

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
 Data File : PD090256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 11:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 00:59:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	59295983	495.7E6	20.204	22.480
2)	SA Decachlor...	9.066	8.063	85978698	598.4E6	19.921	23.116
Target Compounds							
2)	A alpha-BHC	3.995	3.387	54657609	413.4E6	9.106	12.181 #
3)	MA gamma-BHC...	0.000	3.724	0	378.0E6	N.D.	12.127 #
4)	MA Heptachlor	4.927	4.073	1009712	2521767	0.180	0.081 #
5)	MB Aldrin	5.248f	4.358	457546	1999114	0.085	0.066
6)	B beta-BHC	4.513	4.020	22477936	162.8E6	10.021	12.215
7)	B delta-BHC	4.773	4.257	4040080	823027	0.780	0.026 #
8)	B Heptachlo...	5.679	4.875	4086721	5551088	0.833	0.200 #
9)	A Endosulfan I	0.000	5.226f	0	5081522	N.D.	0.194 #
10)	B gamma-Chl...	5.938	5.121	512699	11867951	0.105	0.401 #
11)	B alpha-Chl...	6.026	5.180	529654	14000856	0.108	0.491 #
12)	B 4,4'-DDE	6.194	5.371	512987	1688693	0.117	0.059 #
13)	MA Dieldrin	0.000	5.504	0	271449	N.D.	0.009 #
14)	MA Endrin	0.000	5.782	0	1540.4E6	N.D.	57.841 #
15)	B Endosulfa...	6.799f	6.075	2926093	3658691	0.693	0.145 #
16)	A 4,4'-DDD	6.701	5.923	6837722	21833222	1.977	0.908 #
17)	MA 4,4'-DDT	7.016	6.176	355.5E6	2773.8E6	93.305	110.643
18)	B Endrin al...	6.912	6.249	709630	17235919	0.248	1.001 #
19)	B Endosulfa...	0.000	6.503f	0	436139	N.D.	0.018 #
20)	A Methoxychlor	7.489	6.747	458.2E6	2834.0E6	228.451	219.763
21)	B Endrin ke...	7.625	6.983	2971169	13160337	0.717	0.494 #
22)	Mirex	0.000	7.169	0	5836295	N.D.	0.283 #
23)	Chlordane-1	0.000	3.895	0	1424590	N.D.	1.603 #
24)	Chlordane-2	5.248	4.480	457546	6692402	2.599	6.986 #
25)	Chlordane-3	5.938	5.121	512699	11867951	0.756	4.283 #
26)	Chlordane-4	6.026	5.180	529654	14000856	0.638	5.817 #
27)	Chlordane-5	6.866	6.075	1017261	3658691	7.258	3.326 #

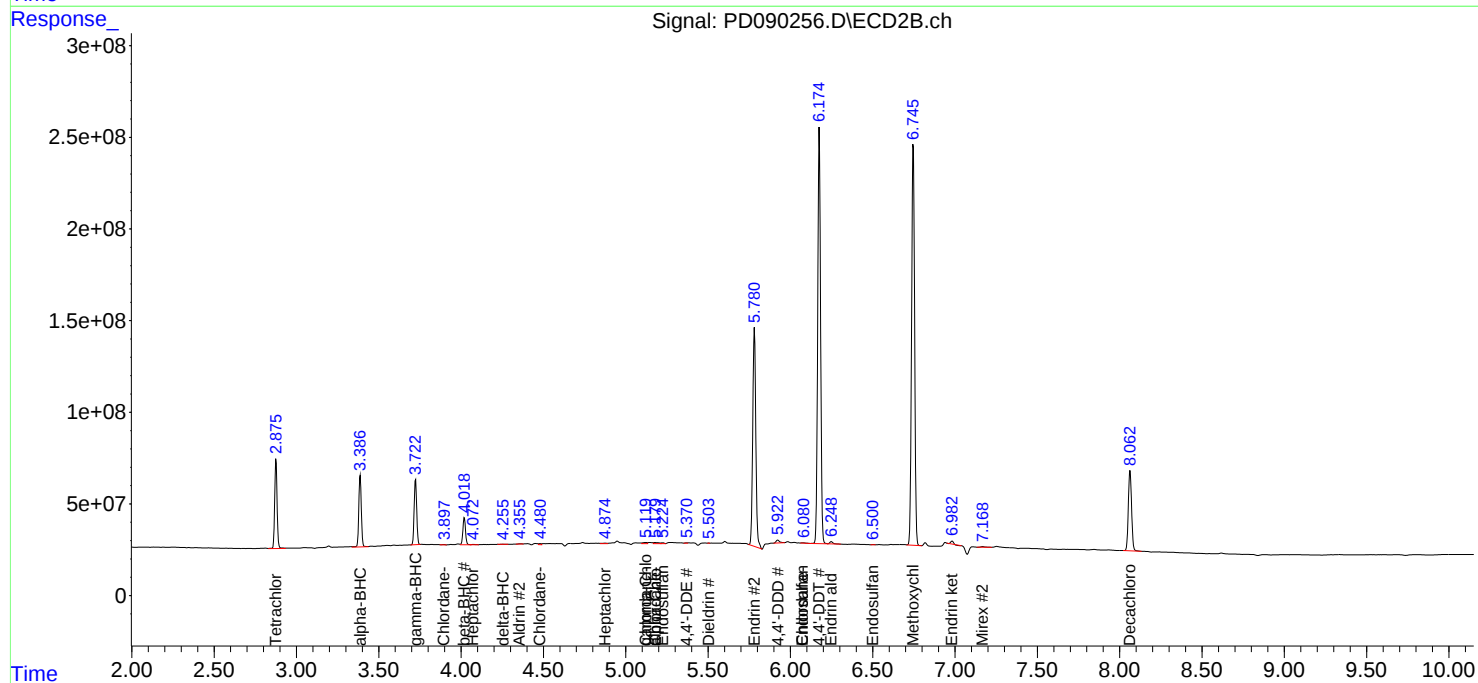
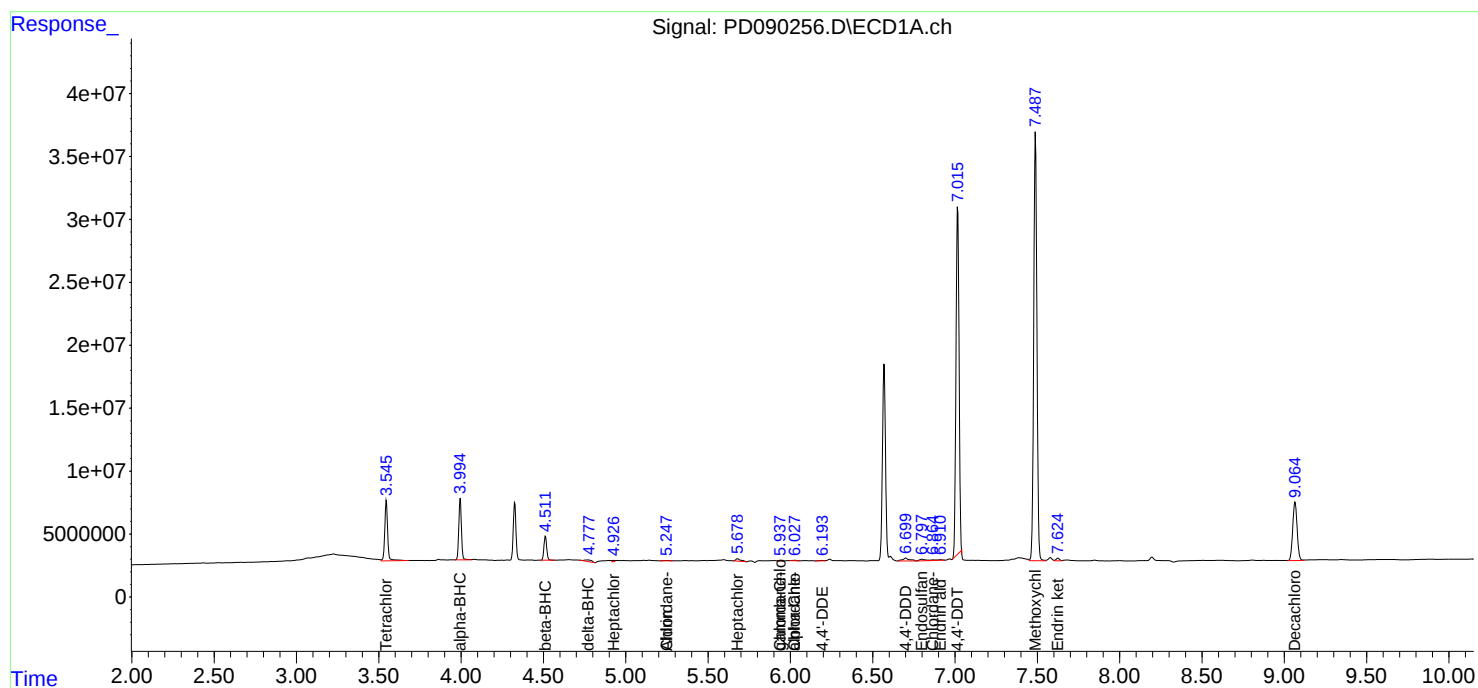
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

