

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021521\
 Data File : PL064802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2021 14:13
 Operator : AR\AJ
 Sample : M1402-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RO-RBR-200058MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 14:42:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 09 04:41:29 2021
 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...	3.425	4.100	40349408	32629497	14.341	15.105
28)	SA Decachlor...	8.146	9.257	23471407	21464656	10.437	11.301
Target Compounds							
2)	A alpha-BHC	3.858	4.502	242.2E6	169.9E6	52.228	56.104
3)	MA gamma-BHC...	4.138	4.794	220.5E6	144.1E6	51.011	50.732
4)	MA Heptachlor	4.435	5.305	203.1E6	149.3E6	49.537	50.403
5)	MB Aldrin	4.680	5.615	179.8E6	130.2E6	48.296	53.108
6)	B beta-BHC	4.389	4.973	84557989	66661659	49.473	50.995
7)	B delta-BHC	4.590	5.194	208.1E6	134.9E6	51.483	49.936
8)	B Heptachlo...	5.121	6.010	173.8E6	107.4E6	50.060	48.681
9)	A Endosulfan I	5.455	6.372	156.6E6	108.3E6	48.846	51.641
10)	B gamma-Chl...	5.346	6.246	181.3E6	118.2E6	51.698	51.135
11)	B alpha-Chl...	5.404	6.317	174.0E6	119.3E6	50.224	51.825
12)	B 4,4'-DDE	5.570	6.475	157.9E6	104.1E6	50.465	51.340
13)	MA Dieldrin	5.697	6.632	166.0E6	106.0E6	50.597	49.600
14)	MA Endrin	5.952	6.854	151.1E6	90528491	50.318	50.077
15)	B Endosulfa...	6.225	7.069	144.4E6	91094056	50.145	48.343
16)	A 4,4'-DDD	6.082	6.973	127.0E6	94166546	50.131	54.319
17)	MA 4,4'-DDT	6.321	7.273	115.9E6	77717085	51.376	50.973
18)	B Endrin al...	6.393	7.195	117.6E6	78838573	48.221	48.415
19)	B Endosulfa...	6.606	7.419	136.7E6	88779235	48.192	49.333
20)	A Methoxychlor	6.868	7.734	59571742	43413461	46.007	48.026
21)	B Endrin ke...	7.092	7.898	141.1E6	91089231	49.197	47.649
22)	Mirex	7.274	8.348	104.5E6	69990184	49.442	50.352
23)	Chlordane-1	4.313f	0.000	6839899	0	60.170	N.D. #
24)	Chlordane-2	0.000	5.615f	0	130.2E6	N.D.	1493.689 #
25)	Chlordane-3	5.346	6.246	181.3E6	118.2E6	551.636	386.496 #
26)	Chlordane-4	5.404	6.317	174.0E6	119.3E6	632.218	322.048 #
27)	Chlordane-5	6.225	0.000	144.4E6	0	1427.101	N.D. #

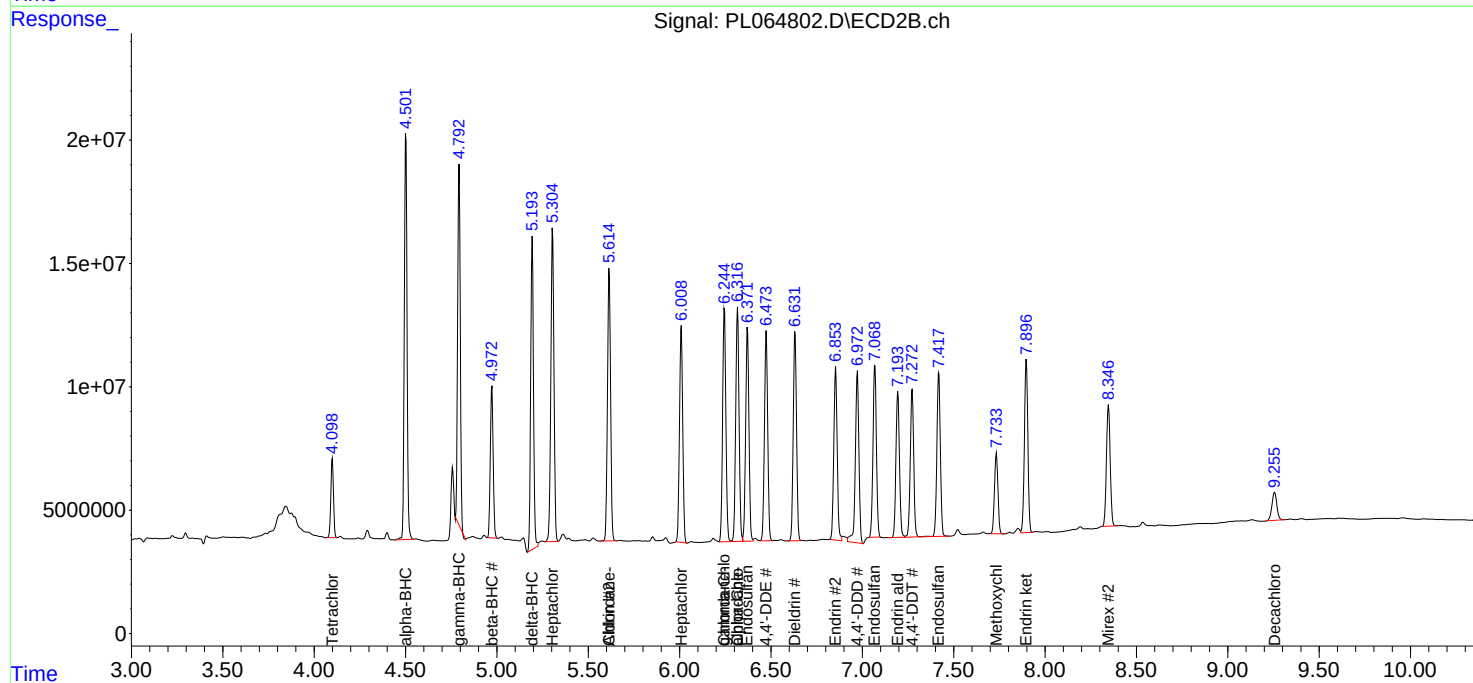
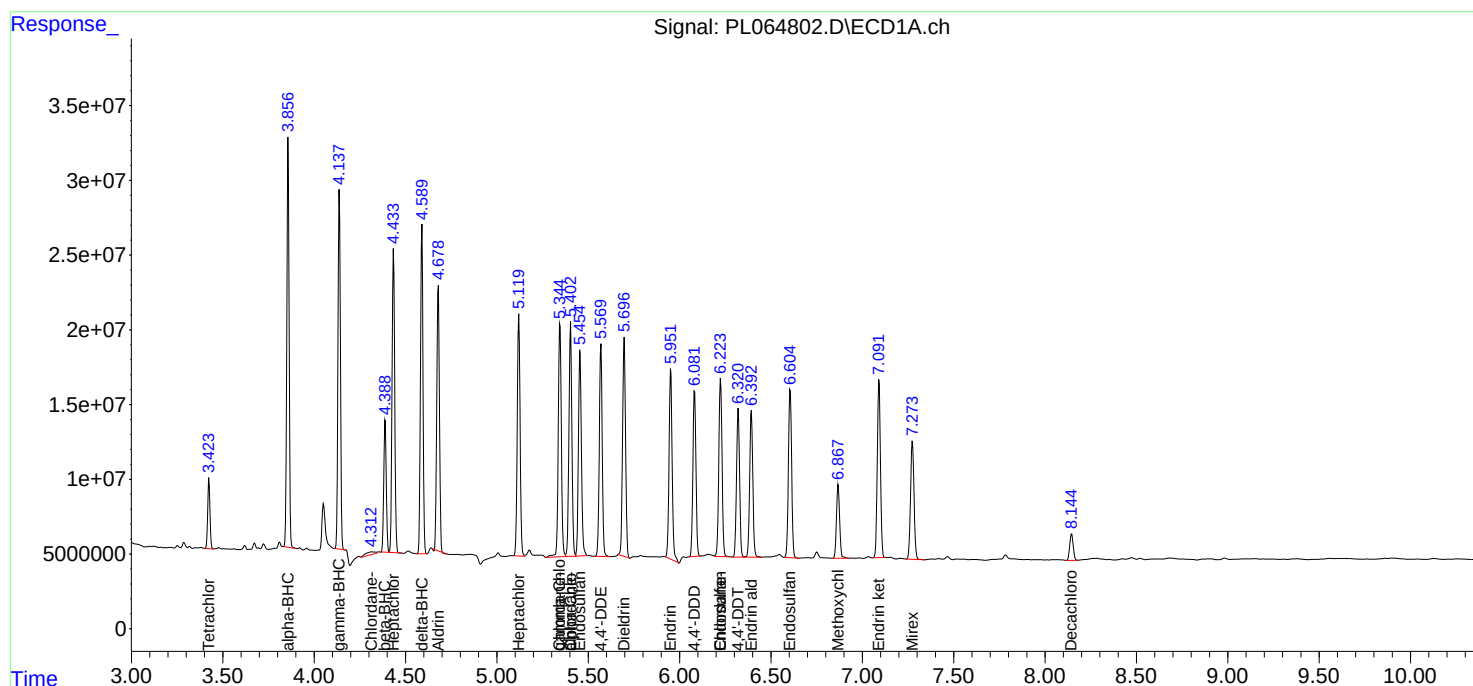
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

