

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045183.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 18:28
 Operator : YP\AJ
 Sample : 05234-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:04:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.894	10164006	50.702 ug/ml
Spiked Amount 50.000		Recovery =	101.40%
12) S 1-chlorooctadecane (S...	13.336	5773113	39.011 ug/ml
Spiked Amount 50.000		Recovery =	78.02%
Target Compounds			
6) T n-Tetradecane (C14)	8.483f	61771	0.360 ug/ml
7) T n-Hexadecane (C16)	10.177	41015	0.235 ug/ml
8) T n-Octadecane (C18)	11.587	1177395	6.751 ug/ml
10) T n-Eicosane (C20)	12.904	1649351	9.875 ug/ml
11) T n-Heneicosane (C21)	13.552	234043	1.436 ug/ml
16) T n-Octacosane (C28)	17.213	138184	0.941 ug/ml
17) T n-Tricontane (C30)	18.055	213151	1.433 ug/ml
18) T n-Dotriacontane (C32)	18.886	159612	1.063 ug/ml
19) T n-Tetratriacontane (C34)	19.679	138869	0.933 ug/ml
20) T n-Hexatriacontane (C36)	20.425	390078	2.537 ug/ml
21) T n-Octatriacontane (C38)	21.147	224109	1.435 ug/ml
22) T n-Tetracontane (C40)	22.094	45547	0.273 ug/ml

(f)=RT Delta > 1/2 Window

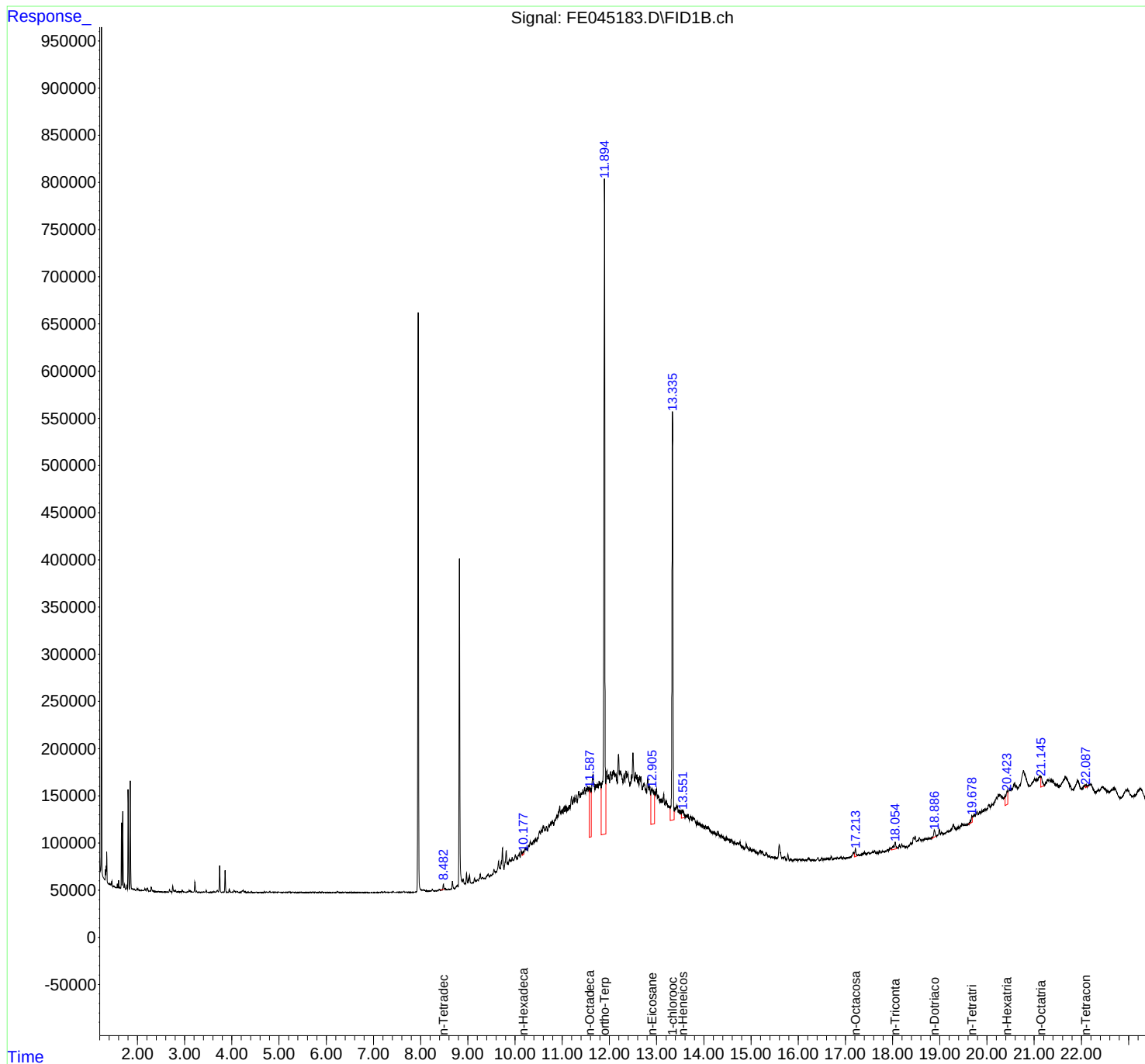
(m)=manual int.

