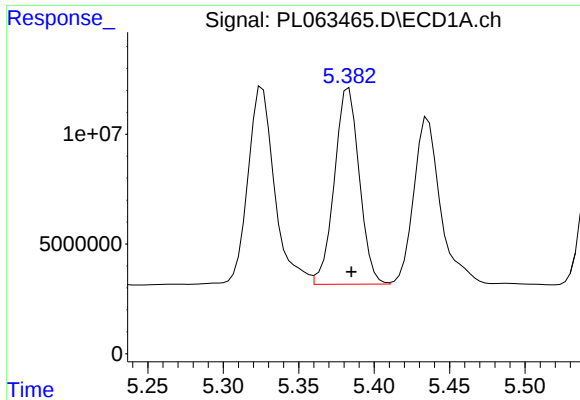
#10 gamma-Chlordane

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 111748903
Conc: 60.08 ng/ml



#10 gamma-Chlordane

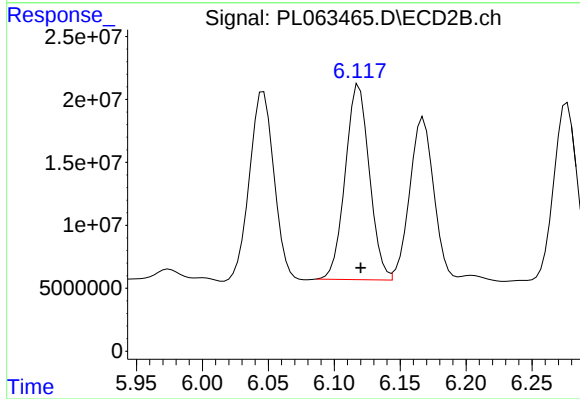
R.T.: 6.046 min
Delta R.T.: -0.001 min
Response: 194909808
Conc: 54.92 ng/ml



#11 alpha-Chlordane

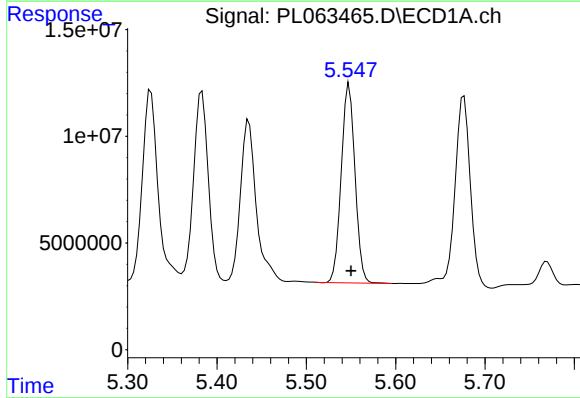
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 102653697
Conc: 55.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



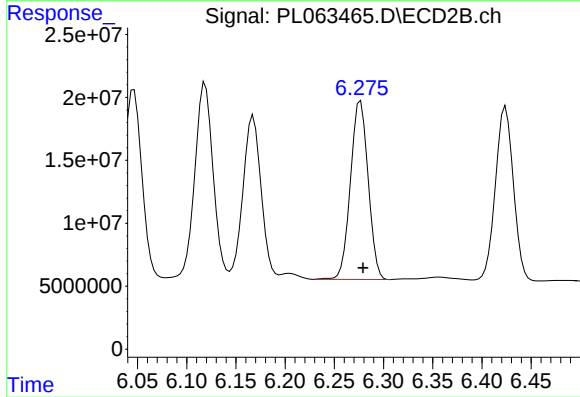
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 197415820
Conc: 55.70 ng/ml