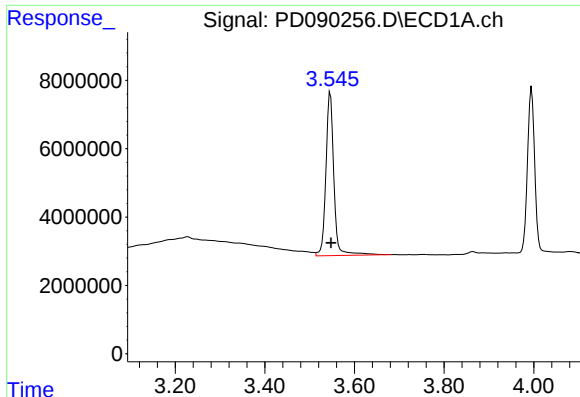
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091225\
Data File : PD090256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 11:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 00:59:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

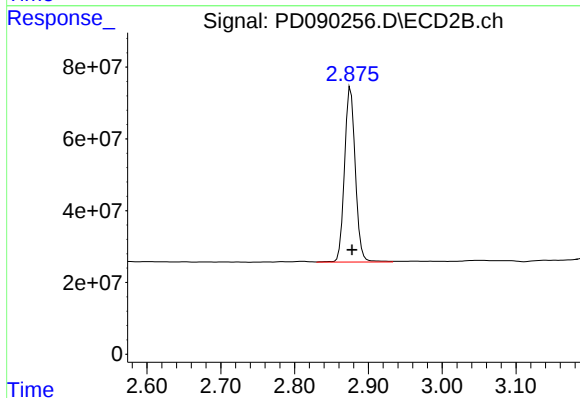




#1 Tetrachloro-m-xylene

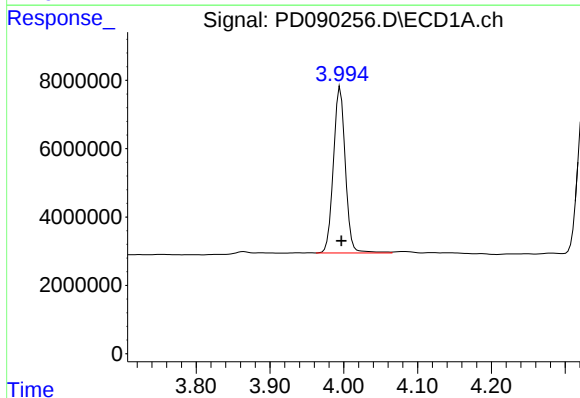
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 59295983
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



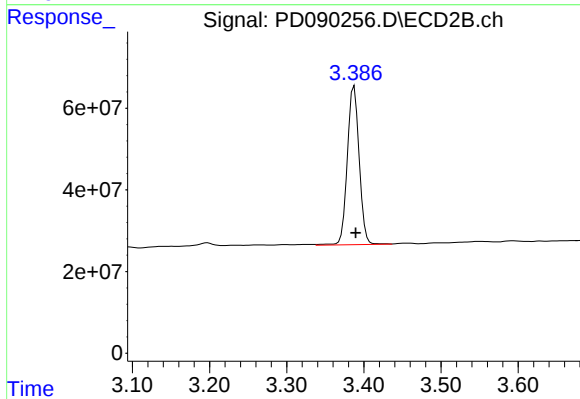
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 495686952
Conc: 22.48 ng/ml



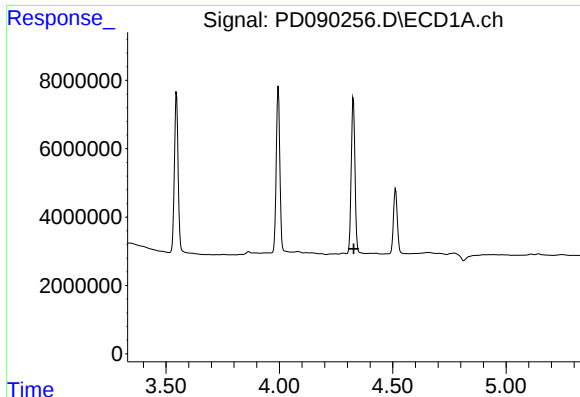
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 54657609
Conc: 9.11 ng/ml



#2 alpha-BHC

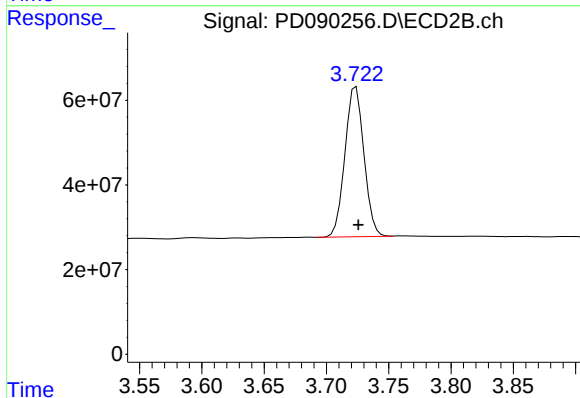
R.T.: 3.387 min
Delta R.T.: -0.002 min
Response: 413415627
Conc: 12.18 ng/ml



#3 gamma-BHC (Lindane)

