

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
 Data File : PL090481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2024 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 00:55:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.546	2.790	42783024	33148449	18.851	20.957
28)	SA Decachlor...	9.059	7.933	31523880	31144571	20.441	20.879
Target Compounds							
2)	A alpha-BHC	4.002	3.293	31162399	22379442	9.935	10.011
3)	MA gamma-BHC...	4.334	3.624	29359730	21399686	9.767	10.009
4)	MA Heptachlor	4.917	3.972	1439593	40840	0.518	0.020 #
5)	MB Aldrin	5.285f	4.255	1569469	252796	0.573	0.128 #
6)	B beta-BHC	4.529	3.921	13934206	10885574	10.345	11.276
7)	B delta-BHC	4.769	4.147	1213231	121771	0.430	0.060 #
8)	B Heptachlo...	5.683	4.754	2020347	74821	0.792	0.041 #
9)	A Endosulfan I	0.000	5.122	0	120063	N.D.	0.069 #
10)	B gamma-Chl...	5.975f	5.004	1010113	470753	0.400	0.246 #
11)	B alpha-Chl...	6.044f	5.066	1183814	120268	0.475	0.063 #
12)	B 4,4'-DDE	6.198	5.250	700607	653874	0.321	0.395
13)	MA Dieldrin	6.341	5.375	16745	128252	0.007	0.070 #
14)	MA Endrin	6.580	5.657	84290300	78517582	39.754	47.484
15)	B Endosulfa...	6.817f	5.965	2637223	914012	1.193	0.557 #
16)	A 4,4'-DDD	6.713	5.804	7380237	4823189	4.028	3.519
17)	MA 4,4'-DDT	7.028	6.055	156.0E6	159.7E6	81.284	107.881 #
18)	B Endrin al...	6.927	6.130	3765681	3462249	2.230	2.719
19)	B Endosulfa...	0.000	6.341	0	286129	N.D.	0.183 #
20)	A Methoxychlor	7.503	6.630	203.9E6	198.1E6	197.858	237.436
21)	B Endrin ke...	7.646	6.858	7643042	6897202	3.524	3.852
22)	Mirex	8.121	7.043	218970	12845	0.126	0.008 #
23)	Chlordane-1	0.000	3.801	0	79750	N.D.	1.310 #
24)	Chlordane-2	5.245	4.378	1653363	174397	13.938	2.468 #
25)	Chlordane-3	5.975f	5.004	1010113	470753	2.747	2.331
26)	Chlordane-4	6.044	5.066	1183814	120268	2.654	0.630 #
27)	Chlordane-5	6.883	5.739	92787	134087	1.030	2.220 #

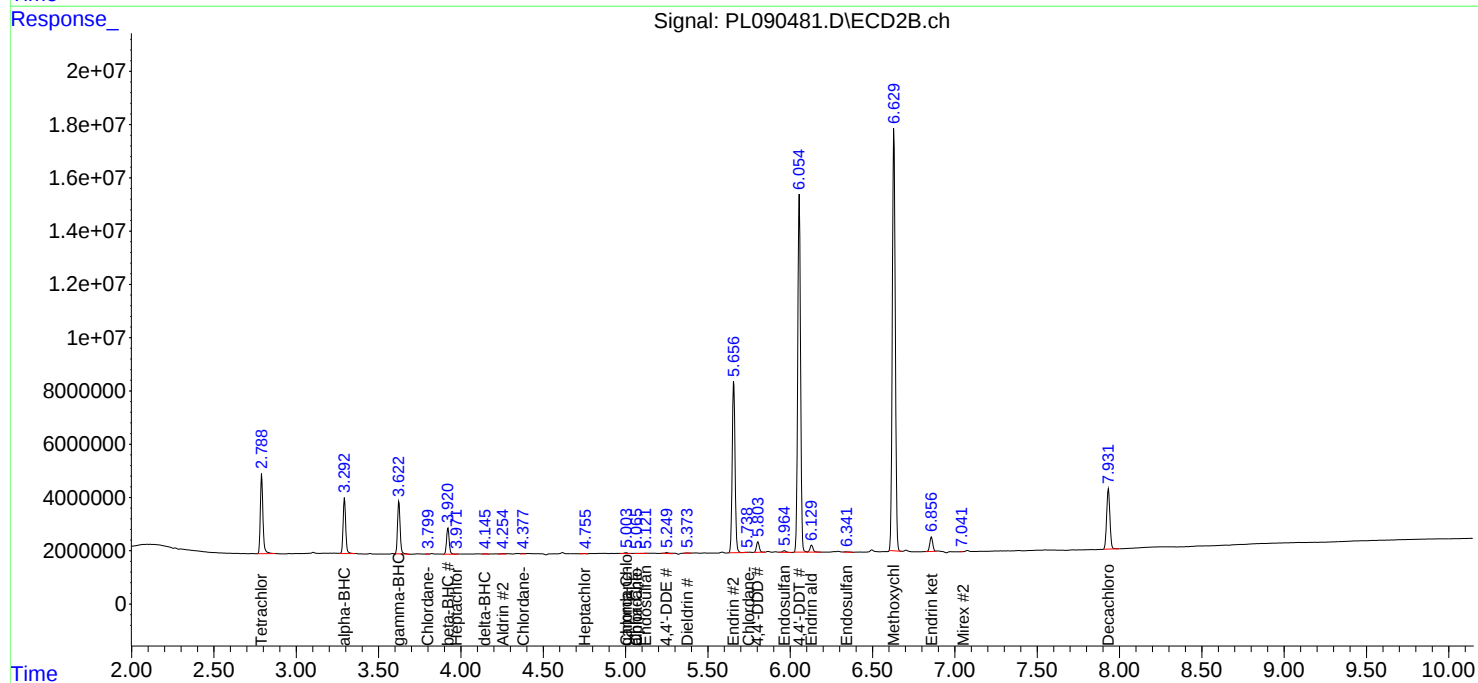
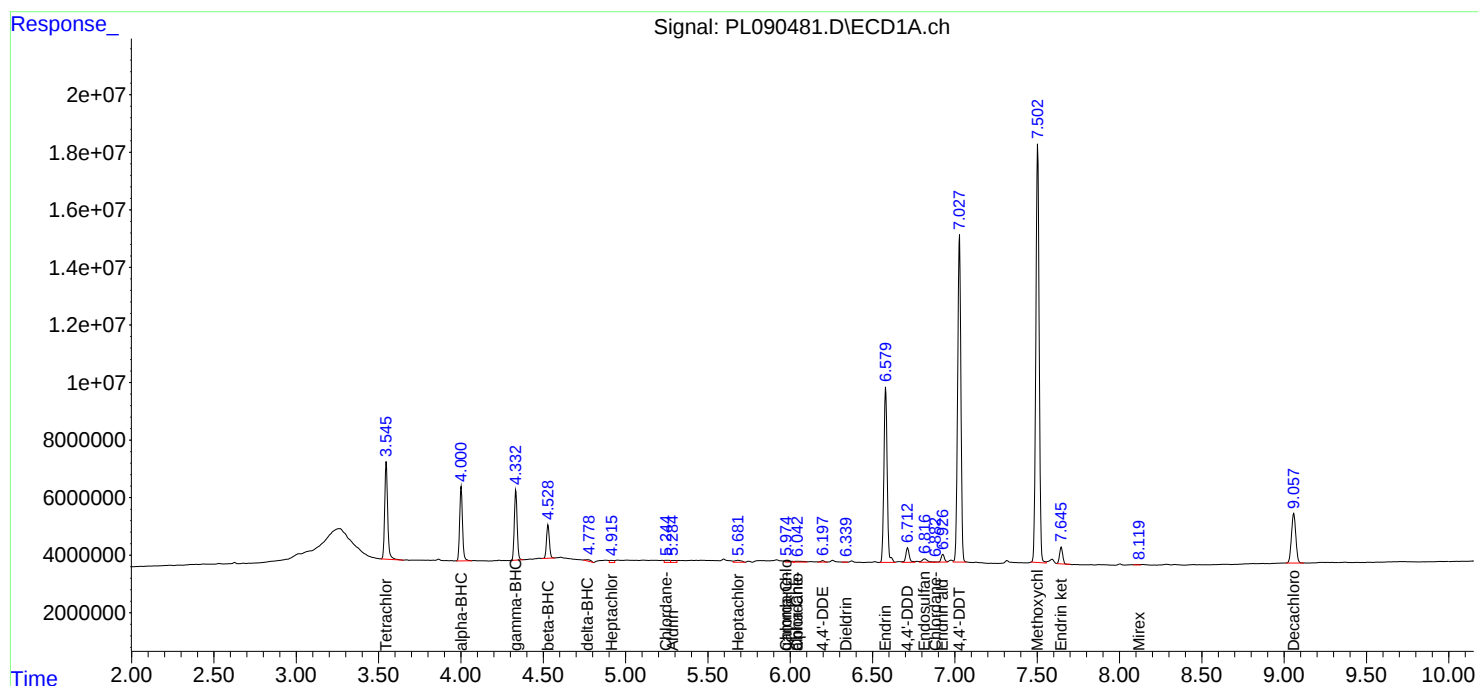
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