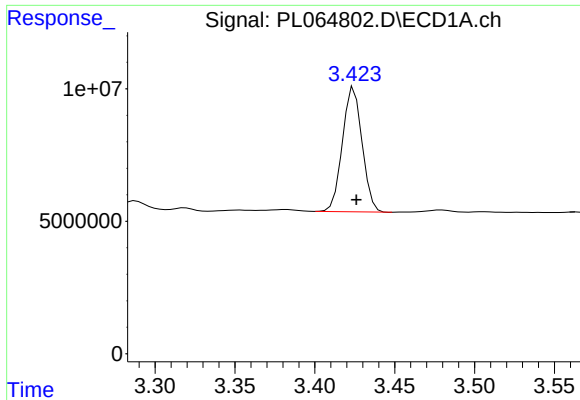
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021521\
Data File : PL064802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2021 14:13
Operator : AR\AJ
Sample : M1402-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RO-RBR-200058MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 14:42:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020821.M
Quant Title : GC Extractables
QLast Update : Tue Feb 09 04:41:29 2021
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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

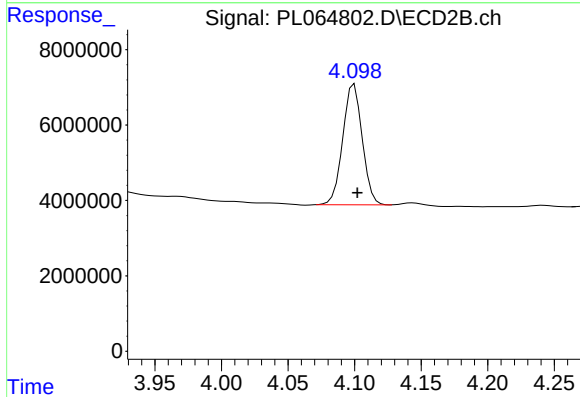




#1 Tetrachloro-m-xylene

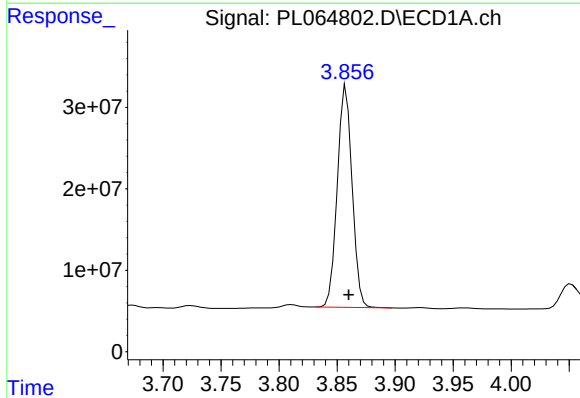
R.T.: 3.425 min
Delta R.T.: -0.001 min
Response: 40349408
Conc: 14.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



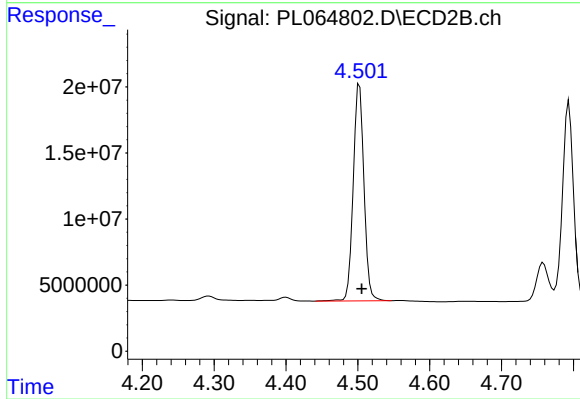
#1 Tetrachloro-m-xylene

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 32629497
Conc: 15.10 ng/ml



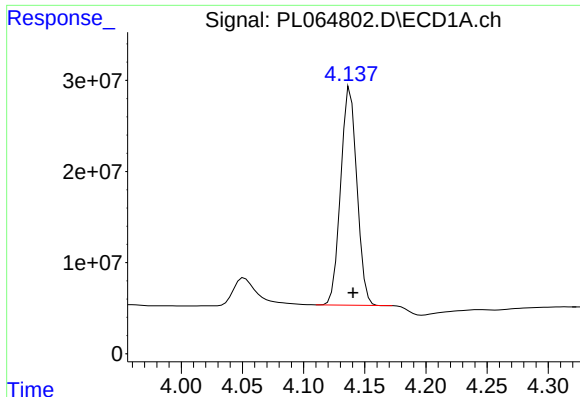
#2 alpha-BHC

R.T.: 3.858 min
Delta R.T.: -0.002 min
Response: 242208594
Conc: 52.23 ng/ml



#2 alpha-BHC

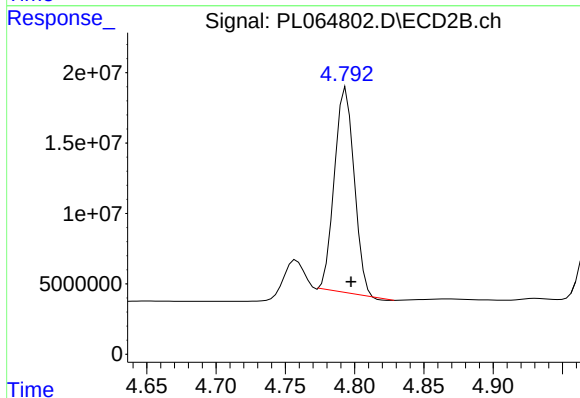
R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 169936068
Conc: 56.10 ng/ml



