Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
Data File : PD082228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2024 15:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 01:32:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 16:01:04 2024
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...	3.566	2.777	28025483	55497909	19.563	22.582	
28)	SA Decachlor...	9.119	7.910	36332616	44436462	19.142	20.413	
	Target Compounds							
2)	A alpha-BHC	4.023	3.277	22025027	41818789	8.864	11.146	#
3)	MA gamma-BHC...	4.357	3.606	21497975	36950269	8.810	10.484	
4)	MA Heptachlor	4.966f	0.000	38776	0	0.016	N.D.	#
5)	MB Aldrin	0.000	4.237	0	1255917	N.D.	0.371	#
6)	B beta-BHC	4.553	3.902	9799682	17970658	9.663	12.155	#
7)	B delta-BHC	4.792	0.000	597466	0	0.258	N.D.	#
8)	B Heptachlo...	5.716	4.697f	4707025	657969	2.095	0.225	#
9)	A Endosulfan I	6.139f	0.000	578099	0	0.276	N.D.	#
10)	B gamma-Chl...	5.996f	4.968	852607	448639	0.386	0.154	#
11)	B alpha-Chl...	6.038f	5.044	856670	650272	0.390	0.221	#
12)	B 4,4'-DDE	6.229	5.232	180893	619667	0.086	0.235	#
13)	MA Dieldrin	6.399f	5.362	188456	450318	0.087	0.158	#
14)	MA Endrin	6.615	5.635	69992903	120.2E6	39.227	49.541	#
15)	B Endosulfa...	6.845	5.945f	874073	86813	0.475	0.036	#
16)	A 4,4'-DDD	6.747	5.783	1075421	1856144	0.701	0.888	#
17)	MA 4,4'-DDT	7.062	6.033	140.0E6	232.9E6	87.872	110.662	#
18)	B Endrin al...	6.964	6.108	1936405	4420178	1.399	2.409	#
19)	B Endosulfa...	0.000	6.321	0	230848	N.D.	0.100	#
20)	A Methoxychlor	7.538	6.608	174.9E6	264.0E6	196.988	231.098	
21)	B Endrin ke...	7.686	6.835	4102010	7379175	2.269	2.779	
23)	Chlordane-1	0.000	3.805f	0	305731	N.D.	3.113	#
24)	Chlordane-2	0.000	4.350	0	1241915	N.D.	11.171	#
25)	Chlordane-3	5.996	4.968	852607	448639	2.680	1.513	#
26)	Chlordane-4	6.075	5.044	782087	650272	2.045	2.249	
27)	Chlordane-5	0.000	5.945	0	86813	N.D.	0.886	#

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

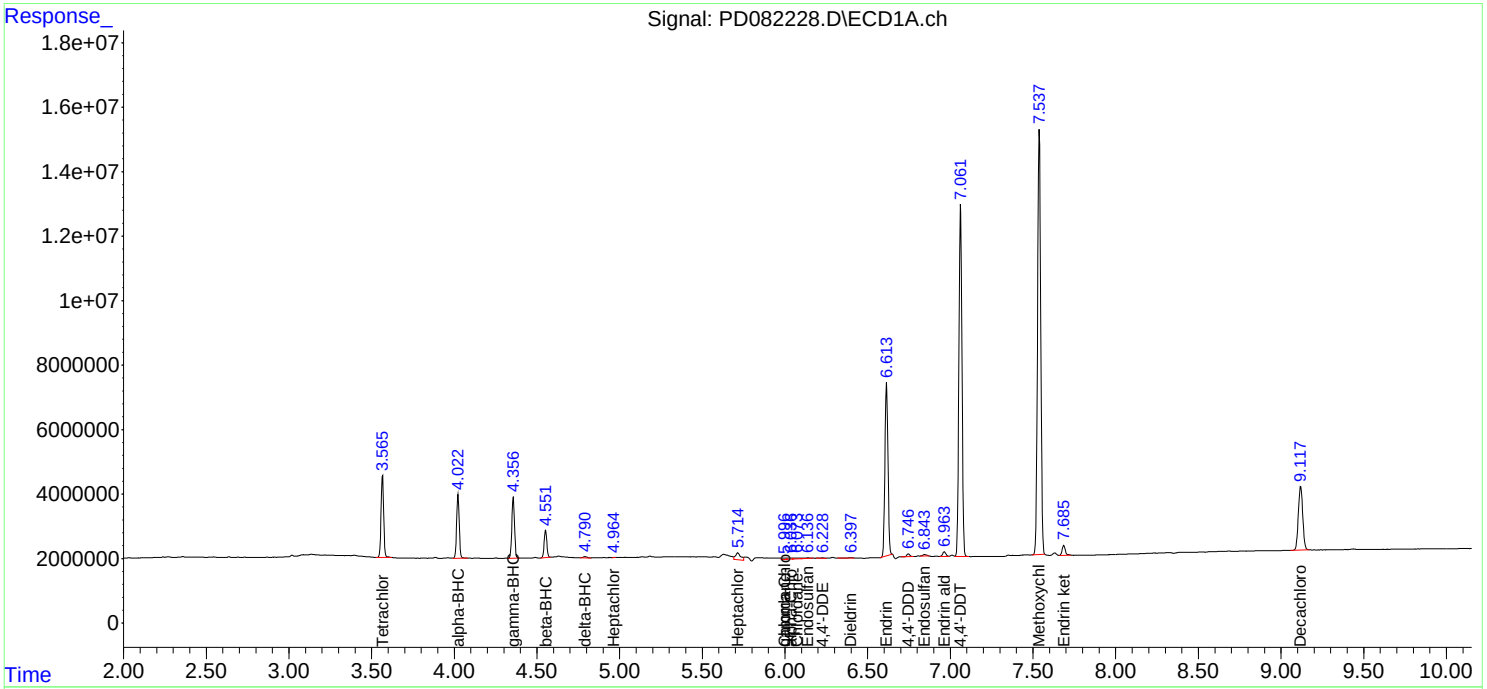
Quantitation Report (Not Reviewed)