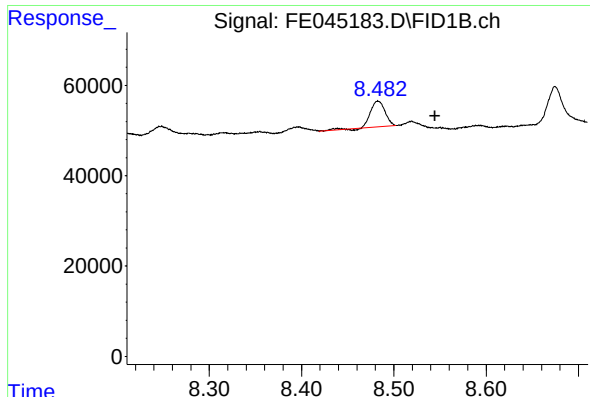
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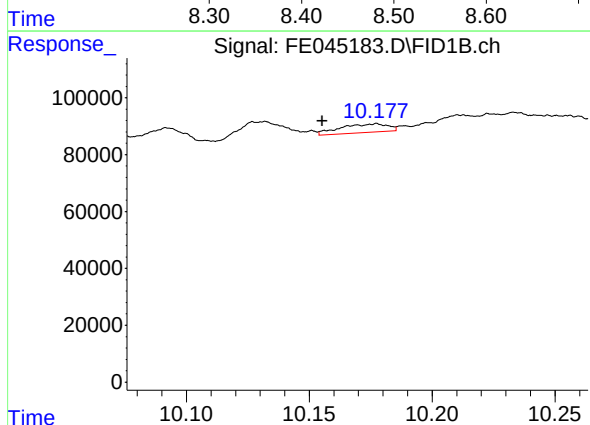




#6 n-Tetradecane (C14)

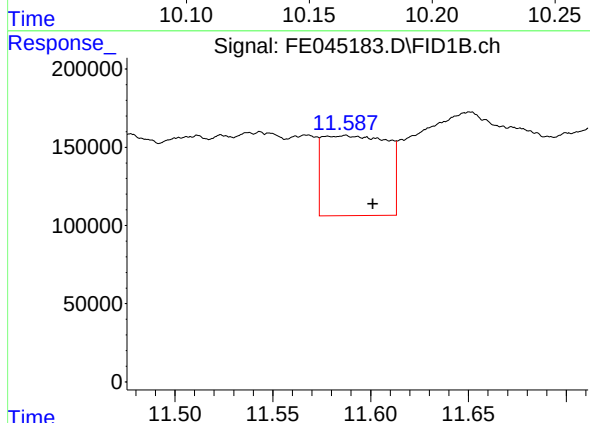
R.T.: 8.483 min
Delta R.T.: -0.061 min
Response: 61771
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :



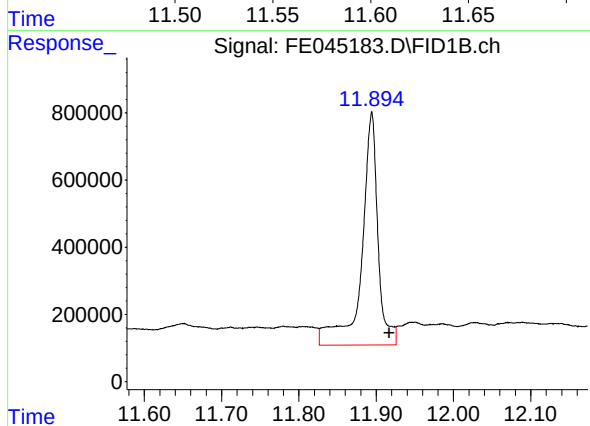
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.022 min
Response: 41015
Conc: 0.23 ug/ml