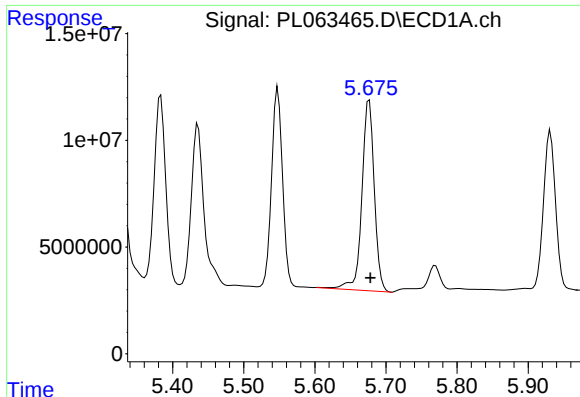
#12 4,4'-DDE

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 99592836
Conc: 58.64 ng/ml



#12 4,4'-DDE

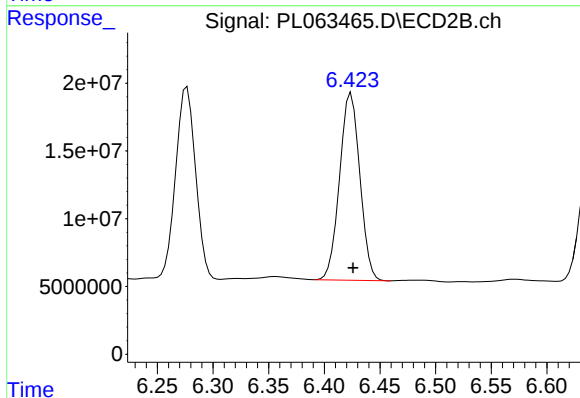
R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 177593393
Conc: 50.71 ng/ml



#13 Dieldrin

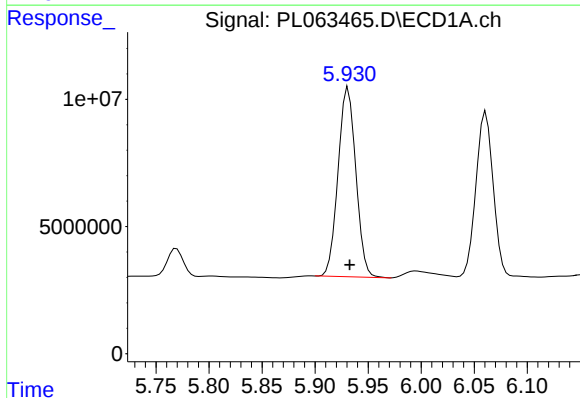
R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 108270820
Conc: 59.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



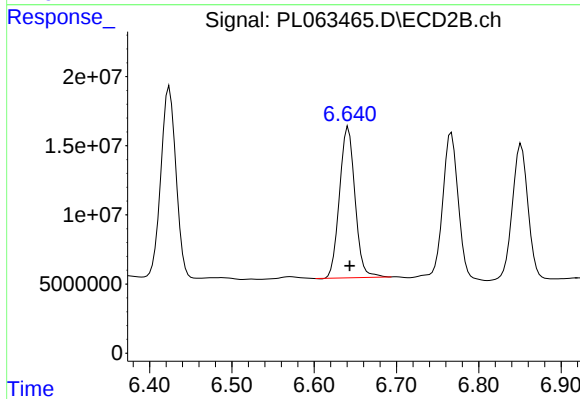
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 175216034
Conc: 51.00 ng/ml



