

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044791.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 20:43
 Operator : YP\AJ
 Sample : 04837-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 00:40:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.918	7926029	42.219 ug/ml
Spiked Amount 50.000		Recovery =	84.44%
12) S 1-chlorooctadecane (S...	13.359	6118782	44.977 ug/ml
Spiked Amount 50.000		Recovery =	89.95%
Target Compounds			
6) T n-Tetradecane (C14)	8.511	1858825	11.323 ug/ml
10) T n-Eicosane (C20)	12.966	230578	1.433 ug/ml
14) T n-Tetracosane (C24)	15.188	148034	0.979 ug/ml
16) T n-Octacosane (C28)	17.191	75468	0.526 ug/ml
18) T n-Dotriacontane (C32)	18.910	98646	0.666 ug/ml
19) T n-Tetratriacontane (C34)	19.708	78978	0.540 ug/ml
20) T n-Hexatriacontane (C36)	20.446	61837	0.426 ug/ml
22) T n-Tetracontane (C40)	22.045f	6292	0.040 ug/ml

(f)=RT Delta > 1/2 Window

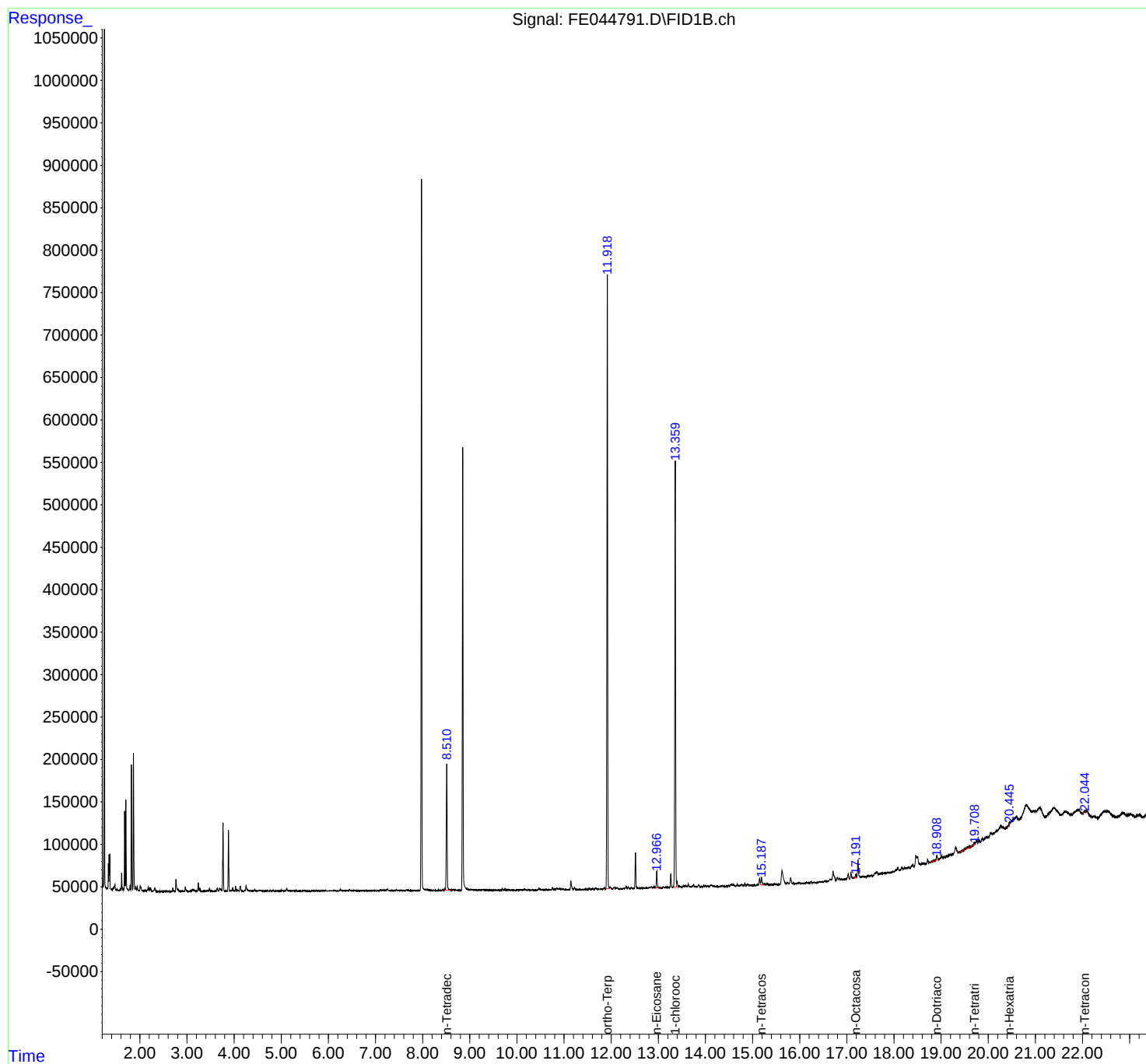
(m)=manual int.

