Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
Data File : PD089341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:48
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: Jul 07 13:21:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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...	3.548	2.880	63133425	405.9E6	22.128	23.941	
28)	SA Decachlor...	9.069	8.070	87831705	440.2E6	22.363	22.266	
	Target Compounds							
2)	A alpha-BHC	3.998	3.392	60457597	336.9E6	10.372	12.573	
3)	MA gamma-BHC...	4.328	3.728	61041751	302.3E6	10.936	12.211	
4)	MA Heptachlor	4.932	4.080	492391	1691014	0.090	0.068	#
5)	MB Aldrin	5.248f	4.362	450383	1125305	0.085	0.046	#
6)	B beta-BHC	4.514	4.024	25331152	135.1E6	11.477	12.569	
7)	B delta-BHC	4.755	4.252	1048743	553475	0.204	0.022	#
8)	B Heptachlo...	5.680	4.867	2668686	5562607	0.553	0.254	#
9)	A Endosulfan I	6.072	5.237	20976	4200347	0.005	0.202	#
10)	B gamma-Chl...	5.941	5.123	513053	11784614	0.107	0.493	#
11)	B alpha-Chl...	6.031	5.187	1517263	11488342	0.314	0.502	#
12)	B 4,4'-DDE	6.196	5.375	530652	2497994	0.122	0.109	
13)	MA Dieldrin	6.365f	5.503	330146	752552	0.069	0.032	#
14)	MA Endrin	6.572	5.788	232.8E6	1232.7E6	56.435	56.768	
15)	B Endosulfa...	6.803f	6.085	2102793	2696495	0.521	0.134	#
16)	A 4,4'-DDD	6.702	5.929	4407107	29936724	1.284	1.565	
17)	MA 4,4'-DDT	7.018	6.182	409.5E6	2251.3E6	108.086	111.015	
18)	B Endrin al...	6.916	6.255	1123514	10789580	0.367	0.705	#
20)	A Methoxychlor	7.491	6.752	488.4E6	2346.1E6	241.702	217.878	
21)	B Endrin ke...	7.627	6.989	2412542	30630577	0.592	1.418	#
22)	Mirex	0.000	7.176	0	29138714	N.D.	1.747	#
23)	Chlordane-1	0.000	3.901	0	1722908	N.D.	1.848	#
24)	Chlordane-2	5.248	4.486	450383	3881705	2.063	4.079	#
25)	Chlordane-3	5.941	5.123	513053	11784614	0.595	3.968	#
26)	Chlordane-4	6.031	5.187	1517263	11488342	1.444	4.583	#
27)	Chlordane-5	6.870	6.085	333201	2696495	1.823	2.383	#

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

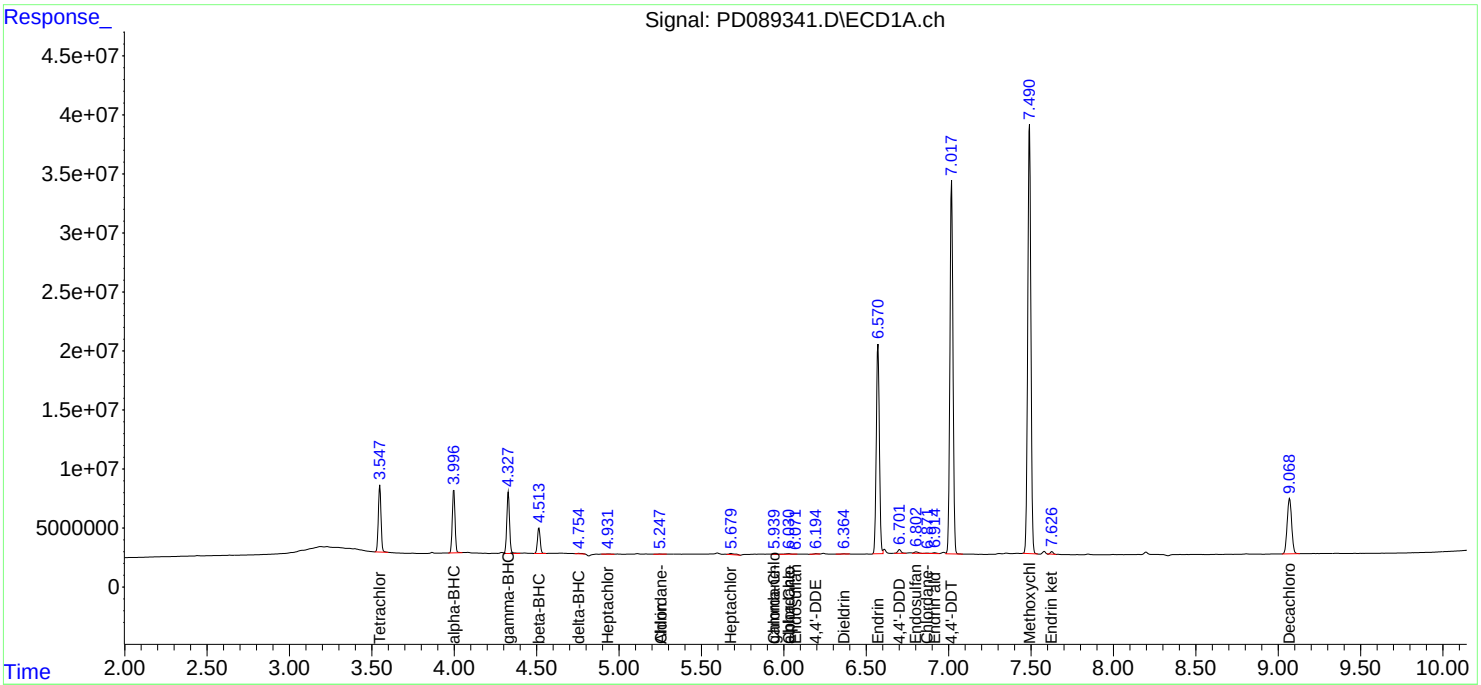
Quantitation Report (Not Reviewed)