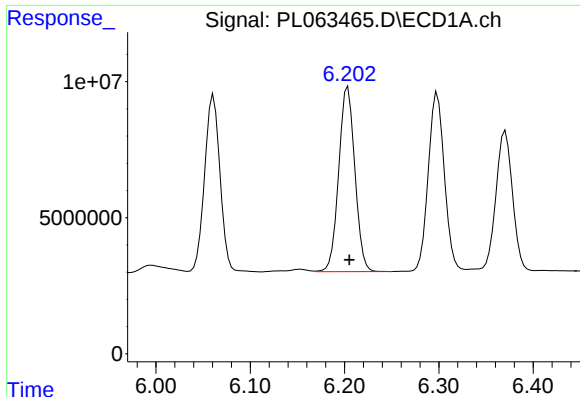
#14 Endrin

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 86775251
Conc: 51.70 ng/ml



#14 Endrin

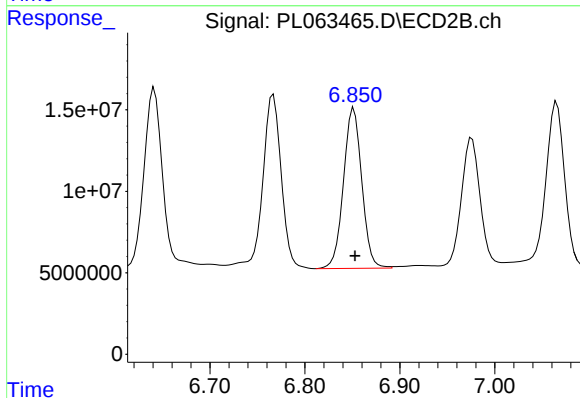
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 142783998
Conc: 48.81 ng/ml



#15 Endosulfan II

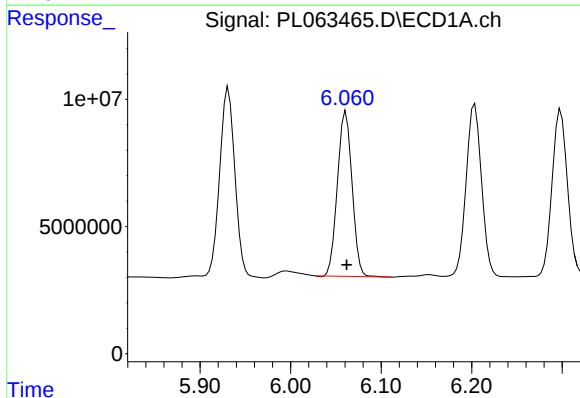
R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 80651800
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



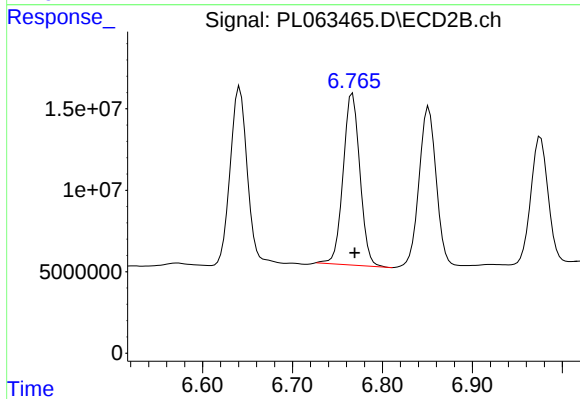
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: -0.001 min
Response: 131956495
Conc: 41.43 ng/ml



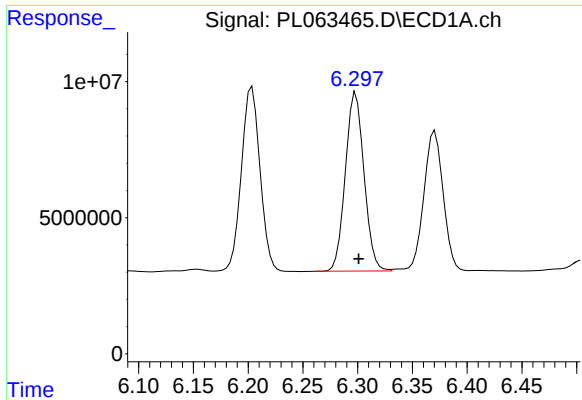
#16 4,4'-DDD

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 72805294
Conc: 48.50 ng/ml



#16 4,4'-DDD

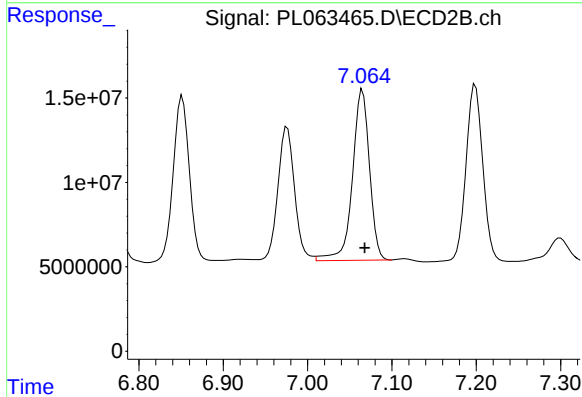
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 136607395
Conc: 50.40 ng/ml



