

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031725AL\
 Data File : FE052825.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2025 17:28
 Operator : YP\AJ
 Sample : Q1585-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 01:18:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.911	5534282	32.828 ug/ml
Spiked Amount 50.000		Recovery =	65.66%
12) S 1-chlorooctadecane (S...	13.356	4357020	35.882 ug/ml
Spiked Amount 50.000		Recovery =	71.76%
Target Compounds			
10) T n-Eicosane (C20)	12.910	274386	1.890 ug/ml
13) T n-Docosane (C22)	14.111	107390	0.755 ug/ml
14) T n-Tetracosane (C24)	15.196	577982	4.039 ug/ml
15) T n-Hexacosane (C26)	16.244	179343	1.261 ug/ml
16) T n-Octacosane (C28)	17.206	303907	2.137 ug/ml
17) T n-Tricontane (C30)	18.084	350681	2.374 ug/ml
18) T n-Dotriacontane (C32)	18.921	199965	1.377 ug/ml
19) T n-Tetratriacontane (C34)	19.710	84712	0.629 ug/ml
20) T n-Hexatriacontane (C36)	20.451	69638	0.586 ug/ml
22) T n-Tetracontane (C40)	22.122	772283	7.143 ug/ml

(f)=RT Delta > 1/2 Window

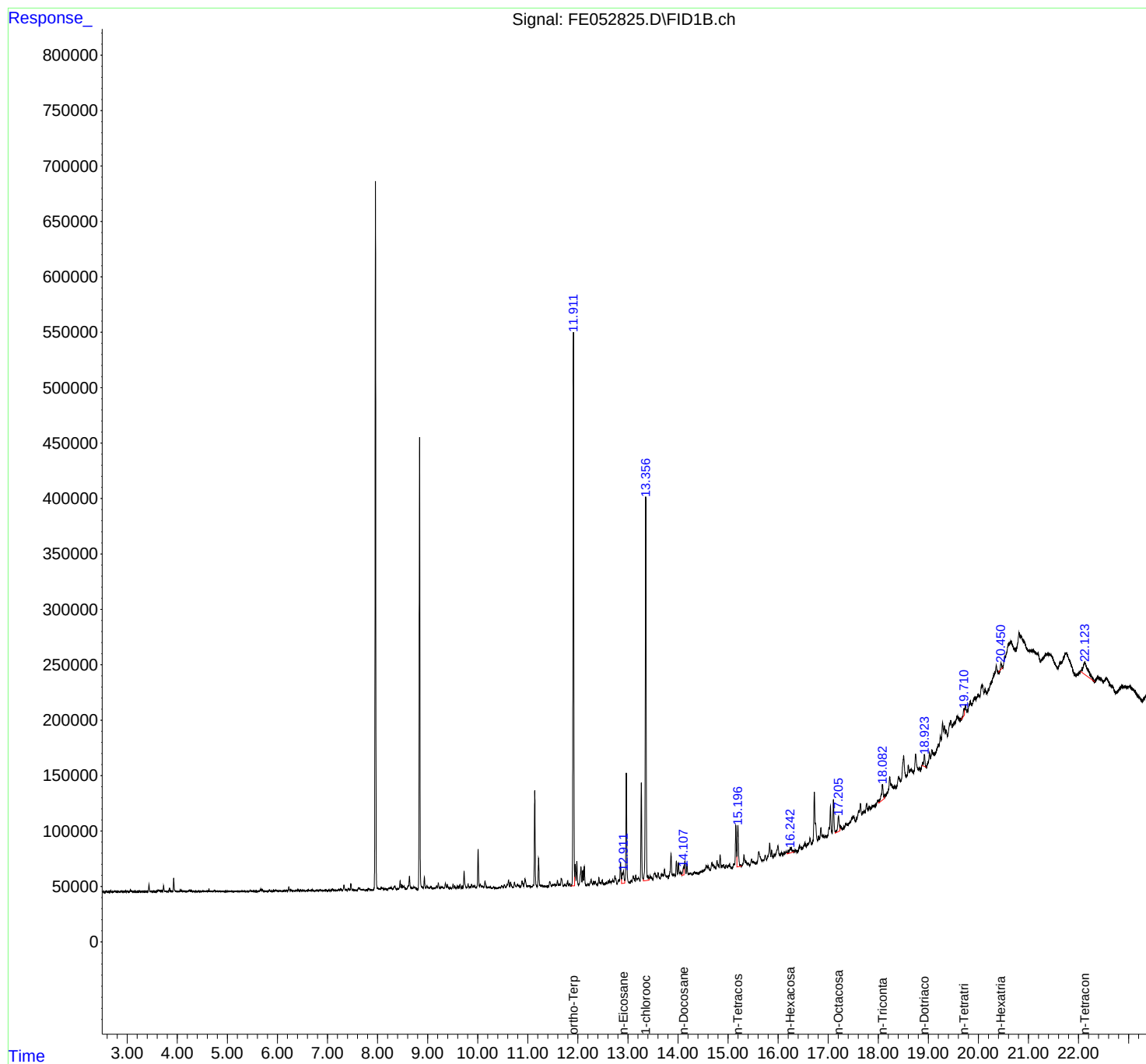
(m)=manual int.