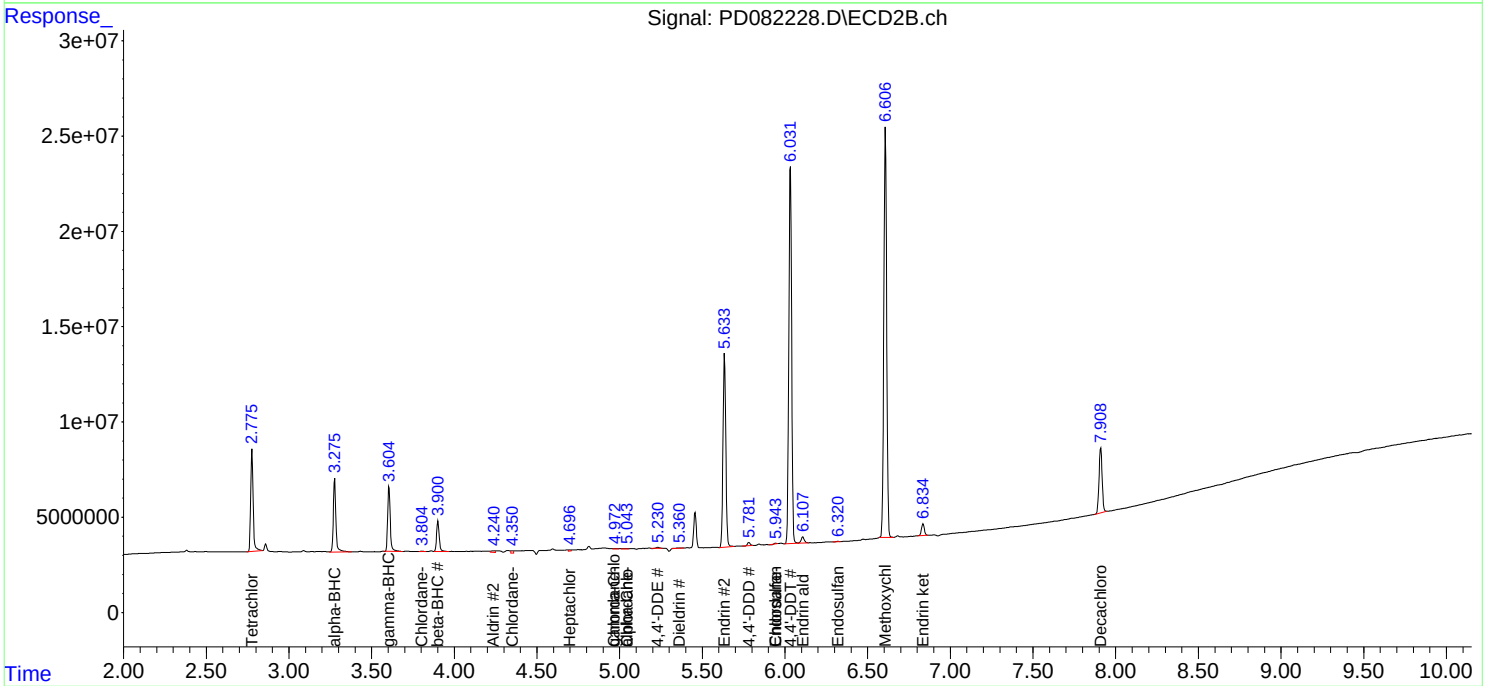
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
Data File : PD082228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2024 15:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

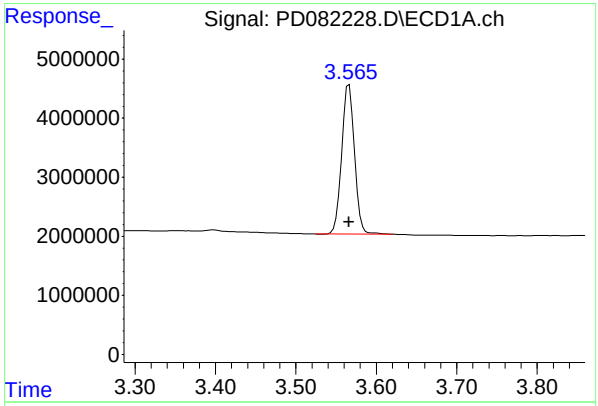
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 01:32:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 16:01:04 2024
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



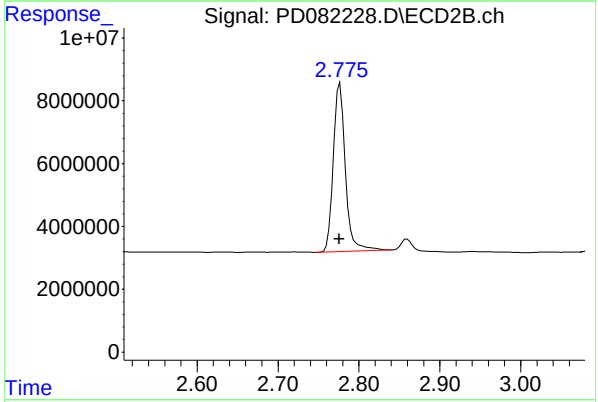




#1 Tetrachloro-m-xylene

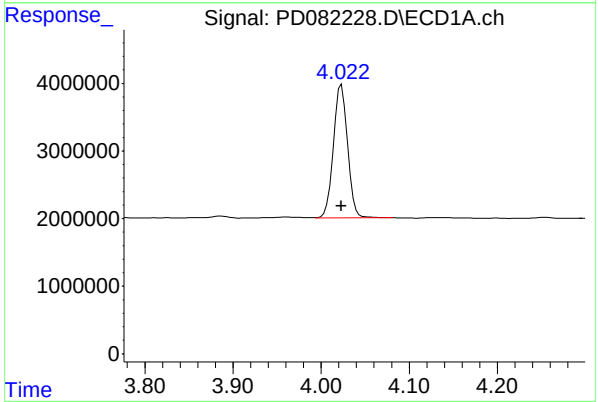
R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 28025483
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



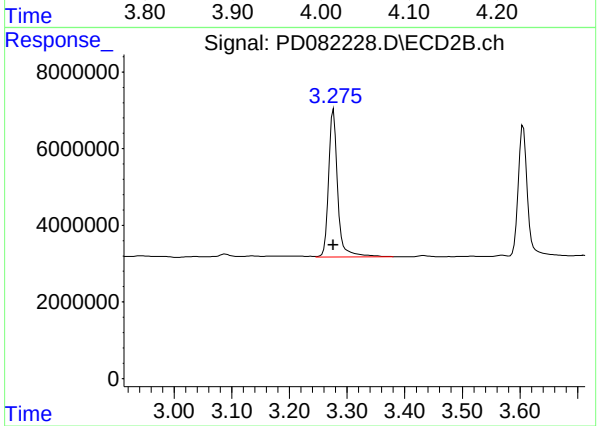
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 55497909
Conc: 22.58 ng/ml



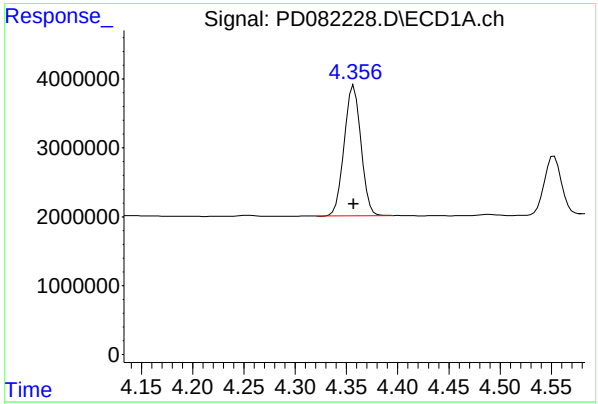
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 22025027
Conc: 8.86 ng/ml



#2 alpha-BHC

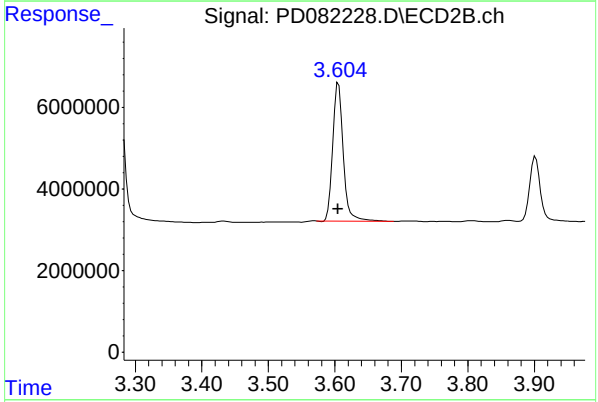
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 41818789
Conc: 11.15 ng/ml



#3 gamma-BHC (Lindane)