#3 gamma-BHC (Lindane)

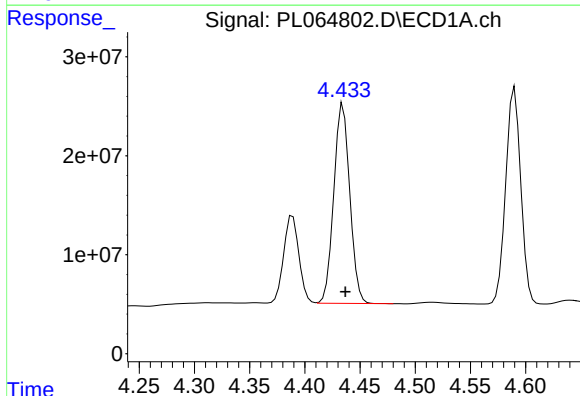
R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 220545048
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



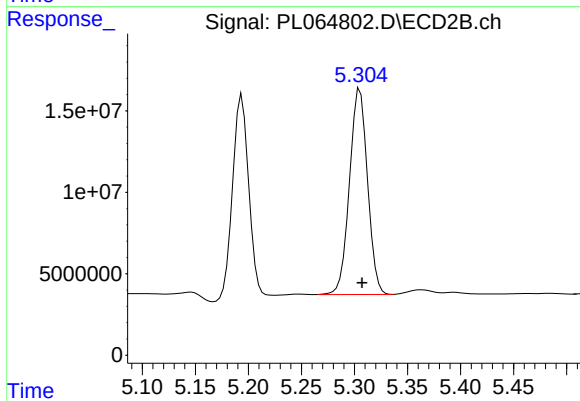
#3 gamma-BHC (Lindane)

R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 144101782
Conc: 50.73 ng/ml



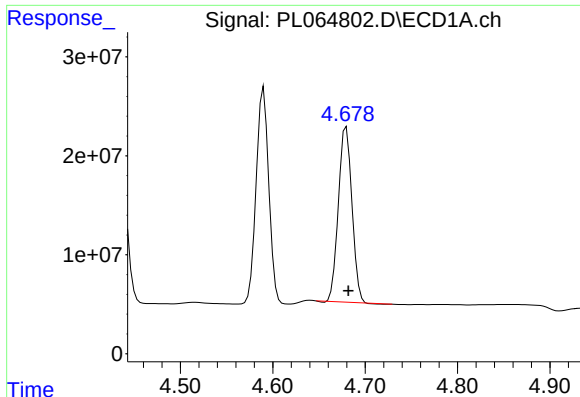
#4 Heptachlor

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 203109598
Conc: 49.54 ng/ml



#4 Heptachlor

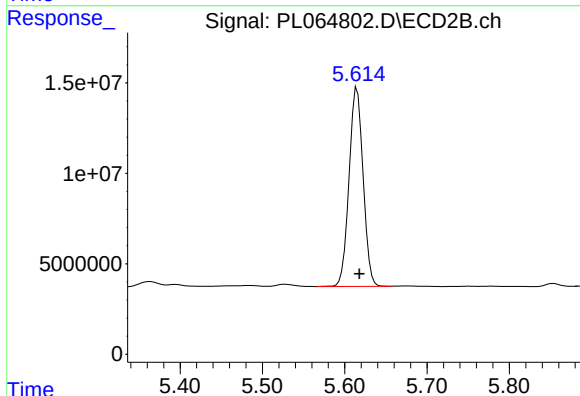
R.T.: 5.305 min
Delta R.T.: -0.002 min
Response: 149320734
Conc: 50.40 ng/ml



#5 Aldrin

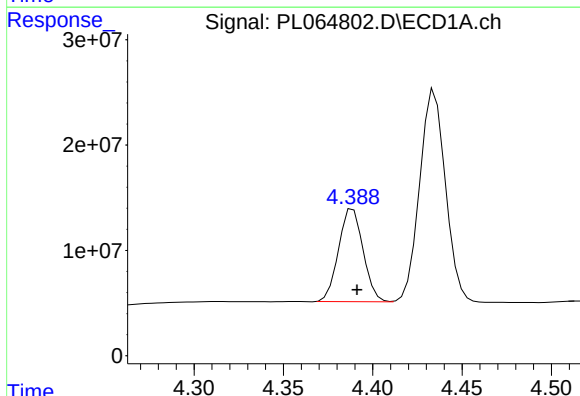
R.T.: 4.680 min
Delta R.T.: -0.002 min
Response: 179834811
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



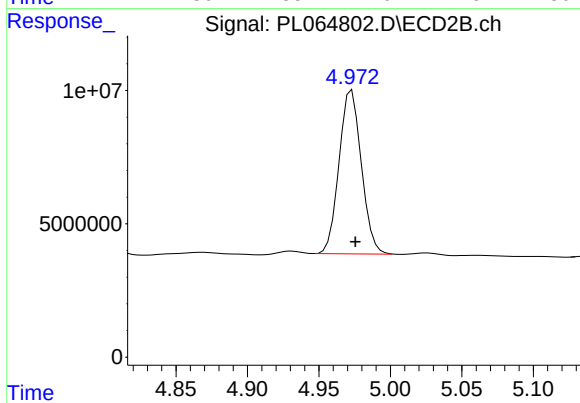
#5 Aldrin

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 130241107
Conc: 53.11 ng/ml



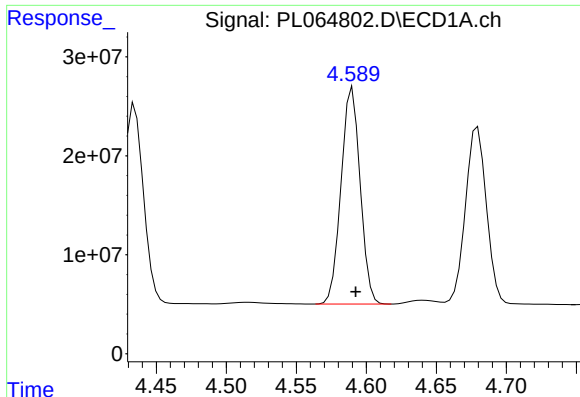
#6 beta-BHC

R.T.: 4.389 min
Delta R.T.: -0.002 min
Response: 84557989
Conc: 49.47 ng/ml



#6 beta-BHC

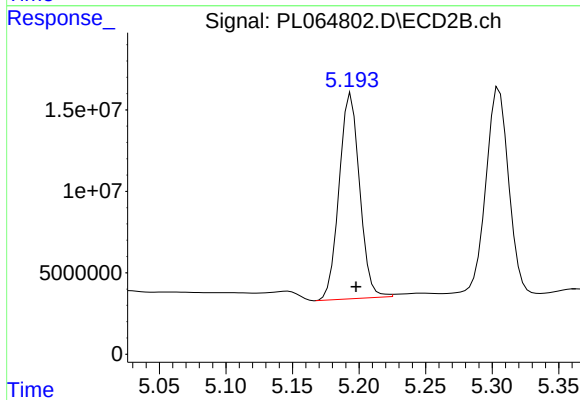
R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 66661659
Conc: 50.99 ng/ml