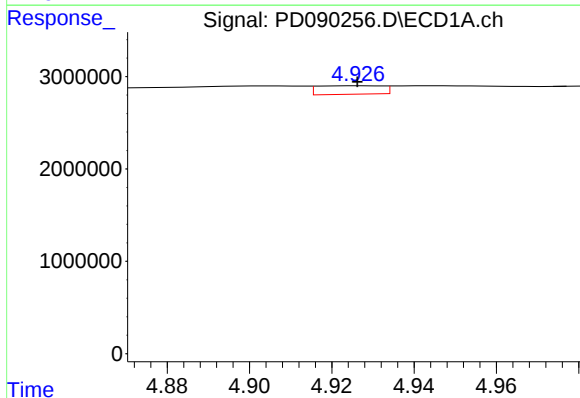
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



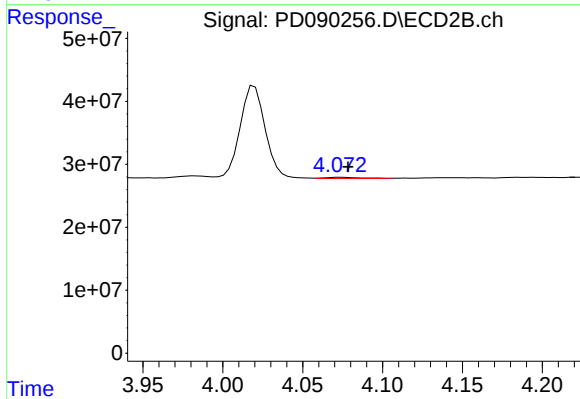
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 378001420
Conc: 12.13 ng/ml



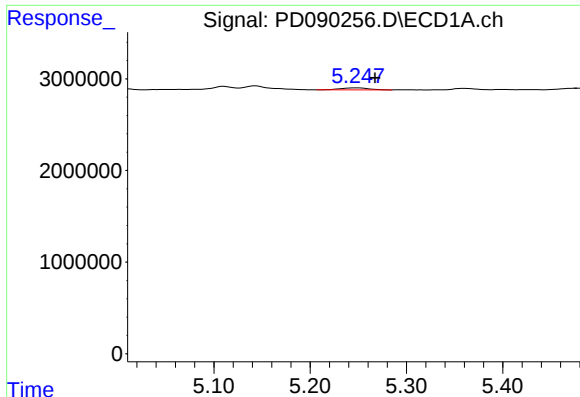
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 1009712
Conc: 0.18 ng/ml



#4 Heptachlor

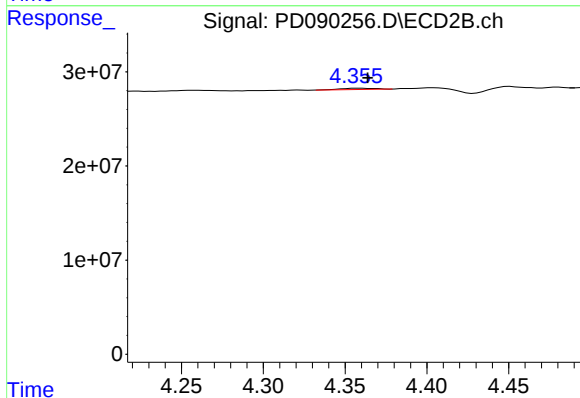
R.T.: 4.073 min
Delta R.T.: -0.005 min
Response: 2521767
Conc: 0.08 ng/ml



#5 Aldrin

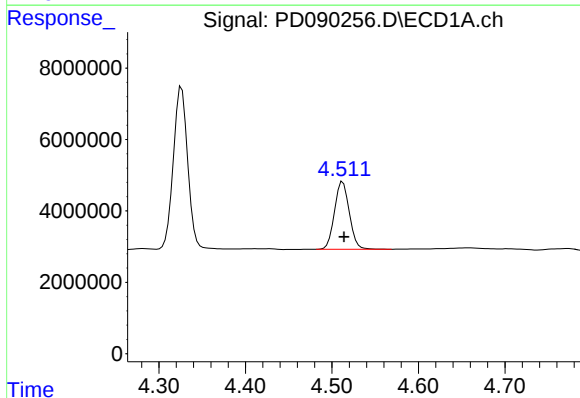
R.T.: 5.248 min
Delta R.T.: -0.019 min
Response: 457546
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



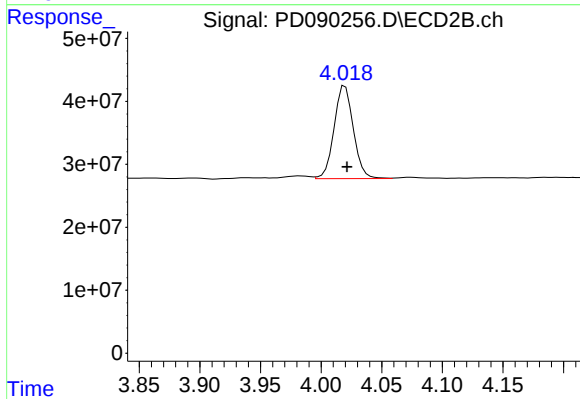
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.006 min
Response: 1999114
Conc: 0.07 ng/ml



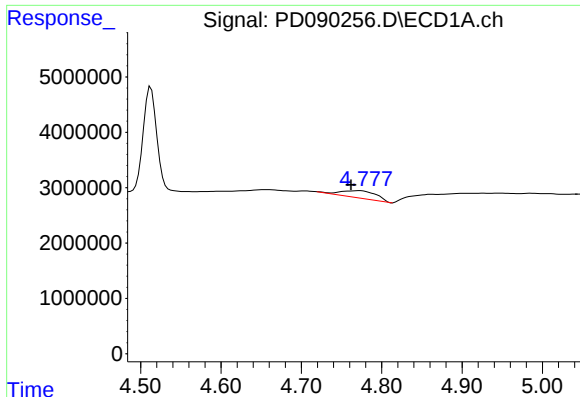
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 22477936
Conc: 10.02 ng/ml



#6 beta-BHC

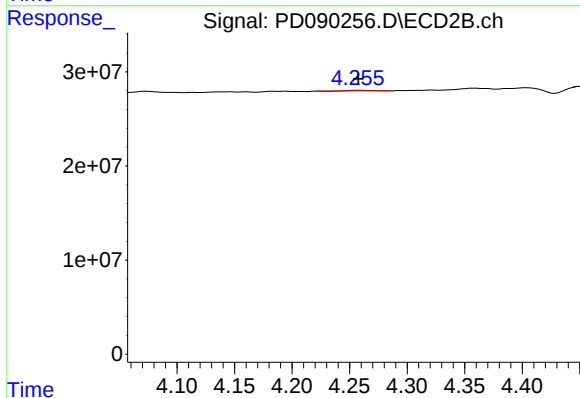
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 162824499
Conc: 12.21 ng/ml