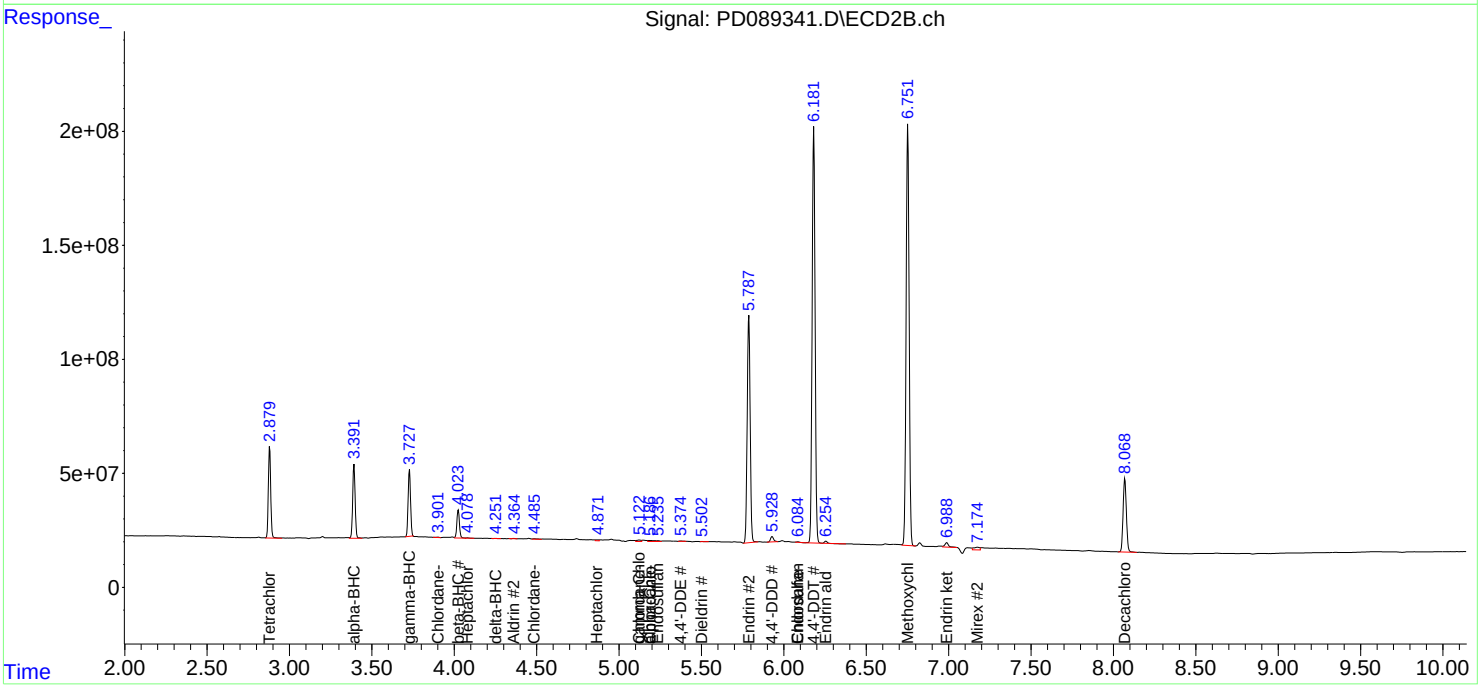
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
Data File : PD089341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

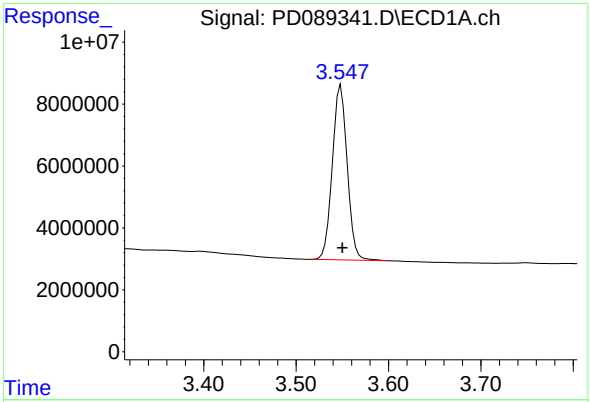
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:21:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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



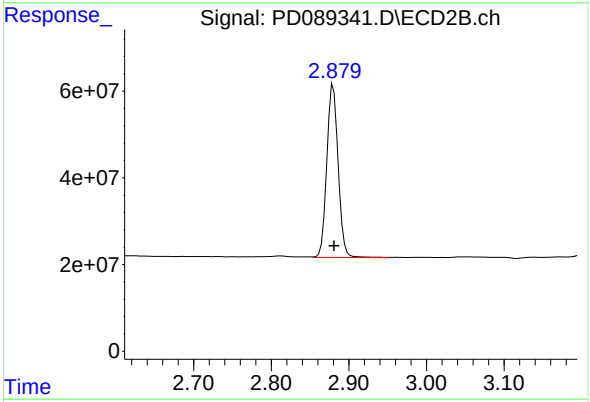




#1 Tetrachloro-m-xylene

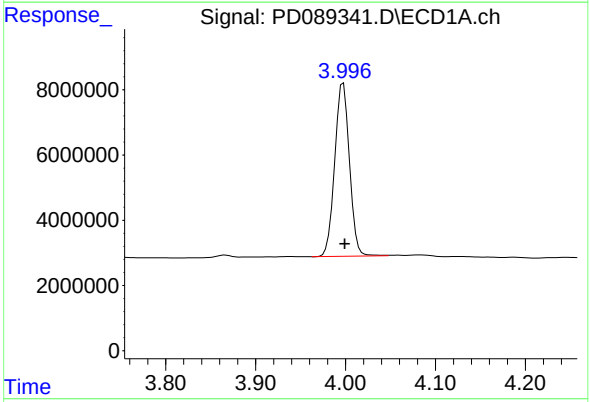
R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 63133425
Conc: 22.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



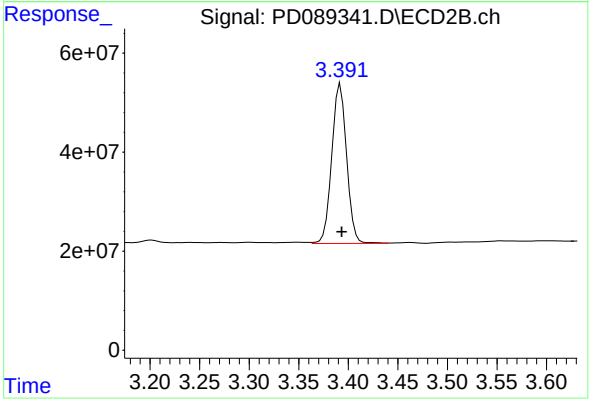
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 405868984
Conc: 23.94 ng/ml



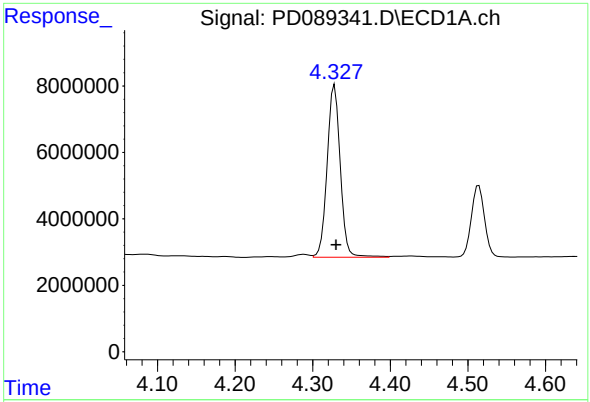
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 60457597
Conc: 10.37 ng/ml



#2 alpha-BHC

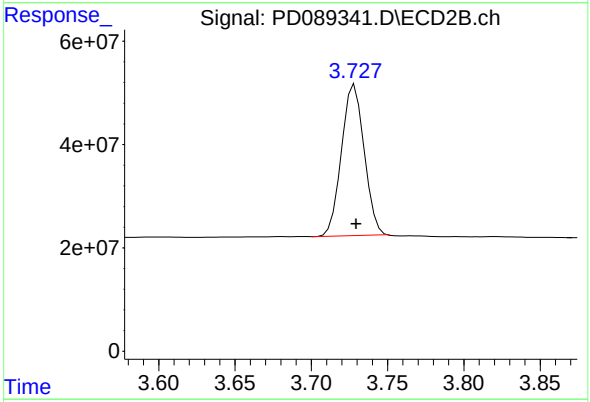
R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 336914255
Conc: 12.57 ng/ml