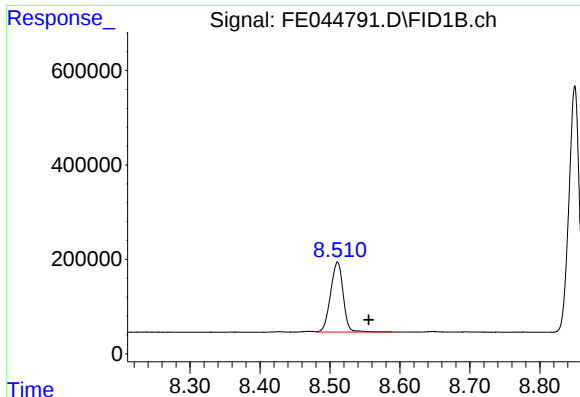
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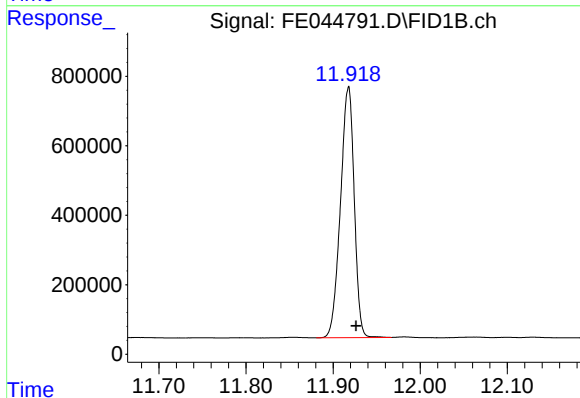




#6 n-Tetradecane (C14)

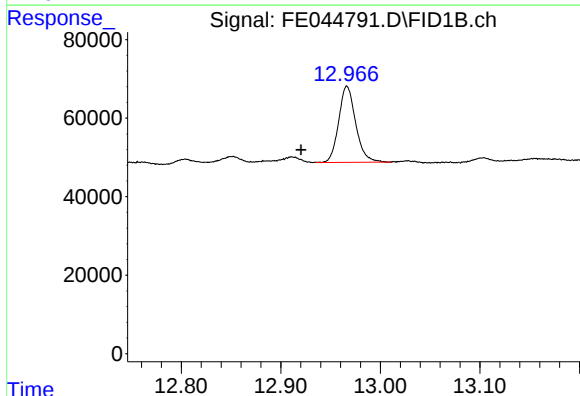
R.T.: 8.511 min
Delta R.T.: -0.044 min
Response: 1858825
Conc: 11.32 ug/ml

Instrument :
FID_E
ClientSampleId :



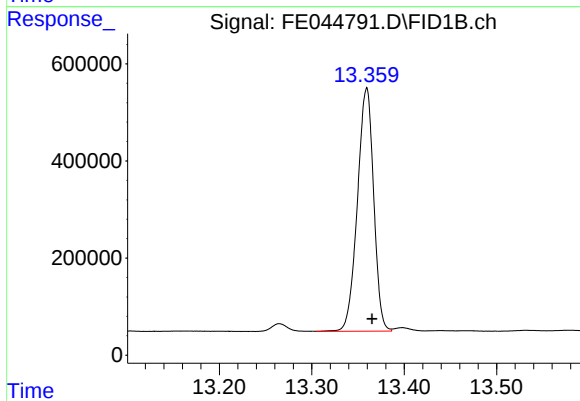
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: -0.009 min
Response: 7926029
Conc: 42.22 ug/ml



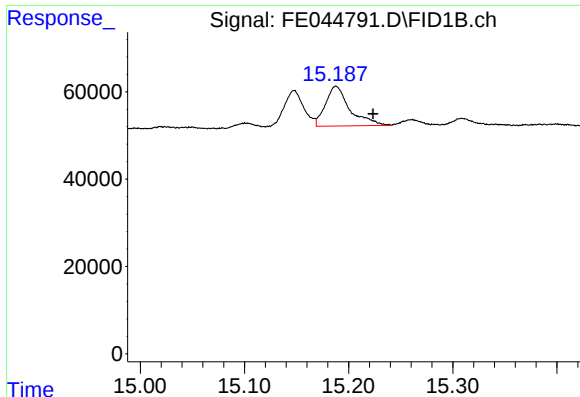
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.046 min
Response: 230578
Conc: 1.43 ug/ml



#12 1-chlorooctadecane (SURR)

