

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122223AL\
 Data File : FE045511.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 21:40
 Operator : YP\AJ
 Sample : 05519-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 22 22:48:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.871	5991174	31.379 ug/ml
Spiked Amount 50.000		Recovery =	62.76%
12) S 1-chlorooctadecane (S...	13.313	4421130	32.098 ug/ml
Spiked Amount 50.000		Recovery =	64.20%
Target Compounds			
6) T n-Tetradecane (C14)	8.466f	43413	0.260 ug/ml
8) T n-Octadecane (C18)	11.555	55277	0.330 ug/ml
10) T n-Eicosane (C20)	12.866	51657	0.326 ug/ml
16) T n-Octacosane (C28)	17.146	60375	0.413 ug/ml
17) T n-Tricontane (C30)	18.032	38920	0.256 ug/ml
18) T n-Dotriacontane (C32)	18.886	38995	0.250 ug/ml
19) T n-Tetratriacontane (C34)	19.699	17373	0.111 ug/ml
20) T n-Hexatriacontane (C36)	20.389	62243	0.383 ug/ml
21) T n-Octatriacontane (C38)	21.128	270485	1.628 ug/ml
22) T n-Tetracontane (C40)	22.073	628035	3.677 ug/ml

(f)=RT Delta > 1/2 Window

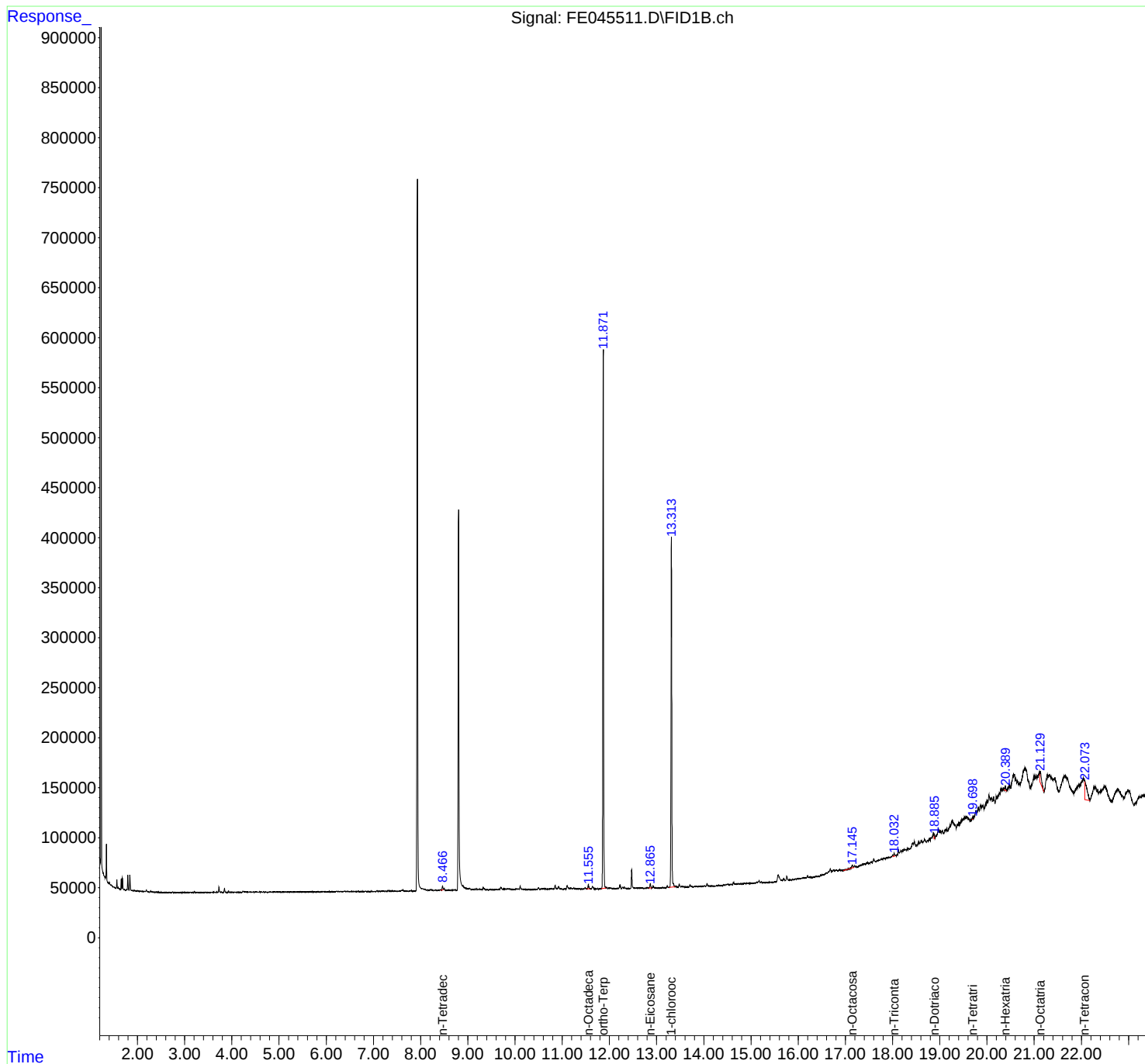
(m)=manual int.