#3 gamma-BHC (Lindane)

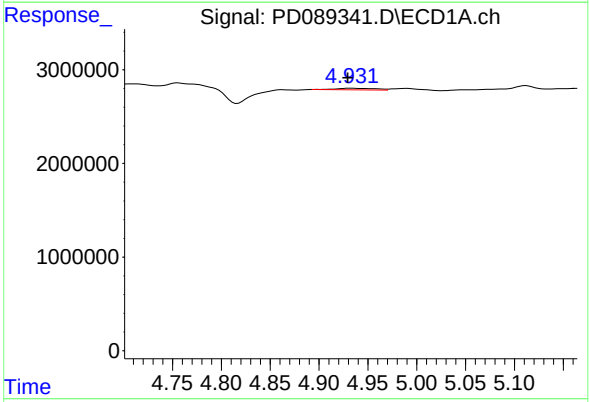
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 61041751
Conc: 10.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



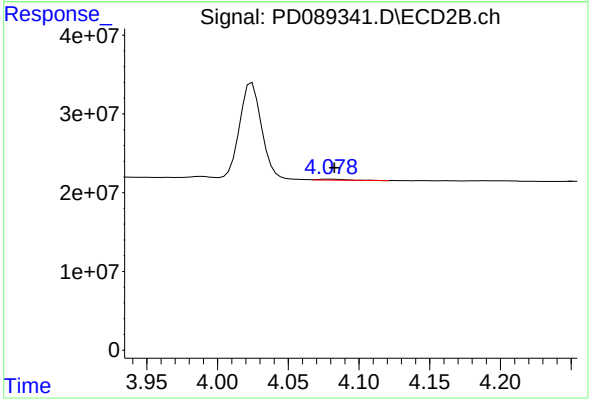
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 302304246
Conc: 12.21 ng/ml



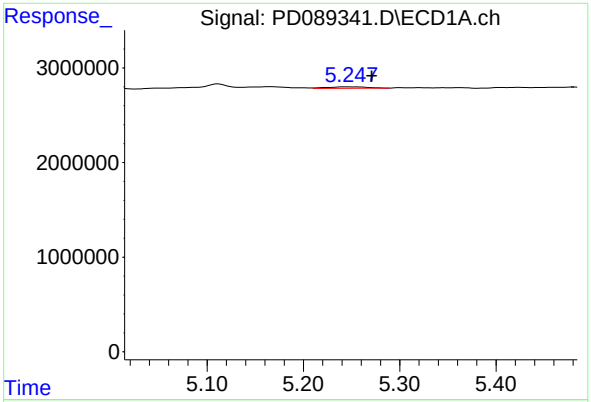
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 492391
Conc: 0.09 ng/ml



#4 Heptachlor

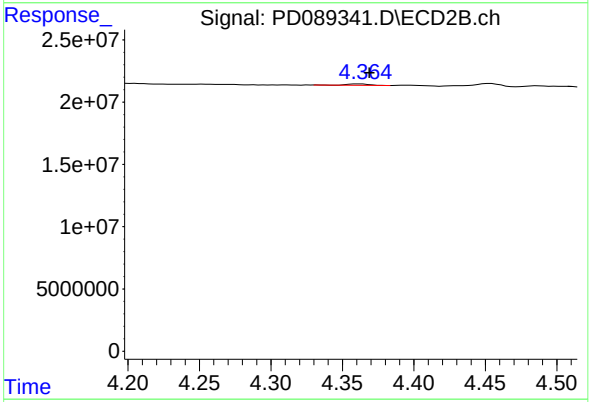
R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 1691014
Conc: 0.07 ng/ml



#5 Aldrin

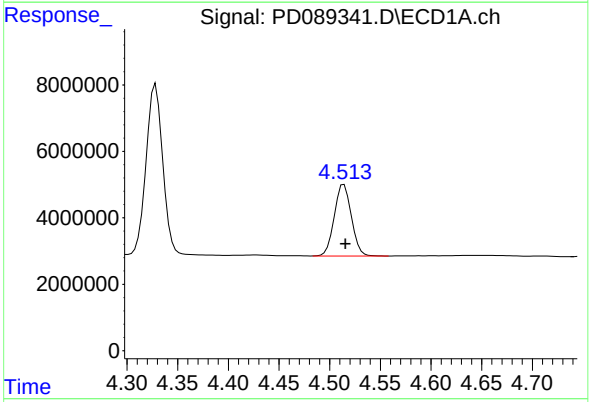
R.T.: 5.248 min
Delta R.T.: -0.023 min
Response: 450383
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



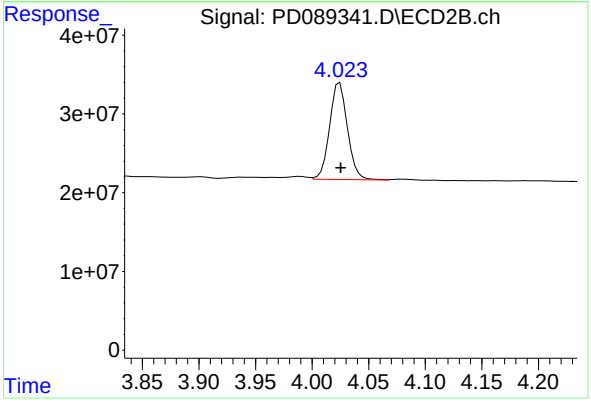
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 1125305
Conc: 0.05 ng/ml



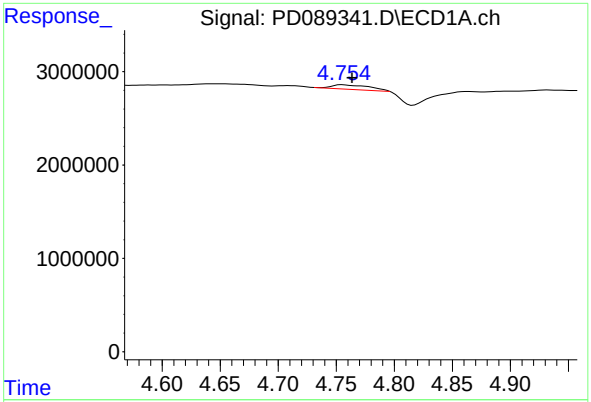
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 25331152
Conc: 11.48 ng/ml



#6 beta-BHC

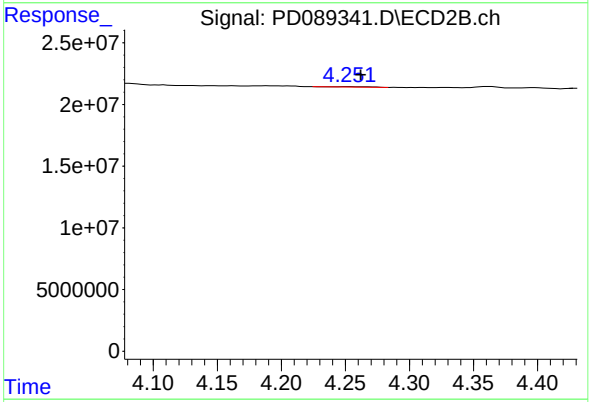
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 135064621
Conc: 12.57 ng/ml



