

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072821\
 Data File : PD064486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 03:08
 Operator : AR\AJ
 Sample : PEM67
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM065

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 05:34:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 28 07:07:14 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.406	4.620	24031707	195.1E6	20.146	21.352
27)	SA Decachlor...	11.304	10.364	27982877	138.9E6	21.257	23.353
Target Compounds							
2)	A alpha-BHC	5.989	5.321	16415310	138.9E6	10.076	11.269
3)	MA gamma-BHC...	6.385	5.742	15948874	132.1E6	10.169	11.587
4)	MA Heptachlor	0.000	6.118f	0 66818580	N.D.	5.893	
5)	MB Aldrin	0.000	6.499	0 369966	N.D.	<MDL	
6)	B beta-BHC	6.644	6.118	7980573	66818580	10.229	11.014
7)	B delta-BHC	6.880f	6.396	5383670	4014813	3.094	0.370 #
12)	B 4,4'-DDE	0.000	7.602	0 1051888	N.D.	0.139	
14)	MA Endrin	8.808	8.025	61682357	292.5E6	48.175	50.926
15)	B Endosulfa...	0.000	8.357	0 92089	N.D.	<MDL	
16)	A 4,4'-DDD	8.961	8.187	1640900	6862450	1.337	1.191
17)	MA 4,4'-DDT	9.280	8.449	131.1E6	543.4E6	100.410	98.718
18)	B Endrin al...	9.179	8.522	898835	4333355	0.793	0.878
19)	B Endosulfa...	0.000	8.721	0 288188	N.D.	<MDL	
20)	A Methoxychlor	9.771	9.041	177.3E6	640.2E6	247.831	250.004
21)	B Endrin ke...	9.914	9.269	2695686	17783654	1.782	2.965 #
23)	Toxaphene-2	8.961	7.962	1640900	1842067	94.128	21.813 #
24)	Toxaphene-3	9.179	8.357	898835	92089	74.151	0.804 #
25)	Toxaphene-4	0.000	8.721	0 288188	N.D.	5.116	
26)	Toxaphene-5	9.864	9.150	2166978	3653528	117.369	29.062 #

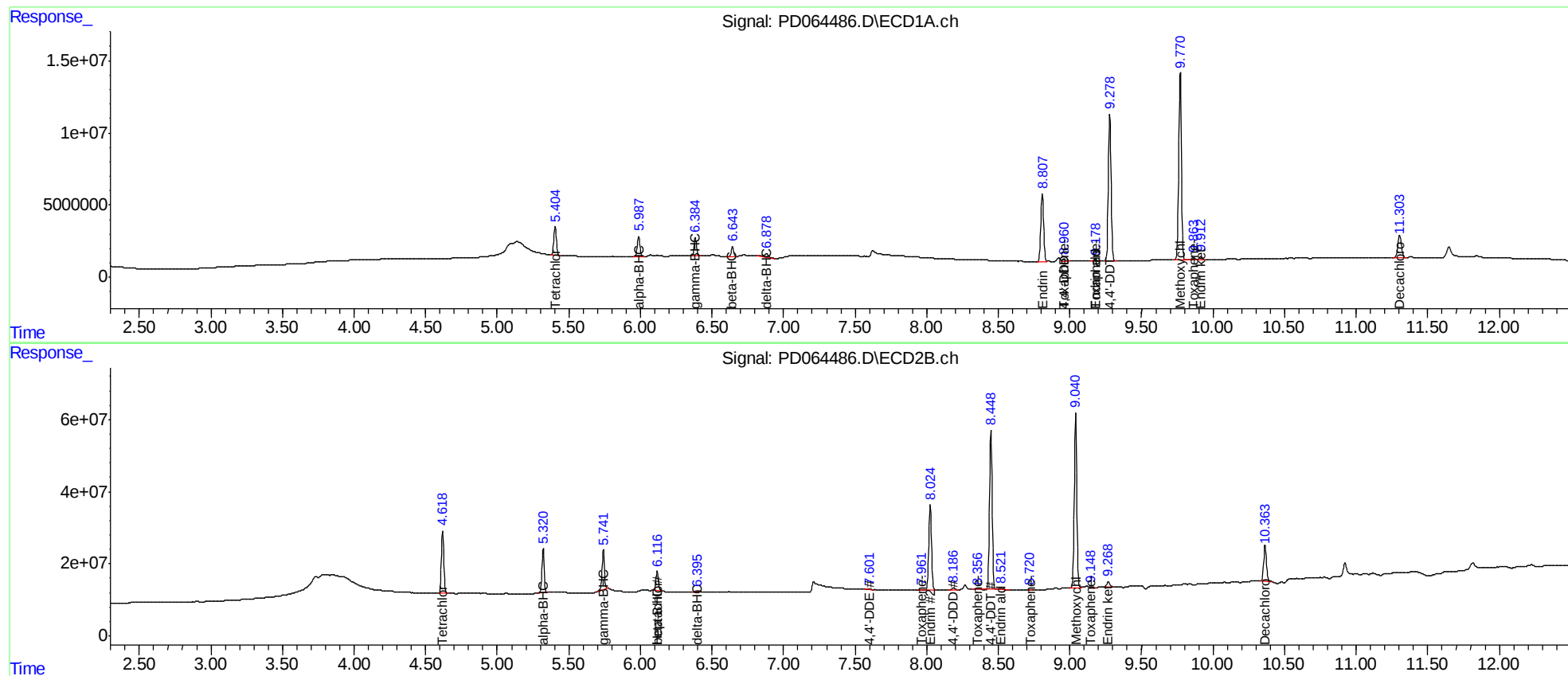
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