#7 delta-BHC

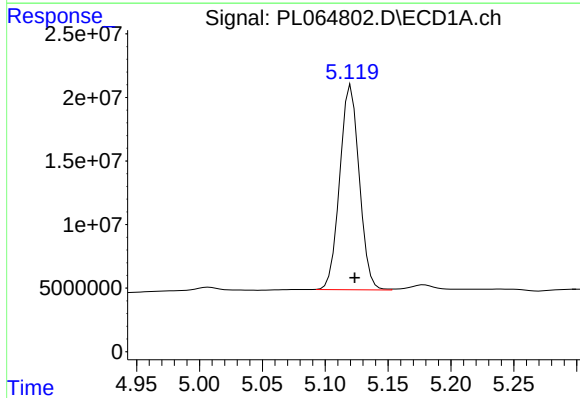
R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 208106879
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



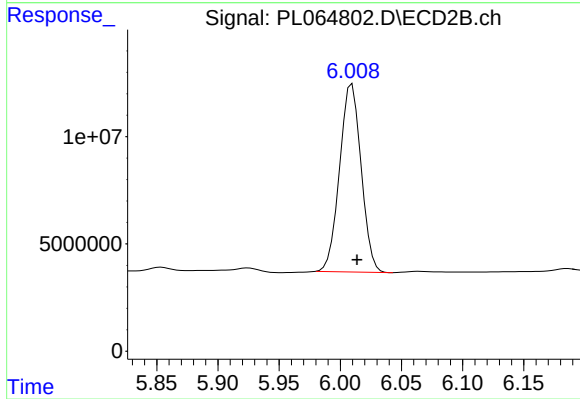
#7 delta-BHC

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 134916057
Conc: 49.94 ng/ml



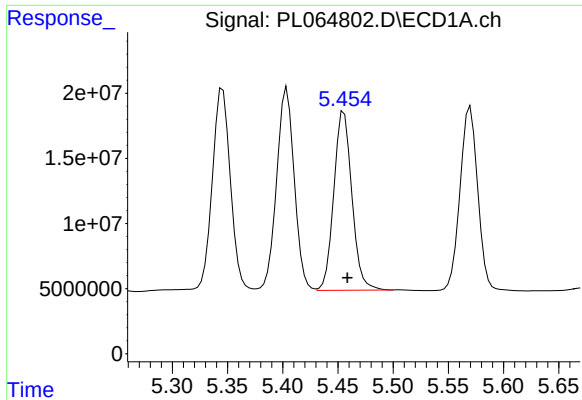
#8 Heptachlor epoxide

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 173803632
Conc: 50.06 ng/ml



#8 Heptachlor epoxide

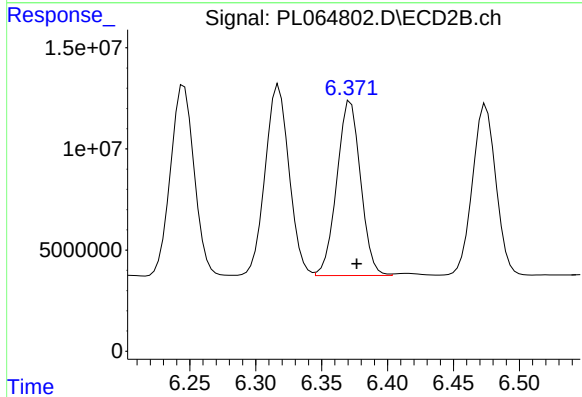
R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 107404549
Conc: 48.68 ng/ml



#9 Endosulfan I

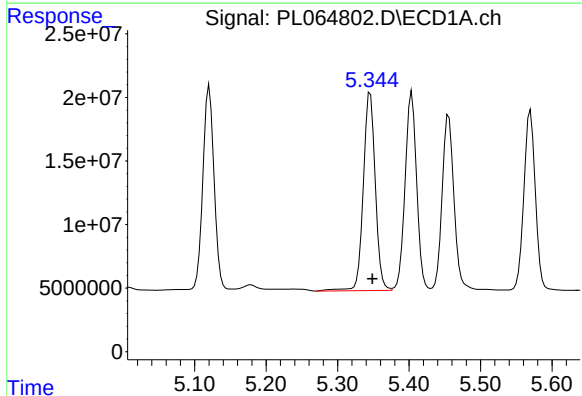
R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 156645082
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



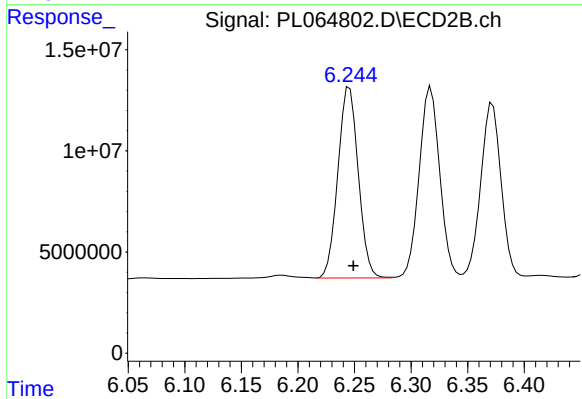
#9 Endosulfan I

R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 108314641
Conc: 51.64 ng/ml



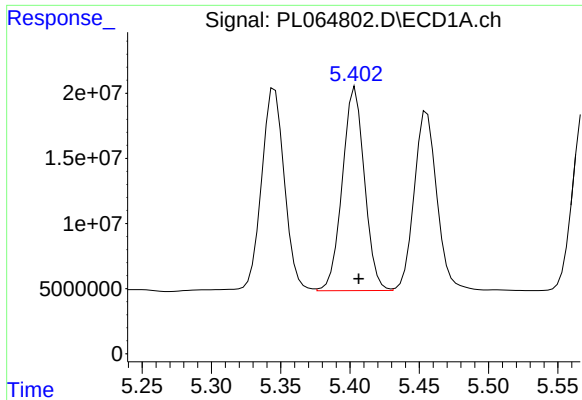
#10 gamma-Chlordane

R.T.: 5.346 min
Delta R.T.: -0.003 min
Response: 181275713
Conc: 51.70 ng/ml



#10 gamma-Chlordane

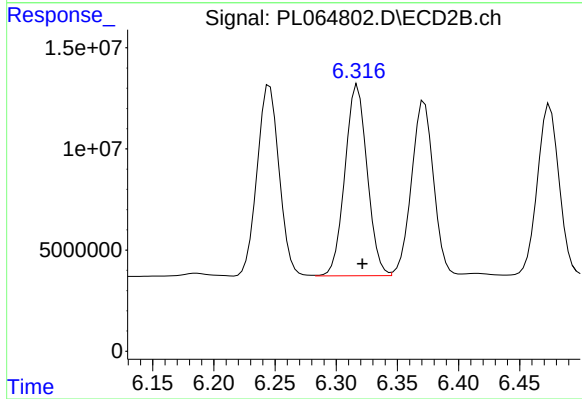
R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 118174188
Conc: 51.14 ng/ml



#11 alpha-Chlordane

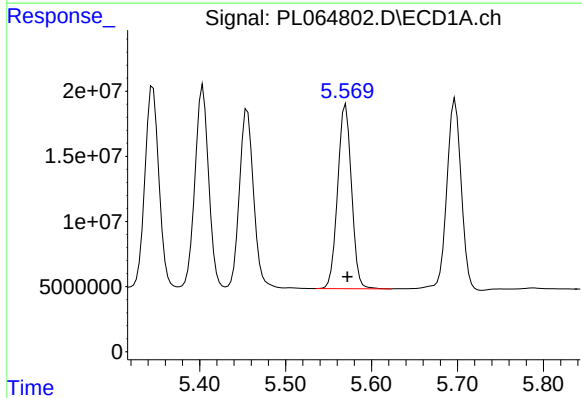
R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 173951864
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