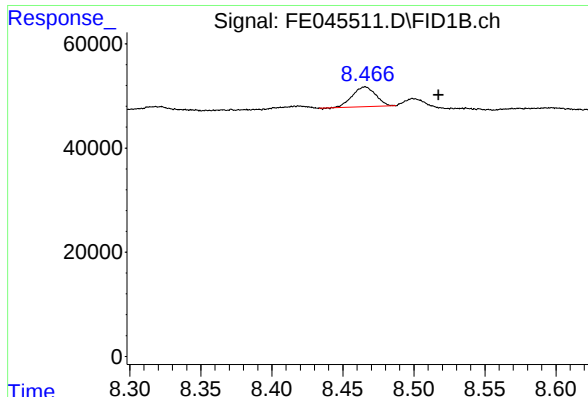
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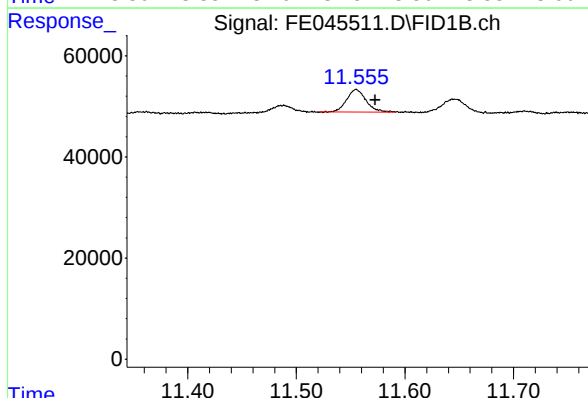
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.052 min
Response: 43413
Conc: 0.26 ug/ml

Instrument :

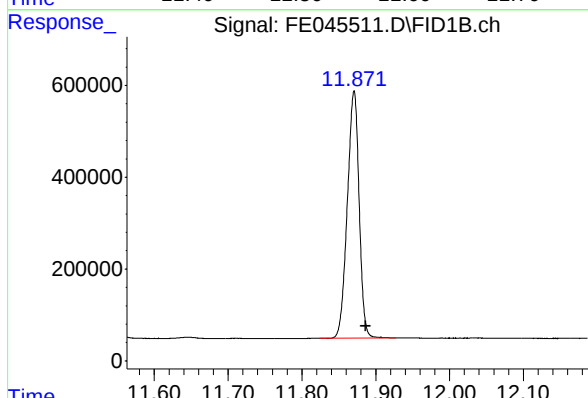
FID_E

ClientSampleId :



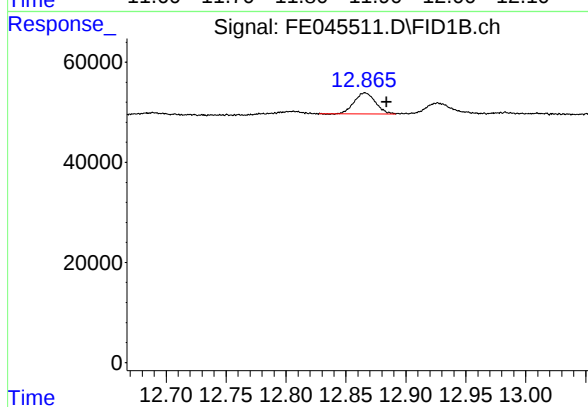
#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.018 min
Response: 55277
Conc: 0.33 ug/ml