#7 delta-BHC

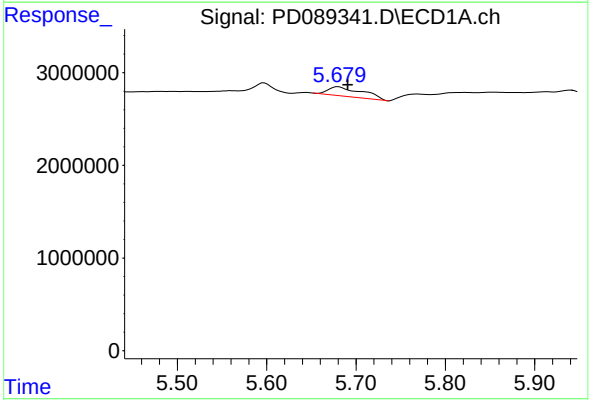
R.T.: 4.755 min
Delta R.T.: -0.008 min
Response: 1048743
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



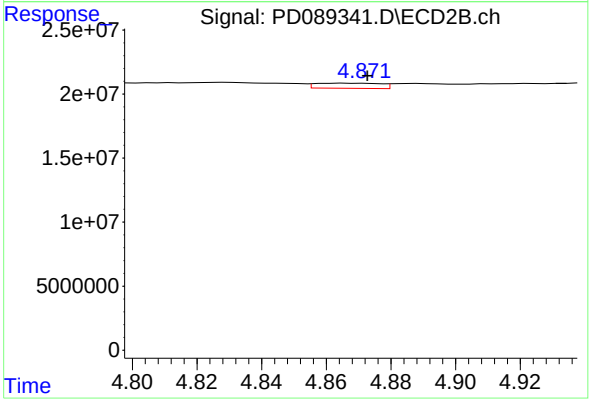
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.010 min
Response: 553475
Conc: 0.02 ng/ml



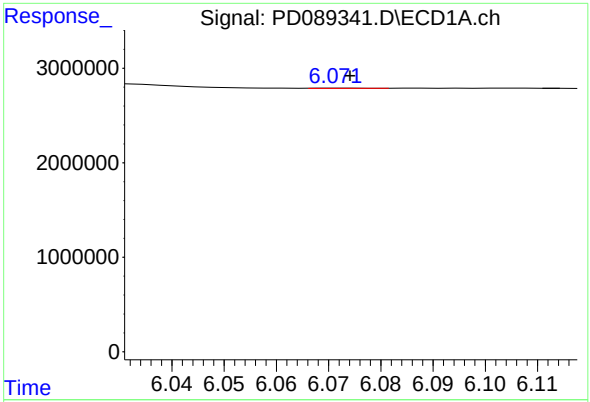
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.011 min
Response: 2668686
Conc: 0.55 ng/ml



#8 Heptachlor epoxide

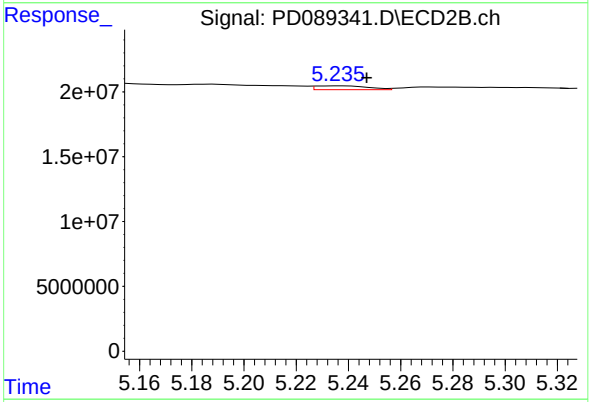
R.T.: 4.867 min
Delta R.T.: -0.006 min
Response: 5562607
Conc: 0.25 ng/ml



#9 Endosulfan I

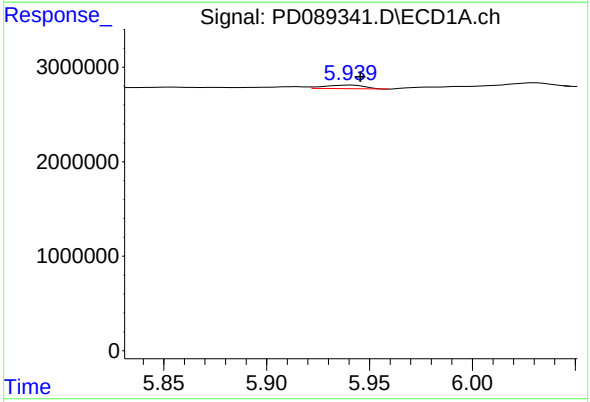
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 20976
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



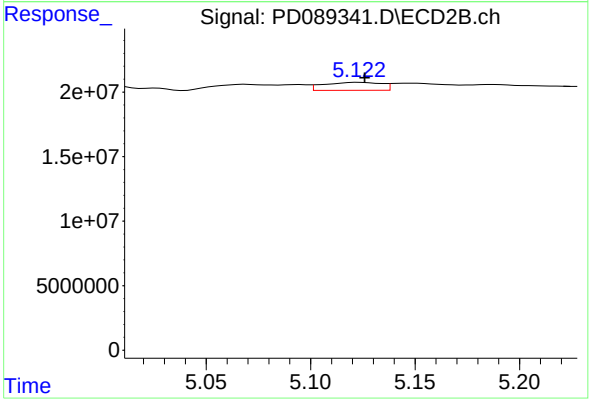
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.011 min
Response: 4200347
Conc: 0.20 ng/ml



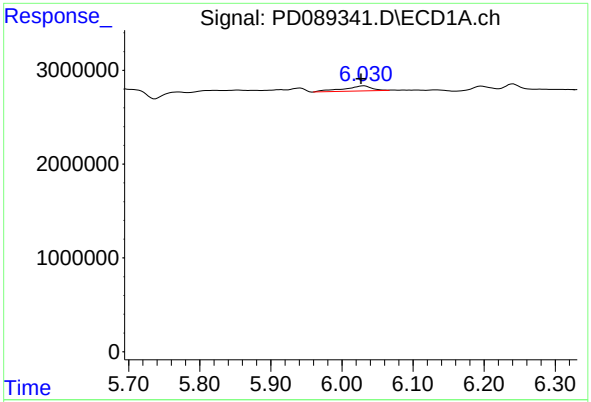
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 513053
Conc: 0.11 ng/ml



#10 gamma-Chlordane

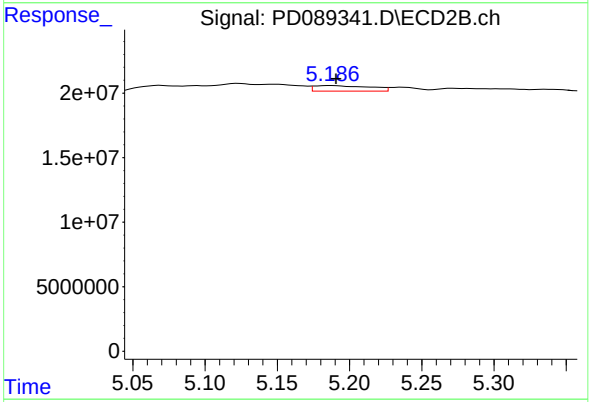
R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 11784614
Conc: 0.49 ng/ml