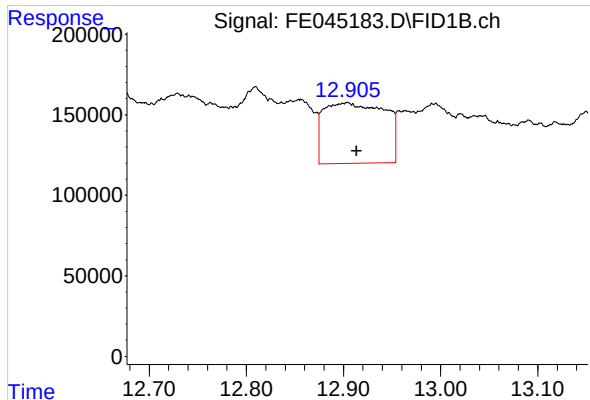
#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.014 min
Response: 1177395
Conc: 6.75 ug/ml



#9 ortho-Terphenyl (SURR)

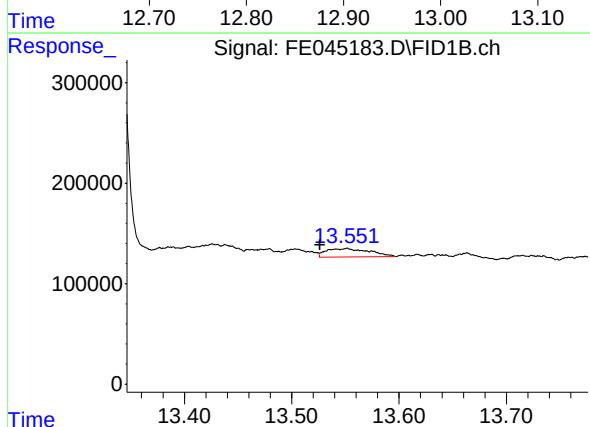
R.T.: 11.894 min
Delta R.T.: -0.023 min
Response: 10164006
Conc: 50.70 ug/ml



#10 n-Eicosane (C20)

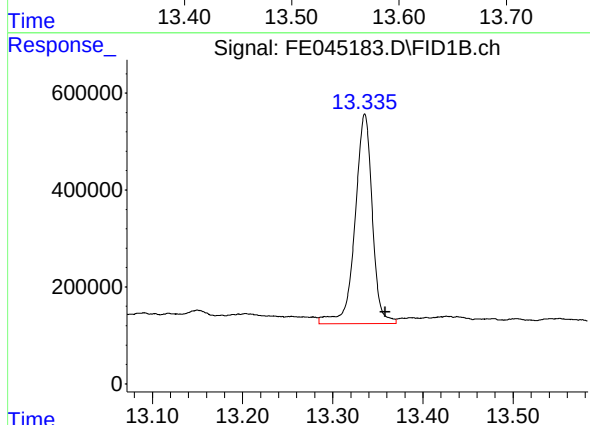
R.T.: 12.904 min
Delta R.T.: -0.009 min
Response: 1649351
Conc: 9.87 ug/ml

Instrument :
FID_E
ClientSampleId :



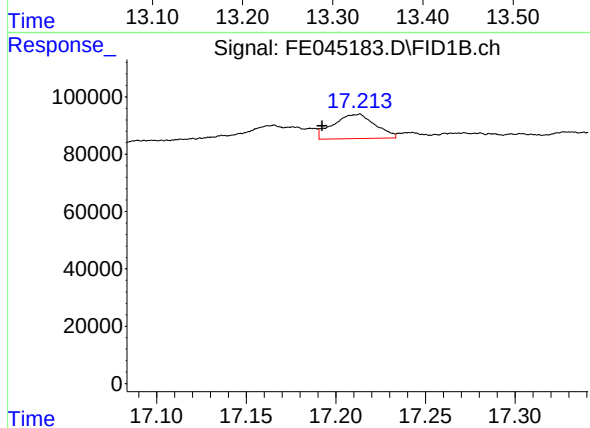
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.025 min
Response: 234043
Conc: 1.44 ug/ml



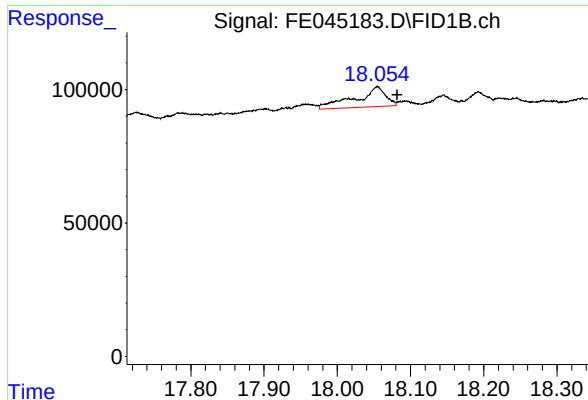
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.023 min
Response: 5773113
Conc: 39.01 ug/ml



#16 n-Octacosane (C28)