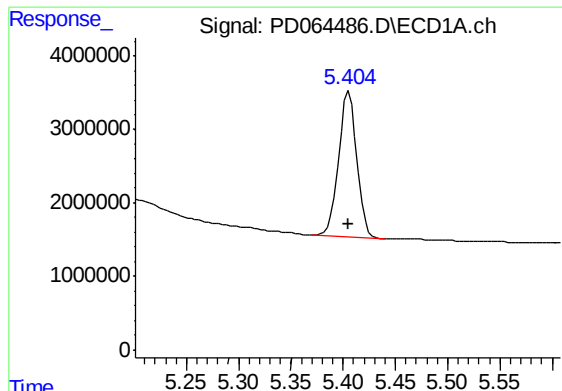
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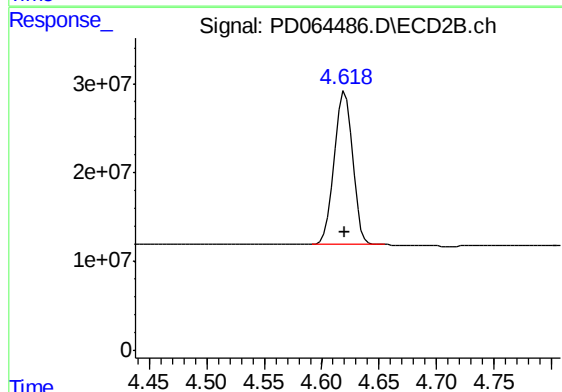




#1 Tetrachloro-m-xylene

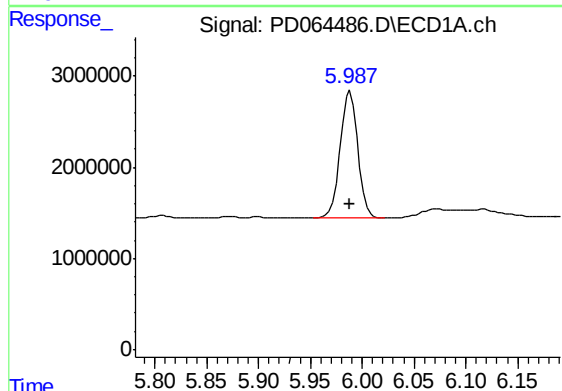
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 24031707
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



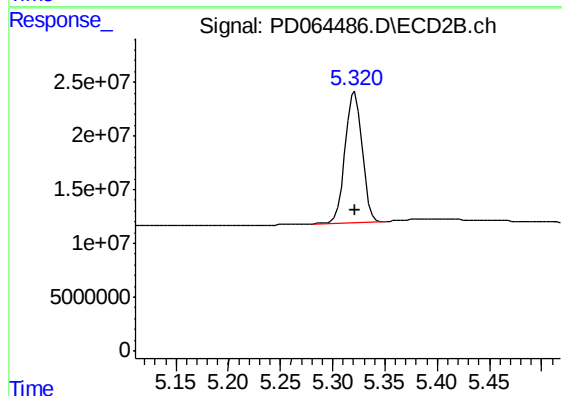
#1 Tetrachloro-m-xylene

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 195113895
Conc: 21.35 ng/ml