#7 delta-BHC

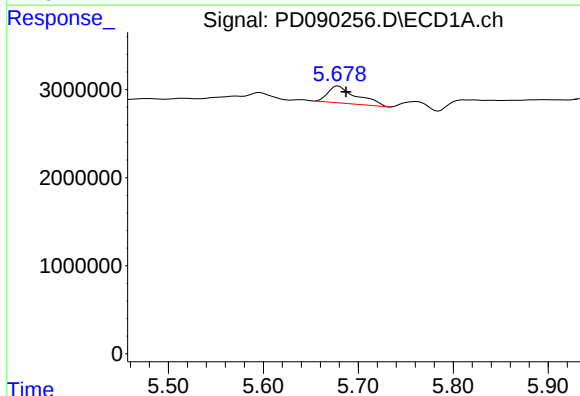
R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 4040080
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



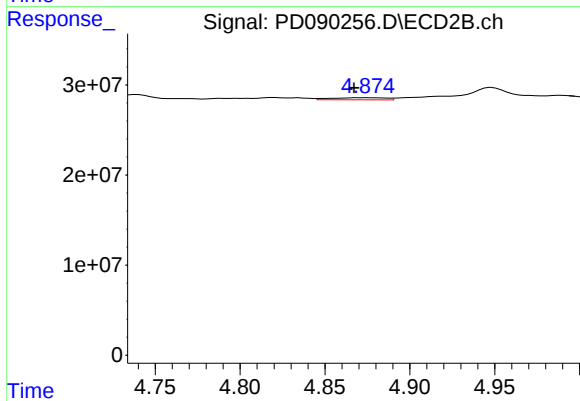
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 823027
Conc: 0.03 ng/ml



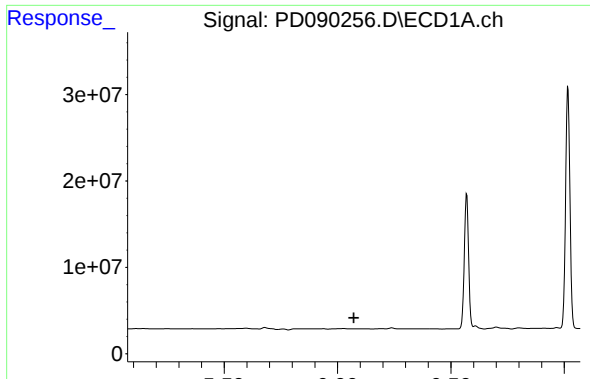
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.008 min
Response: 4086721
Conc: 0.83 ng/ml



#8 Heptachlor epoxide

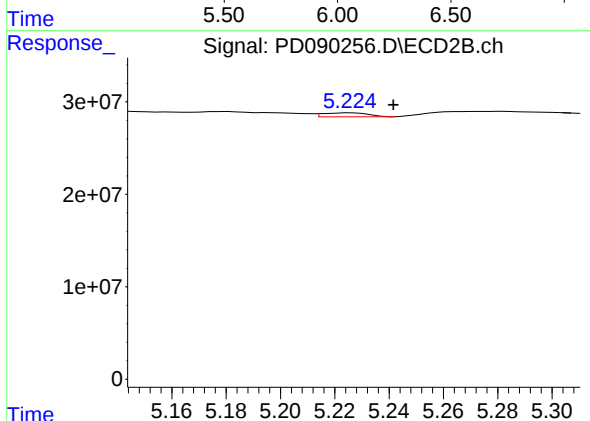
R.T.: 4.875 min
Delta R.T.: 0.008 min
Response: 5551088
Conc: 0.20 ng/ml



#9 Endosulfan I

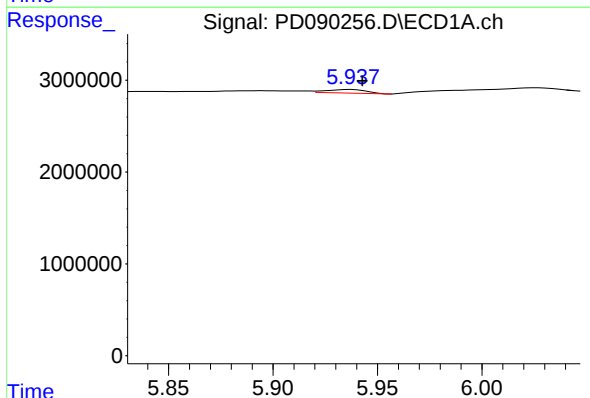
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



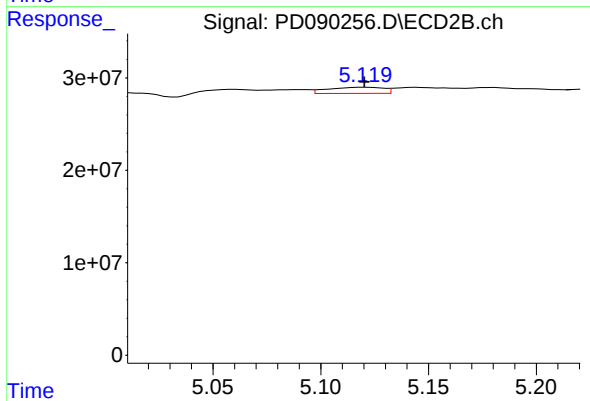
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: -0.016 min
Response: 5081522
Conc: 0.19 ng/ml



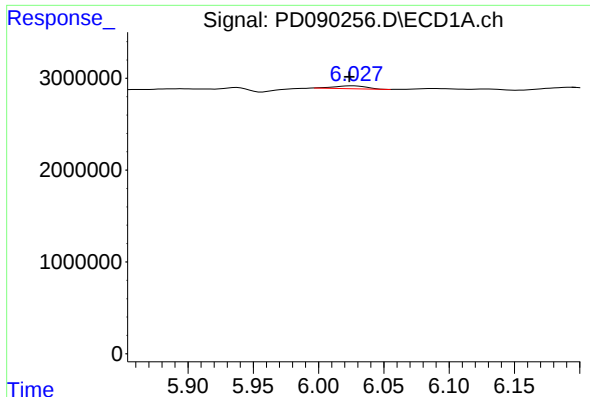
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.005 min
Response: 512699
Conc: 0.10 ng/ml



#10 gamma-Chlordane

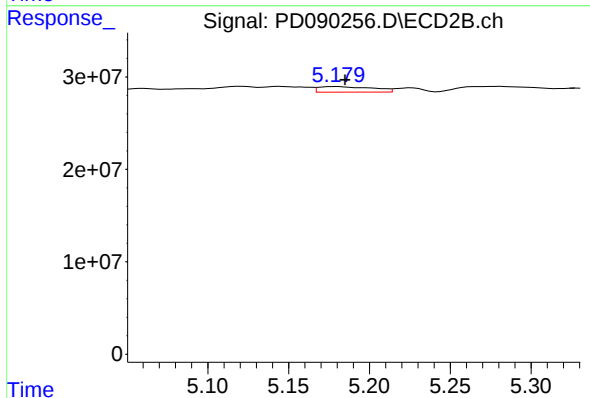
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 11867951
Conc: 0.40 ng/ml



#11 alpha-Chlordane

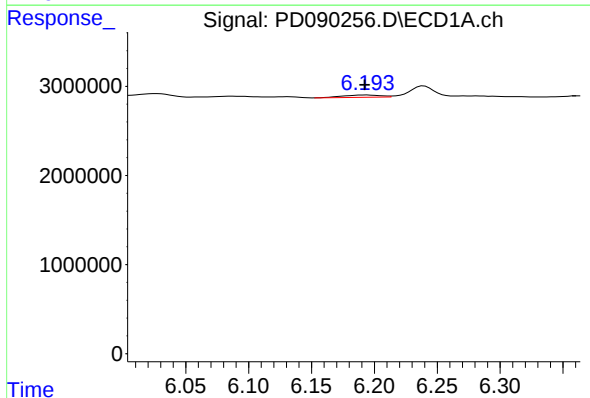
R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 529654
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