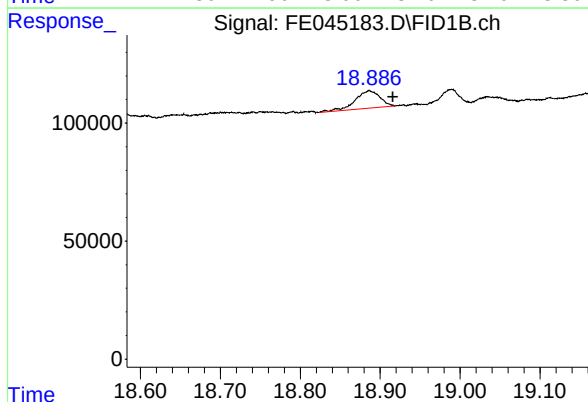
R.T.: 17.213 min
Delta R.T.: 0.020 min
Response: 138184
Conc: 0.94 ug/ml



#17 n-Tricontane (C30)

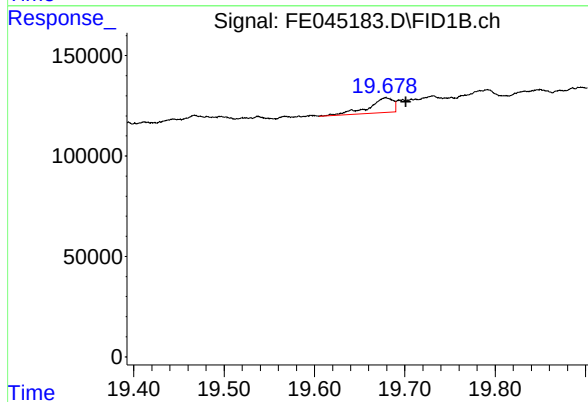
R.T.: 18.055 min
Delta R.T.: -0.027 min
Response: 213151
Conc: 1.43 ug/ml

Instrument :
FID_E
ClientSampleId :



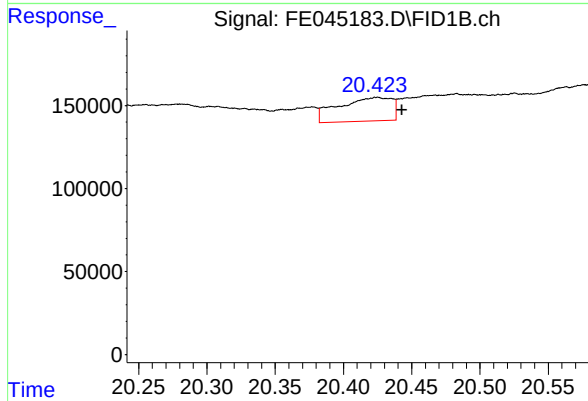
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.030 min
Response: 159612
Conc: 1.06 ug/ml



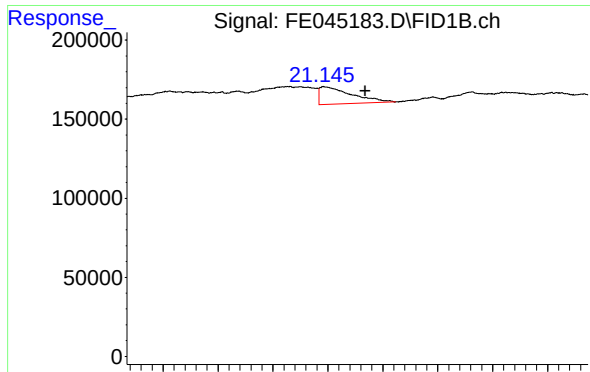
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.023 min
Response: 138869
Conc: 0.93 ug/ml



#20 n-Hexatriacontane (C36)

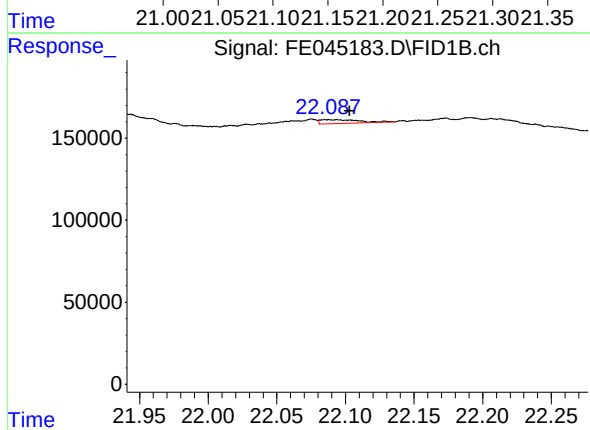
R.T.: 20.425 min
Delta R.T.: -0.018 min
Response: 390078
Conc: 2.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.037 min
Response: 224109
Conc: 1.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.009 min
Response: 45547
Conc: 0.27 ug/ml