#11 alpha-Chlordane

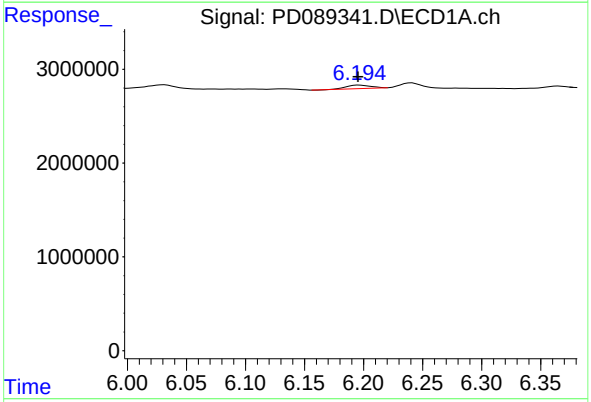
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 1517263
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



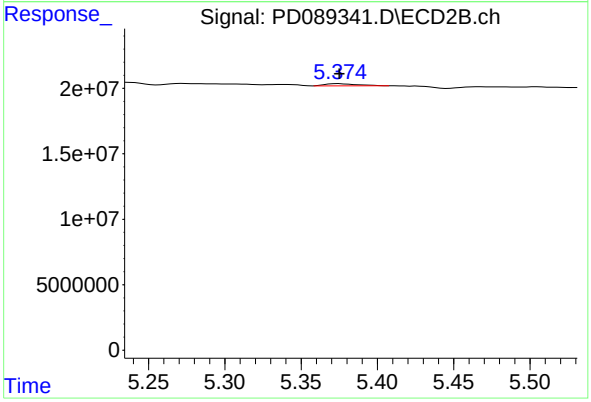
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: -0.004 min
Response: 11488342
Conc: 0.50 ng/ml



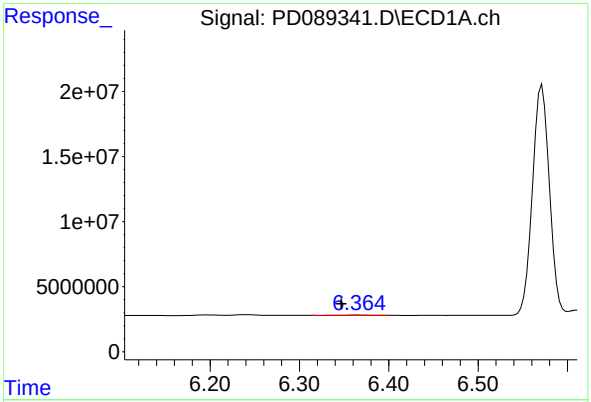
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 530652
Conc: 0.12 ng/ml



#12 4,4'-DDE

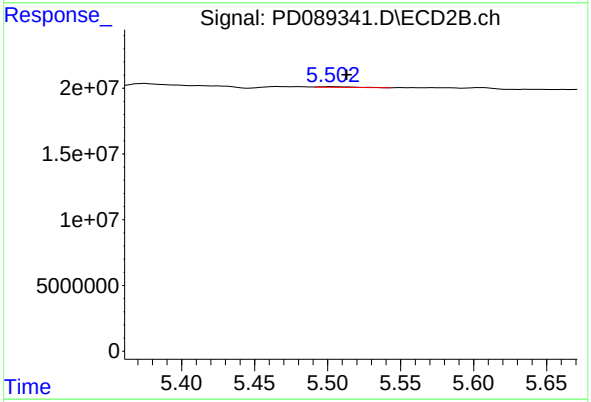
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 2497994
Conc: 0.11 ng/ml



#13 Dieldrin

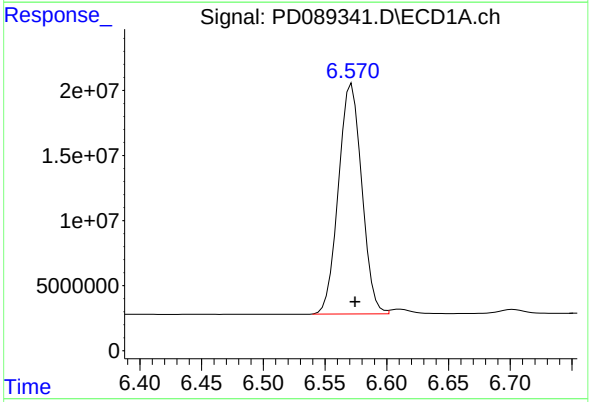
R.T.: 6.365 min
Delta R.T.: 0.018 min
Response: 330146
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



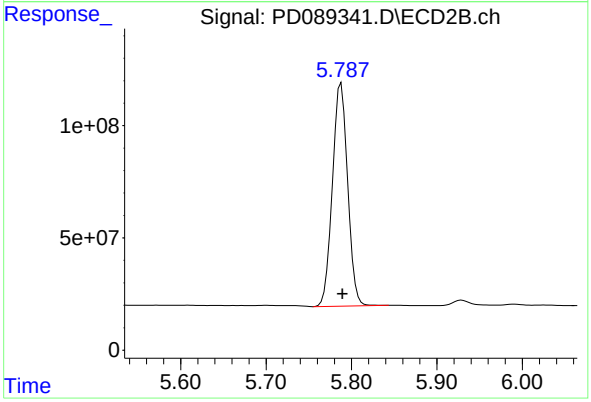
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.010 min
Response: 752552
Conc: 0.03 ng/ml



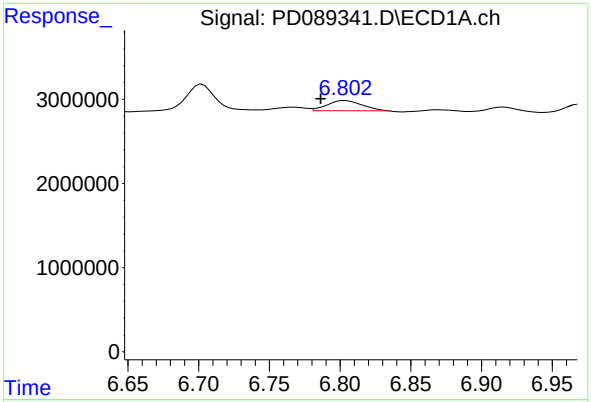
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 232826858
Conc: 56.43 ng/ml



#14 Endrin

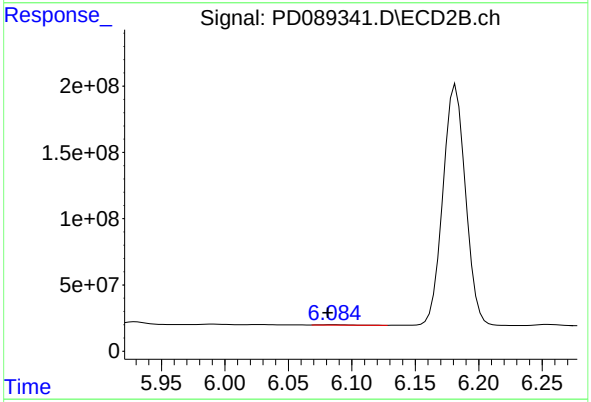
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1232652092
Conc: 56.77 ng/ml