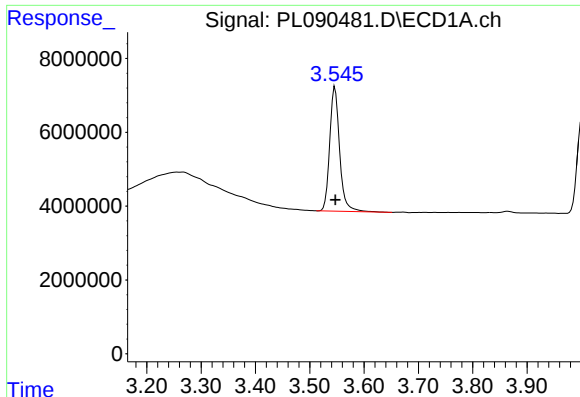
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
Data File : PL090481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2024 09:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 00:55:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 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

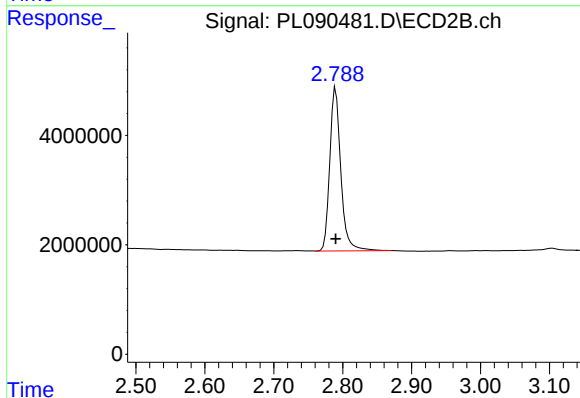




#1 Tetrachloro-m-xylene

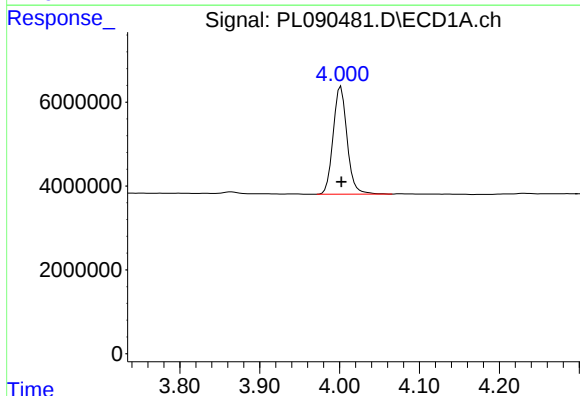
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42783024
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



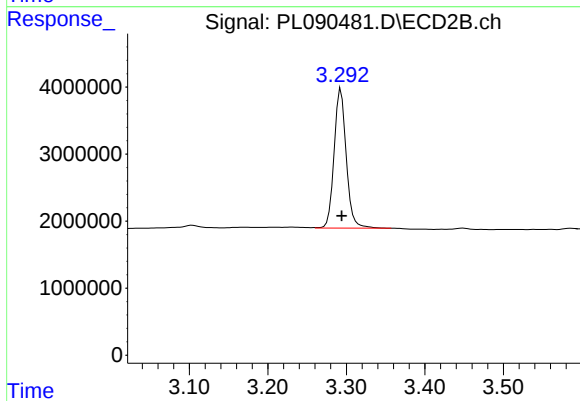
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 33148449
Conc: 20.96 ng/ml



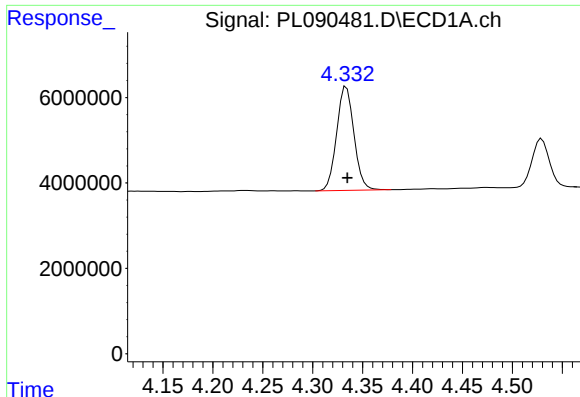
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 31162399
Conc: 9.94 ng/ml



#2 alpha-BHC

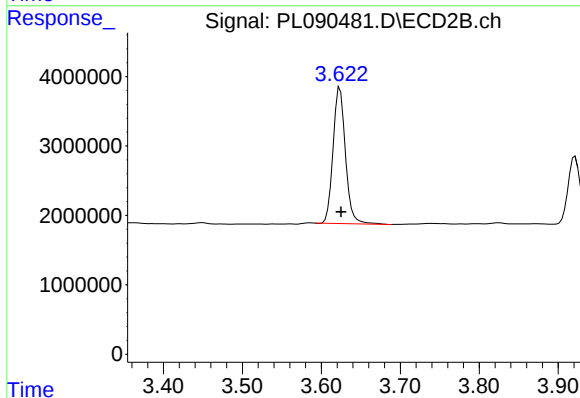
R.T.: 3.293 min
Delta R.T.: -0.001 min
Response: 22379442
Conc: 10.01 ng/ml



#3 gamma-BHC (Lindane)

