

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031725AL\
 Data File : FE052826.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2025 17:58
 Operator : YP\AJ
 Sample : Q1585-01D
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 01:19:07 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)	11.912	5594267	33.183 ug/ml
Spiked Amount 50.000		Recovery =	66.37%
12) S 1-chlorooctadecane (S...	13.357	4401051	36.245 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
Target Compounds			
10) T n-Eicosane (C20)	12.911	279528	1.925 ug/ml
13) T n-Docosane (C22)	14.112	110402	0.776 ug/ml
14) T n-Tetracosane (C24)	15.196	579495	4.049 ug/ml
16) T n-Octacosane (C28)	17.207	289993	2.039 ug/ml
17) T n-Tricontane (C30)	18.087	386421	2.616 ug/ml
18) T n-Dotriacontane (C32)	18.922	175414	1.208 ug/ml
19) T n-Tetratriacontane (C34)	19.710	64923	0.482 ug/ml
20) T n-Hexatriacontane (C36)	20.452	92003	0.774 ug/ml
22) T n-Tetracontane (C40)	22.123	670944	6.206 ug/ml

(f)=RT Delta > 1/2 Window

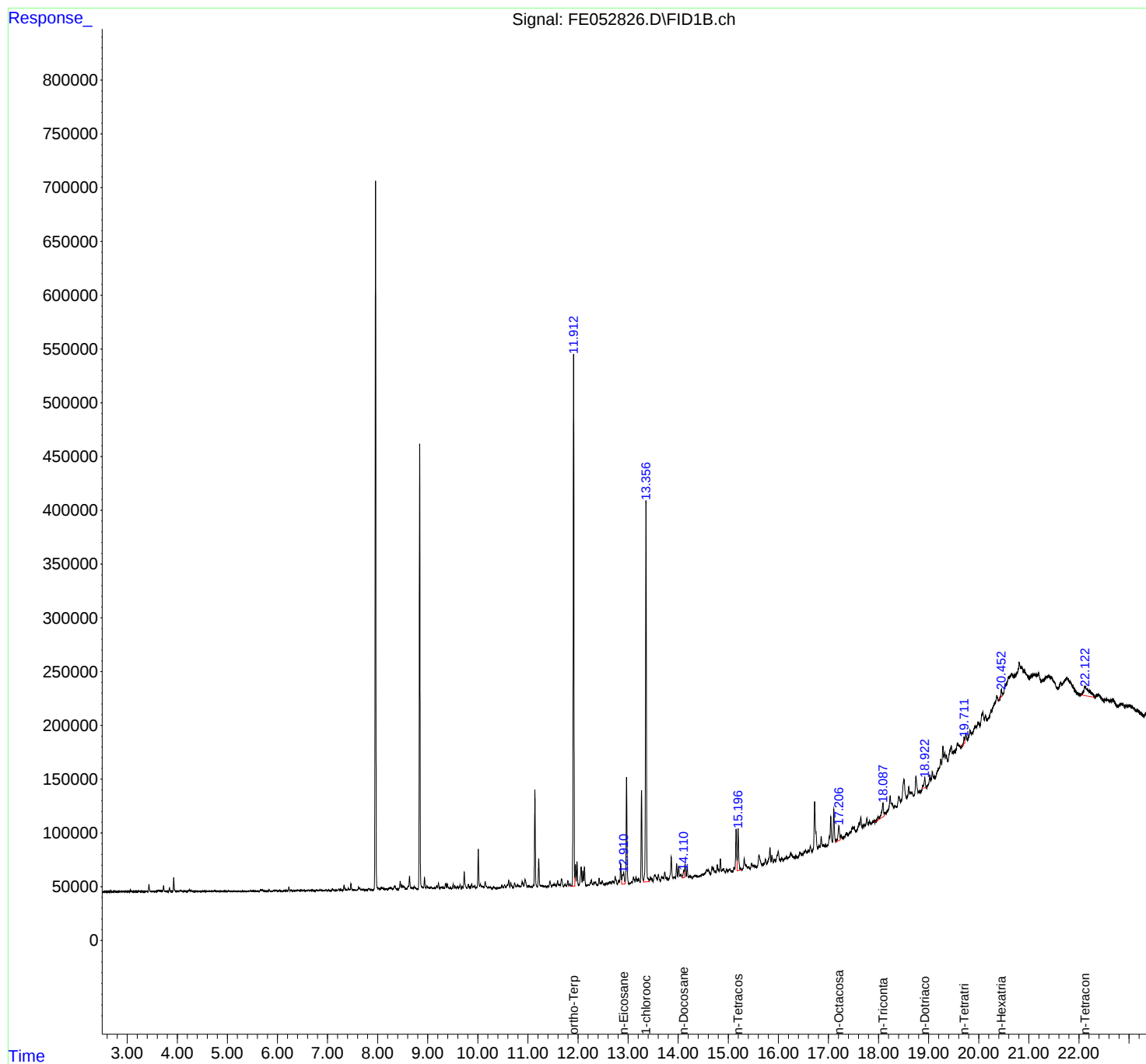
(m)=manual int.

