

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046303.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 11:46
 Operator : YP\AJ
 Sample : P1161-02DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 19 22:08:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.828	2979895	16.398 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
12) S 1-chlorooctadecane (S...	13.270	2347295	17.568 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
Target Compounds			
6) T n-Tetradecane (C14)	8.425	17372	0.112 ug/ml
8) T n-Octadecane (C18)	11.513	24728	0.157 ug/ml
10) T n-Eicosane (C20)	12.824	89889	0.594 ug/ml
11) T n-Heneicosane (C21)	13.439	50419	0.343 ug/ml
13) T n-Docosane (C22)	14.024	127040	0.869 ug/ml
14) T n-Tetracosane (C24)	15.130	188222	1.298 ug/ml
15) T n-Hexacosane (C26)	16.156	141245	0.985 ug/ml
16) T n-Octacosane (C28)	17.109	174670	1.218 ug/ml
17) T n-Tricontane (C30)	17.998	222207	1.495 ug/ml
18) T n-Dotriacontane (C32)	18.833	207156	1.385 ug/ml
19) T n-Tetratriacontane (C34)	19.626	228208	1.593 ug/ml
20) T n-Hexatriacontane (C36)	20.366	168011	1.152 ug/ml
21) T n-Octatriacontane (C38)	21.102	115623	0.784 ug/ml
22) T n-Tetracontane (C40)	21.992	104821	0.670 ug/ml

(f)=RT Delta > 1/2 Window

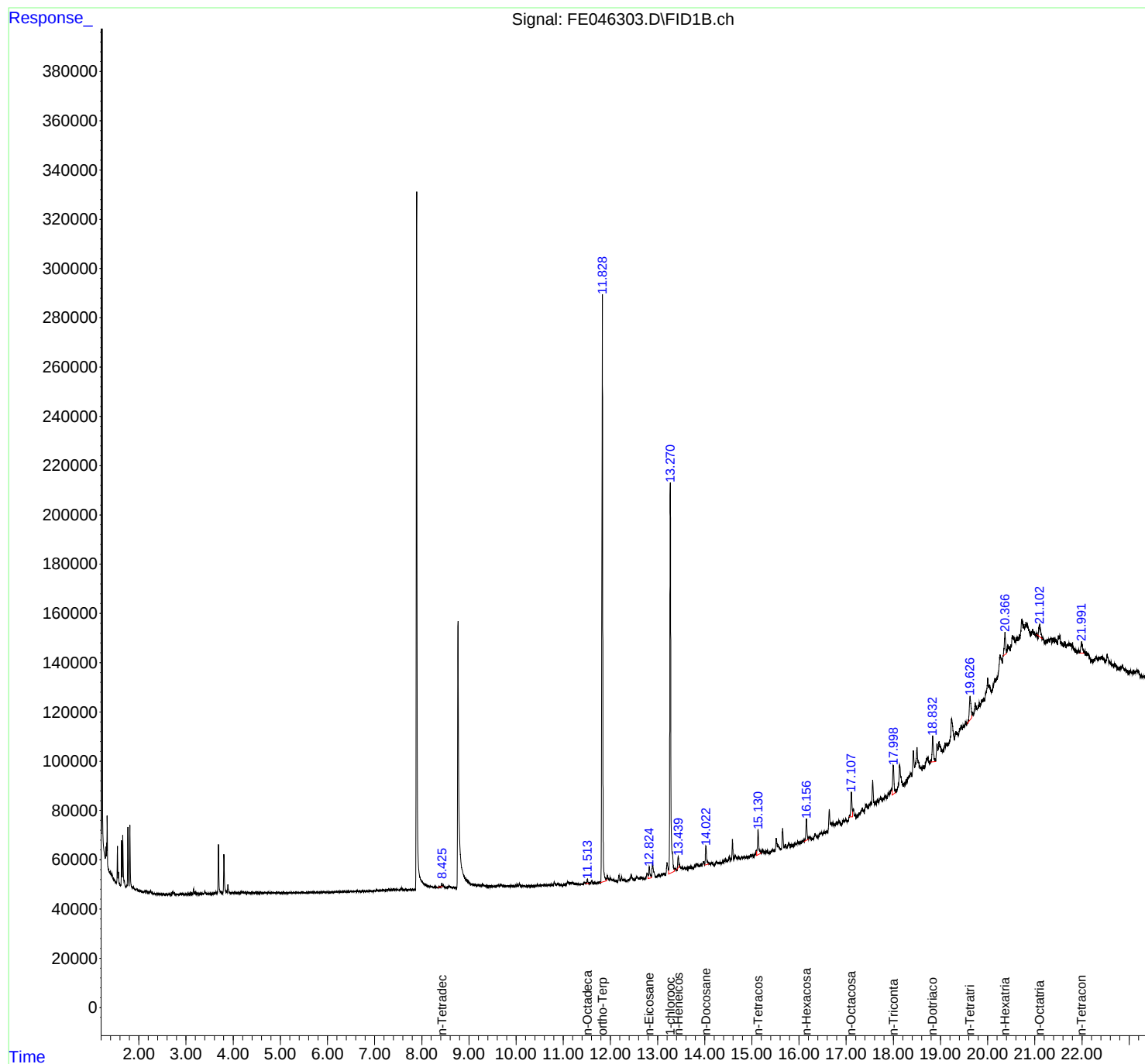
(m)=manual int.