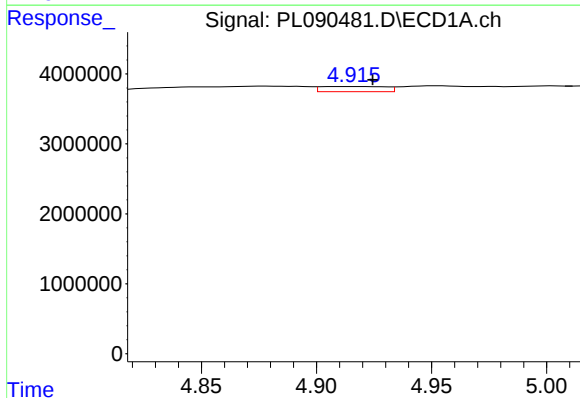
R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 29359730
Conc: 9.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



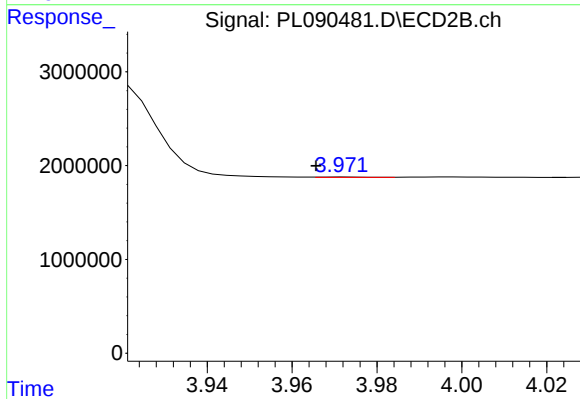
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: -0.001 min
Response: 21399686
Conc: 10.01 ng/ml



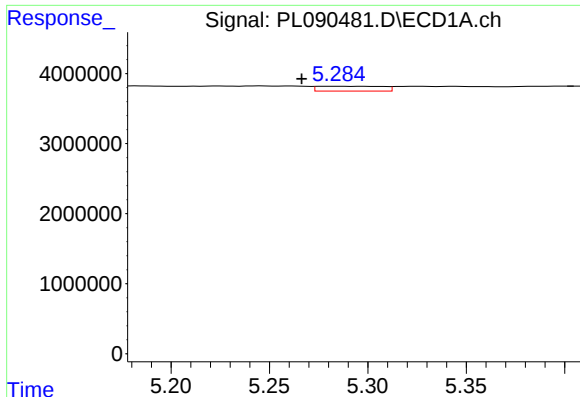
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 1439593
Conc: 0.52 ng/ml



#4 Heptachlor

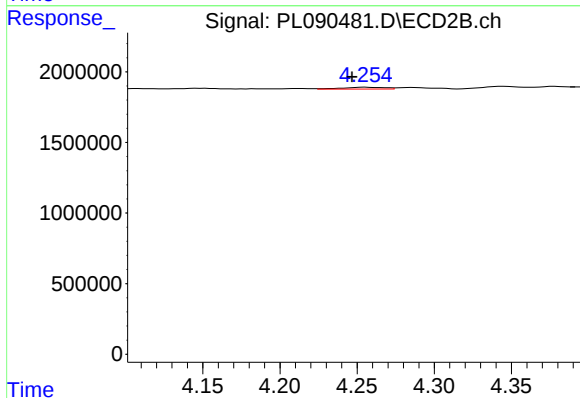
R.T.: 3.972 min
Delta R.T.: 0.007 min
Response: 40840
Conc: 0.02 ng/ml



#5 Aldrin

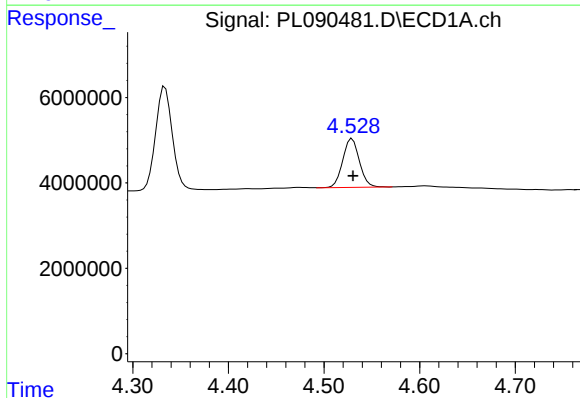
R.T.: 5.285 min
Delta R.T.: 0.018 min
Response: 1569469
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



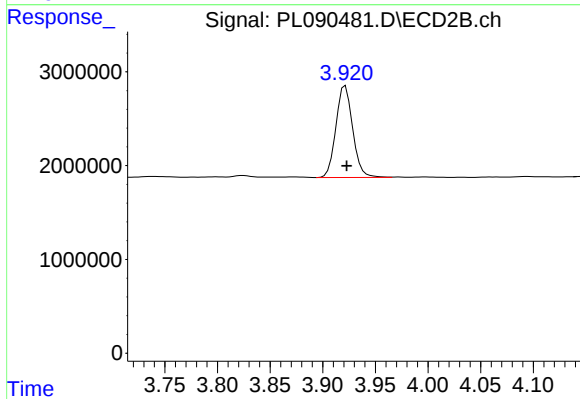
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.009 min
Response: 252796
Conc: 0.13 ng/ml



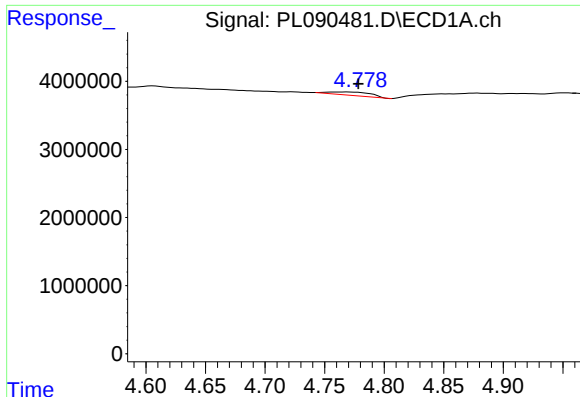
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 13934206
Conc: 10.34 ng/ml



#6 beta-BHC

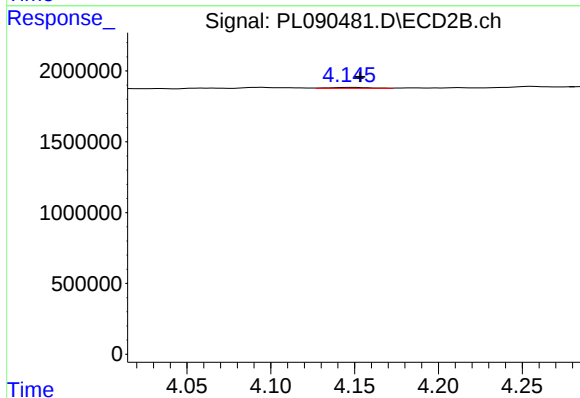
R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 10885574
Conc: 11.28 ng/ml



#7 delta-BHC

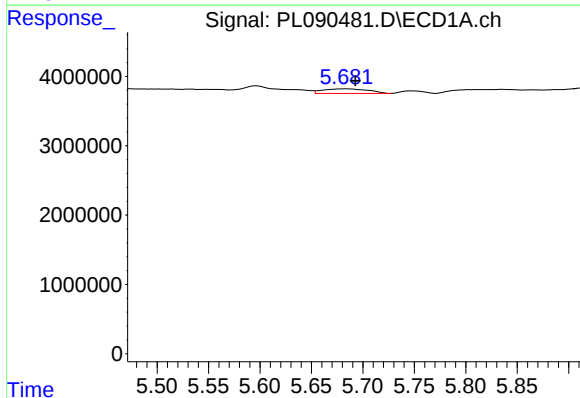
R.T.: 4.769 min
Delta R.T.: -0.009 min
Response: 1213231
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