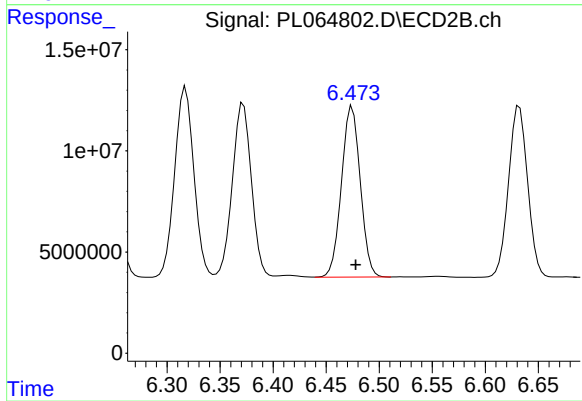
#11 alpha-Chlordane

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 119311609
Conc: 51.82 ng/ml



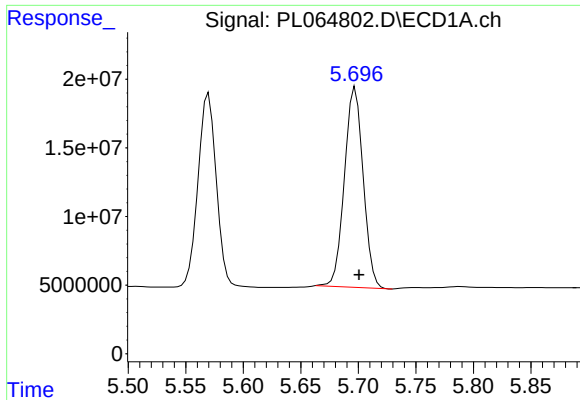
#12 4,4'-DDE

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 157927355
Conc: 50.47 ng/ml



#12 4,4'-DDE

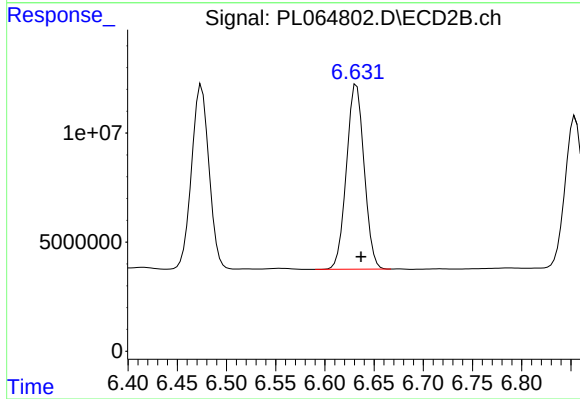
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 104119225
Conc: 51.34 ng/ml



#13 Dieldrin

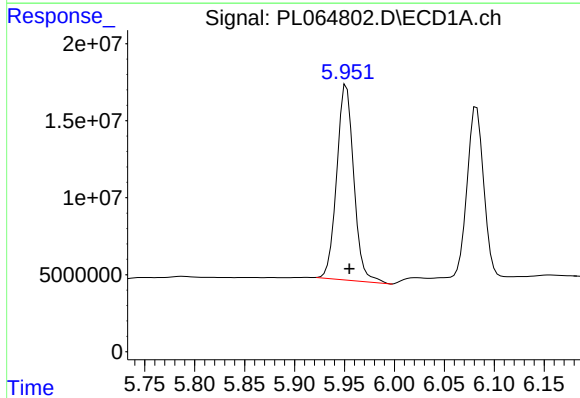
R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 165966358
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



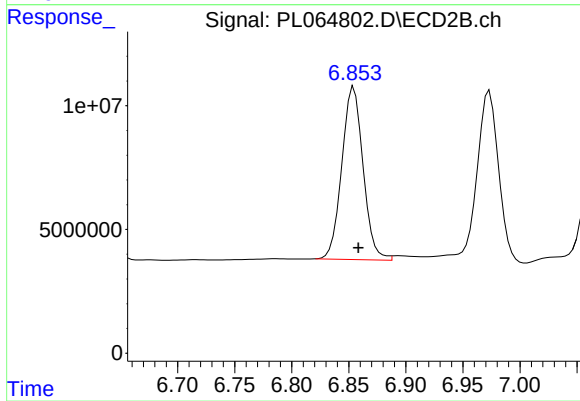
#13 Dieldrin

R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 106029074
Conc: 49.60 ng/ml



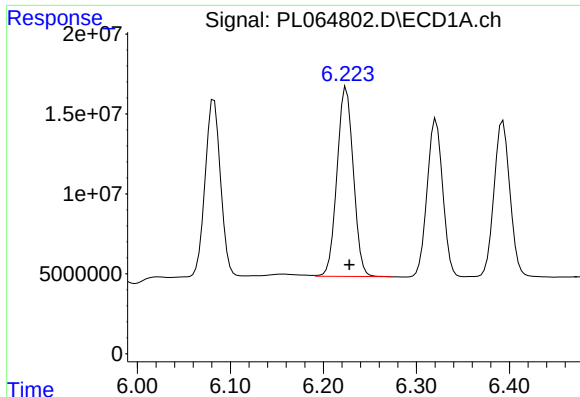
#14 Endrin

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 151124288
Conc: 50.32 ng/ml



#14 Endrin

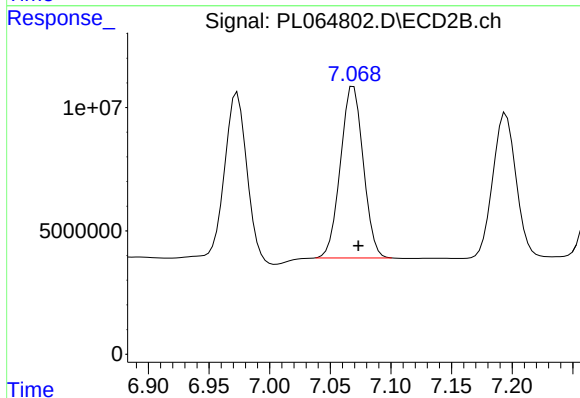
R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 90528491
Conc: 50.08 ng/ml



#15 Endosulfan II

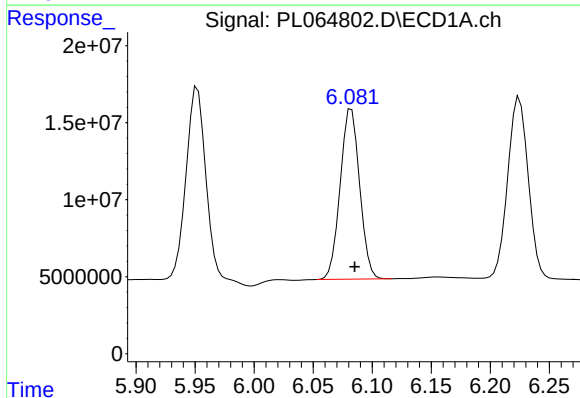
R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 144392206
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