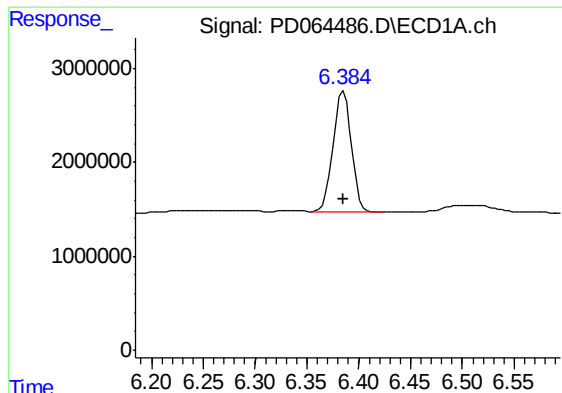
#2 alpha-BHC

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 16415310
Conc: 10.08 ng/ml



#2 alpha-BHC

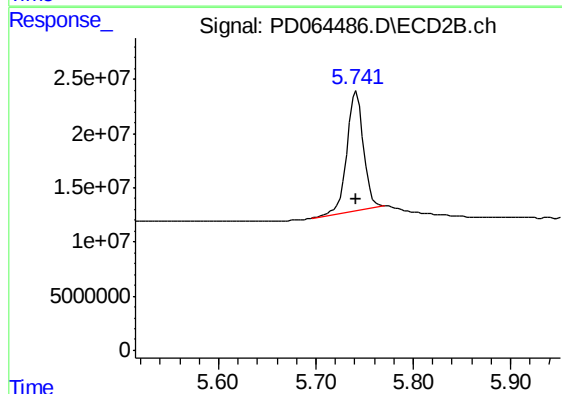
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 138890451
Conc: 11.27 ng/ml



#3 gamma-BHC (Lindane)

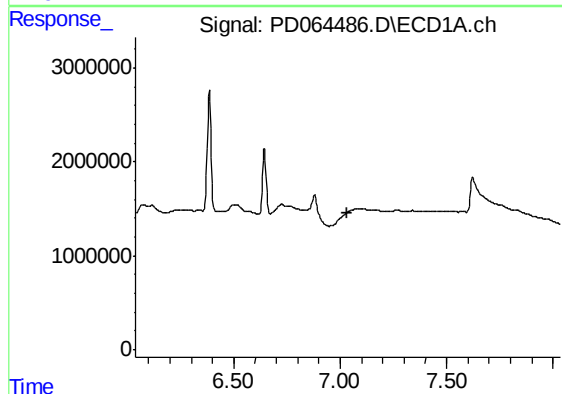
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 15948874
Conc: 10.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



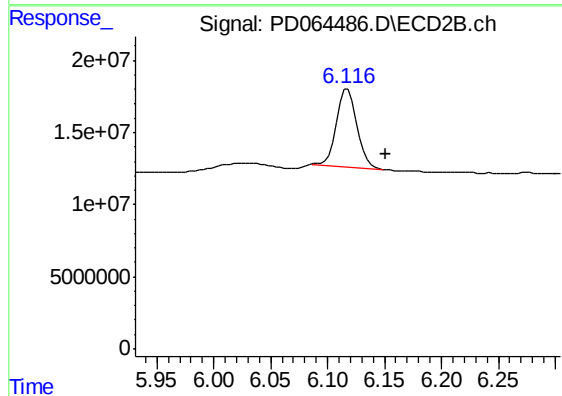
#3 gamma-BHC (Lindane)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 132132706
Conc: 11.59 ng/ml



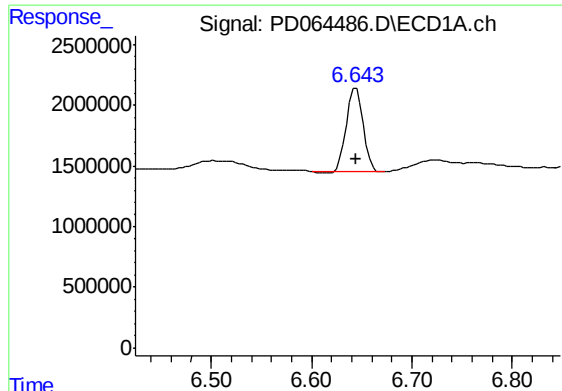
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 7.035 min
Response: 0
Conc: N.D.



#4 Heptachlor

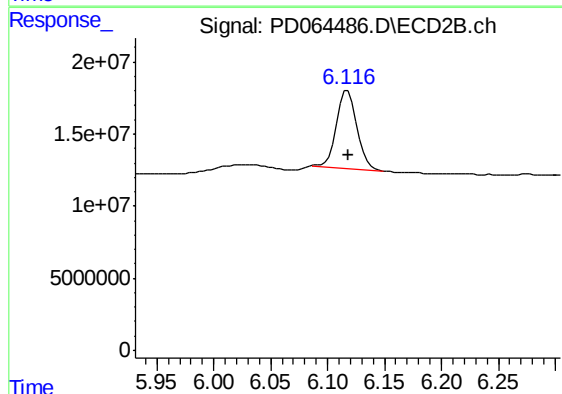
R.T.: 6.118 min
Delta R.T.: -0.034 min
Response: 66818580
Conc: 5.89 ng/ml