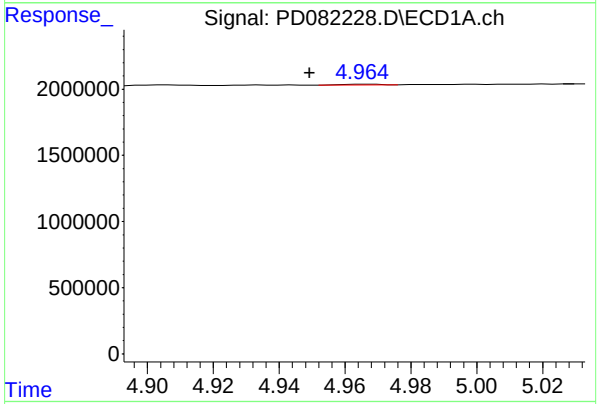
R.T.: 4.357 min
Delta R.T.: 0.000 mi
Response: 21497975
Conc: 8.81 ng/m

Instrument :
ECD_D
ClientSampleId :
PEM



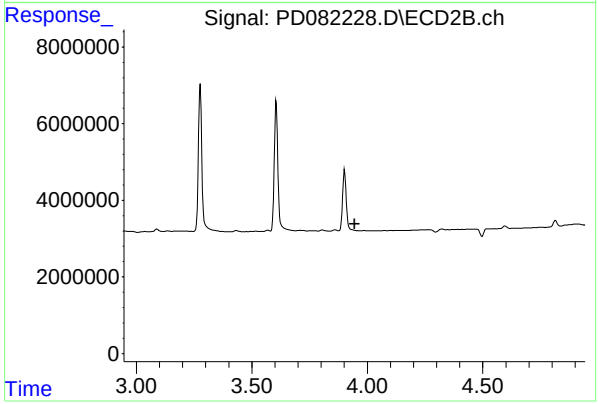
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 36950269
Conc: 10.48 ng/ml



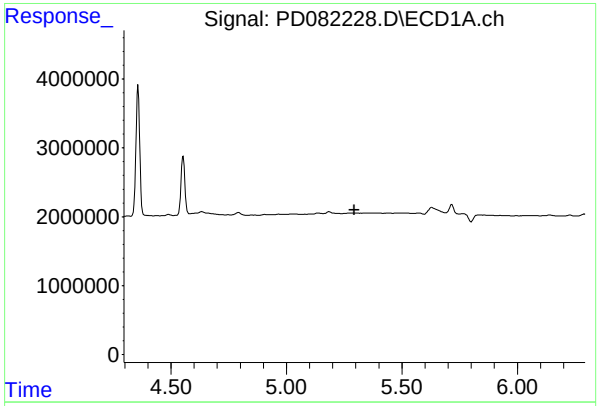
#4 Heptachlor

R.T.: 4.966 min
Delta R.T.: 0.017 min
Response: 38776
Conc: 0.02 ng/ml



#4 Heptachlor

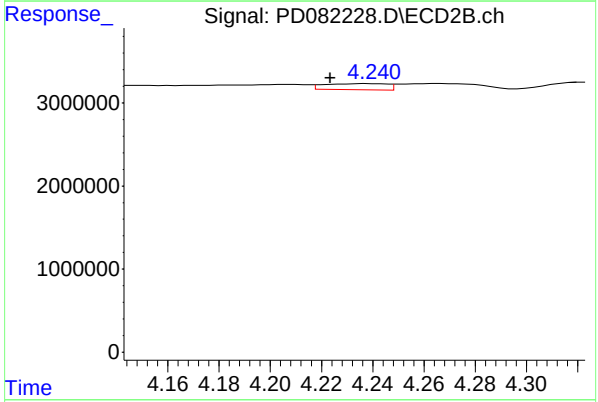
R.T.: 0.000 min
Exp R.T. : 3.944 min
Response: 0
Conc: N.D.



#5 Aldrin

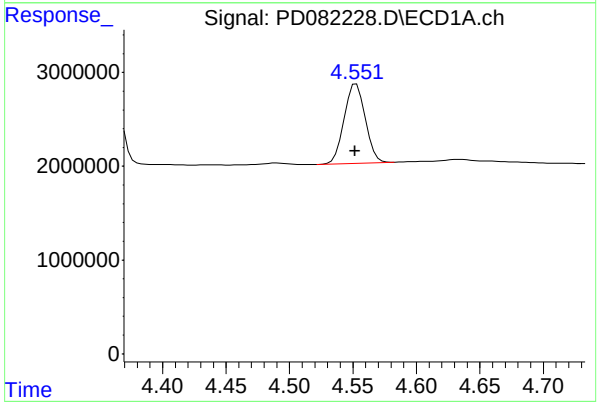
R.T.: 0.000 min
Exp R.T. : 5.293 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



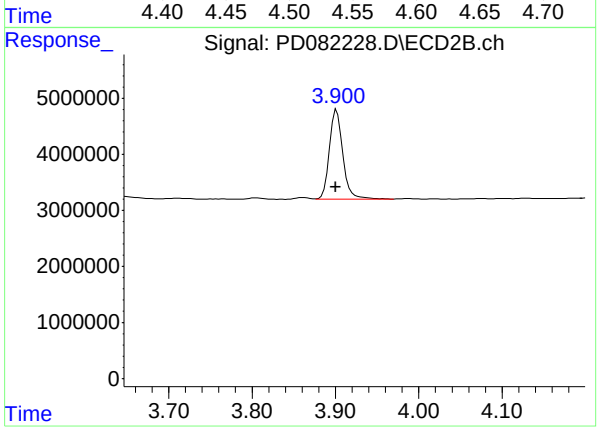
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: 0.014 min
Response: 1255917
Conc: 0.37 ng/ml



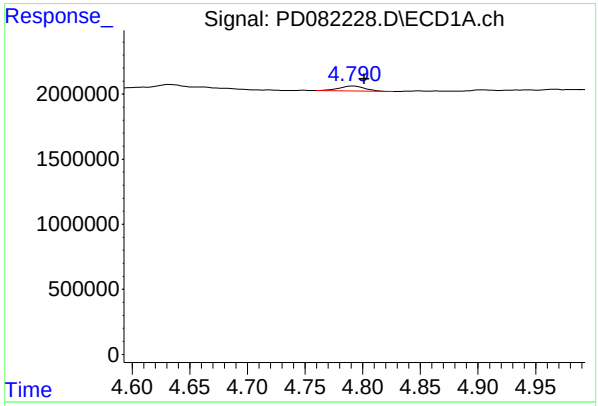
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 9799682
Conc: 9.66 ng/ml



#6 beta-BHC

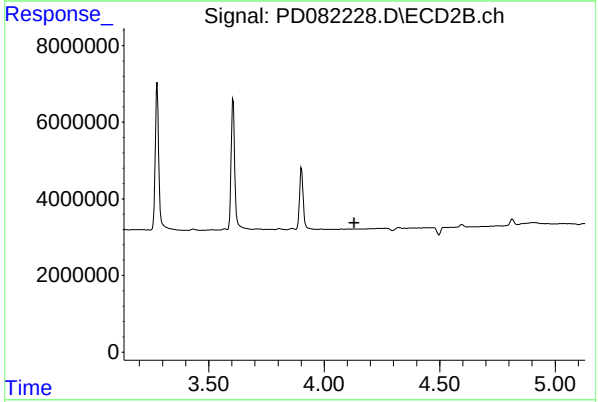
R.T.: 3.902 min
Delta R.T.: 0.001 min
Response: 17970658
Conc: 12.15 ng/ml