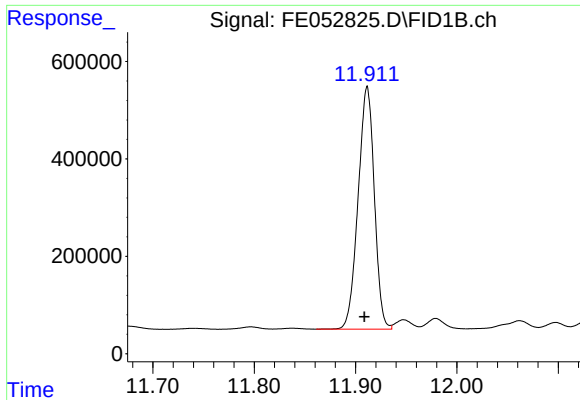
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

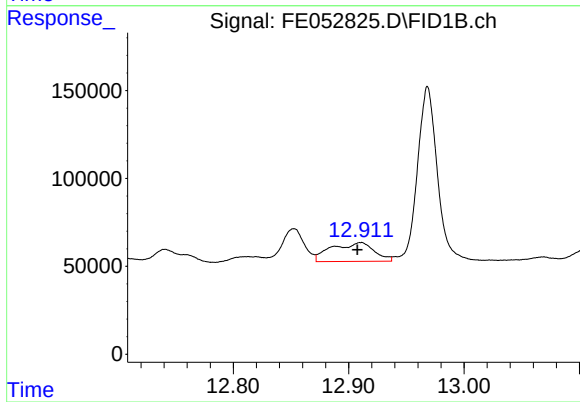




#9 ortho-Terphenyl (SURR)

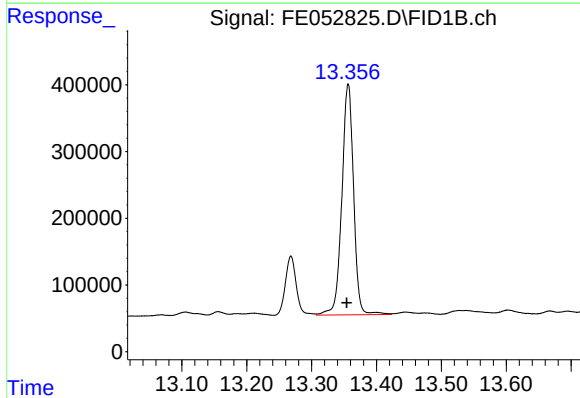
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 5534282
Conc: 32.83 ug/ml

Instrument :
FID_E
ClientSampleId :