#6 beta-BHC

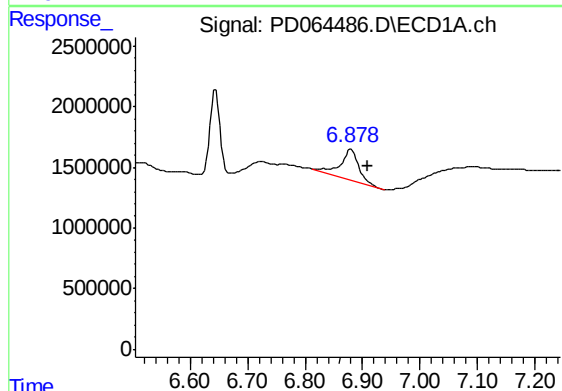
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 7980573
Conc: 10.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



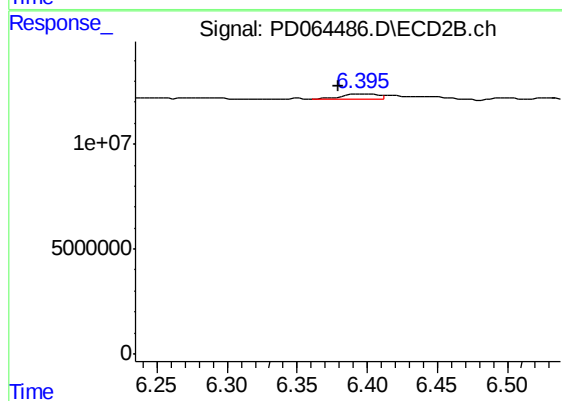
#6 beta-BHC

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 66818580
Conc: 11.01 ng/ml



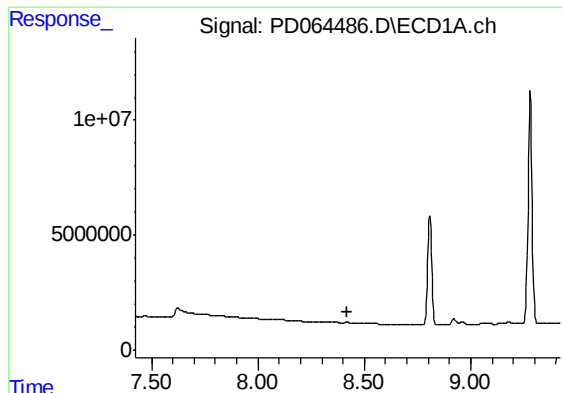
#7 delta-BHC

R.T.: 6.880 min
Delta R.T.: -0.029 min
Response: 5383670
Conc: 3.09 ng/ml



#7 delta-BHC

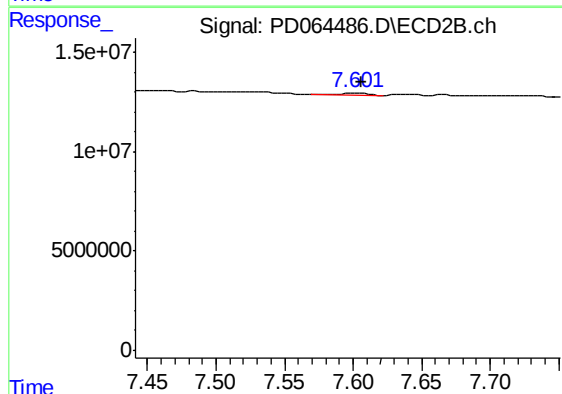
R.T.: 6.396 min
Delta R.T.: 0.017 min
Response: 4014813
Conc: 0.37 ng/ml



#12 4,4'-DDE

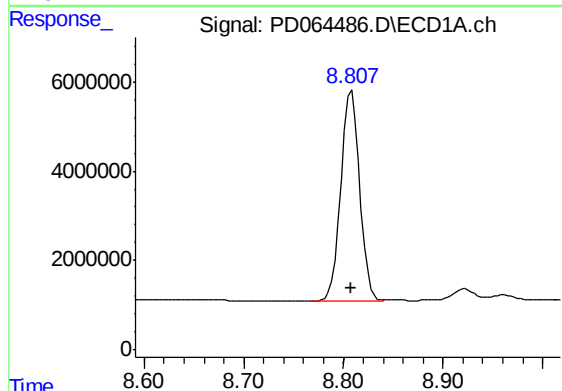
R.T.: 0.000 min
Exp R.T.: 8.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM065