#17 4,4'-DDT

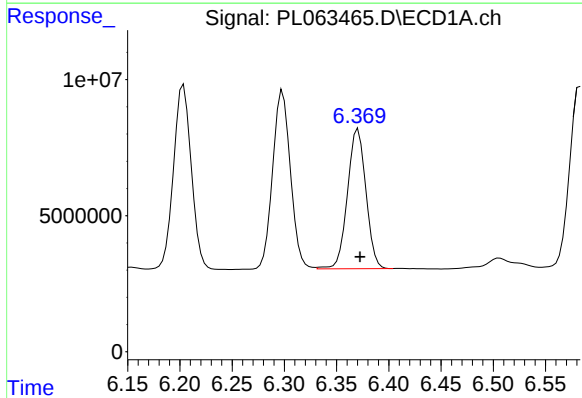
R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 77898480
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



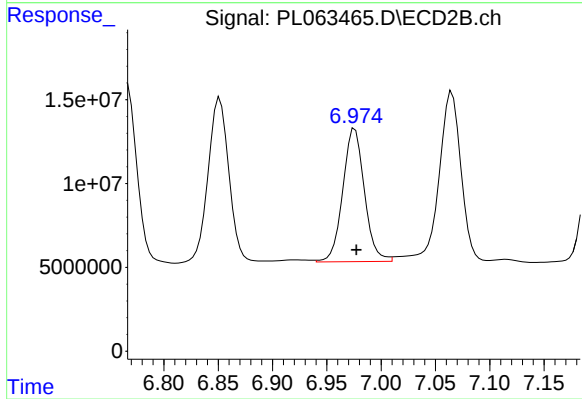
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 142041971
Conc: 55.55 ng/ml



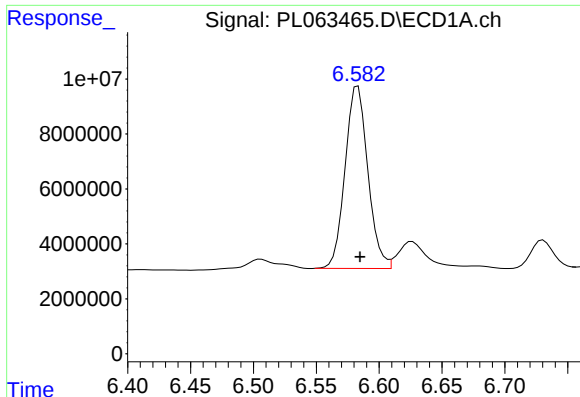
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: -0.002 min
Response: 63118119
Conc: 41.18 ng/ml



#18 Endrin aldehyde

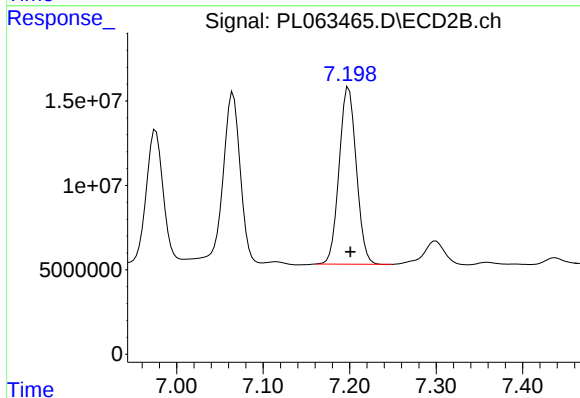
R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 110231552
Conc: 43.20 ng/ml