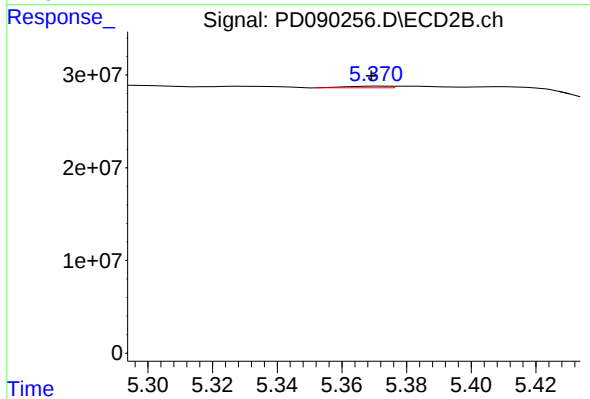
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 14000856
Conc: 0.49 ng/ml



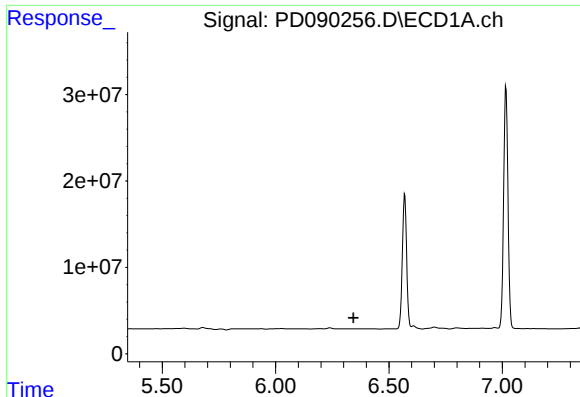
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 512987
Conc: 0.12 ng/ml



#12 4,4'-DDE

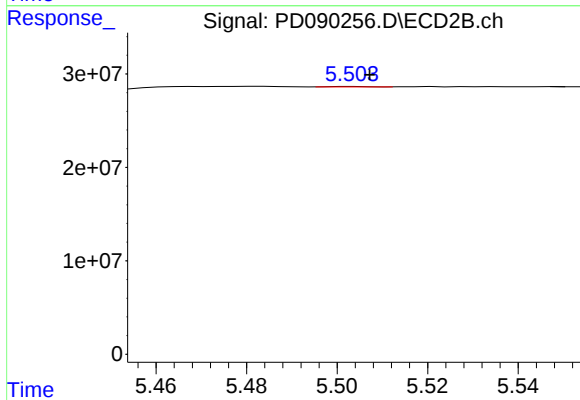
R.T.: 5.371 min
Delta R.T.: 0.002 min
Response: 1688693
Conc: 0.06 ng/ml



#13 Dieldrin

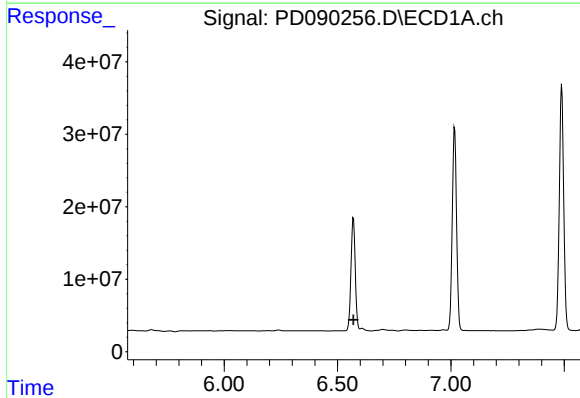
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



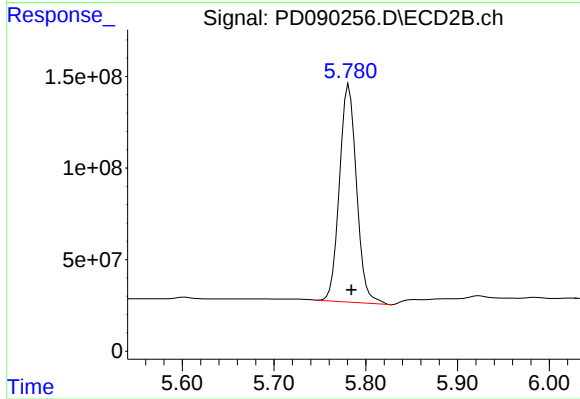
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 271449
Conc: 0.01 ng/ml



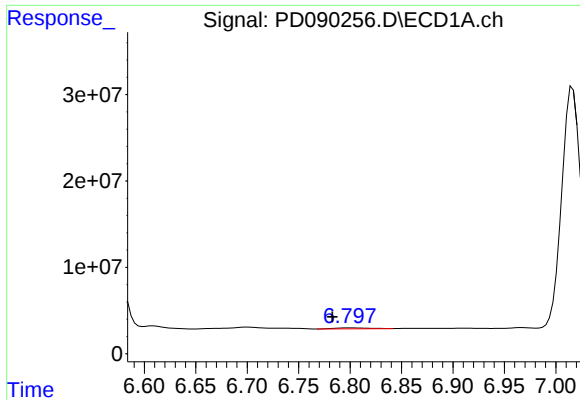
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

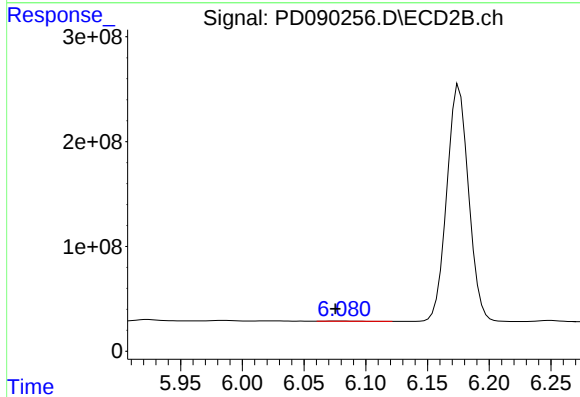
R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 1540423239
Conc: 57.84 ng/ml



#15 Endosulfan II

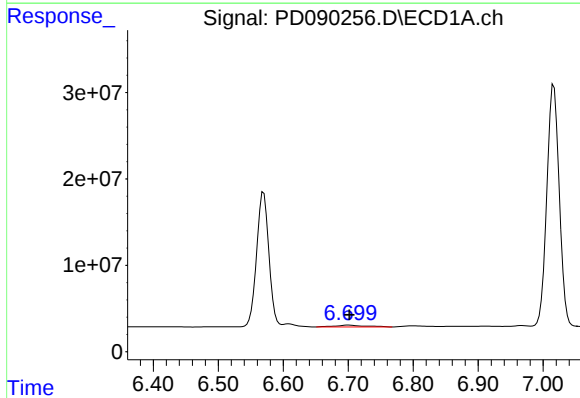
R.T.: 6.799 min
Delta R.T.: 0.016 min
Response: 2926093
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