#15 Endosulfan II

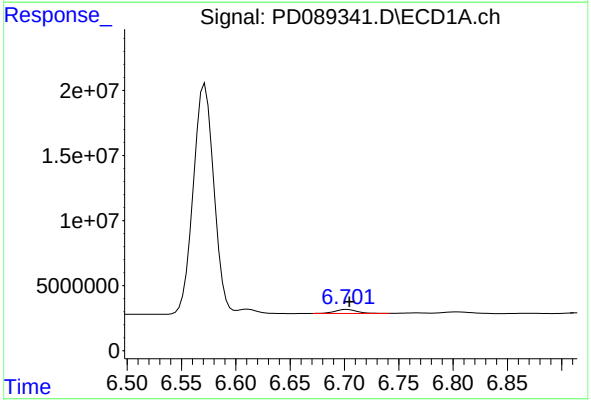
R.T.: 6.803 min
Delta R.T.: 0.017 min
Response: 2102793
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



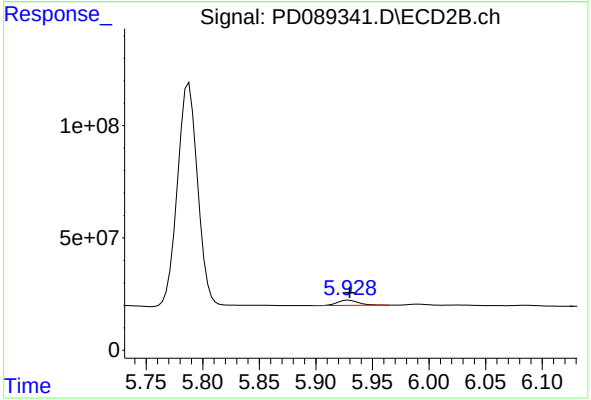
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.005 min
Response: 2696495
Conc: 0.13 ng/ml



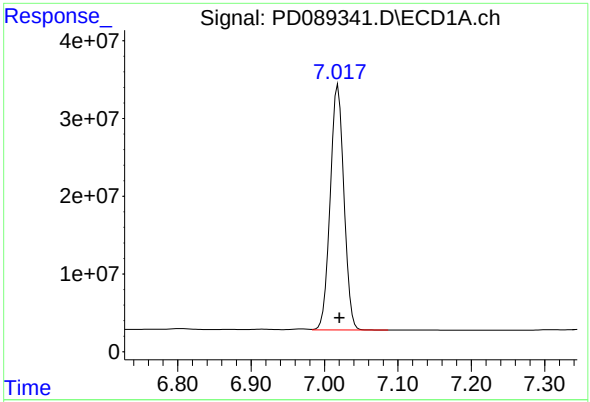
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 4407107
Conc: 1.28 ng/ml



#16 4,4'-DDD

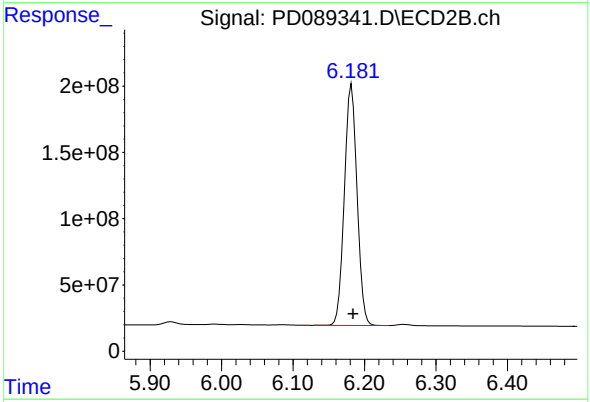
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 29936724
Conc: 1.56 ng/ml



#17 4,4'-DDT

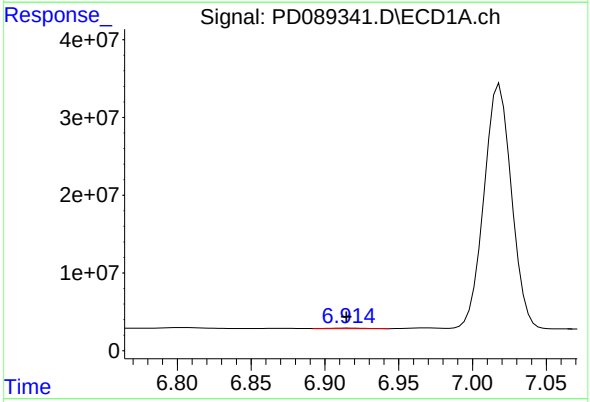
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 409450516
Conc: 108.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



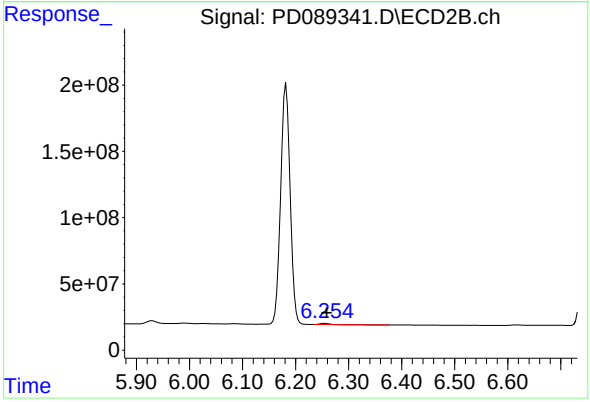
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 2251318930
Conc: 111.02 ng/ml



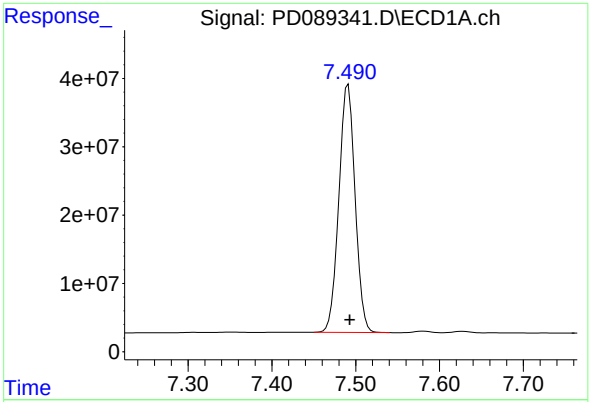
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 1123514
Conc: 0.37 ng/ml



#18 Endrin aldehyde

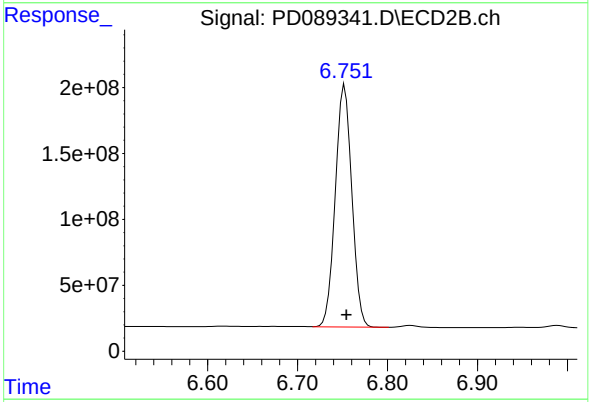
R.T.: 6.255 min
Delta R.T.: -0.004 min
Response: 10789580
Conc: 0.70 ng/ml