#19 Endosulfan Sulfate

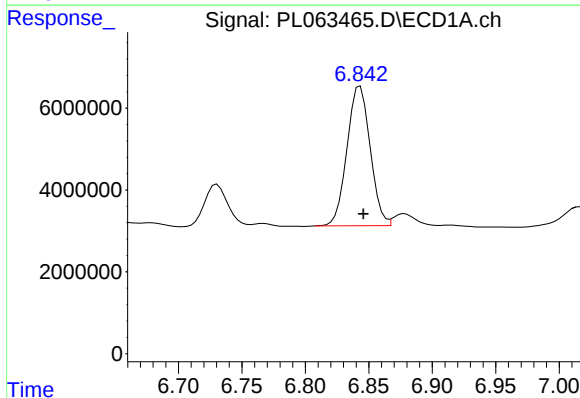
R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 83691261
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



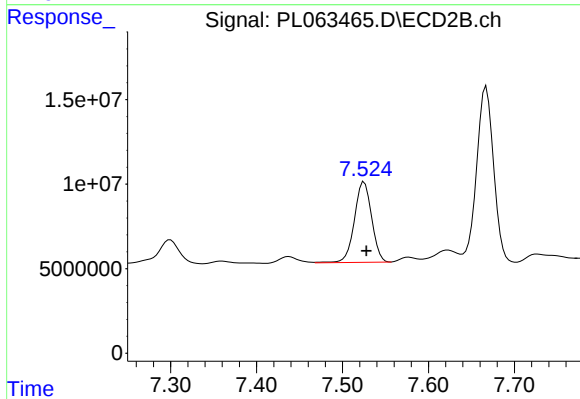
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: -0.002 min
Response: 143827752
Conc: 51.70 ng/ml



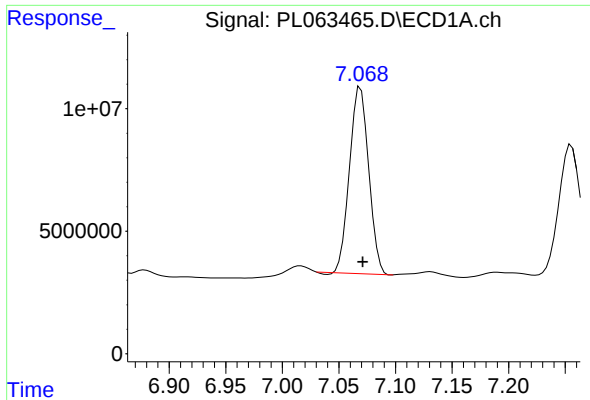
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: -0.002 min
Response: 43303170
Conc: 48.67 ng/ml



#20 Methoxychlor

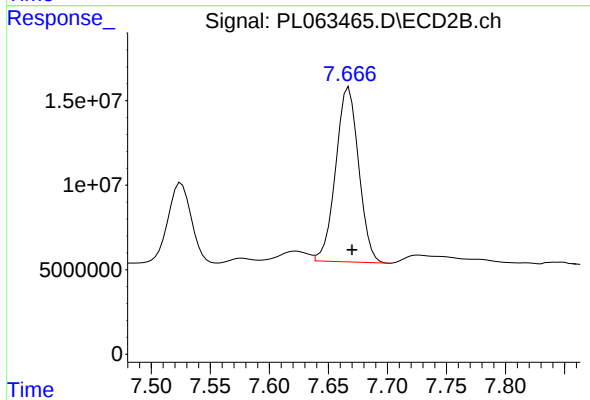
R.T.: 7.525 min
Delta R.T.: -0.002 min
Response: 66274477
Conc: 47.52 ng/ml



#21 Endrin ketone

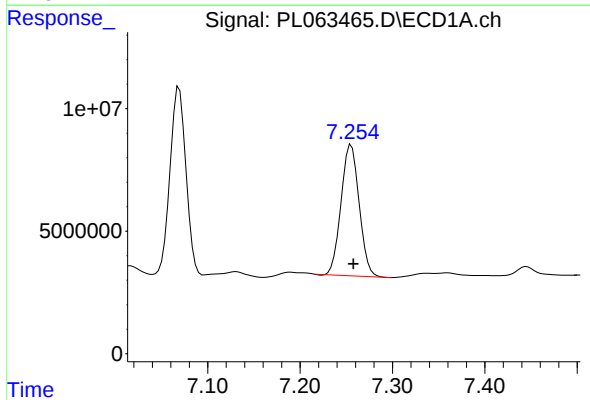
R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 90002777
Conc: 45.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