#7 delta-BHC

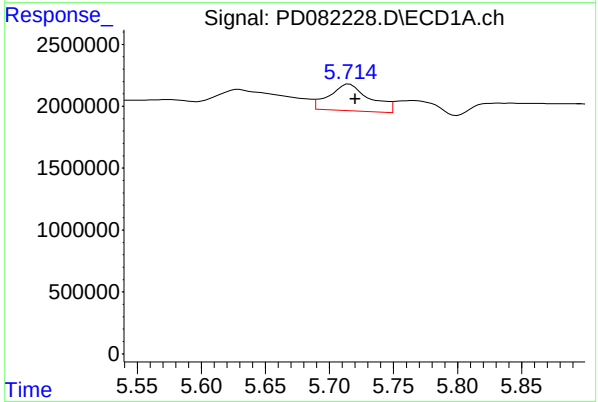
R.T.: 4.792 min
Delta R.T.: -0.010 mi
Response: 597466
Conc: 0.26 ng/m

Instrument :
ECD_D
ClientSampleId :
PEM



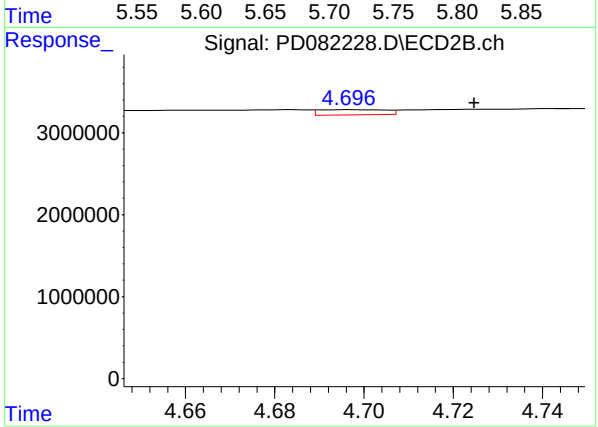
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.130 min
Response: 0
Conc: N.D.



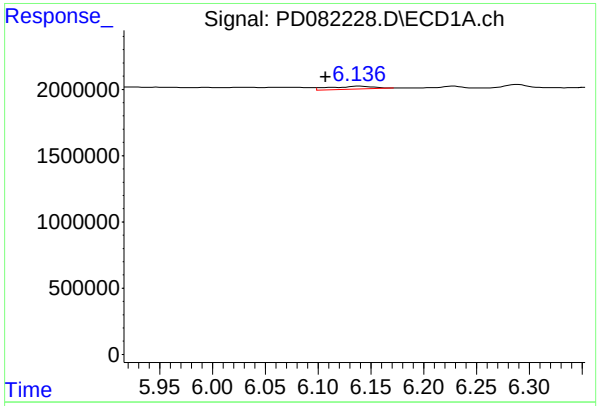
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.005 min
Response: 4707025
Conc: 2.10 ng/ml



#8 Heptachlor epoxide

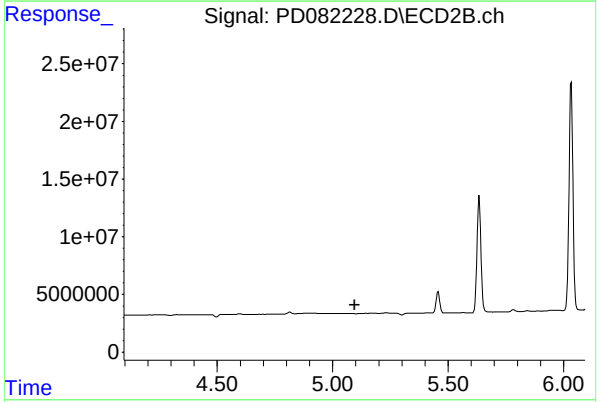
R.T.: 4.697 min
Delta R.T.: -0.028 min
Response: 657969
Conc: 0.23 ng/ml



#9 Endosulfan I

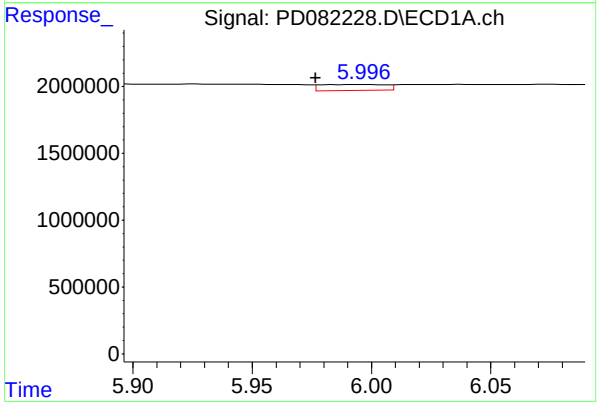
R.T.: 6.139 min
Delta R.T.: 0.031 min
Response: 578099
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



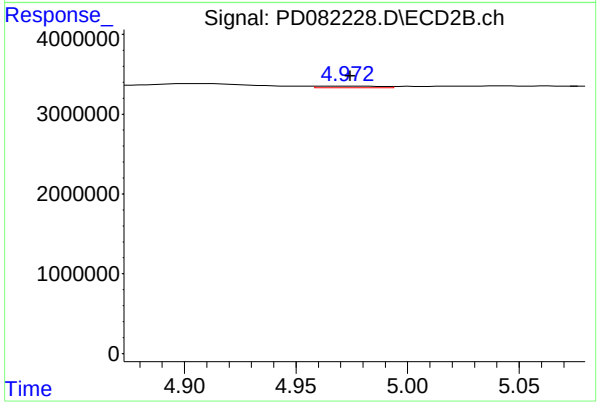
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.094 min
Response: 0
Conc: N.D.



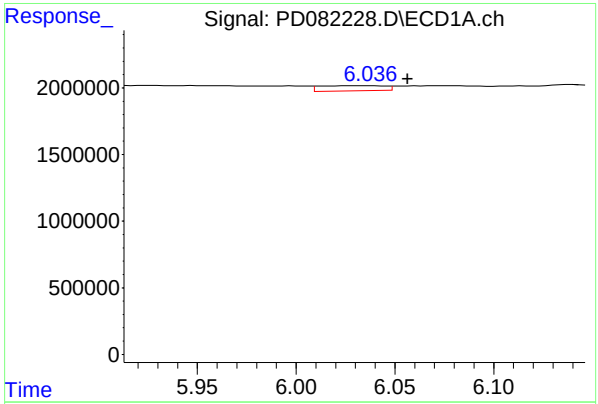
#10 gamma-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.020 min
Response: 852607
Conc: 0.39 ng/ml



#10 gamma-Chlordane

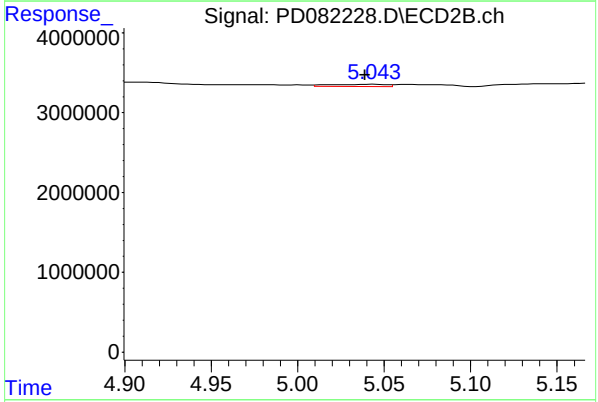
R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 448639
Conc: 0.15 ng/ml