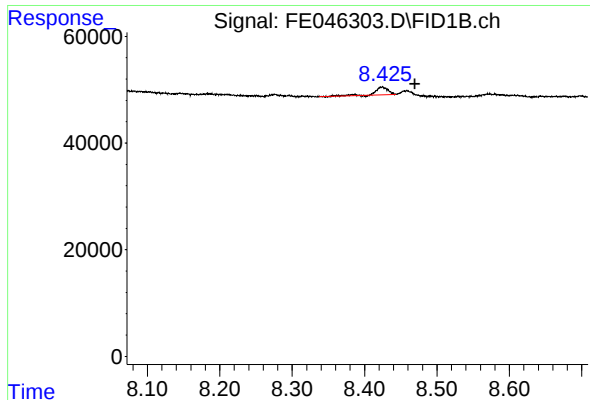
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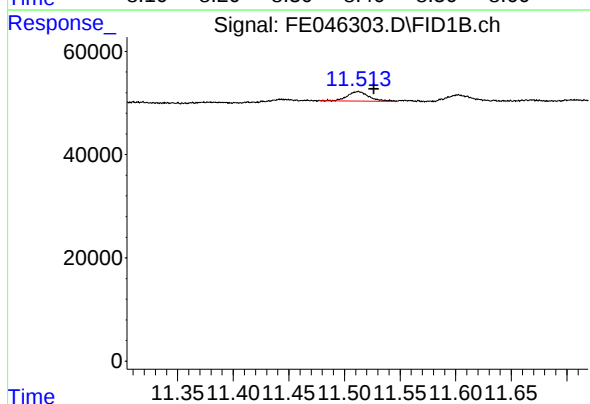




#6 n-Tetradecane (C14)

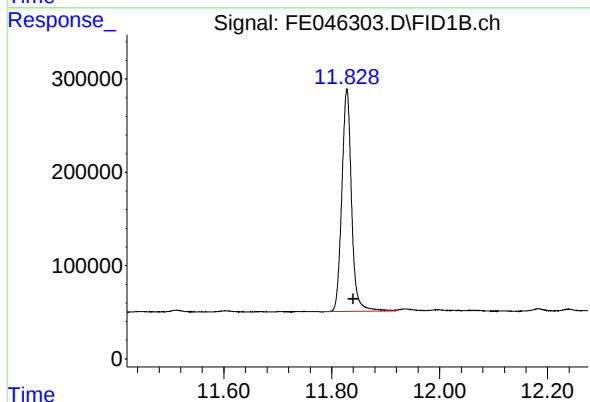
R.T.: 8.425 min
Delta R.T.: -0.045 min
Response: 17372
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :



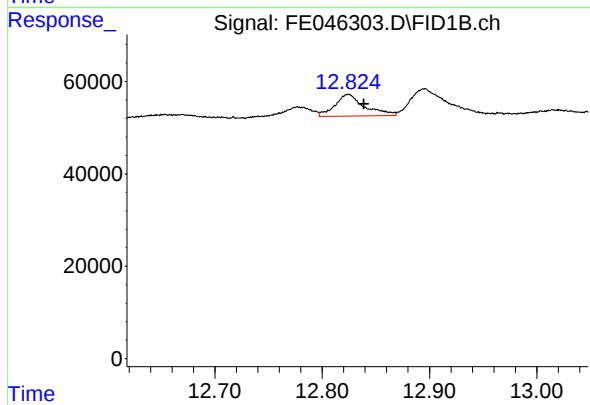
#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.014 min
Response: 24728
Conc: 0.16 ug/ml



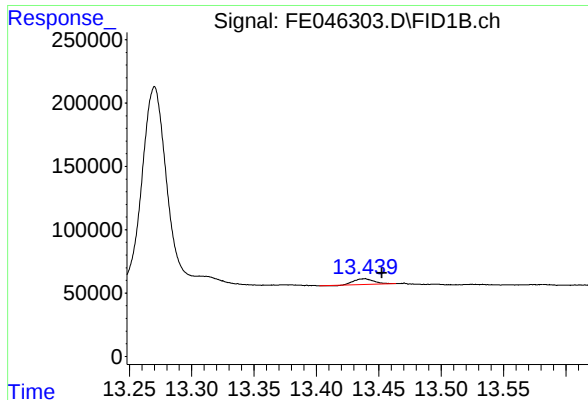
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 2979895
Conc: 16.40 ug/ml



#10 n-Eicosane (C20)

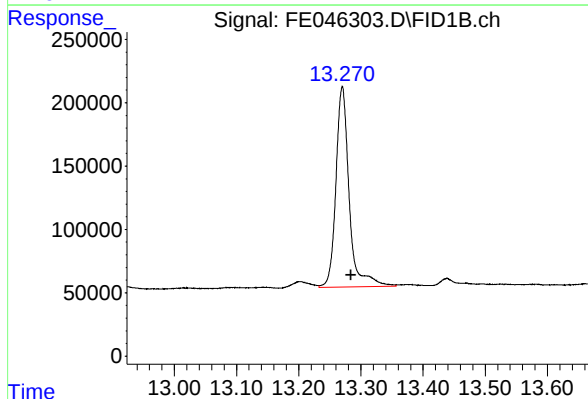
R.T.: 12.824 min
Delta R.T.: -0.014 min
Response: 89889
Conc: 0.59 ug/ml



#11 n-Heneicosane (C21)

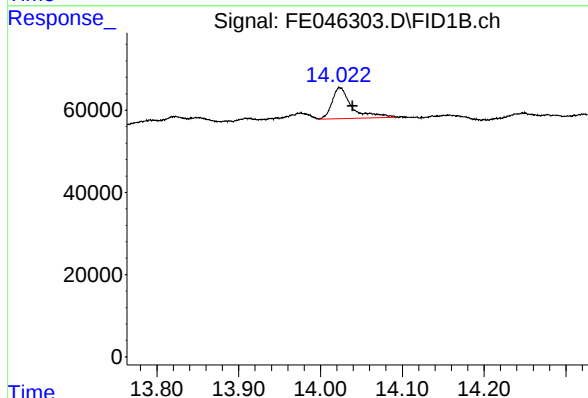
R.T.: 13.439 min
Delta R.T.: -0.014 min
Response: 50419
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :



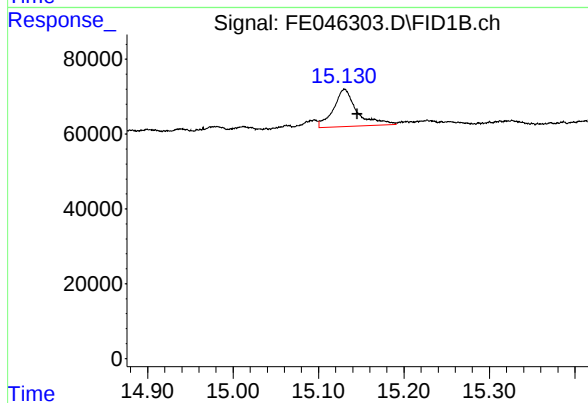
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.014 min
Response: 2347295
Conc: 17.57 ug/ml