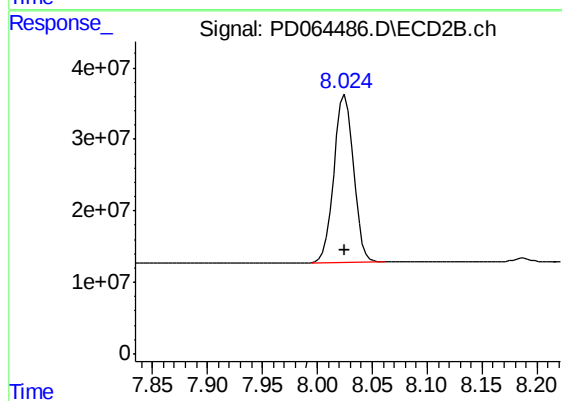
#12 4,4'-DDE

R.T.: 7.602 min
Delta R.T.: -0.004 min
Response: 1051888
Conc: 0.14 ng/ml



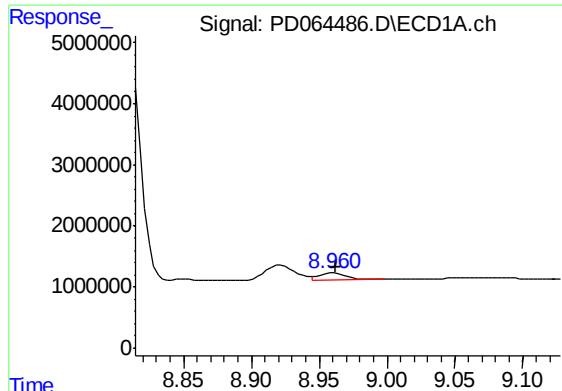
#14 Endrin

R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 61682357
Conc: 48.17 ng/ml



#14 Endrin

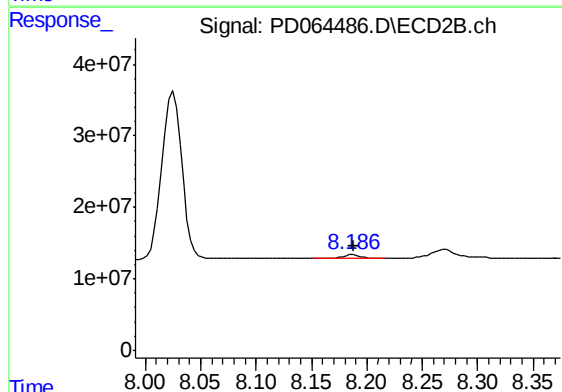
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 292549133
Conc: 50.93 ng/ml



#16 4,4'-DDD

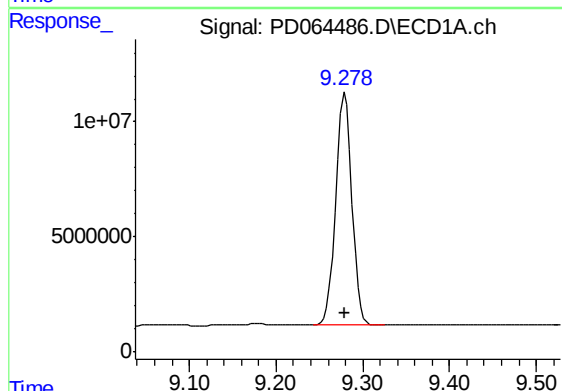
R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 1640900
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