#11 alpha-Chlordane

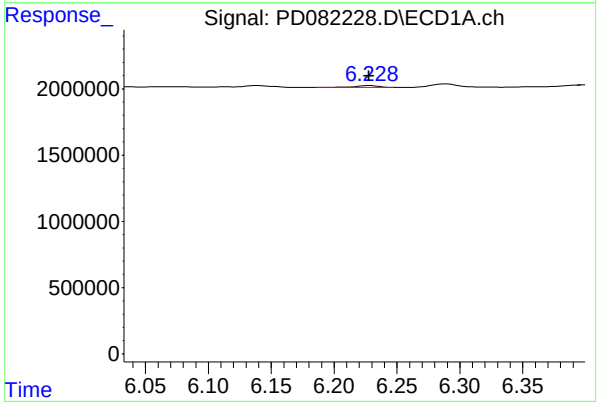
R.T.: 6.038 min
Delta R.T.: -0.019 min
Response: 856670
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



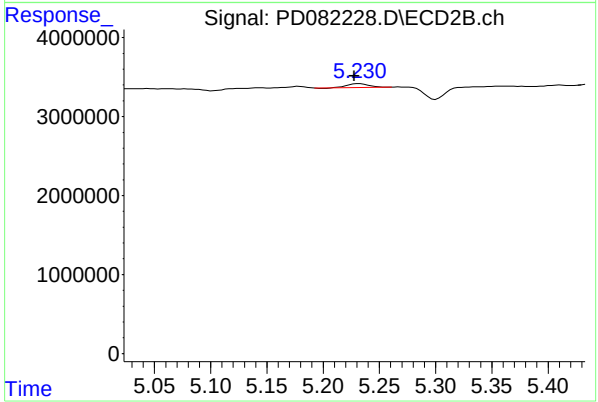
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.005 min
Response: 650272
Conc: 0.22 ng/ml



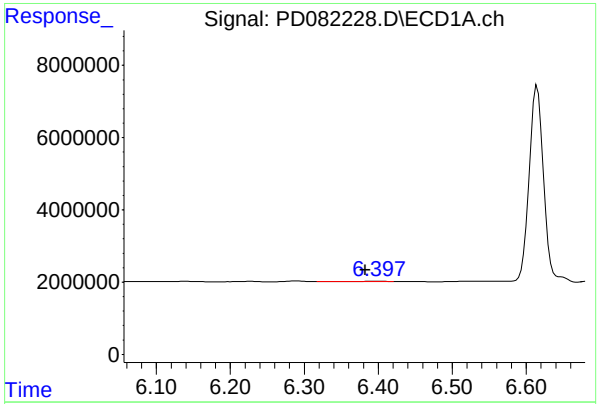
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 180893
Conc: 0.09 ng/ml



#12 4,4'-DDE

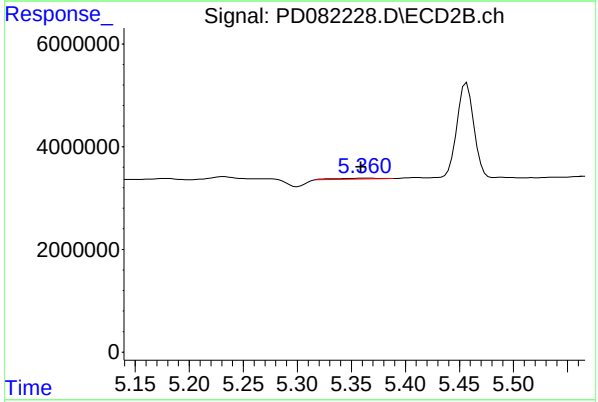
R.T.: 5.232 min
Delta R.T.: 0.004 min
Response: 619667
Conc: 0.23 ng/ml



#13 Dieldrin

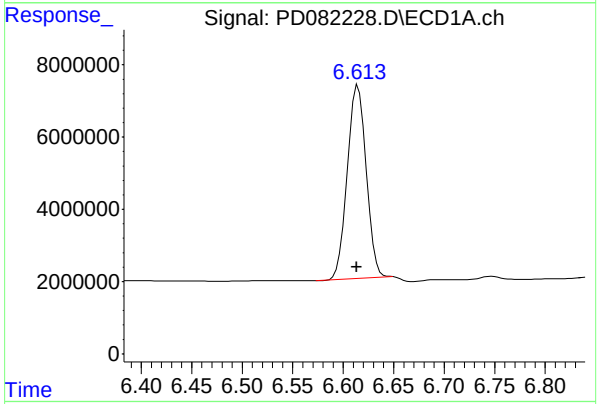
R.T.: 6.399 min
Delta R.T.: 0.016 min
Response: 188456
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



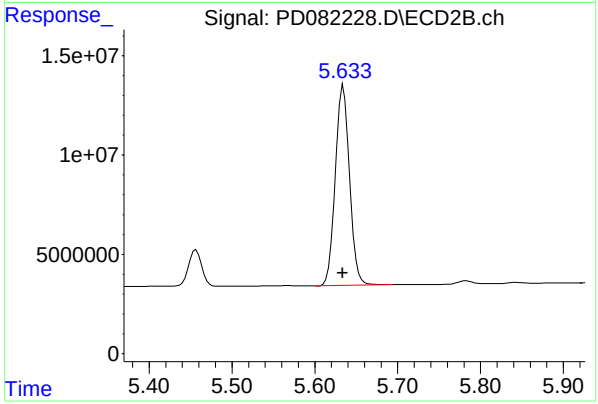
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.003 min
Response: 450318
Conc: 0.16 ng/ml



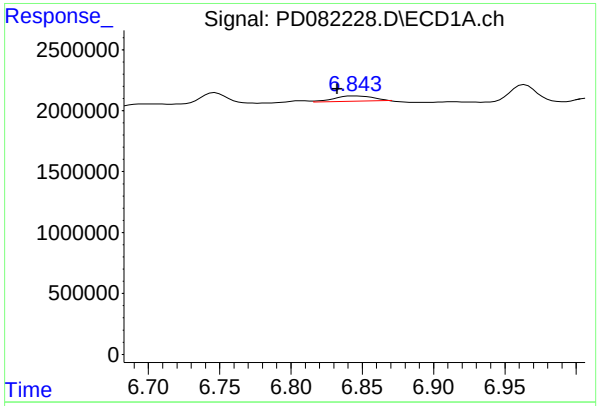
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 69992903
Conc: 39.23 ng/ml



#14 Endrin

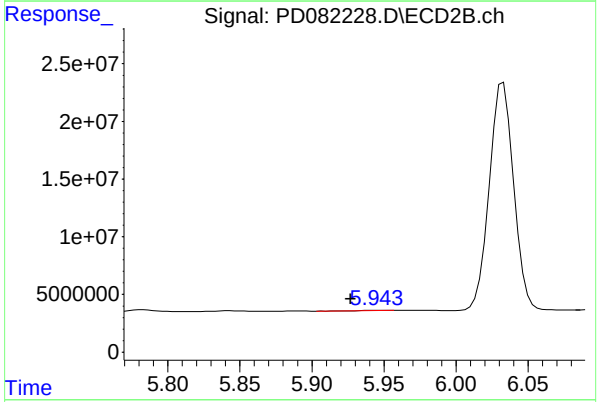
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 120213860
Conc: 49.54 ng/ml