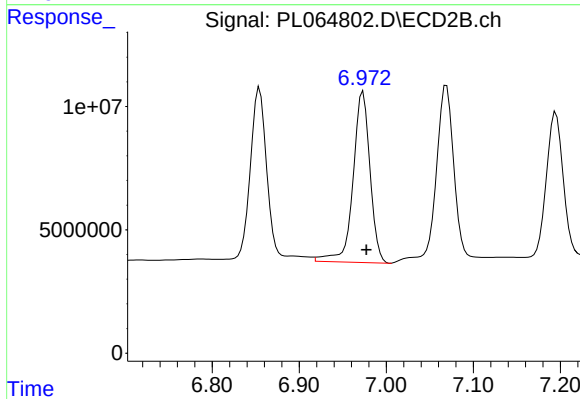
#15 Endosulfan II

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 91094056
Conc: 48.34 ng/ml



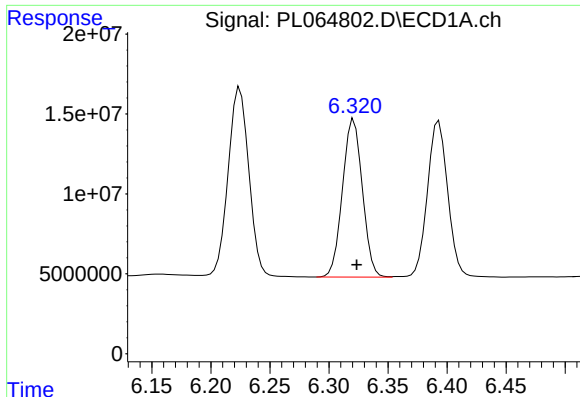
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 126960812
Conc: 50.13 ng/ml



#16 4,4'-DDD

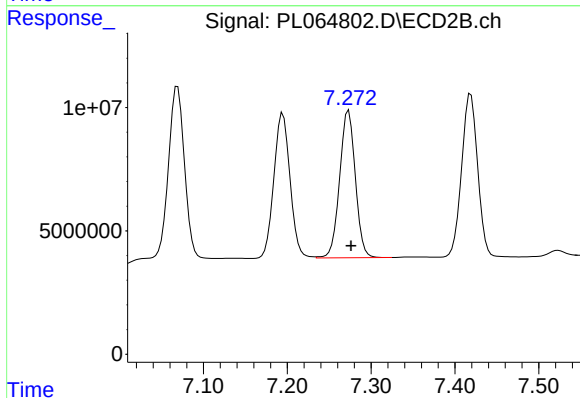
R.T.: 6.973 min
Delta R.T.: -0.004 min
Response: 94166546
Conc: 54.32 ng/ml



#17 4,4'-DDT

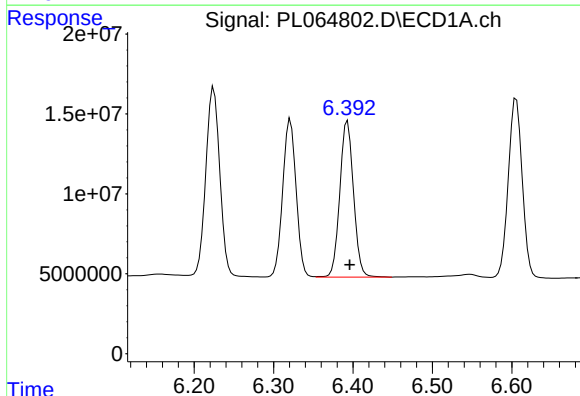
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 115851824
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



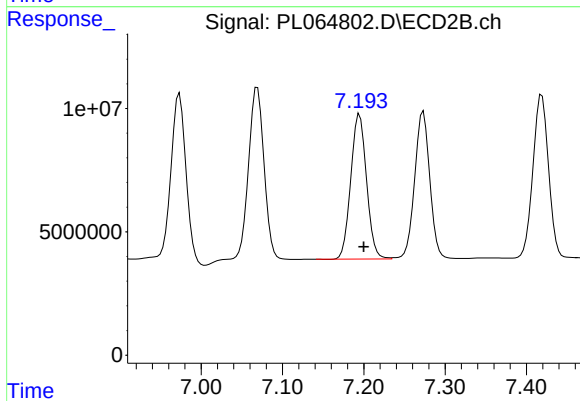
#17 4,4'-DDT

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 77717085
Conc: 50.97 ng/ml



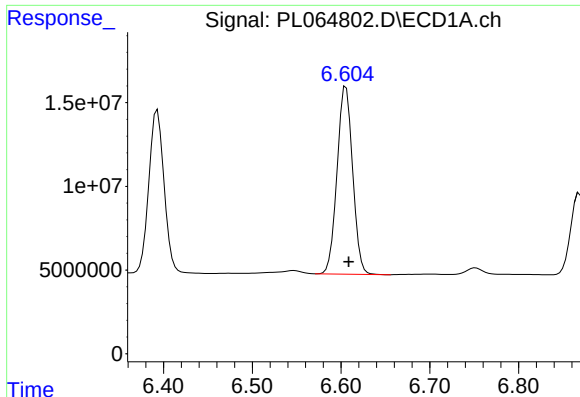
#18 Endrin aldehyde

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 117571476
Conc: 48.22 ng/ml



#18 Endrin aldehyde

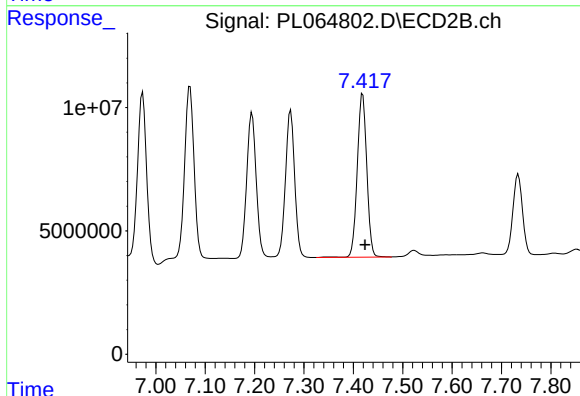
R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 78838573
Conc: 48.42 ng/ml



#19 Endosulfan Sulfate

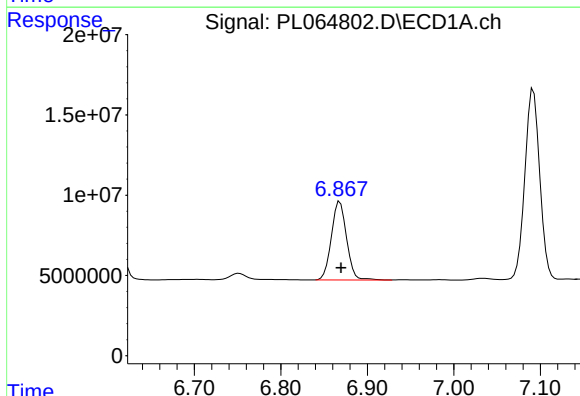
R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 136666378
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