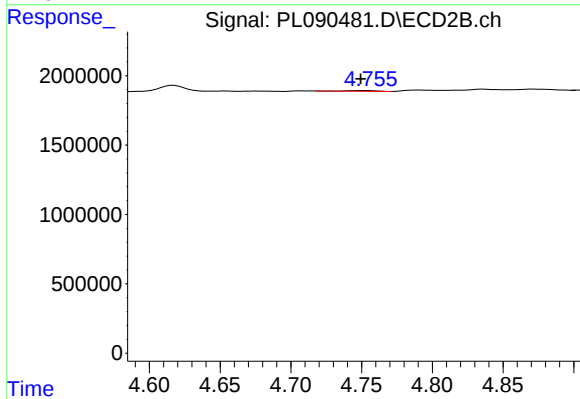
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.006 min
Response: 121771
Conc: 0.06 ng/ml



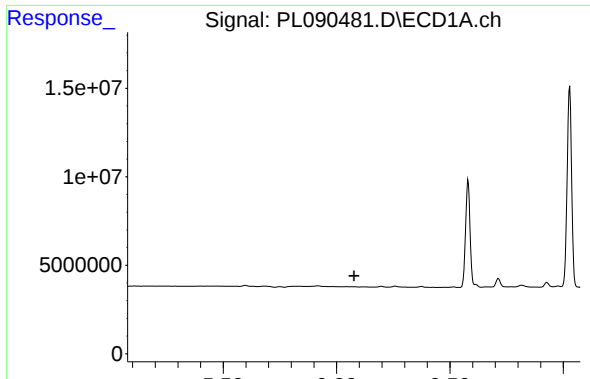
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 2020347
Conc: 0.79 ng/ml



#8 Heptachlor epoxide

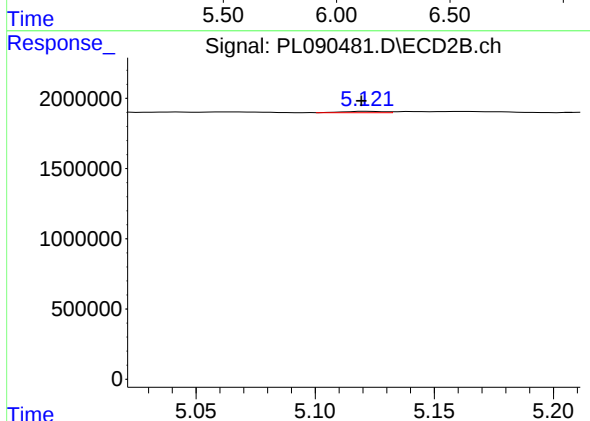
R.T.: 4.754 min
Delta R.T.: 0.004 min
Response: 74821
Conc: 0.04 ng/ml



#9 Endosulfan I

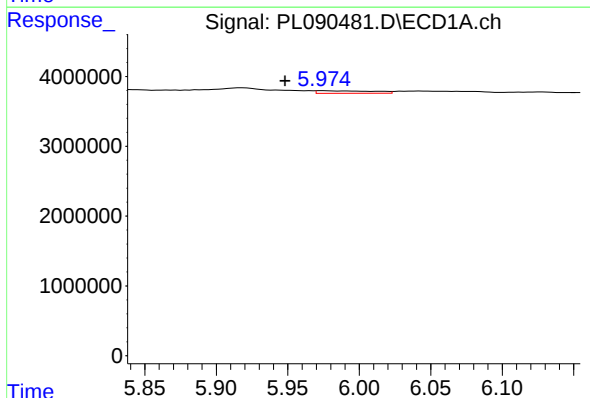
R.T.: 0.000 min
Exp R.T.: 6.078 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



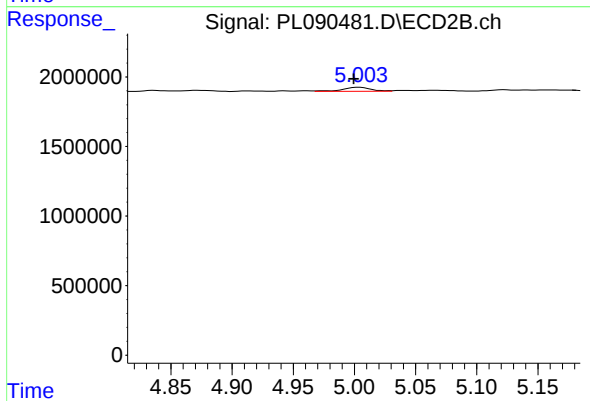
#9 Endosulfan I

R.T.: 5.122 min
Delta R.T.: 0.003 min
Response: 120063
Conc: 0.07 ng/ml



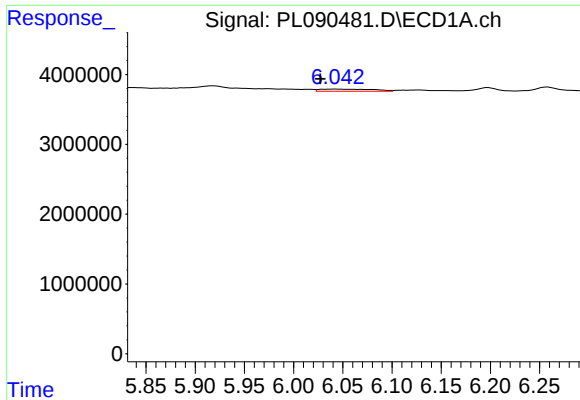
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.027 min
Response: 1010113
Conc: 0.40 ng/ml



#10 gamma-Chlordane

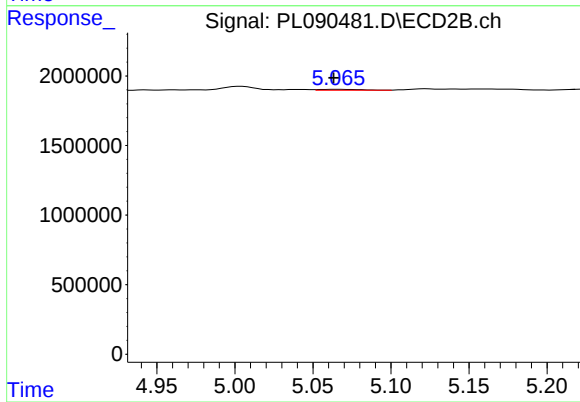
R.T.: 5.004 min
Delta R.T.: 0.005 min
Response: 470753
Conc: 0.25 ng/ml



#11 alpha-Chlordane

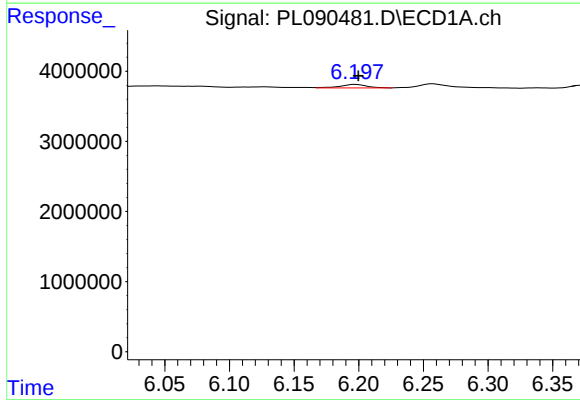
R.T.: 6.044 min
Delta R.T.: 0.016 min
Response: 1183814
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