#15 Endosulfan II

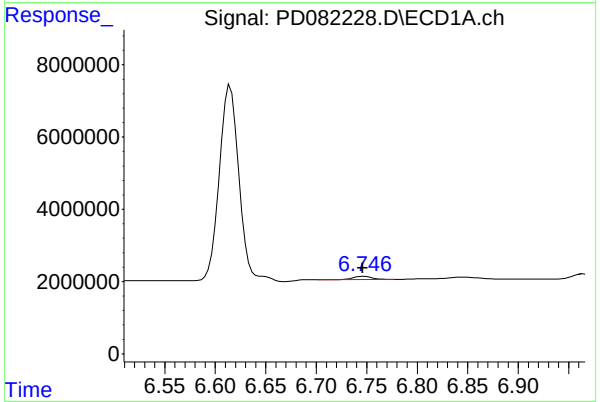
R.T.: 6.845 min
Delta R.T.: 0.013 min
Response: 874073
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



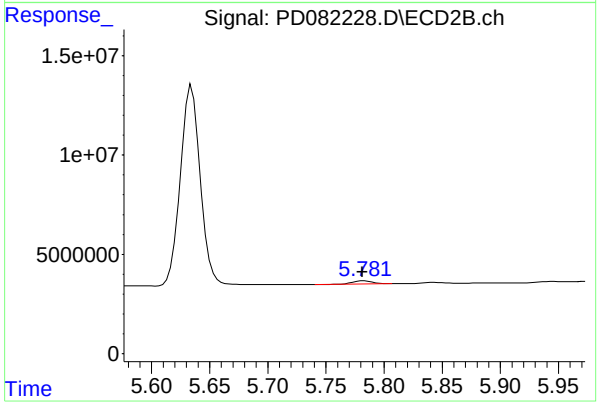
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.018 min
Response: 86813
Conc: 0.04 ng/ml



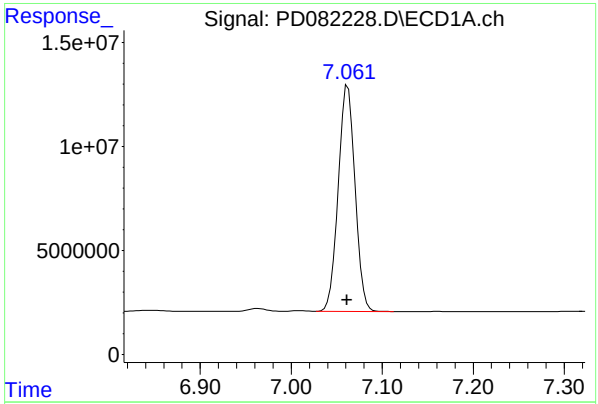
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 1075421
Conc: 0.70 ng/ml



#16 4,4'-DDD

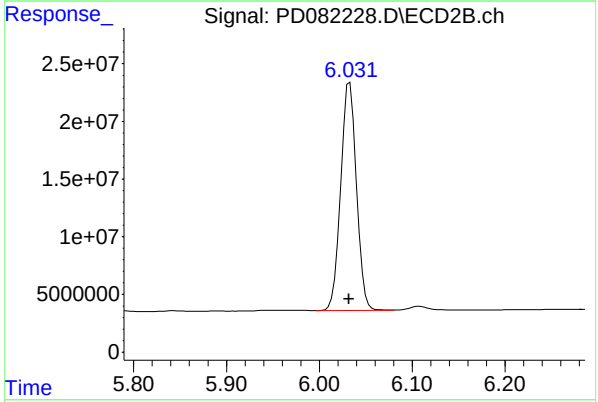
R.T.: 5.783 min
Delta R.T.: 0.001 min
Response: 1856144
Conc: 0.89 ng/ml



#17 4,4'-DDT

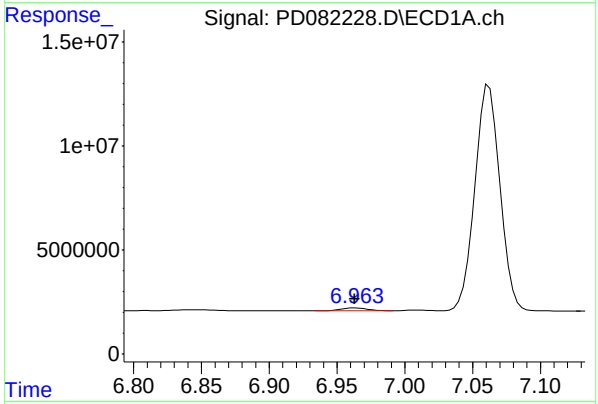
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 140026064
Conc: 87.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



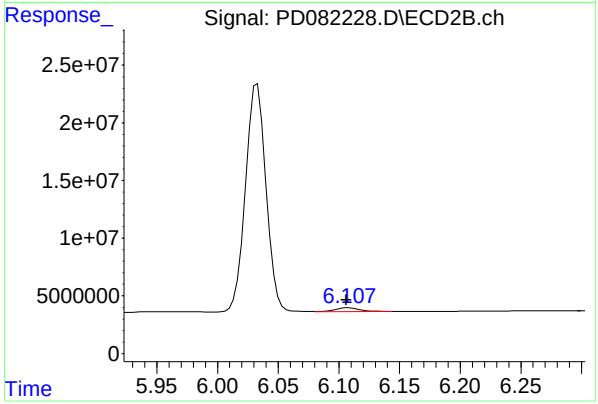
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 232859887
Conc: 110.66 ng/ml



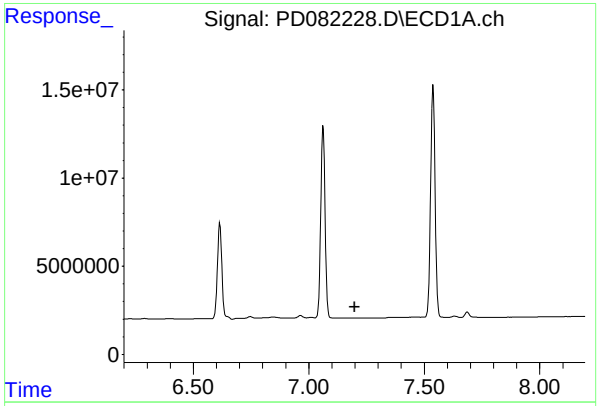
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 1936405
Conc: 1.40 ng/ml



#18 Endrin aldehyde

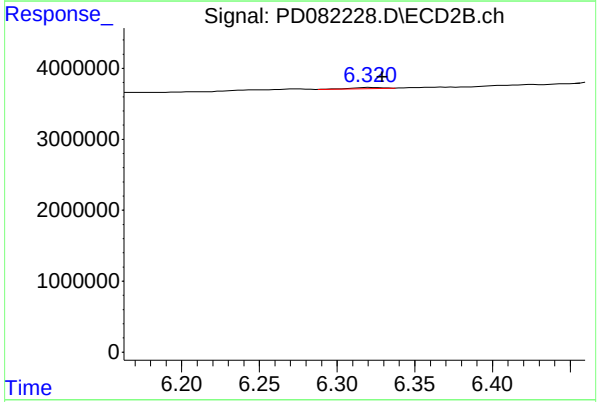
R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 4420178
Conc: 2.41 ng/ml