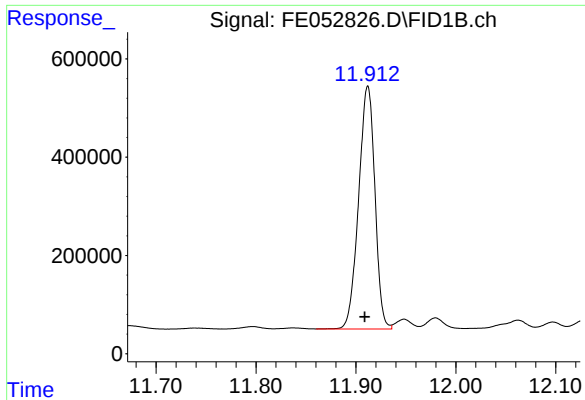
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

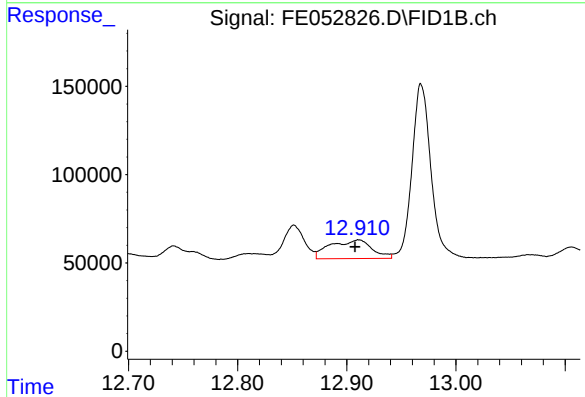




#9 ortho-Terphenyl (SURR)

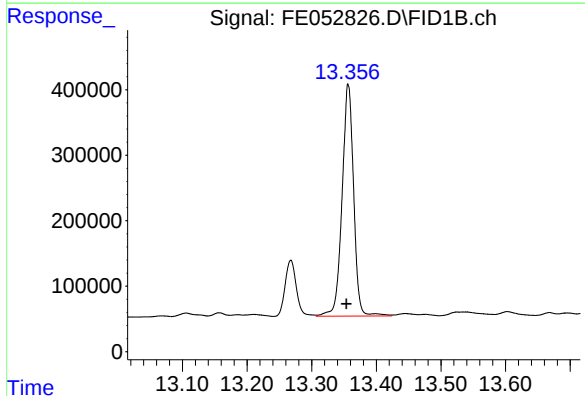
R.T.: 11.912 min
Delta R.T.: 0.003 min
Response: 5594267
Conc: 33.18 ug/ml

Instrument :
FID_E
ClientSampleId :



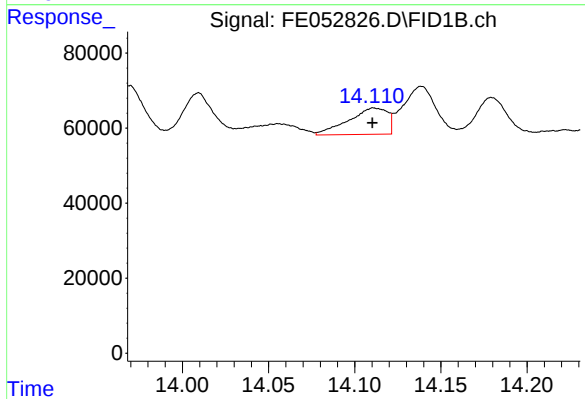
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 279528
Conc: 1.93 ug/ml



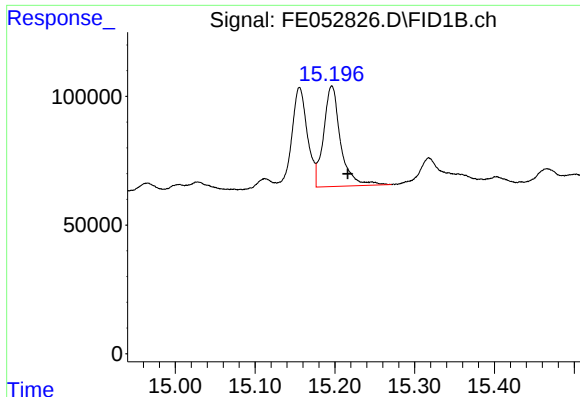
#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 4401051
Conc: 36.24 ug/ml



#13 n-Docosane (C22)

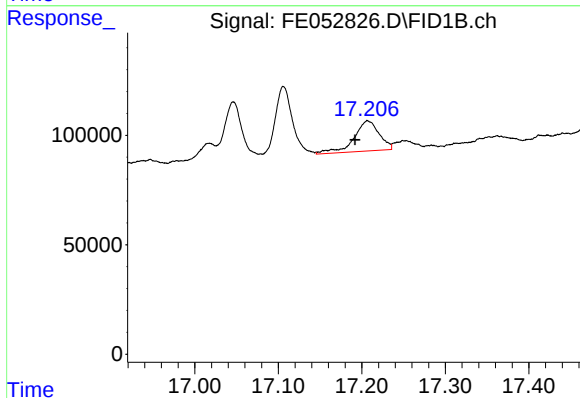
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 110402
Conc: 0.78 ug/ml