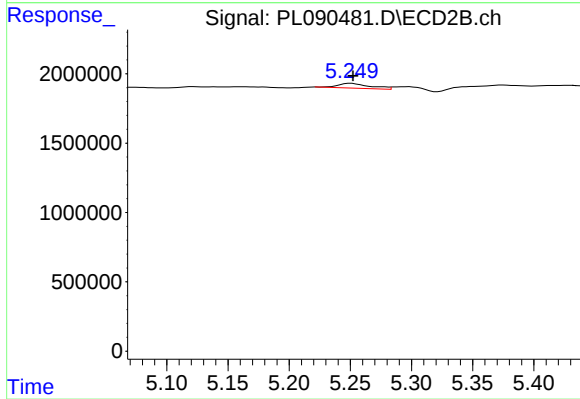
#11 alpha-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.003 min
Response: 120268
Conc: 0.06 ng/ml



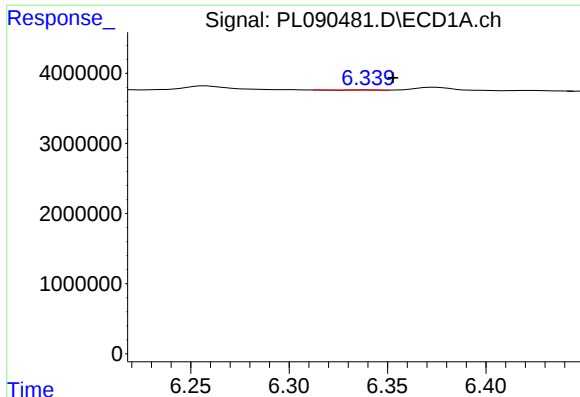
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 700607
Conc: 0.32 ng/ml



#12 4,4'-DDE

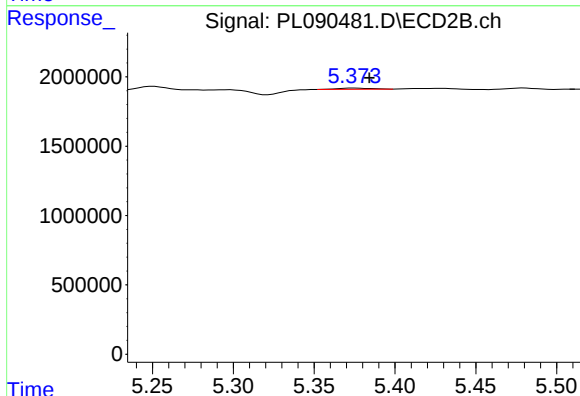
R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 653874
Conc: 0.39 ng/ml



#13 Dieldrin

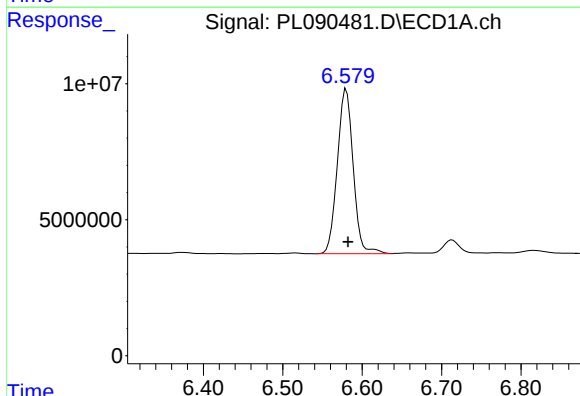
R.T.: 6.341 min
Delta R.T.: -0.011 min
Response: 16745
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



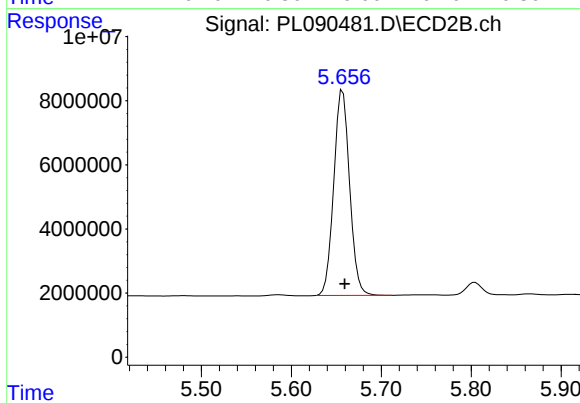
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.009 min
Response: 128252
Conc: 0.07 ng/ml



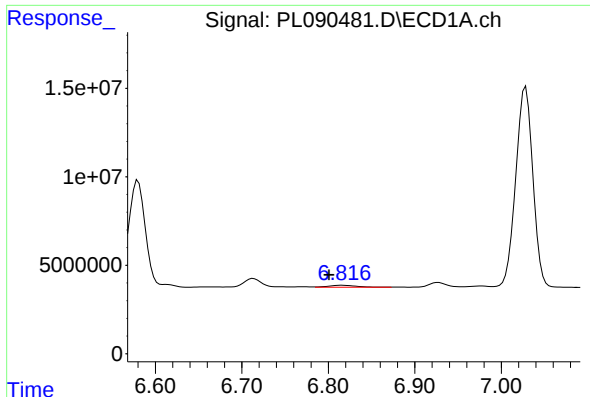
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 84290300
Conc: 39.75 ng/ml



#14 Endrin

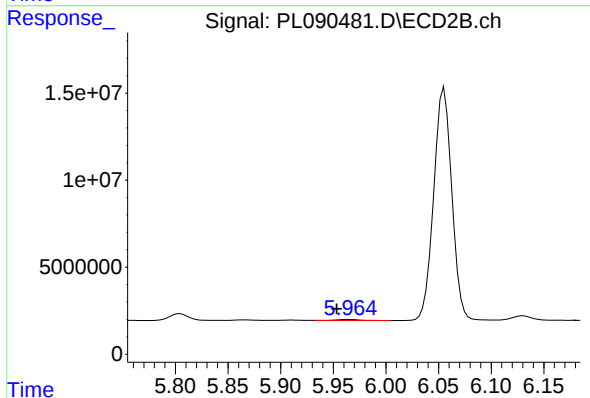
R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 78517582
Conc: 47.48 ng/ml



#15 Endosulfan II

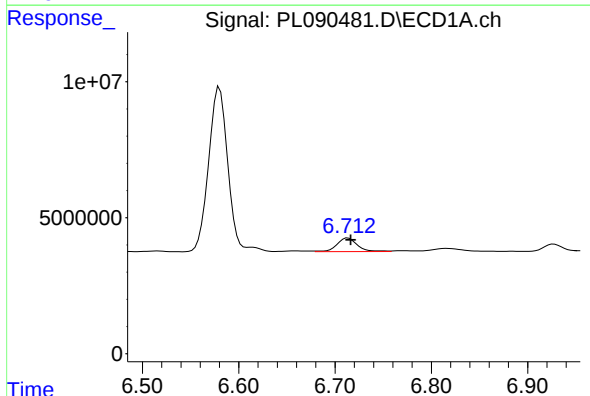
R.T.: 6.817 min
Delta R.T.: 0.016 min
Response: 2637223
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