#19 Endosulfan Sulfate

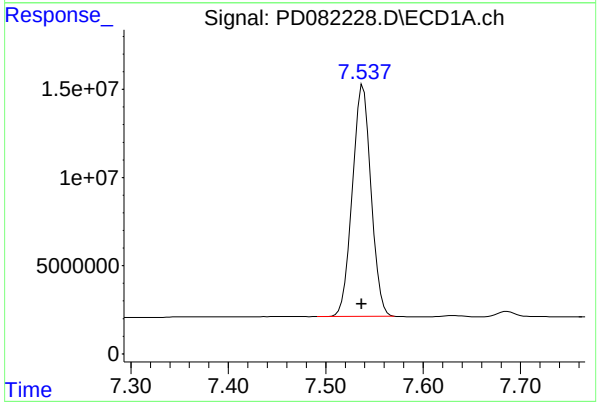
R.T.: 0.000 min
Exp R.T. : 7.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



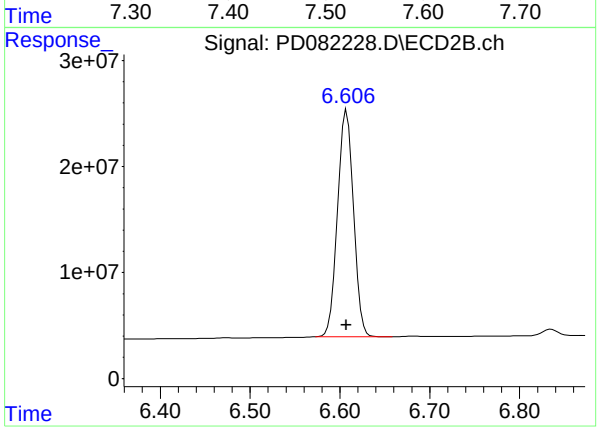
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.008 min
Response: 230848
Conc: 0.10 ng/ml



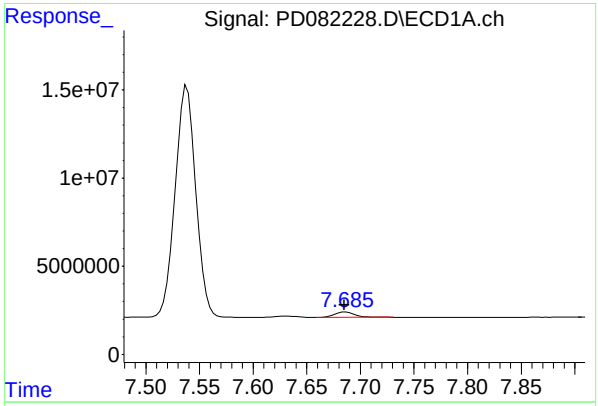
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.002 min
Response: 174876178
Conc: 196.99 ng/ml



#20 Methoxychlor

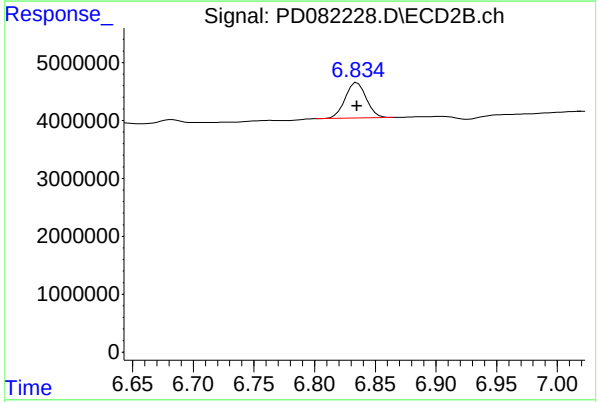
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 264021114
Conc: 231.10 ng/ml



#21 Endrin ketone

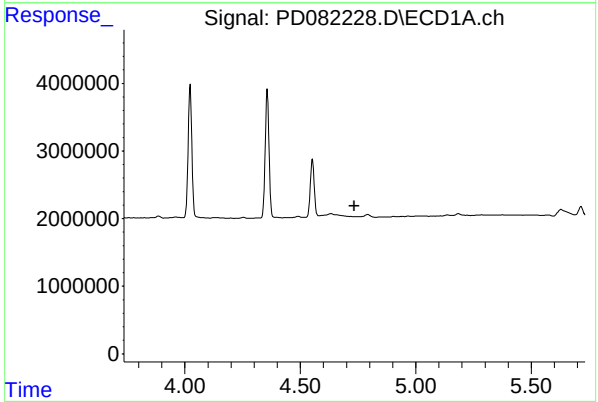
R.T.: 7.686 min
Delta R.T.: 0.001 min
Response: 4102010
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



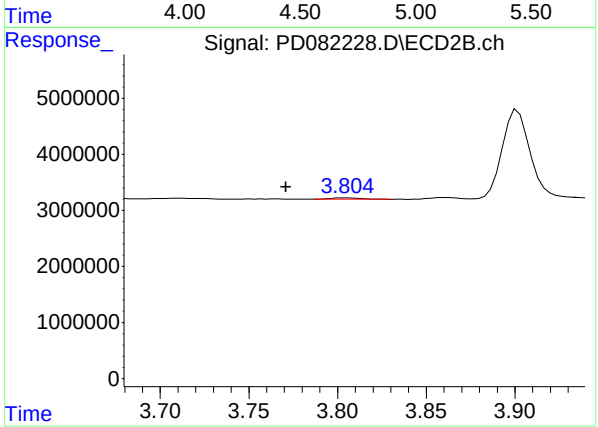
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 7379175
Conc: 2.78 ng/ml



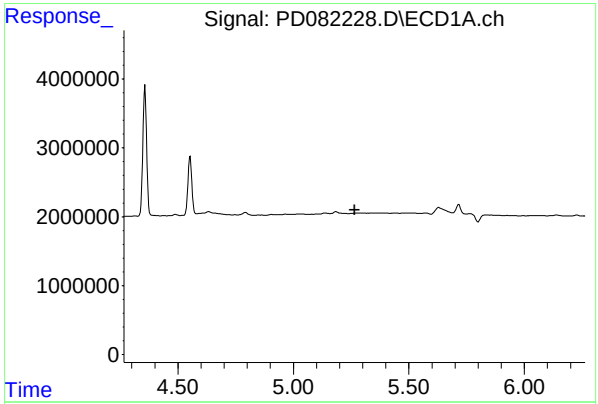
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#23 Chlordane-1

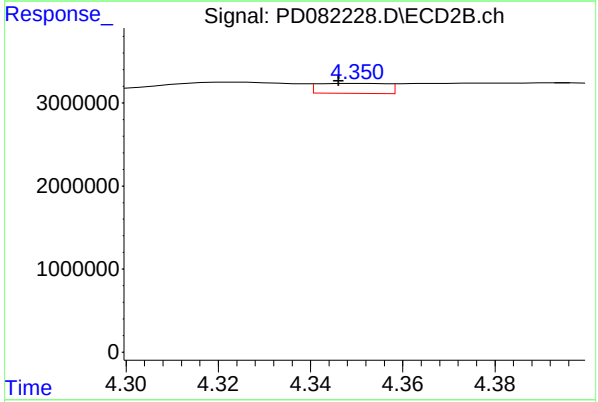
R.T.: 3.805 min
Delta R.T.: 0.035 min
Response: 305731
Conc: 3.11 ng/ml