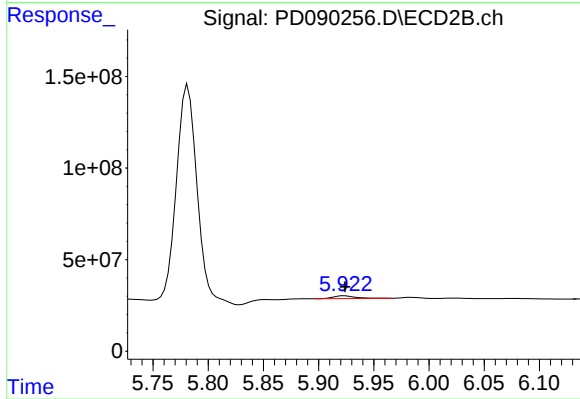
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 3658691
Conc: 0.14 ng/ml



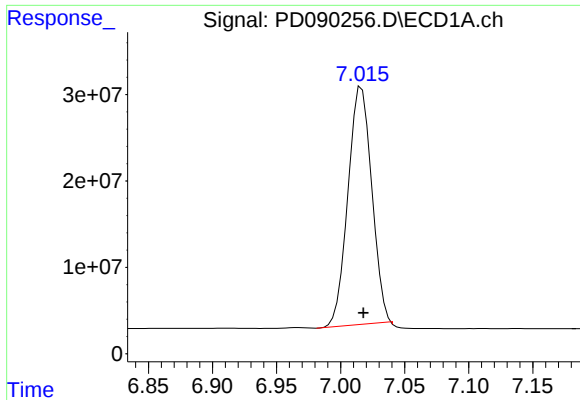
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 6837722
Conc: 1.98 ng/ml



#16 4,4'-DDD

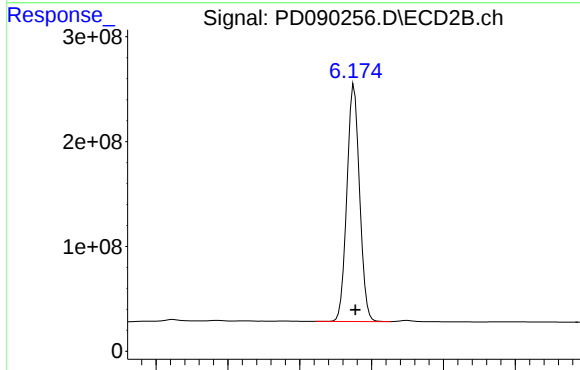
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 21833222
Conc: 0.91 ng/ml



#17 4,4'-DDT

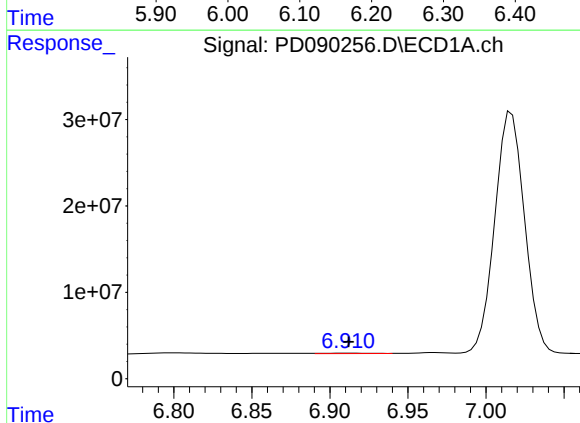
R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 355469511
Conc: 93.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



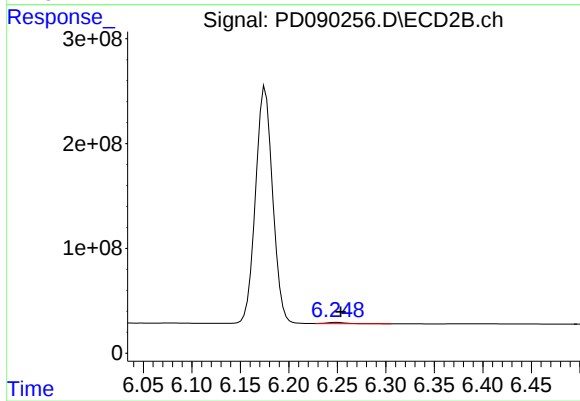
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 2773787849
Conc: 110.64 ng/ml



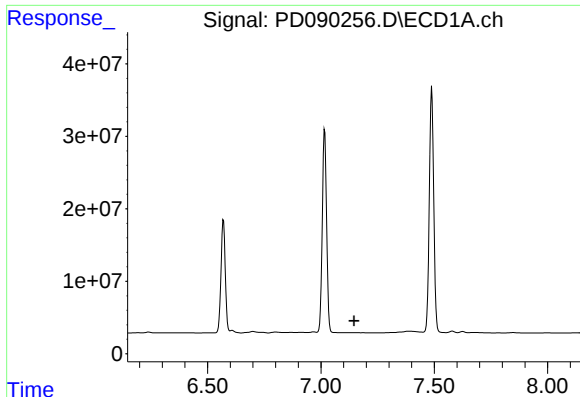
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 709630
Conc: 0.25 ng/ml



#18 Endrin aldehyde

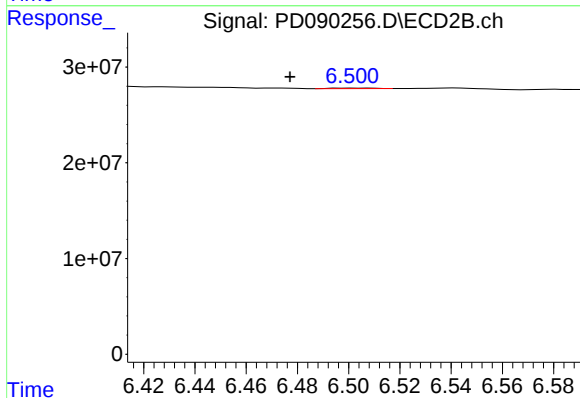
R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 17235919
Conc: 1.00 ng/ml



#19 Endosulfan Sulfate

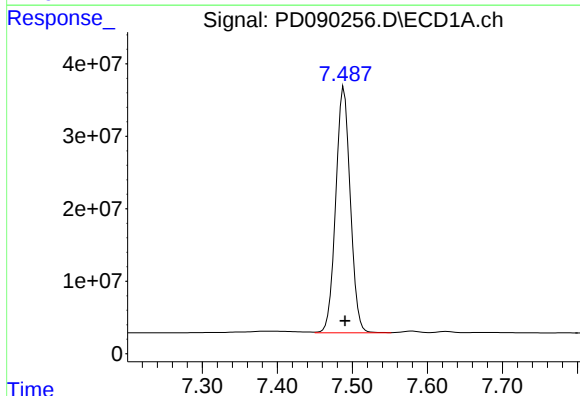
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