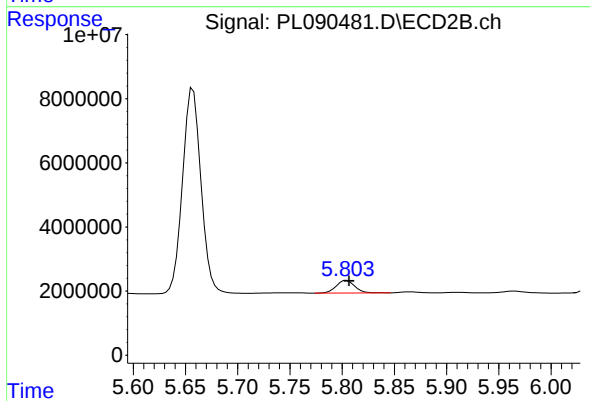
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.012 min
Response: 914012
Conc: 0.56 ng/ml



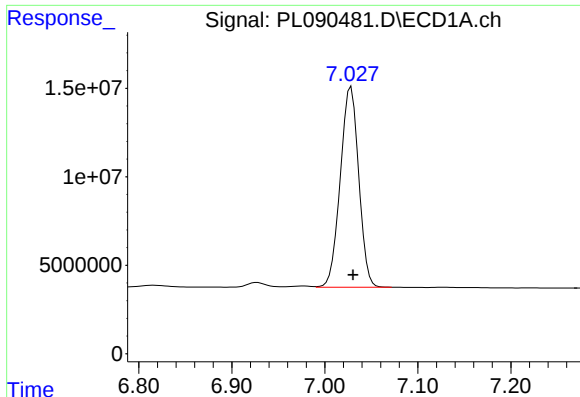
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 7380237
Conc: 4.03 ng/ml



#16 4,4'-DDD

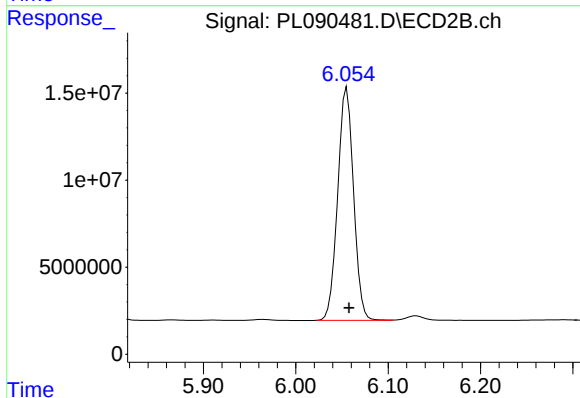
R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 4823189
Conc: 3.52 ng/ml



#17 4,4'-DDT

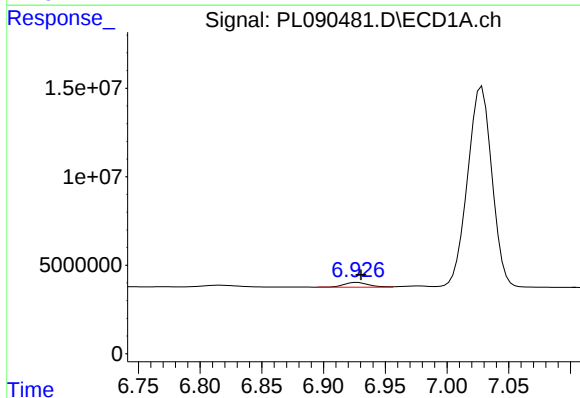
R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 155978689
Conc: 81.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



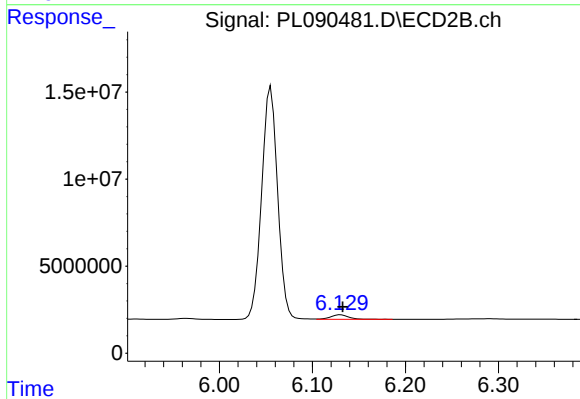
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 159676768
Conc: 107.88 ng/ml



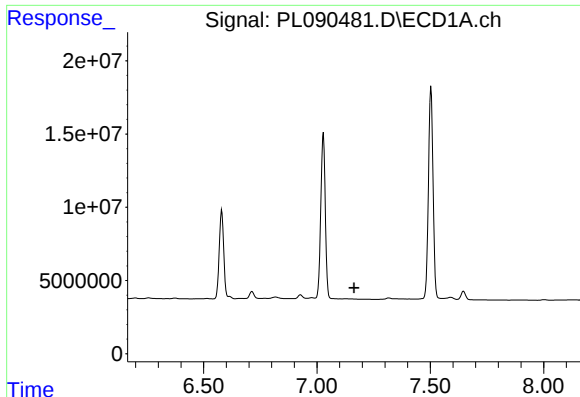
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 3765681
Conc: 2.23 ng/ml



#18 Endrin aldehyde

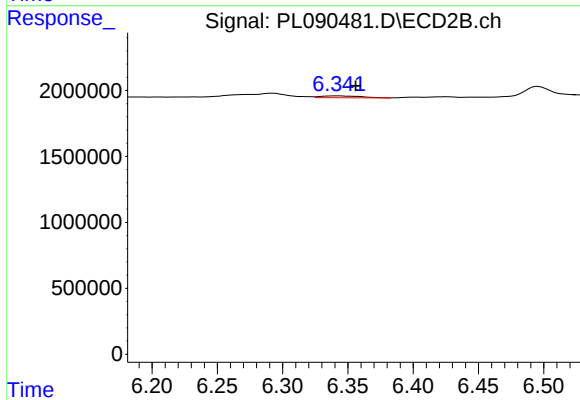
R.T.: 6.130 min
Delta R.T.: -0.002 min
Response: 3462249
Conc: 2.72 ng/ml



#19 Endosulfan Sulfate

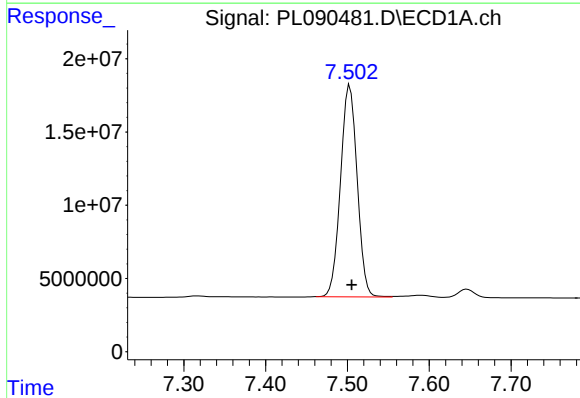
R.T.: 0.000 min
Exp R.T.: 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



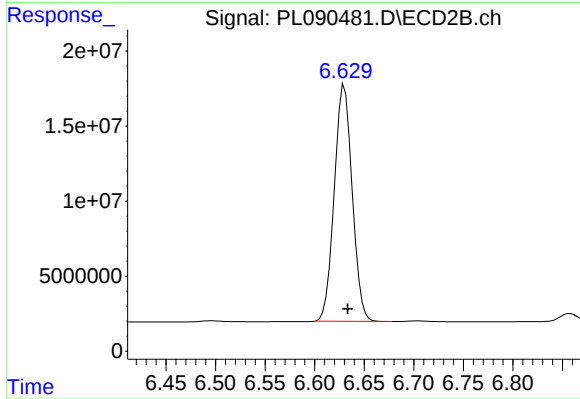
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.015 min
Response: 286129
Conc: 0.18 ng/ml