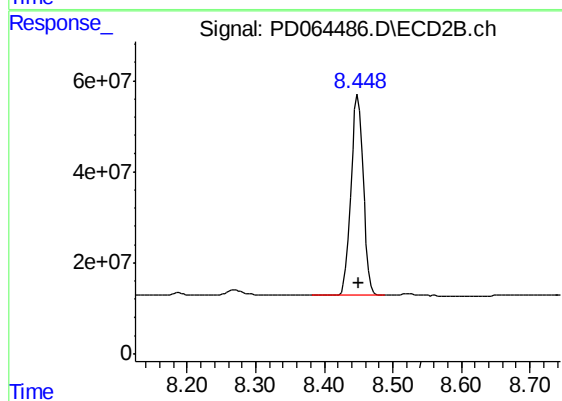
#16 4,4'-DDD

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 6862450
Conc: 1.19 ng/ml



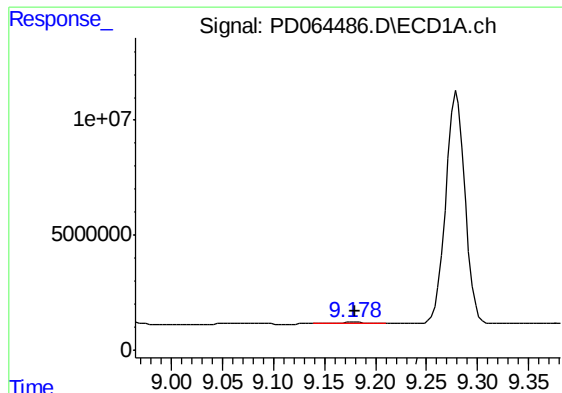
#17 4,4'-DDT

R.T.: 9.280 min
Delta R.T.: 0.000 min
Response: 131080213
Conc: 100.41 ng/ml



#17 4,4'-DDT

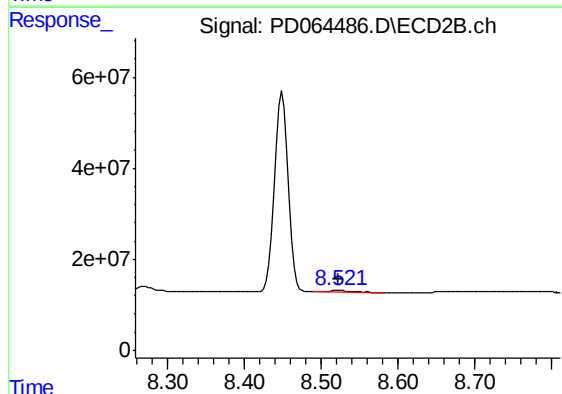
R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 543403217
Conc: 98.72 ng/ml



#18 Endrin aldehyde

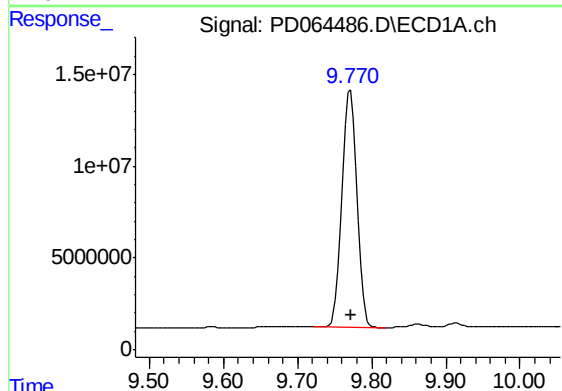
R.T.: 9.179 min
Delta R.T.: 0.000 min
Response: 898835
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



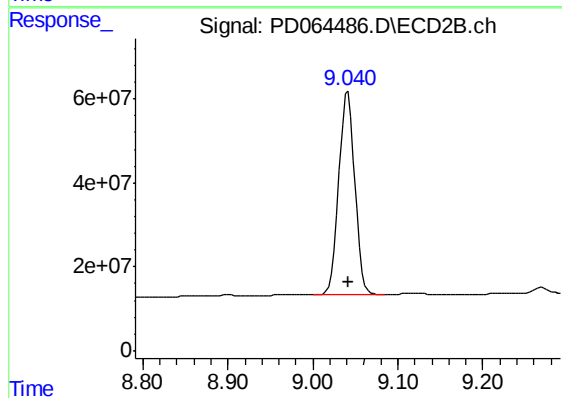
#18 Endrin aldehyde

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 4333355
Conc: 0.88 ng/ml



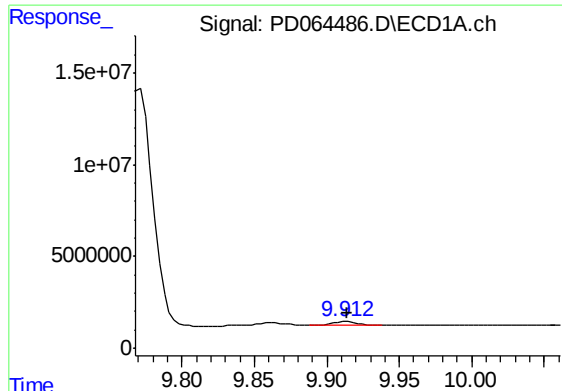
#20 Methoxychlor

R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 177338442
Conc: 247.83 ng/ml



#20 Methoxychlor

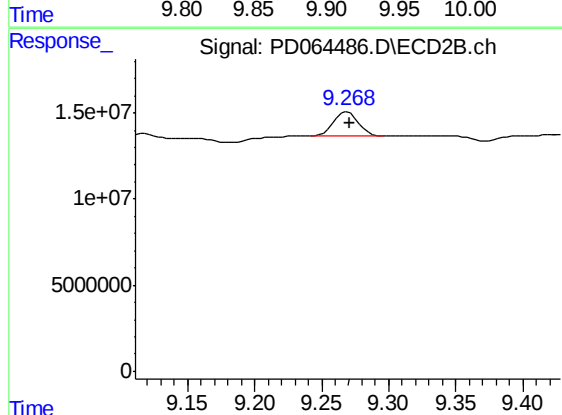
R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 640159610
Conc: 250.00 ng/ml