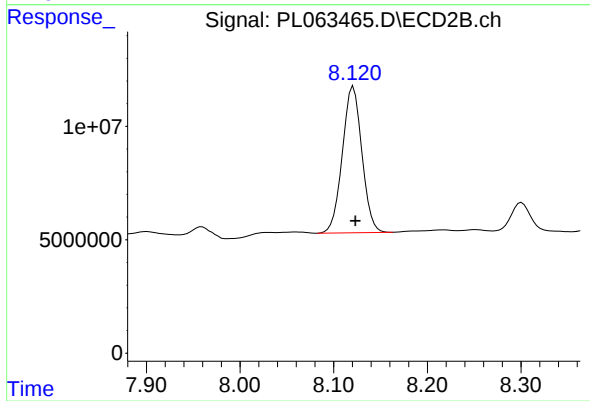
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 139987064
Conc: 47.99 ng/ml



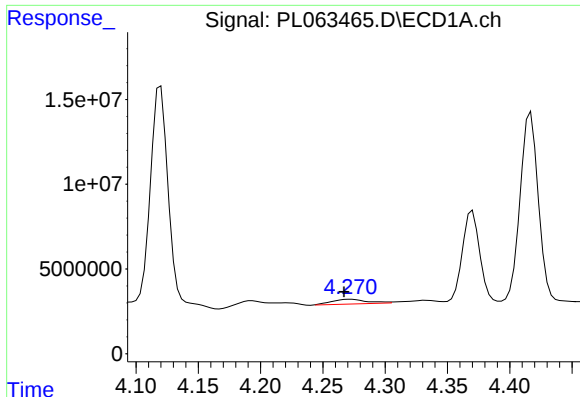
#22 Mirex

R.T.: 7.255 min
Delta R.T.: -0.002 min
Response: 72677452
Conc: 45.78 ng/ml



#22 Mirex

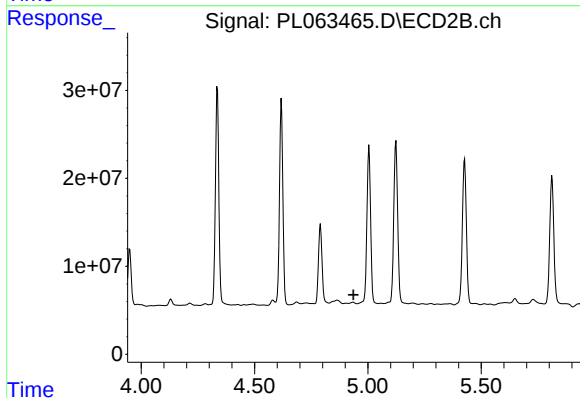
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 93525139
Conc: 46.94 ng/ml



#23 Chlordane-1

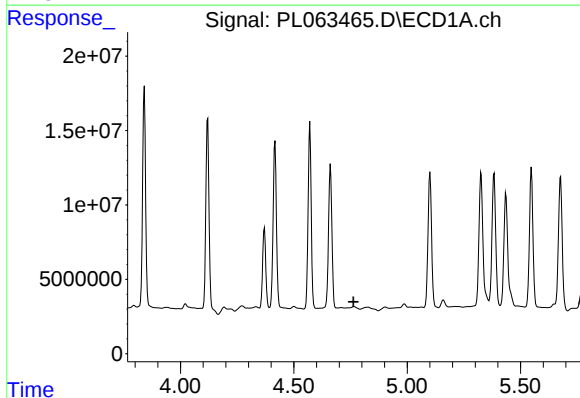
R.T.: 4.273 min
Delta R.T.: 0.005 min
Response: 5525251
Conc: 101.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