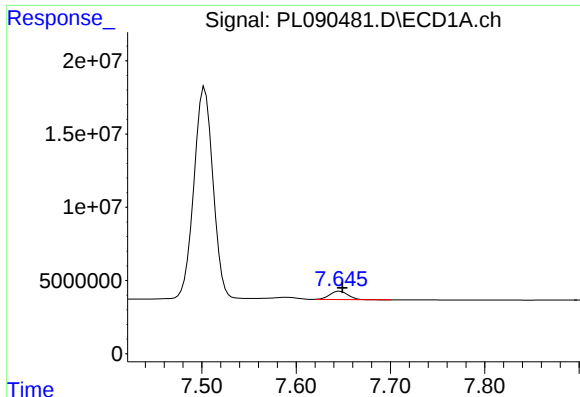
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 203900851
Conc: 197.86 ng/ml



#20 Methoxychlor

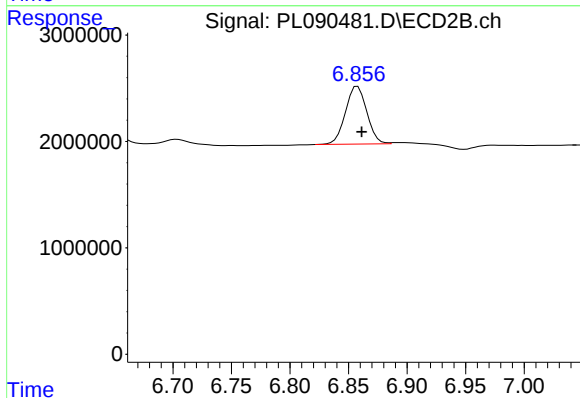
R.T.: 6.630 min
Delta R.T.: -0.003 min
Response: 198085640
Conc: 237.44 ng/ml



#21 Endrin ketone

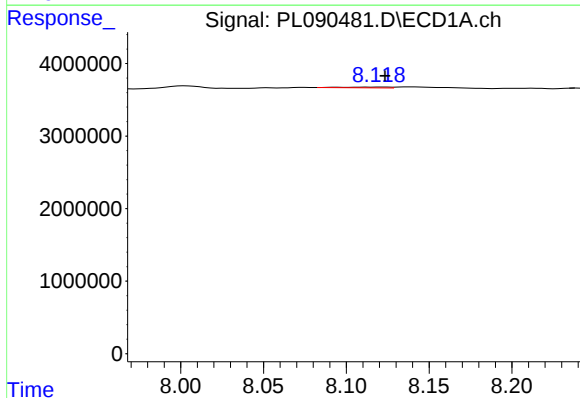
R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 7643042
Conc: 3.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



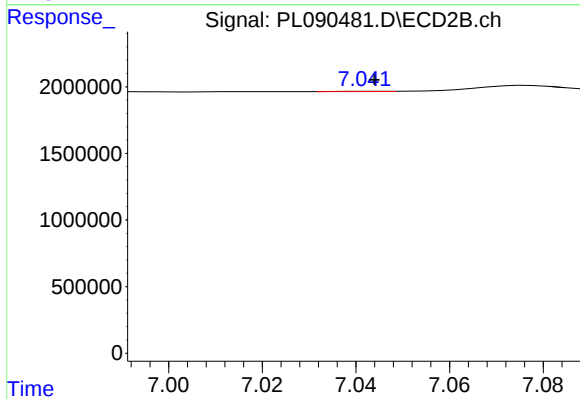
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 6897202
Conc: 3.85 ng/ml



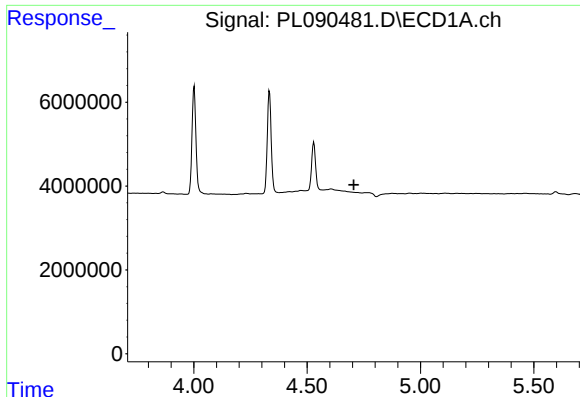
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 218970
Conc: 0.13 ng/ml



#22 Mirex

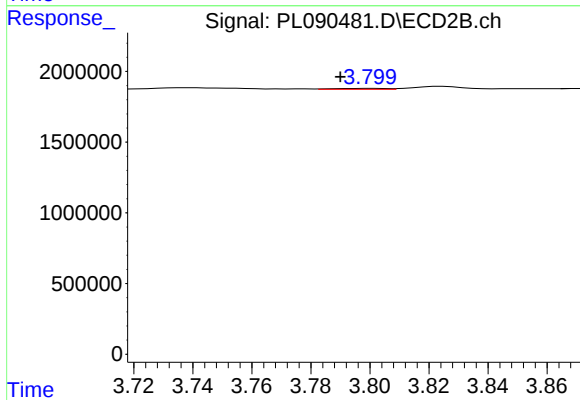
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 12845
Conc: 0.01 ng/ml



#23 Chlordane-1

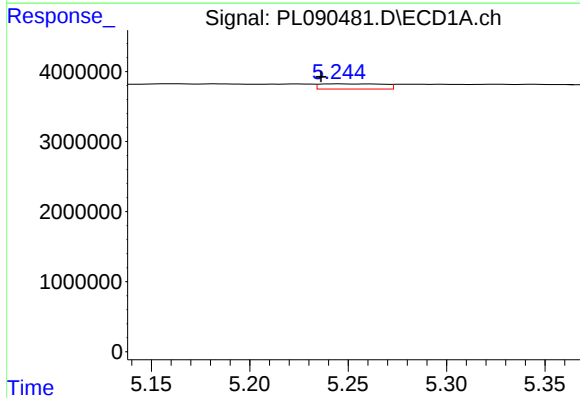
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



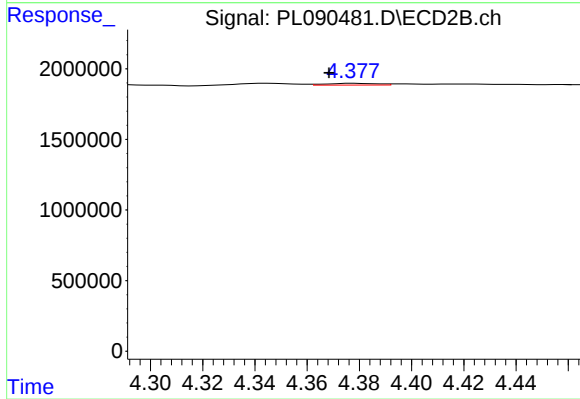
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.011 min
Response: 79750
Conc: 1.31 ng/ml