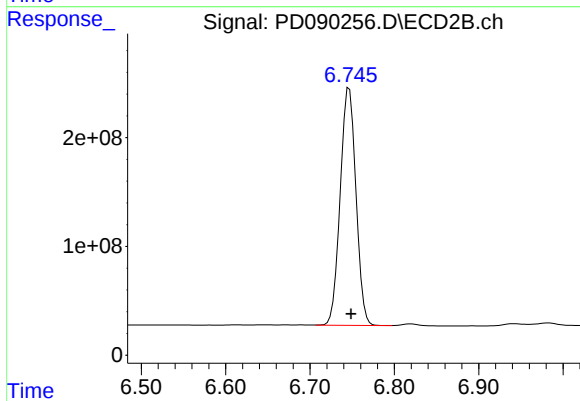
#19 Endosulfan Sulfate

R.T.: 6.503 min
Delta R.T.: 0.026 min
Response: 436139
Conc: 0.02 ng/ml



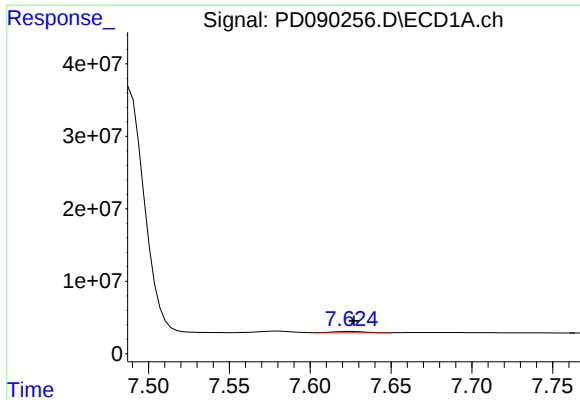
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 458186253
Conc: 228.45 ng/ml



#20 Methoxychlor

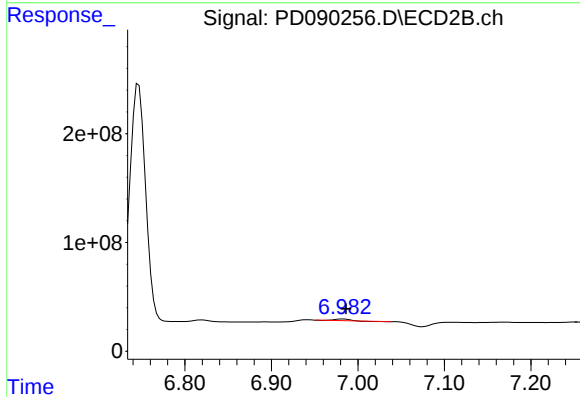
R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2834014275
Conc: 219.76 ng/ml



#21 Endrin ketone

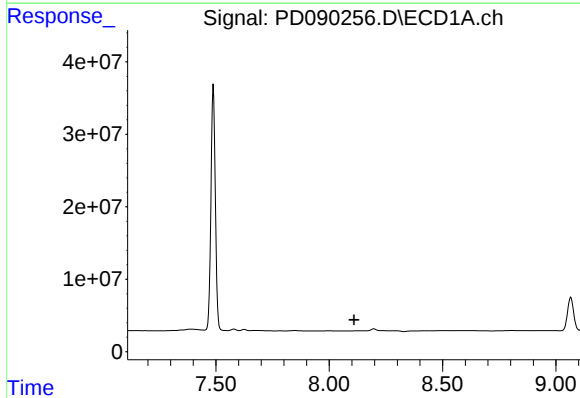
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 2971169
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



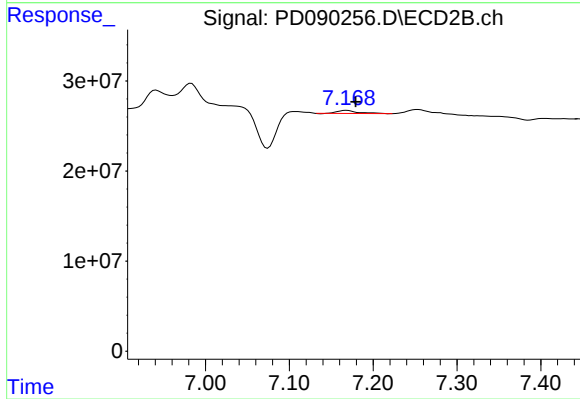
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 13160337
Conc: 0.49 ng/ml



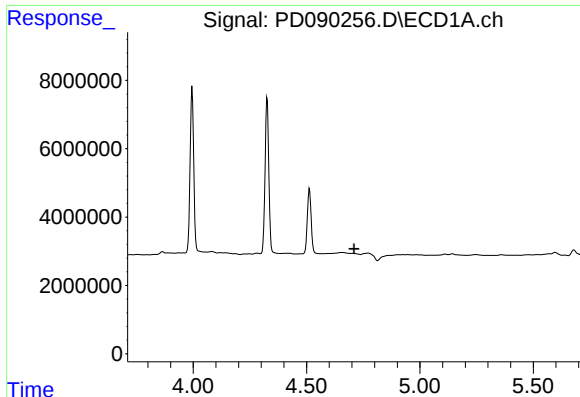
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

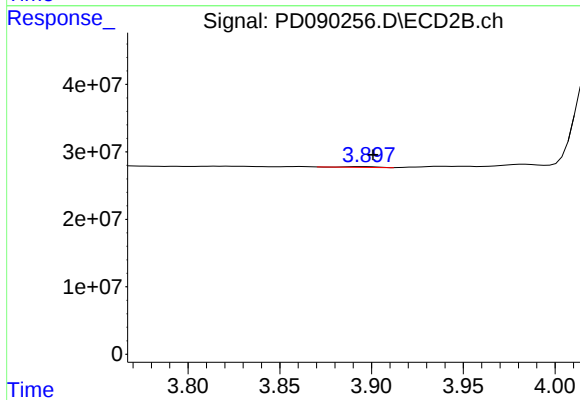
R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 5836295
Conc: 0.28 ng/ml



#23 Chlordane-1

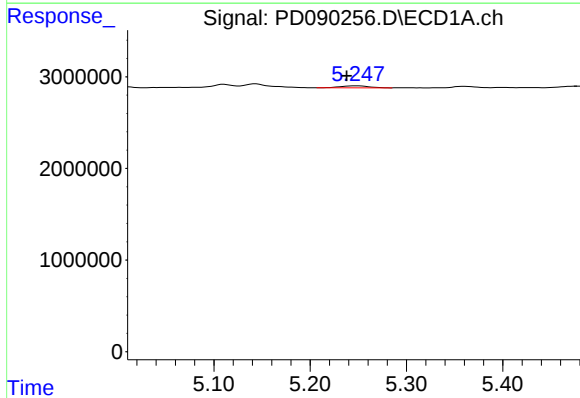
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HEXANE