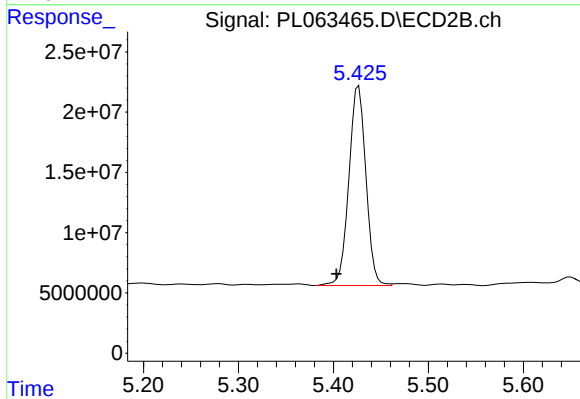
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



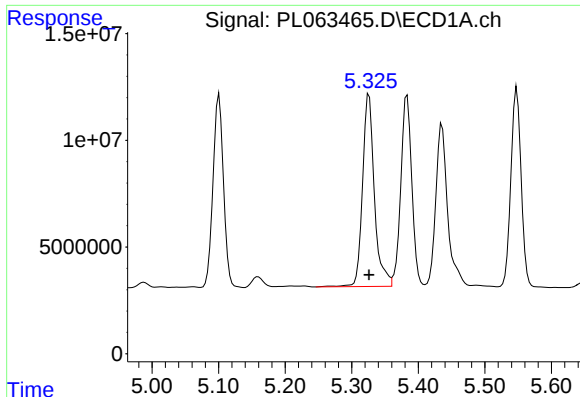
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



#24 Chlordane-2

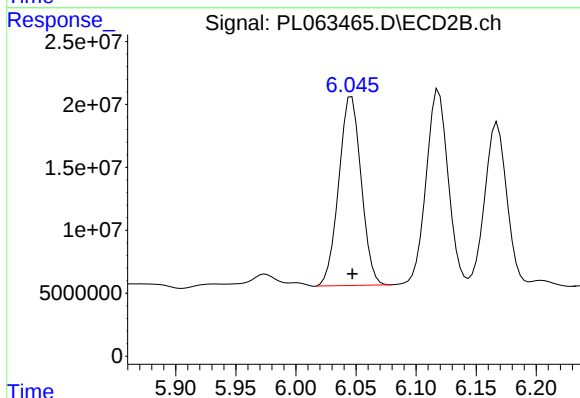
R.T.: 5.427 min
Delta R.T.: 0.023 min
Response: 206560267
Conc: 1636.71 ng/ml



#25 Chlordane-3

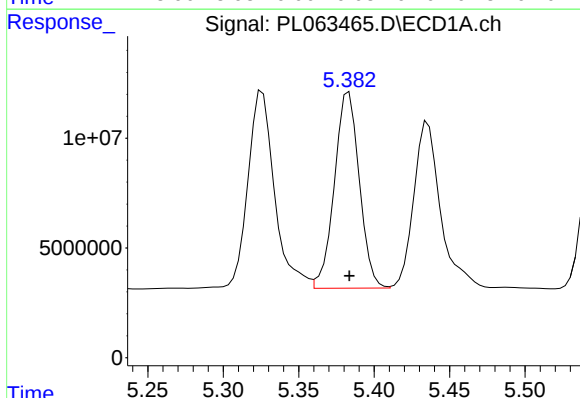
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 111748903
Conc: 644.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



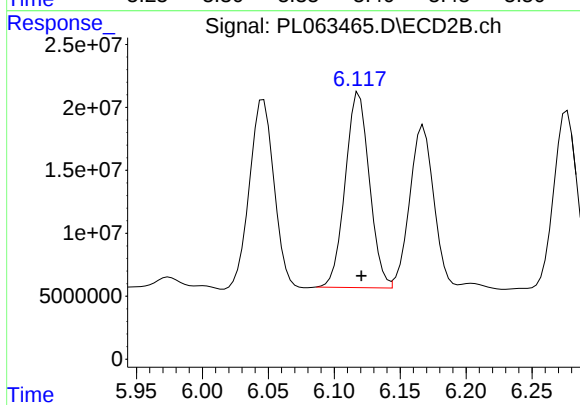
#25 Chlordane-3

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 194909808
Conc: 423.00 ng/ml