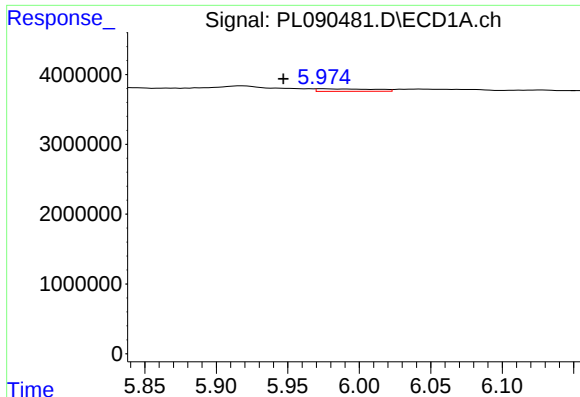
#24 Chlordane-2

R.T.: 5.245 min
Delta R.T.: 0.009 min
Response: 1653363
Conc: 13.94 ng/ml



#24 Chlordane-2

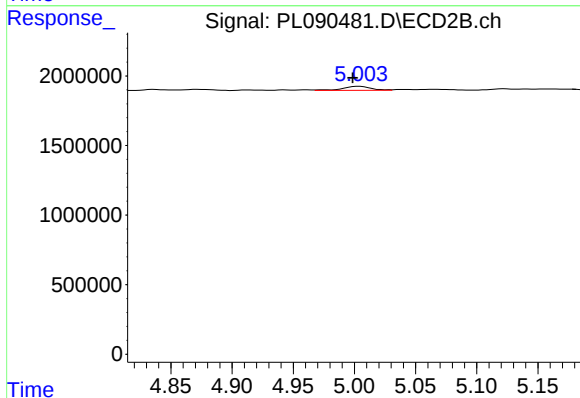
R.T.: 4.378 min
Delta R.T.: 0.010 min
Response: 174397
Conc: 2.47 ng/ml



#25 Chlordane-3

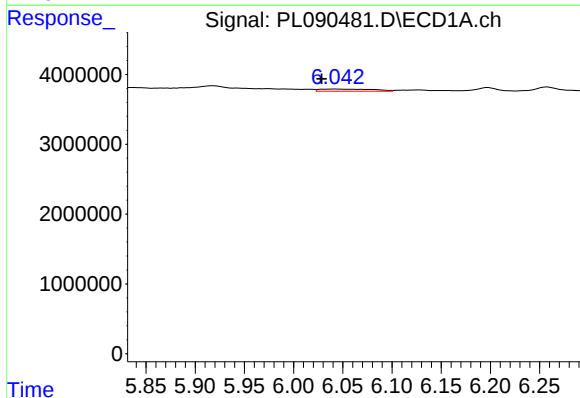
R.T.: 5.975 min
Delta R.T.: 0.028 min
Response: 1010113
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



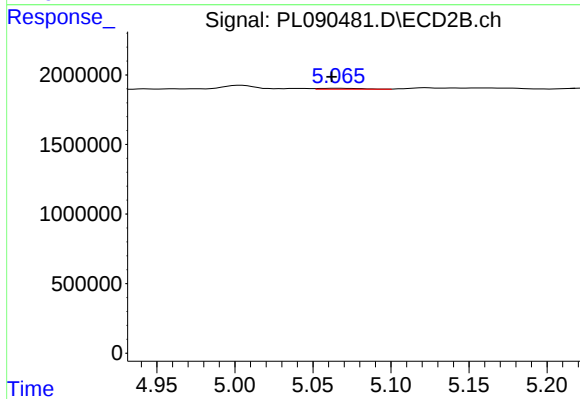
#25 Chlordane-3

R.T.: 5.004 min
Delta R.T.: 0.006 min
Response: 470753
Conc: 2.33 ng/ml



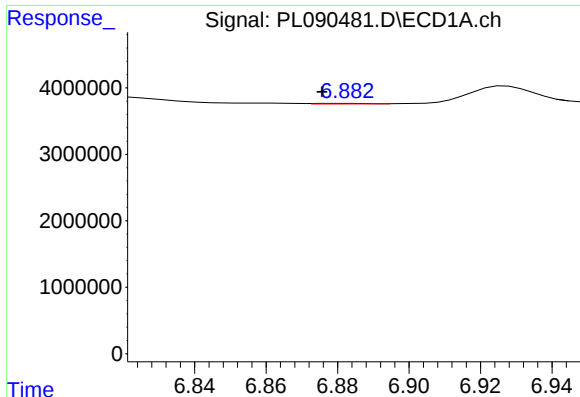
#26 Chlordane-4

R.T.: 6.044 min
Delta R.T.: 0.015 min
Response: 1183814
Conc: 2.65 ng/ml



#26 Chlordane-4

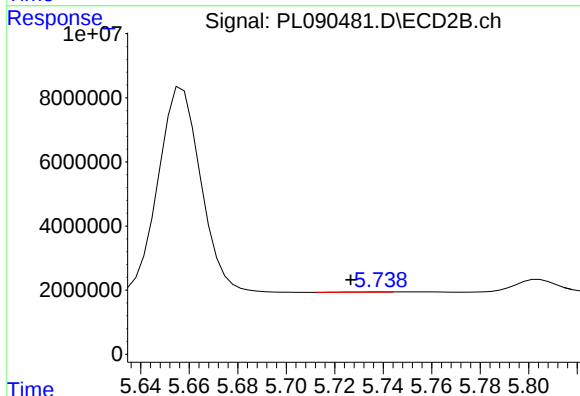
R.T.: 5.066 min
Delta R.T.: 0.004 min
Response: 120268
Conc: 0.63 ng/ml



#27 Chlordane-5

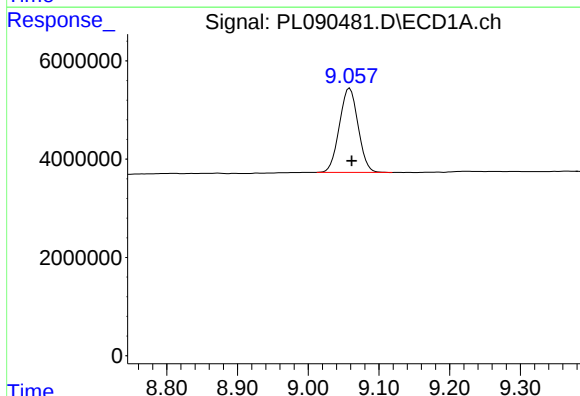
R.T.: 6.883 min
Delta R.T.: 0.007 min
Response: 92787
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



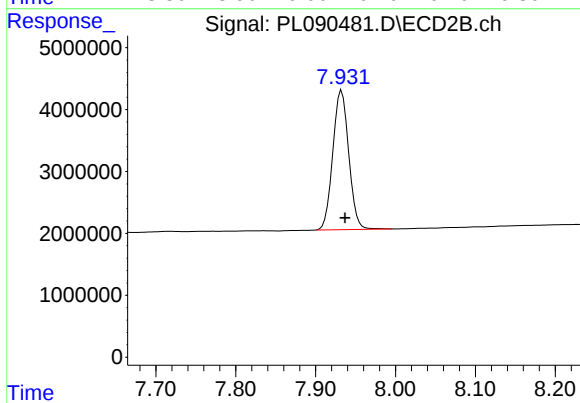
#27 Chlordane-5

R.T.: 5.739 min
Delta R.T.: 0.013 min
Response: 134087
Conc: 2.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.003 min
Response: 31523880
Conc: 20.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: -0.004 min
Response: 31144571
Conc: 20.88 ng/ml