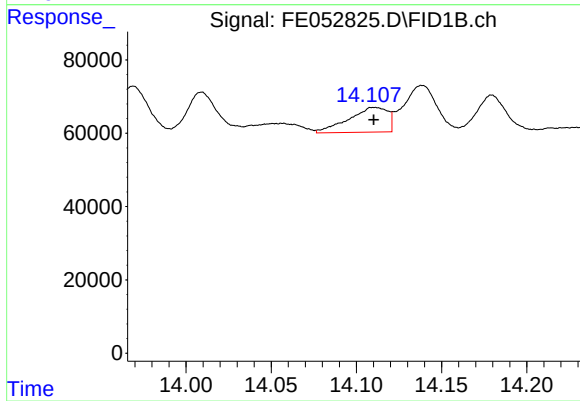
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.003 min
Response: 274386
Conc: 1.89 ug/ml



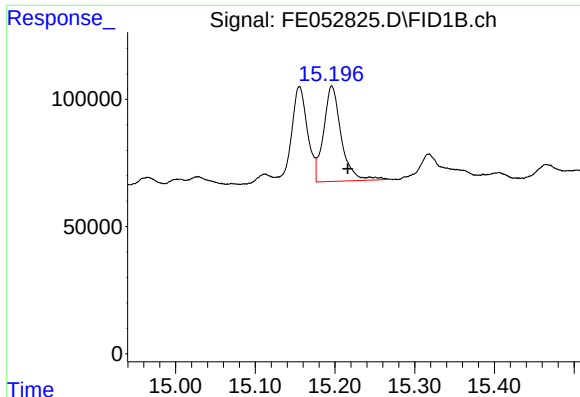
#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 4357020
Conc: 35.88 ug/ml



#13 n-Docosane (C22)

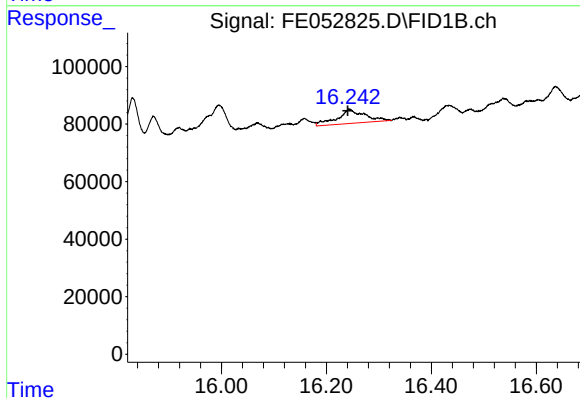
R.T.: 14.111 min
Delta R.T.: 0.001 min
Response: 107390
Conc: 0.75 ug/ml



#14 n-Tetracosane (C24)

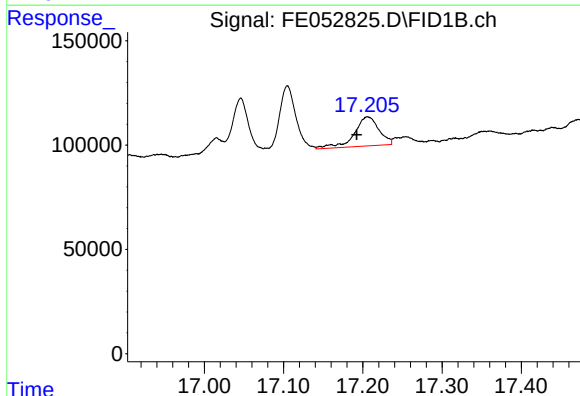
R.T.: 15.196 min
Delta R.T.: -0.020 min
Response: 577982
Conc: 4.04 ug/ml

Instrument :
FID_E
ClientSampleId :



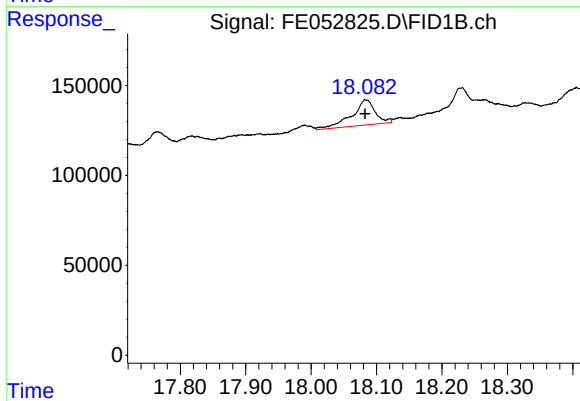
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.004 min
Response: 179343
Conc: 1.26 ug/ml