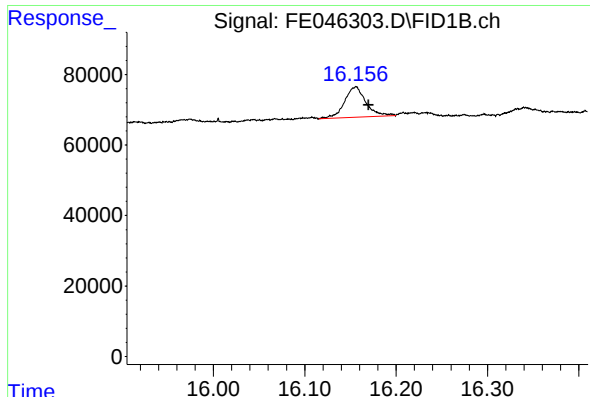
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.016 min
Response: 127040
Conc: 0.87 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.015 min
Response: 188222
Conc: 1.30 ug/ml



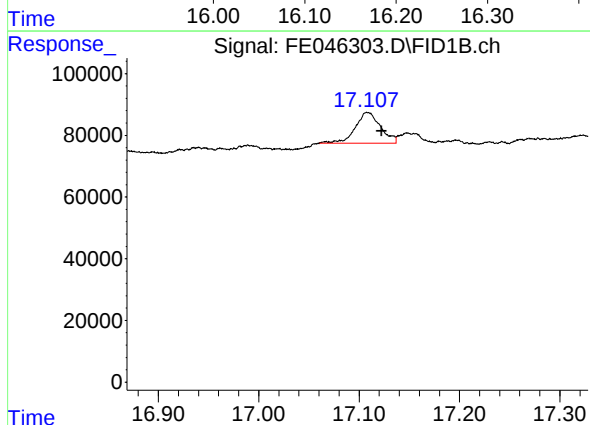
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 141245
Conc: 0.99 ug/ml

Instrument :

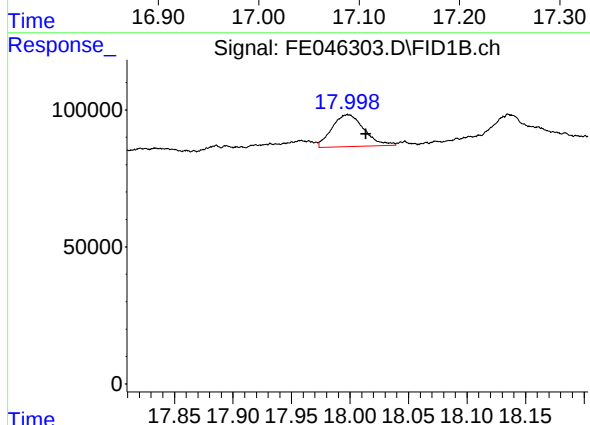
FID_E

ClientSampleId :



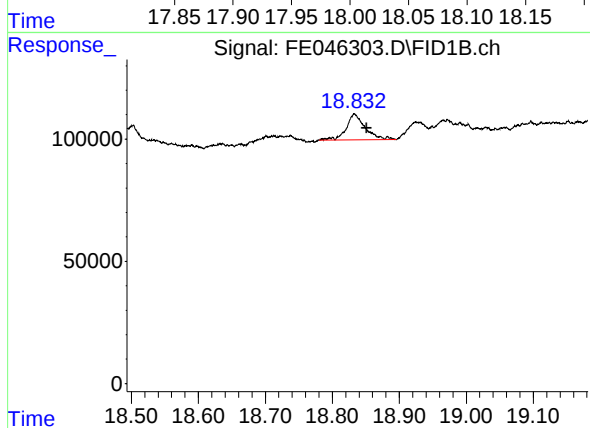
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.014 min
Response: 174670
Conc: 1.22 ug/ml