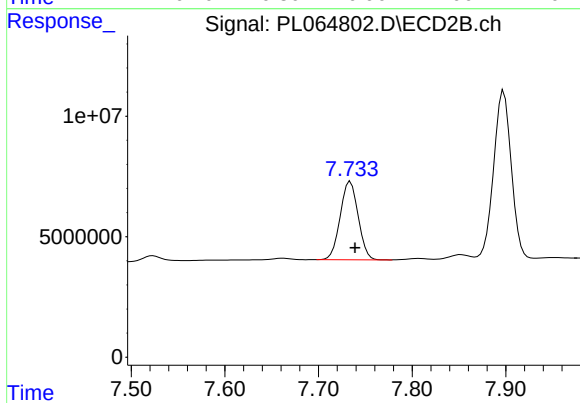
#19 Endosulfan Sulfate

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 88779235
Conc: 49.33 ng/ml



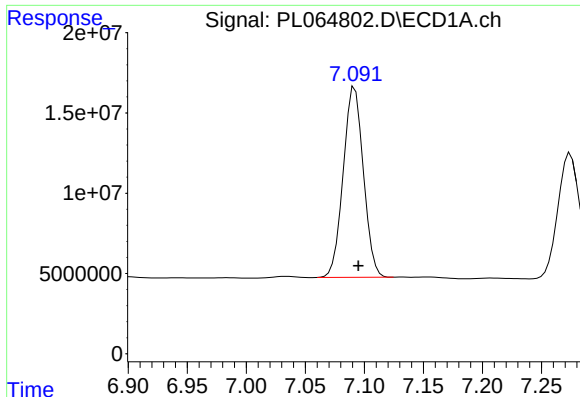
#20 Methoxychlor

R.T.: 6.868 min
Delta R.T.: -0.001 min
Response: 59571742
Conc: 46.01 ng/ml



#20 Methoxychlor

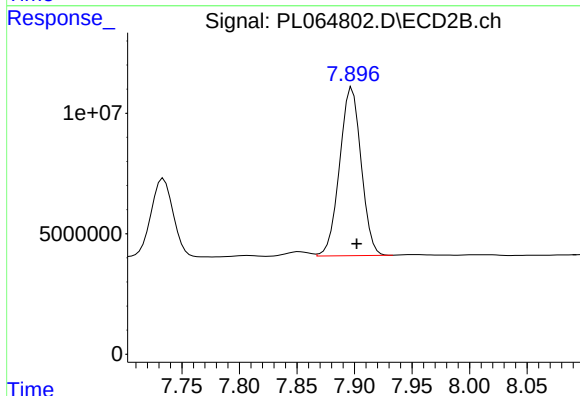
R.T.: 7.734 min
Delta R.T.: -0.005 min
Response: 43413461
Conc: 48.03 ng/ml



#21 Endrin ketone

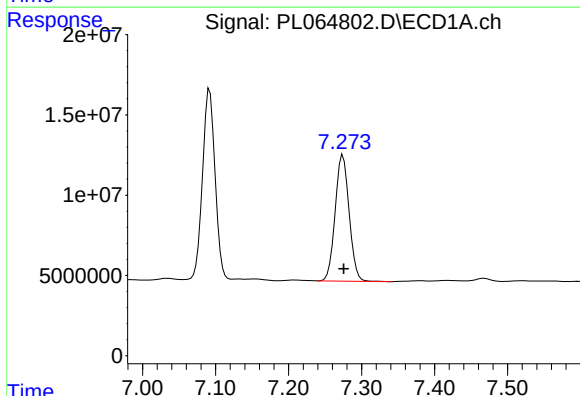
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 141101581
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



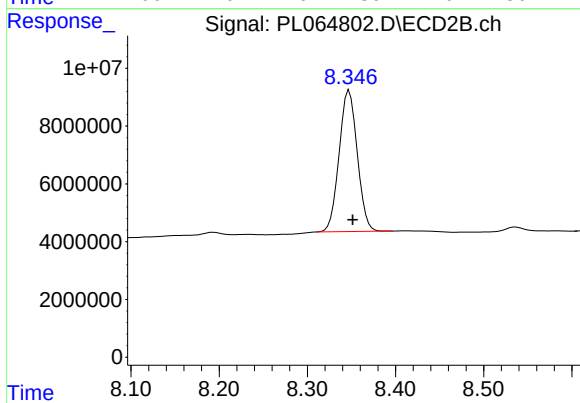
#21 Endrin ketone

R.T.: 7.898 min
Delta R.T.: -0.004 min
Response: 91089231
Conc: 47.65 ng/ml



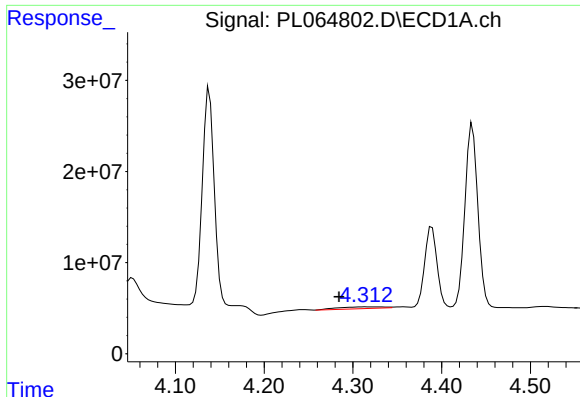
#22 Mirex

R.T.: 7.274 min
Delta R.T.: -0.001 min
Response: 104467115
Conc: 49.44 ng/ml



#22 Mirex

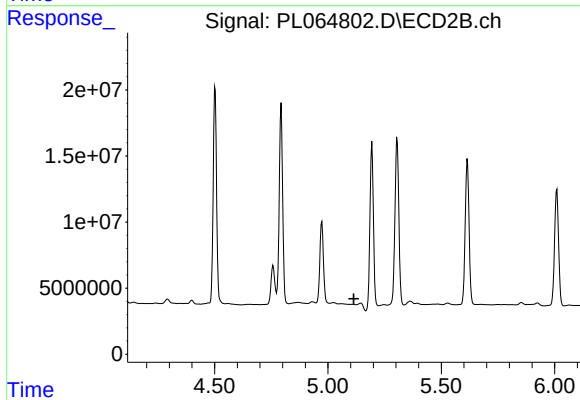
R.T.: 8.348 min
Delta R.T.: -0.004 min
Response: 69990184
Conc: 50.35 ng/ml



#23 Chlordane-1

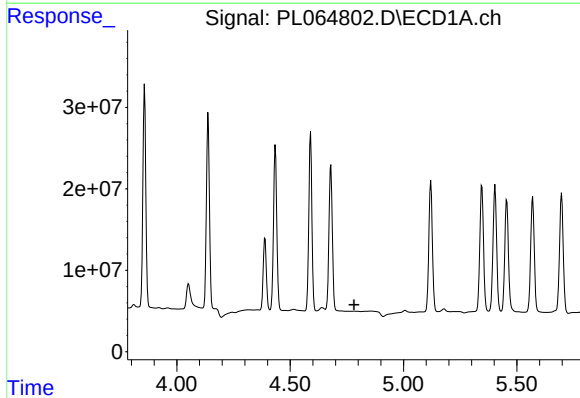
R.T.: 4.313 min
Delta R.T.: 0.029 min
Response: 6839899
Conc: 60.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



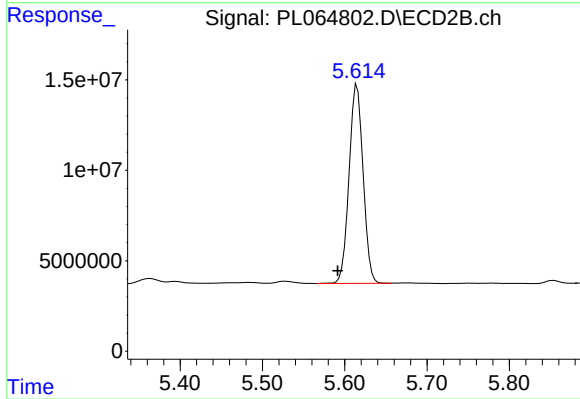
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



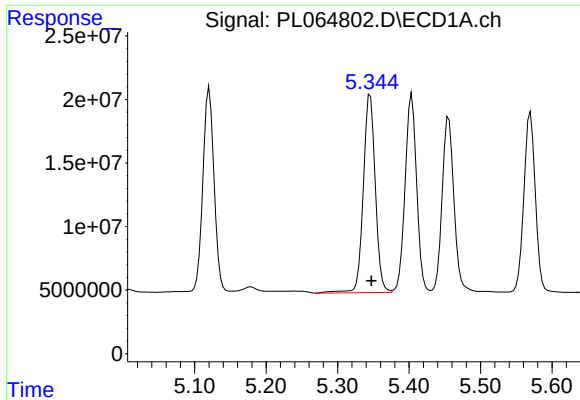
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.782 min
Response: 0
Conc: N.D.