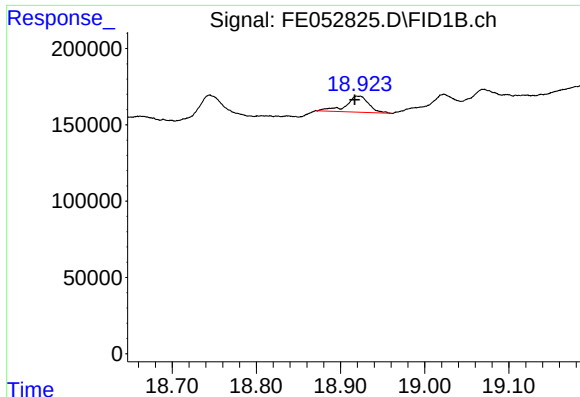
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: 0.014 min
Response: 303907
Conc: 2.14 ug/ml



#17 n-Tricontane (C30)

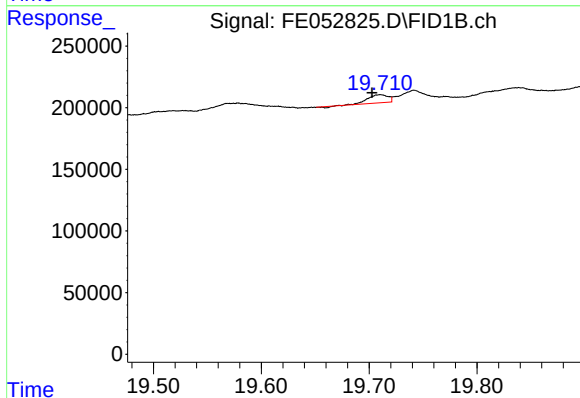
R.T.: 18.084 min
Delta R.T.: 0.001 min
Response: 350681
Conc: 2.37 ug/ml



#18 n-Dotriacontane (C32)

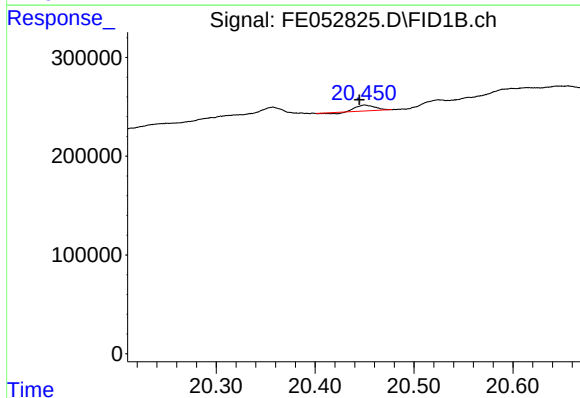
R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 199965
Conc: 1.38 ug/ml

Instrument :
FID_E
ClientSampleId :



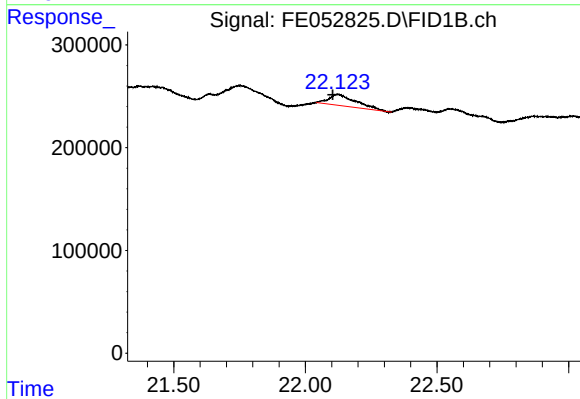
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.008 min
Response: 84712
Conc: 0.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: 0.006 min
Response: 69638
Conc: 0.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.018 min
Response: 772283
Conc: 7.14 ug/ml