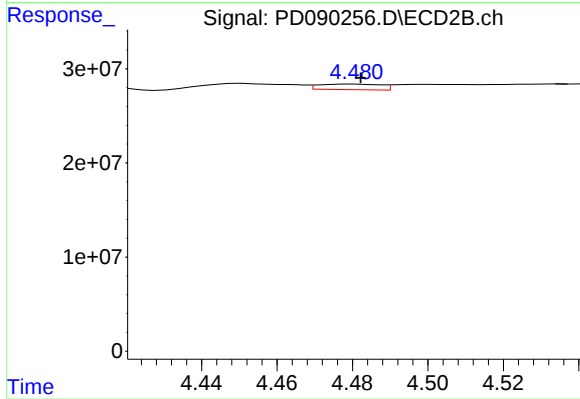
#23 Chlordane-1

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 1424590
Conc: 1.60 ng/ml



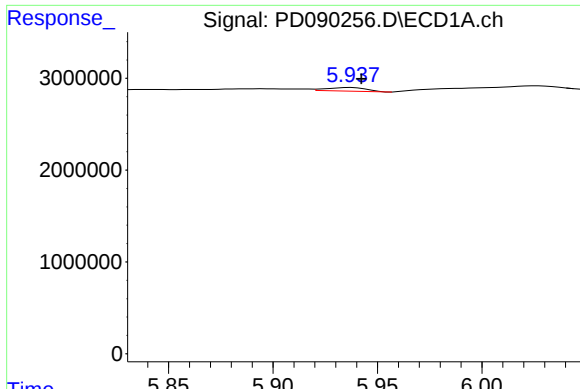
#24 Chlordane-2

R.T.: 5.248 min
Delta R.T.: 0.010 min
Response: 457546
Conc: 2.60 ng/ml



#24 Chlordane-2

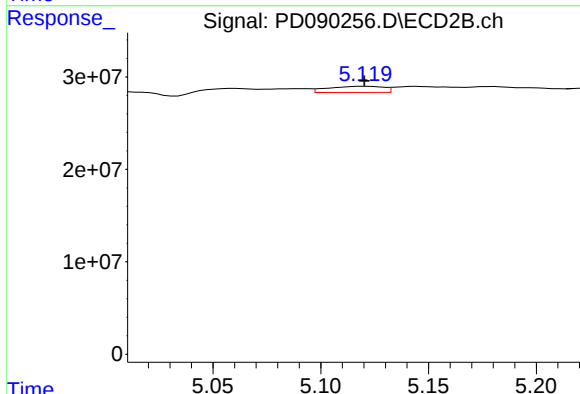
R.T.: 4.480 min
Delta R.T.: -0.002 min
Response: 6692402
Conc: 6.99 ng/ml



#25 Chlordane-3

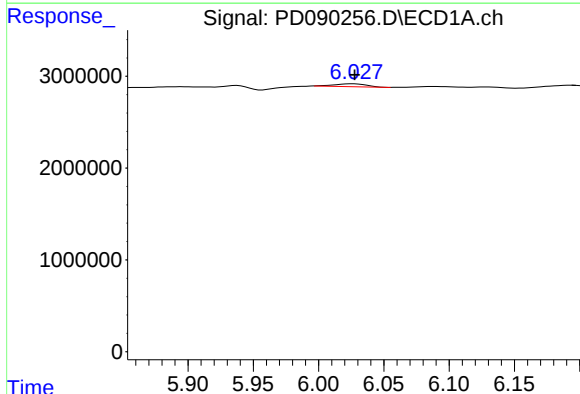
R.T.: 5.938 min
Delta R.T.: -0.005 min
Response: 512699
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



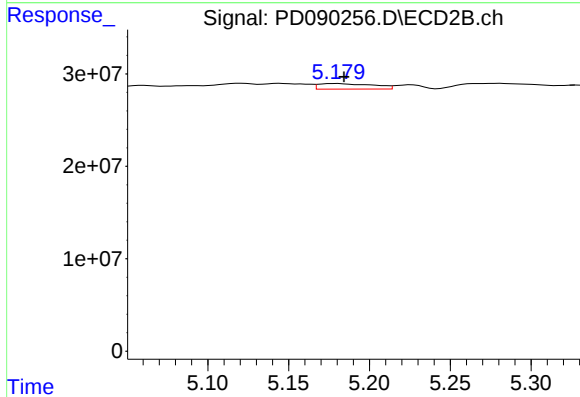
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 11867951
Conc: 4.28 ng/ml



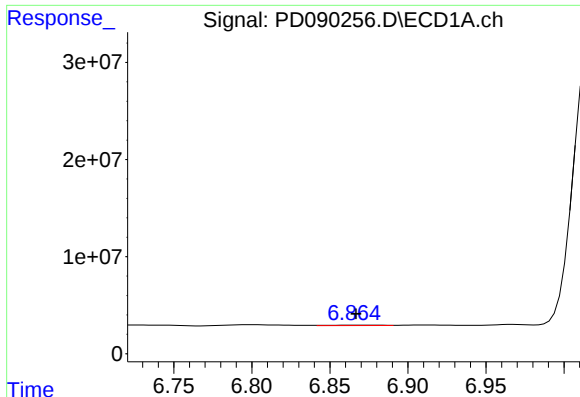
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 529654
Conc: 0.64 ng/ml



#26 Chlordane-4

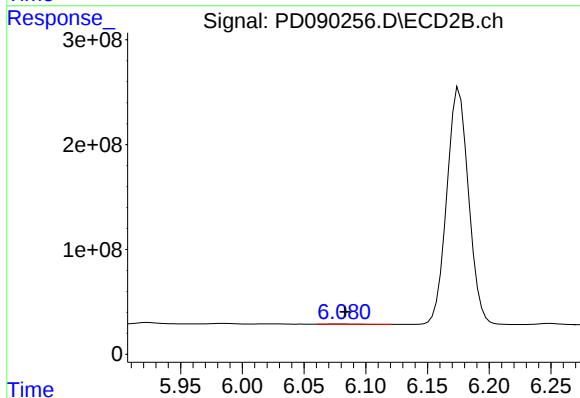
R.T.: 5.180 min
Delta R.T.: -0.004 min
Response: 14000856
Conc: 5.82 ng/ml



#27 Chlordane-5

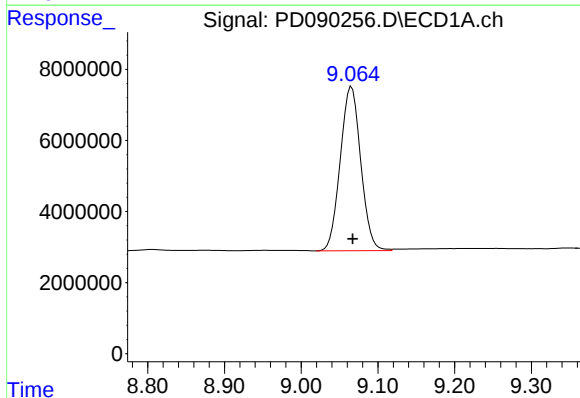
R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 1017261
Conc: 7.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
HEXANE



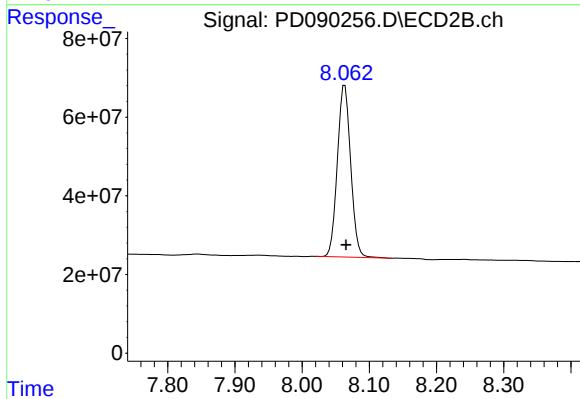
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: -0.008 min
Response: 3658691
Conc: 3.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 85978698
Conc: 19.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 598381094
Conc: 23.12 ng/ml