#24 Chlordane-2

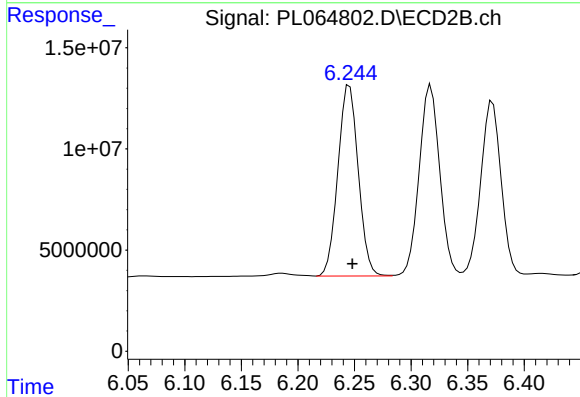
R.T.: 5.615 min
Delta R.T.: 0.023 min
Response: 130241107
Conc: 1493.69 ng/ml



#25 Chlordane-3

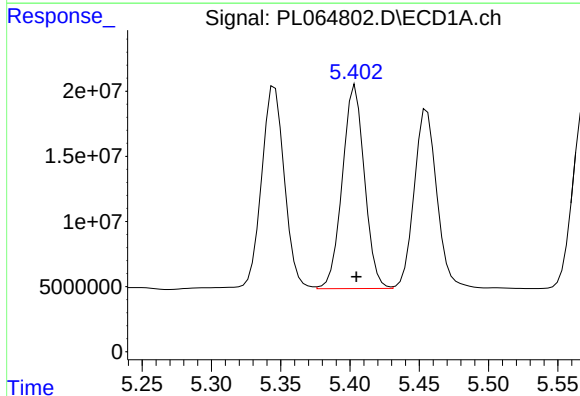
R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 181275713
Conc: 551.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



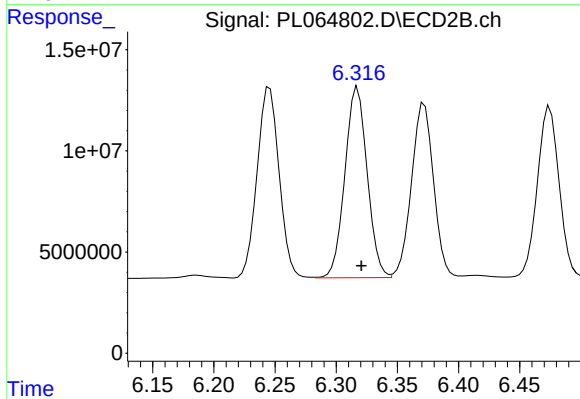
#25 Chlordane-3

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 118174188
Conc: 386.50 ng/ml



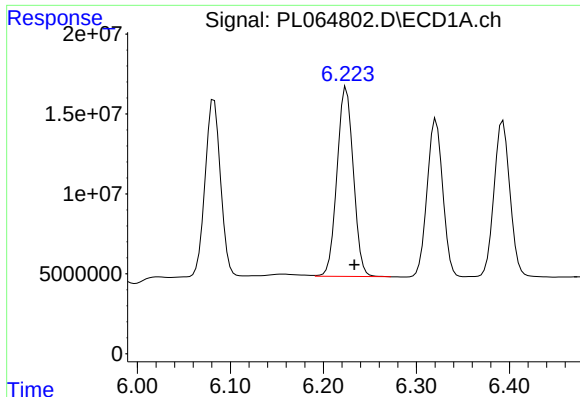
#26 Chlordane-4

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 173951864
Conc: 632.22 ng/ml



#26 Chlordane-4

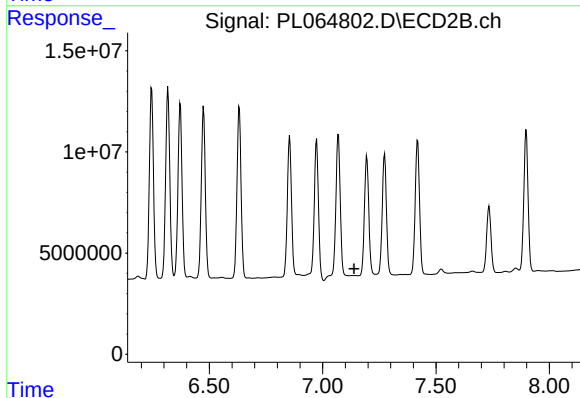
R.T.: 6.317 min
Delta R.T.: -0.003 min
Response: 119311609
Conc: 322.05 ng/ml



#27 Chlordane-5

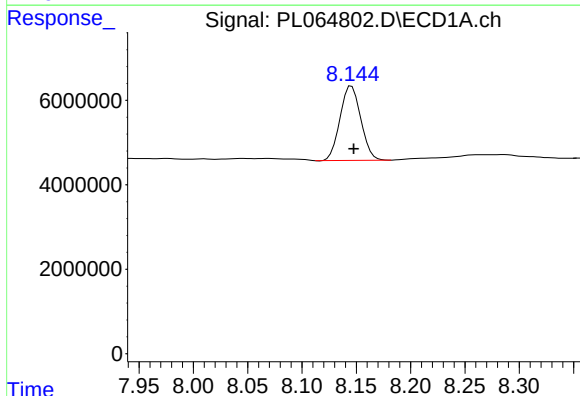
R.T.: 6.225 min
Delta R.T.: -0.008 min
Response: 144392206
Conc: 1427.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RO-RBR-200058MSD



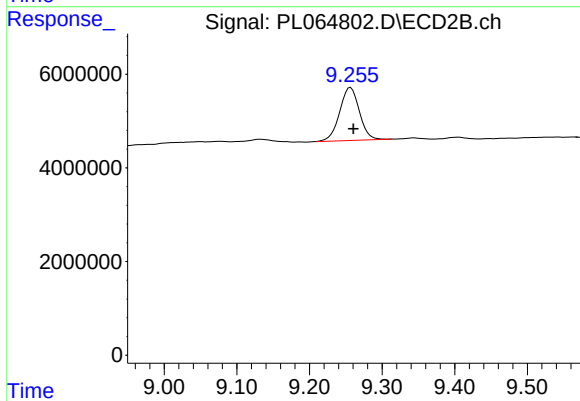
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.139 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.146 min
Delta R.T.: -0.002 min
Response: 23471407
Conc: 10.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.257 min
Delta R.T.: -0.004 min
Response: 21464656
Conc: 11.30 ng/ml