#20 Methoxychlor

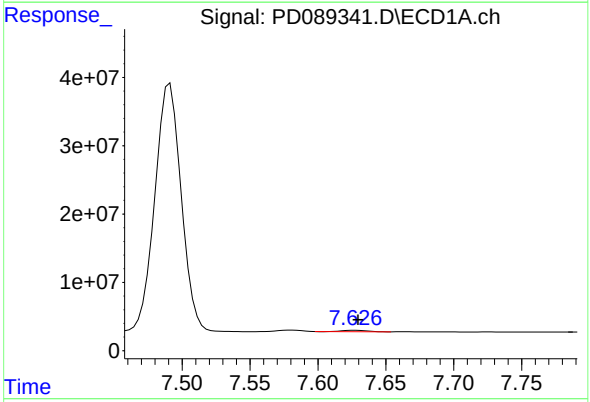
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 488389501
Conc: 241.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



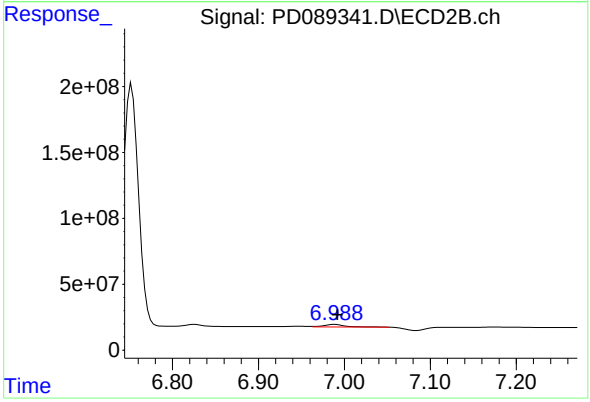
#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 2346129808
Conc: 217.88 ng/ml



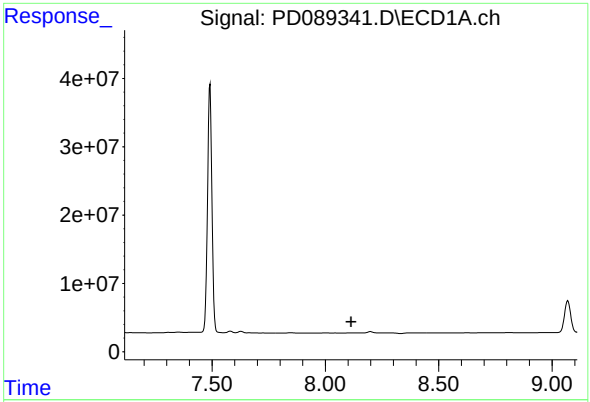
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 2412542
Conc: 0.59 ng/ml



#21 Endrin ketone

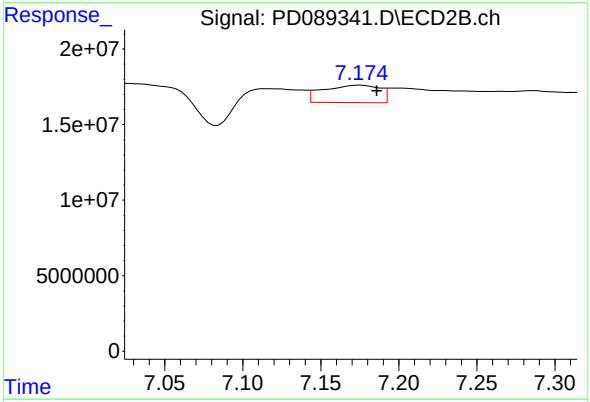
R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 30630577
Conc: 1.42 ng/ml



#22 Mirex

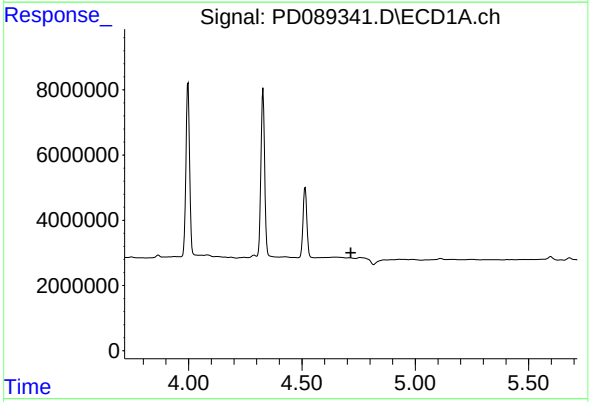
R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



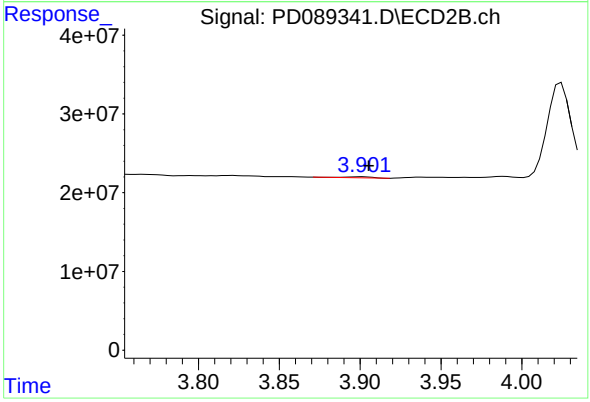
#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 29138714
Conc: 1.75 ng/ml



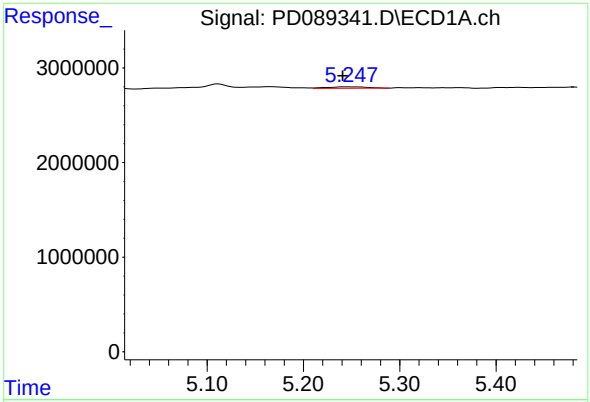
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#23 Chlordane-1

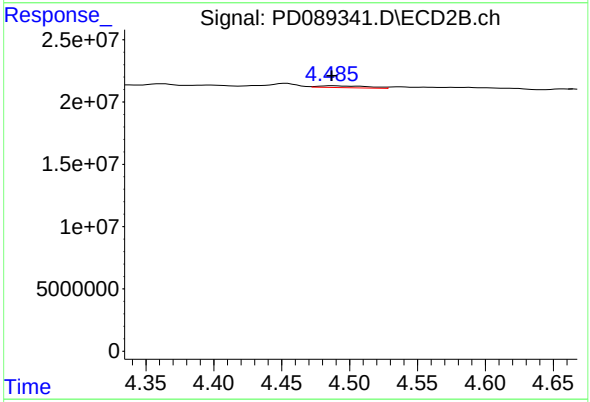
R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 1722908
Conc: 1.85 ng/ml