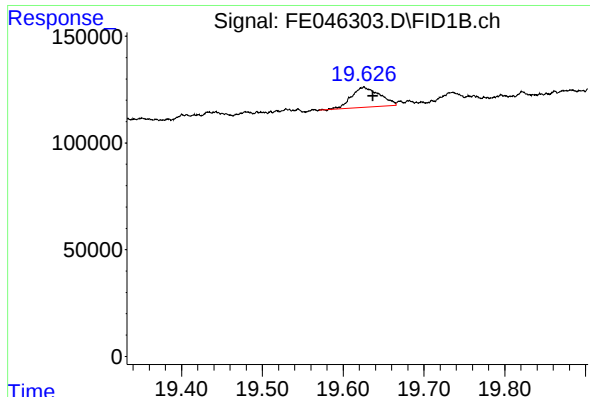
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 222207
Conc: 1.49 ug/ml



#18 n-Dotriacontane (C32)

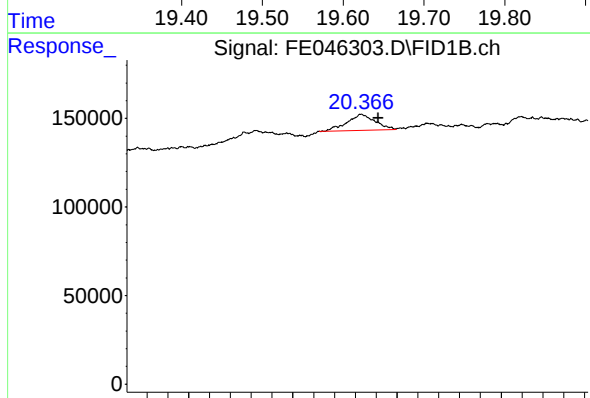
R.T.: 18.833 min
Delta R.T.: -0.018 min
Response: 207156
Conc: 1.39 ug/ml



#19 n-Tetratriacontane (C34)

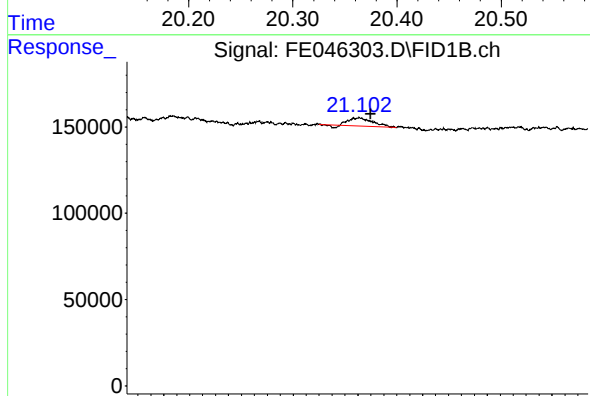
R.T.: 19.626 min
Delta R.T.: -0.011 min
Response: 228208
Conc: 1.59 ug/ml

Instrument :
FID_E
ClientSampleId :



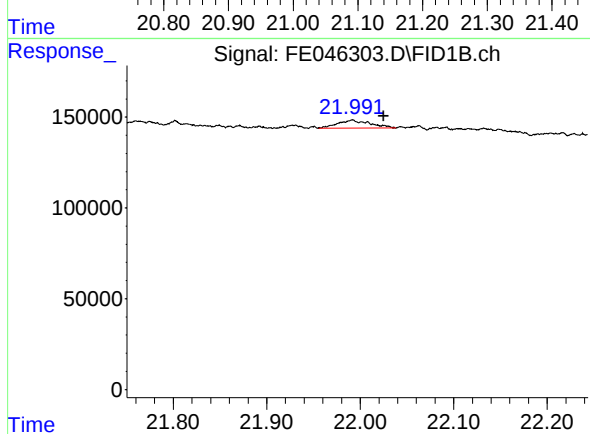
#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 168011
Conc: 1.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.018 min
Response: 115623
Conc: 0.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.034 min
Response: 104821
Conc: 0.67 ug/ml