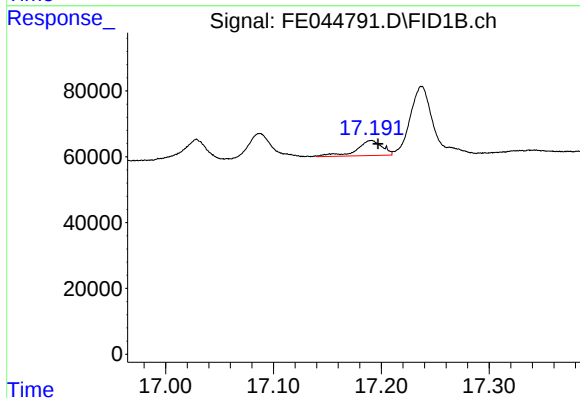
R.T.: 13.359 min
Delta R.T.: -0.006 min
Response: 6118782
Conc: 44.98 ug/ml



#14 n-Tetracosane (C24)

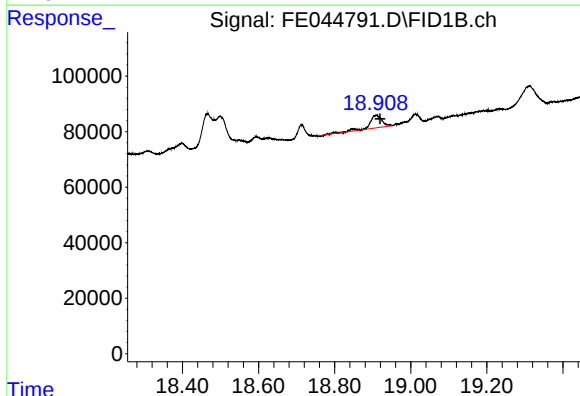
R.T.: 15.188 min
Delta R.T.: -0.036 min
Response: 148034
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



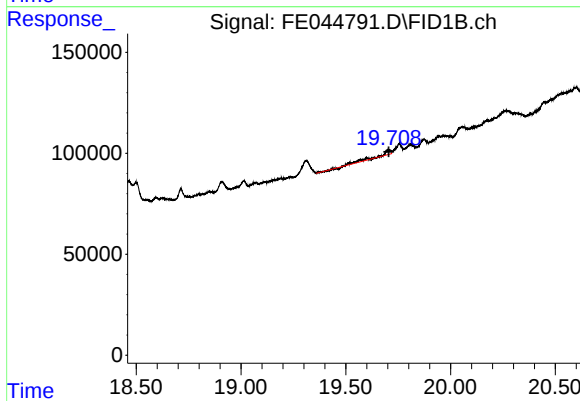
#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: -0.006 min
Response: 75468
Conc: 0.53 ug/ml



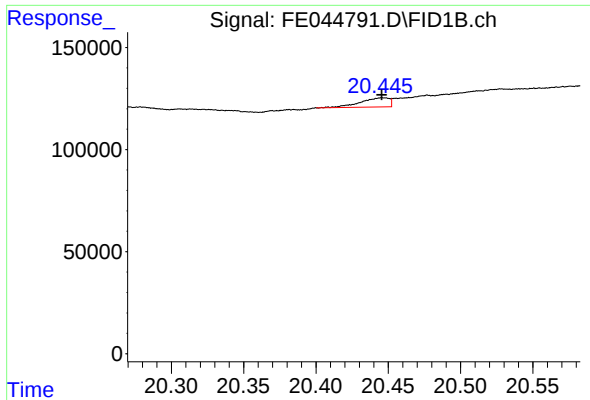
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.010 min
Response: 98646
Conc: 0.67 ug/ml



#19 n-Tetratriacontane (C34)

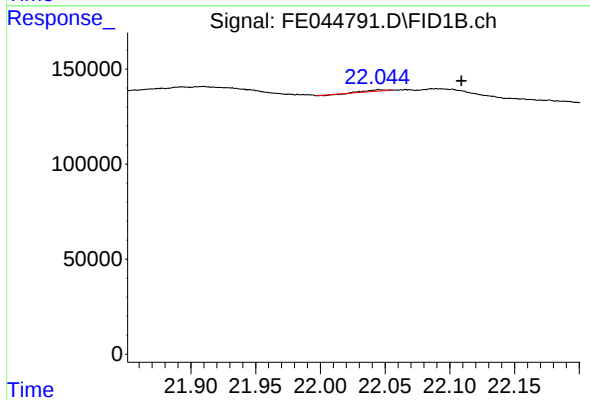
R.T.: 19.708 min
Delta R.T.: 0.003 min
Response: 78978
Conc: 0.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: 0.000 min
Response: 61837
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.064 min
Response: 6292
Conc: 0.04 ug/ml