#14 n-Tetracosane (C24)

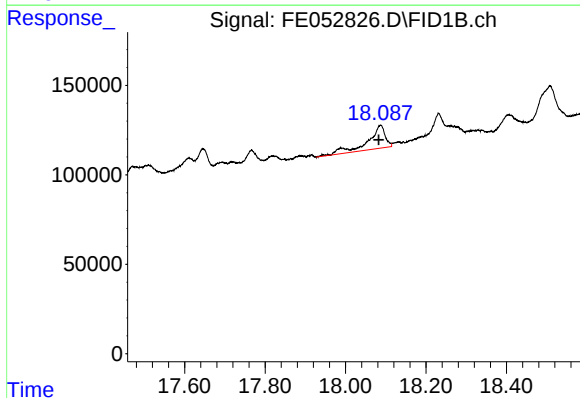
R.T.: 15.196 min
Delta R.T.: -0.020 min
Response: 579495
Conc: 4.05 ug/ml

Instrument :
FID_E
ClientSampleId :



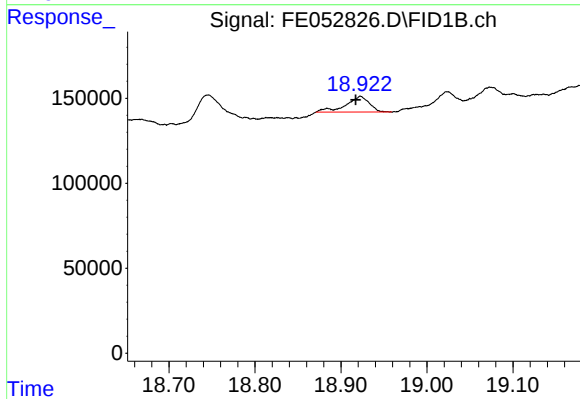
#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: 0.015 min
Response: 289993
Conc: 2.04 ug/ml



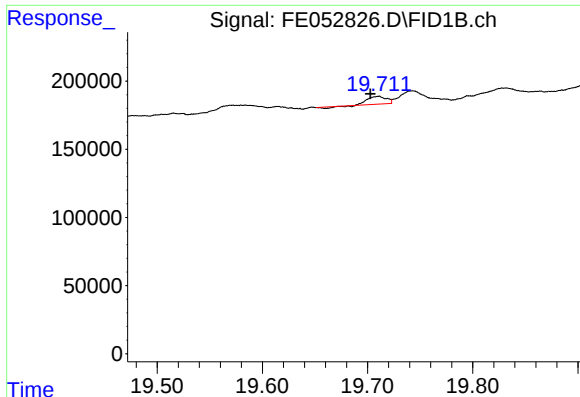
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: 0.004 min
Response: 386421
Conc: 2.62 ug/ml



#18 n-Dotriacontane (C32)

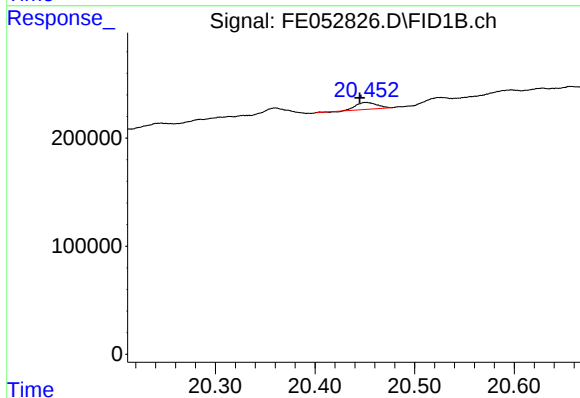
R.T.: 18.922 min
Delta R.T.: 0.006 min
Response: 175414
Conc: 1.21 ug/ml



#19 n-Tetratriacontane (C34)

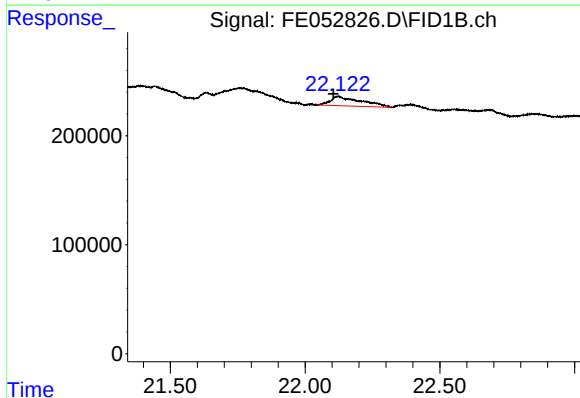
R.T.: 19.710 min
Delta R.T.: 0.007 min
Response: 64923
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 92003
Conc: 0.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.018 min
Response: 670944
Conc: 6.21 ug/ml