#24 Chlordane-2

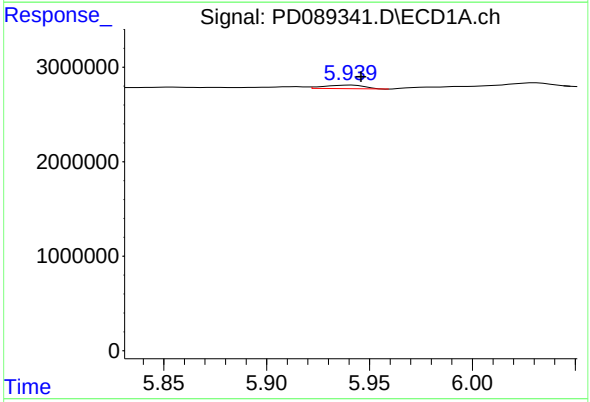
R.T.: 5.248 min
Delta R.T.: 0.007 min
Response: 450383
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



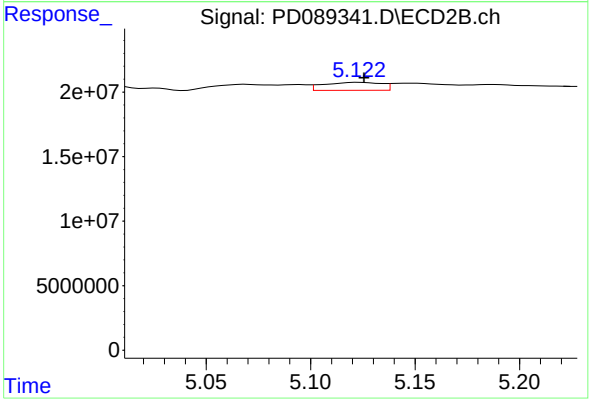
#24 Chlordane-2

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 3881705
Conc: 4.08 ng/ml



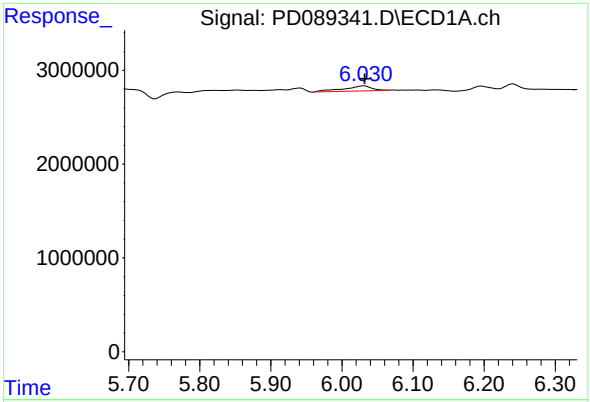
#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 513053
Conc: 0.59 ng/ml



#25 Chlordane-3

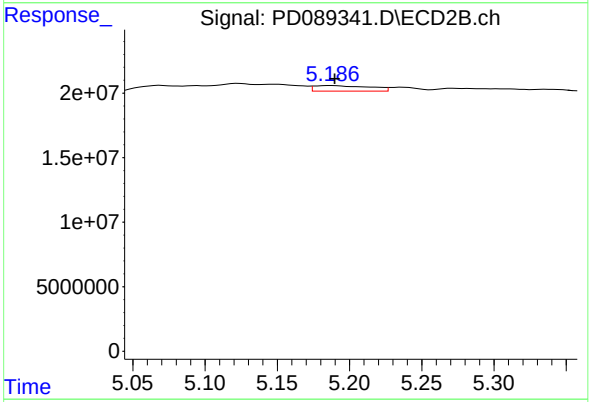
R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 11784614
Conc: 3.97 ng/ml



#26 Chlordane-4

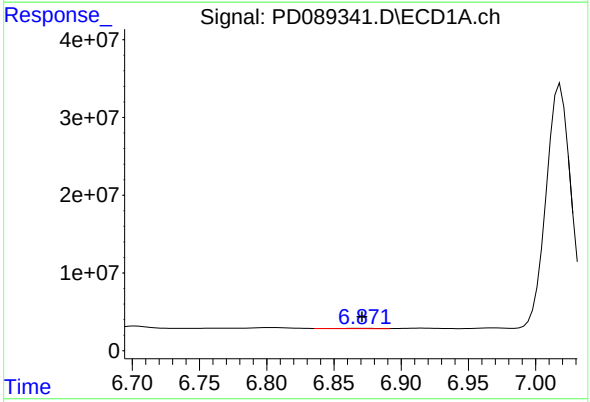
R.T.: 6.031 min
Delta R.T.: -0.001 min
Response: 1517263
Conc: 1.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



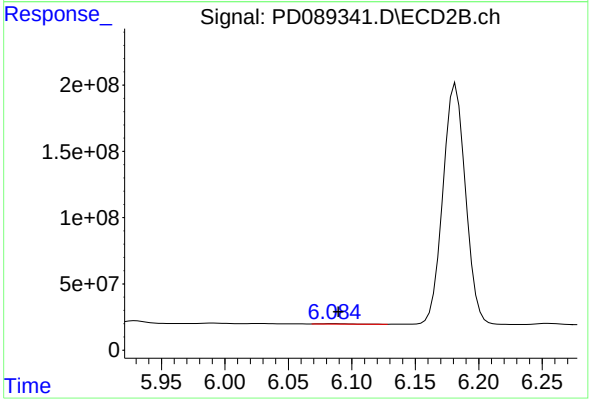
#26 Chlordane-4

R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 11488342
Conc: 4.58 ng/ml



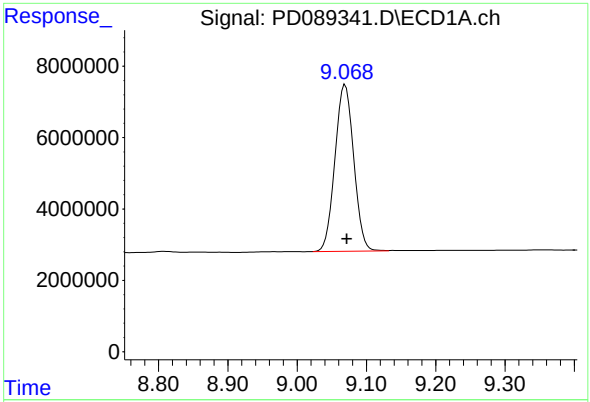
#27 Chlordane-5

R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 333201
Conc: 1.82 ng/ml



#27 Chlordane-5

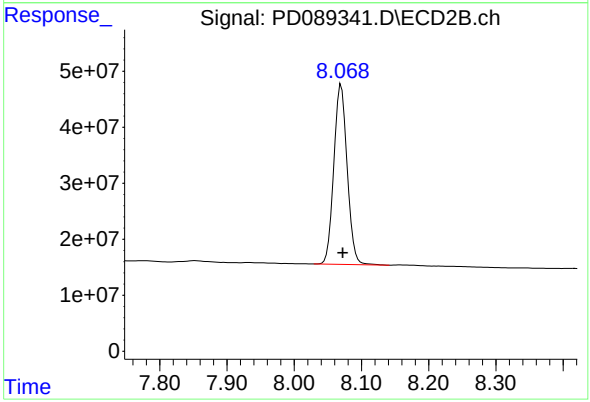
R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 2696495
Conc: 2.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 87831705
Conc: 22.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 440196475
Conc: 22.27 ng/ml