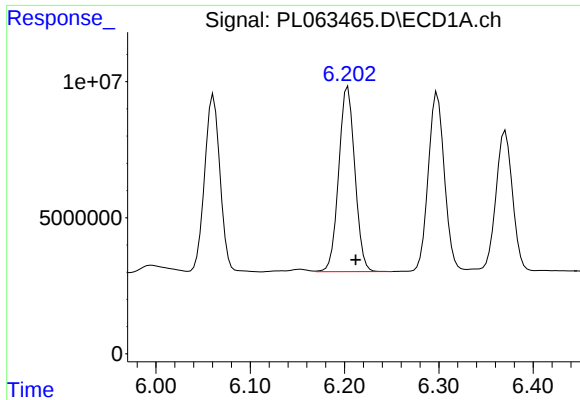
#26 Chlordane-4

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 102653697
Conc: 701.79 ng/ml



#26 Chlordane-4

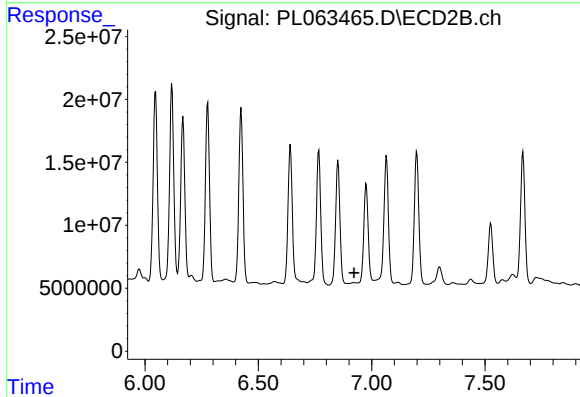
R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 197415820
Conc: 360.07 ng/ml



#27 Chlordane-5

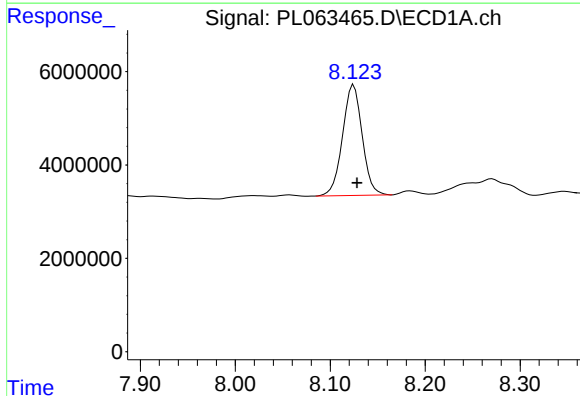
R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 80651800
Conc: 1293.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-02-120920MSD



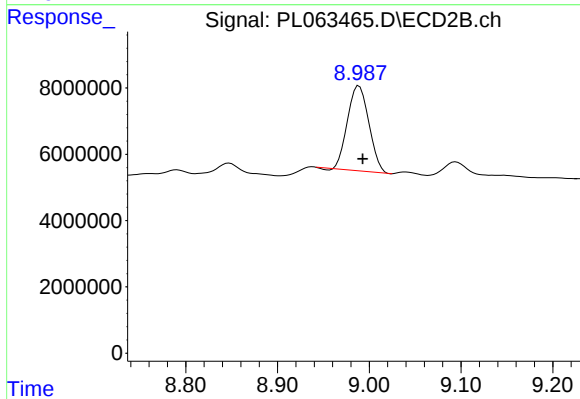
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 34102016
Conc: 16.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.989 min
Delta R.T.: -0.004 min
Response: 41357970
Conc: 16.42 ng/ml