#24 Chlordane-2

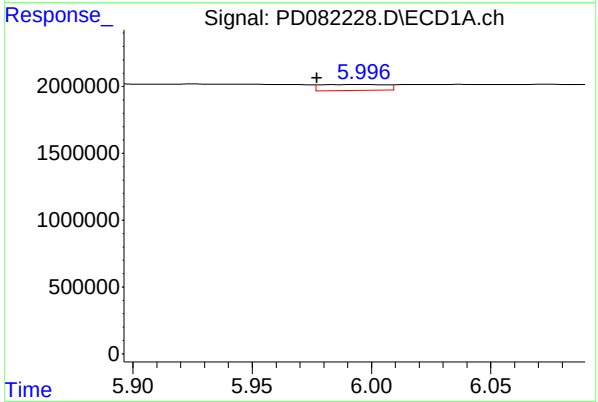
R.T.: 0.000 min
Exp R.T. : 5.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



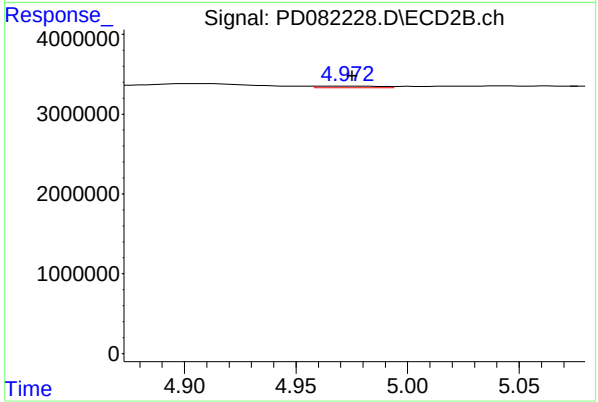
#24 Chlordane-2

R.T.: 4.350 min
Delta R.T.: 0.004 min
Response: 1241915
Conc: 11.17 ng/ml



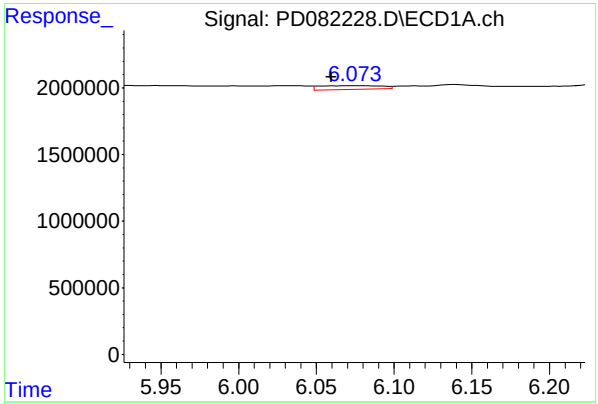
#25 Chlordane-3

R.T.: 5.996 min
Delta R.T.: 0.019 min
Response: 852607
Conc: 2.68 ng/ml



#25 Chlordane-3

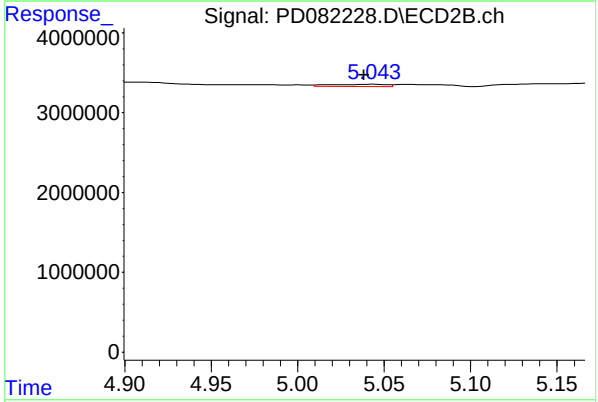
R.T.: 4.968 min
Delta R.T.: -0.007 min
Response: 448639
Conc: 1.51 ng/ml



#26 Chlordane-4

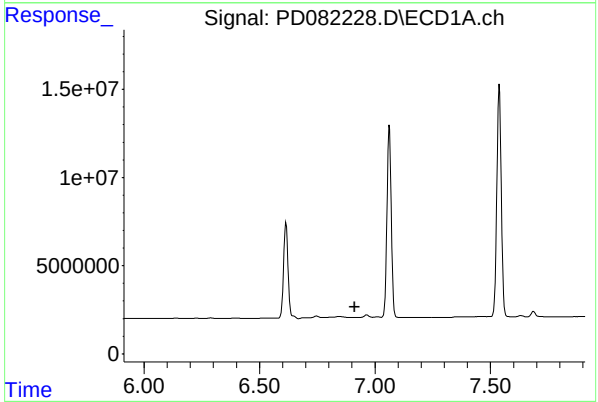
R.T.: 6.075 min
Delta R.T.: 0.015 min
Response: 782087
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



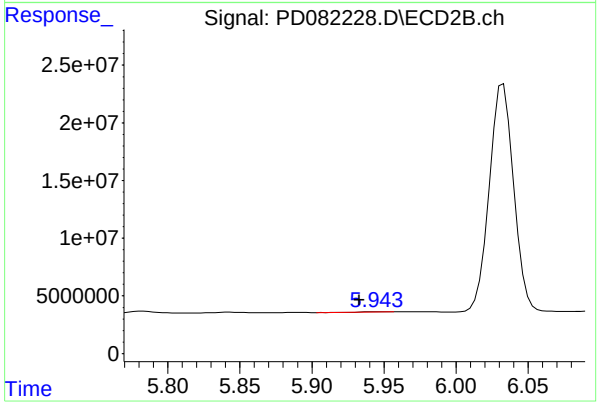
#26 Chlordane-4

R.T.: 5.044 min
Delta R.T.: 0.006 min
Response: 650272
Conc: 2.25 ng/ml



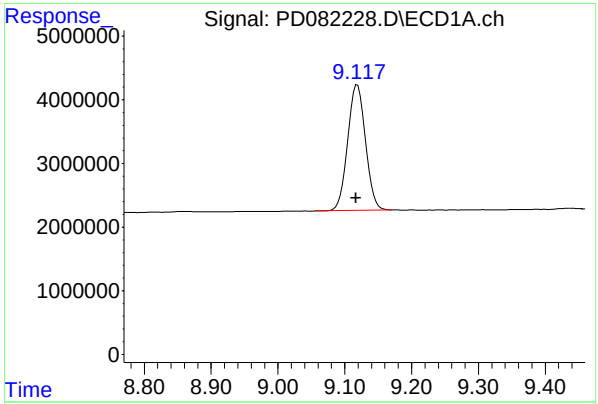
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.912 min
Response: 0
Conc: N.D.



#27 Chlordane-5

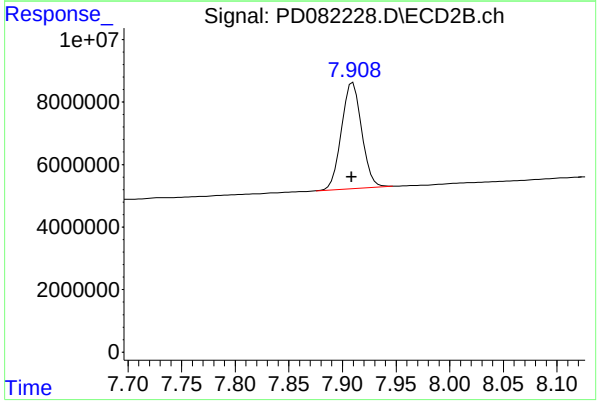
R.T.: 5.945 min
Delta R.T.: 0.012 min
Response: 86813
Conc: 0.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.002 min
Response: 36332616
Conc: 19.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.001 min
Response: 44436462
Conc: 20.41 ng/ml