#21 Endrin ketone

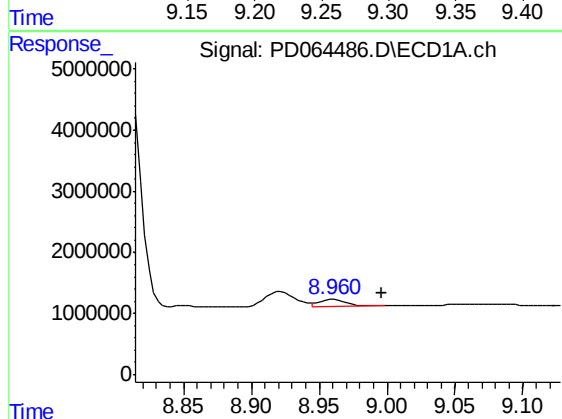
R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2695686
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



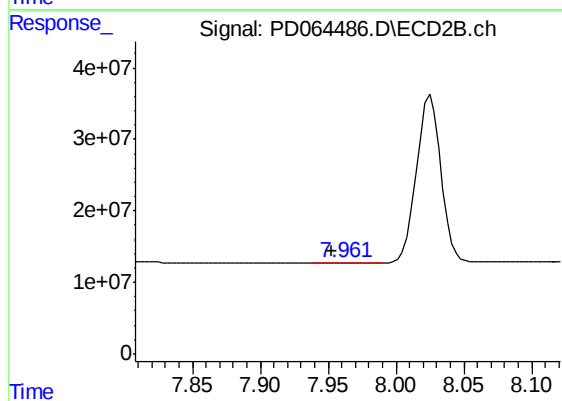
#21 Endrin ketone

R.T.: 9.269 min
Delta R.T.: -0.002 min
Response: 17783654
Conc: 2.96 ng/ml



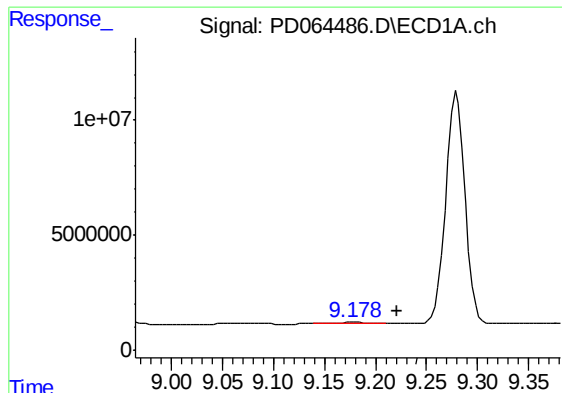
#23 Toxaphene-2

R.T.: 8.961 min
Delta R.T.: -0.035 min
Response: 1640900
Conc: 94.13 ng/ml



#23 Toxaphene-2

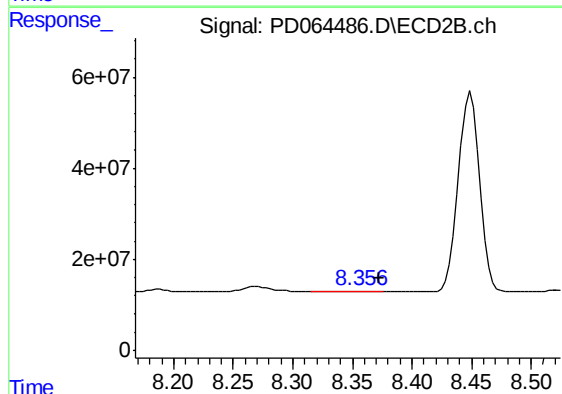
R.T.: 7.962 min
Delta R.T.: 0.010 min
Response: 1842067
Conc: 21.81 ng/ml



#24 Toxaphene-3

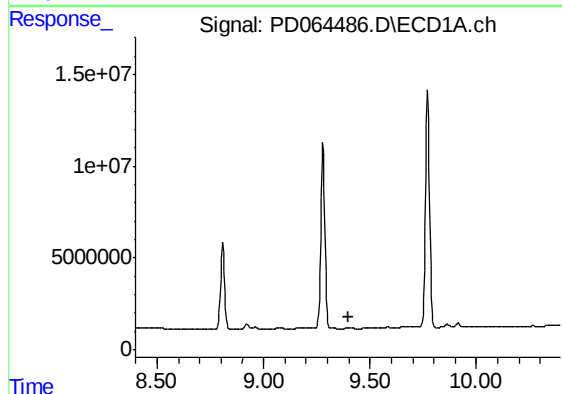
R.T.: 9.179 min
Delta R.T.: -0.042 min
Response: 898835
Conc: 74.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



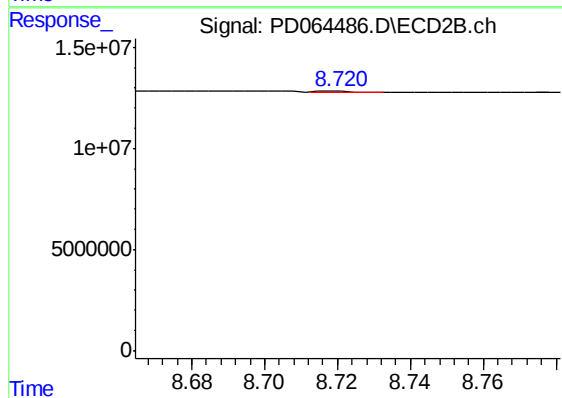
#24 Toxaphene-3

R.T.: 8.357 min
Delta R.T.: -0.016 min
Response: 92089
Conc: 0.80 ng/ml



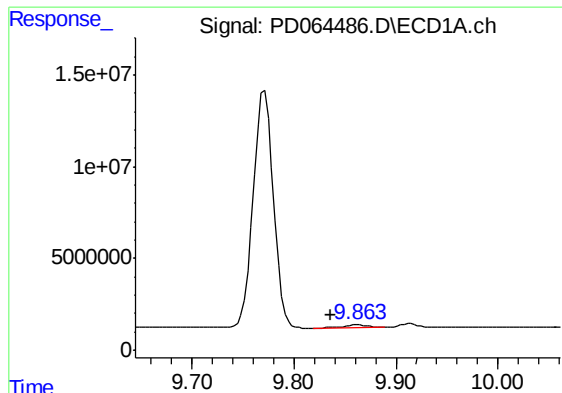
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 9.397 min
Response: 0
Conc: N.D.



#25 Toxaphene-4

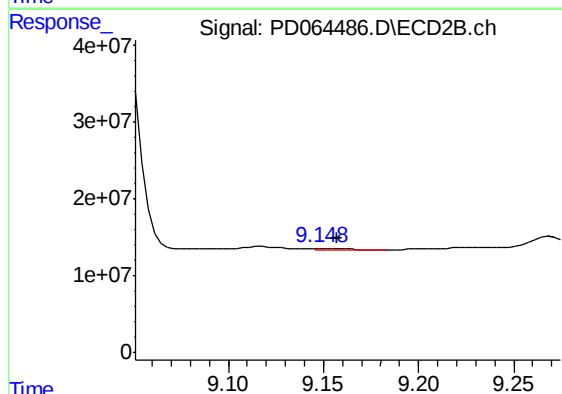
R.T.: 8.721 min
Delta R.T.: -0.069 min
Response: 288188
Conc: 5.12 ng/ml



#26 Toxaphene-5

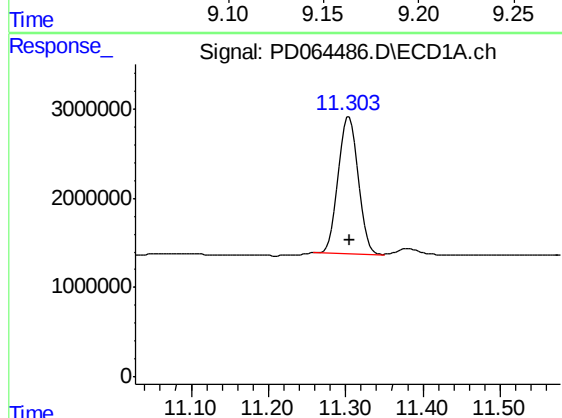
R.T.: 9.864 min
Delta R.T.: 0.028 min
Response: 2166978
Conc: 117.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM065



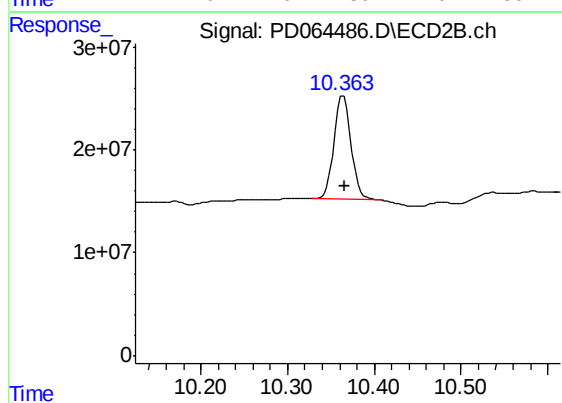
#26 Toxaphene-5

R.T.: 9.150 min
Delta R.T.: -0.007 min
Response: 3653528
Conc: 29.06 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 27982877
Conc: 21.26 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.364 min
Delta R.T.: -0.001 min
Response: 138875031
Conc: 23.35 ng/ml