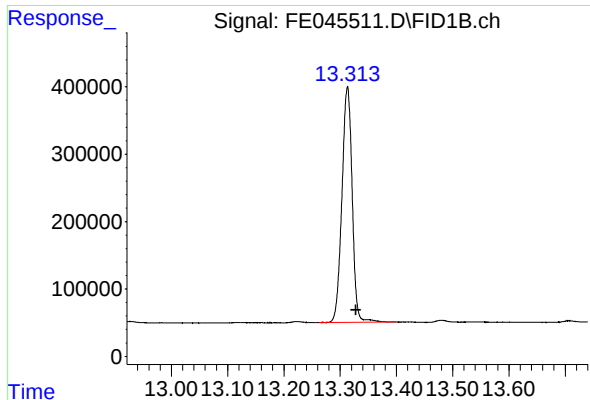
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.016 min
Response: 5991174
Conc: 31.38 ug/ml



#10 n-Eicosane (C20)

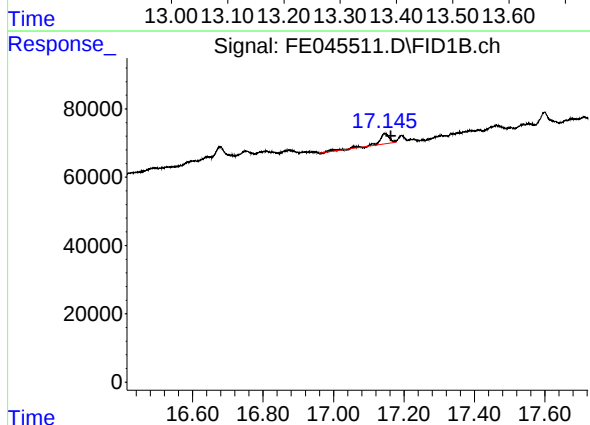
R.T.: 12.866 min
Delta R.T.: -0.018 min
Response: 51657
Conc: 0.33 ug/ml



#12 1-chlorooctadecane (SURR)

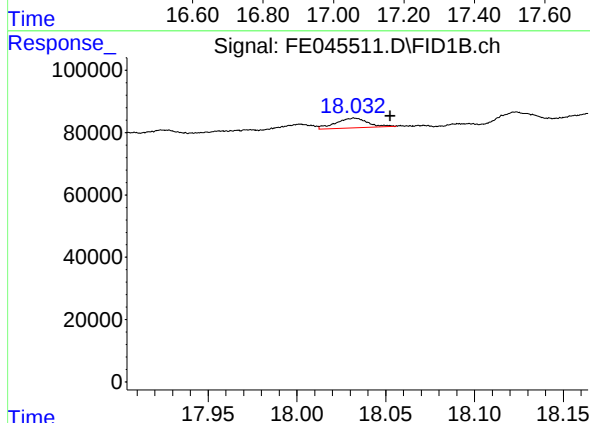
R.T.: 13.313 min
Delta R.T.: -0.015 min
Response: 4421130
Conc: 32.10 ug/ml

Instrument :
FID_E
ClientSampleId :



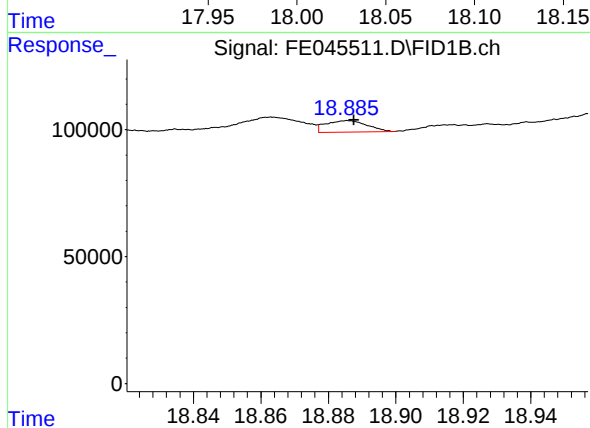
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.018 min
Response: 60375
Conc: 0.41 ug/ml



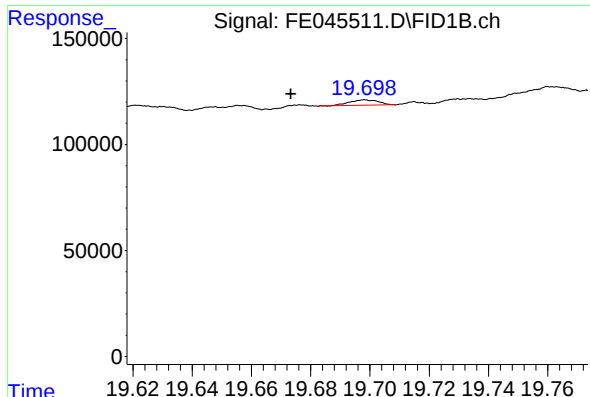
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.020 min
Response: 38920
Conc: 0.26 ug/ml



#18 n-Dotriacontane (C32)

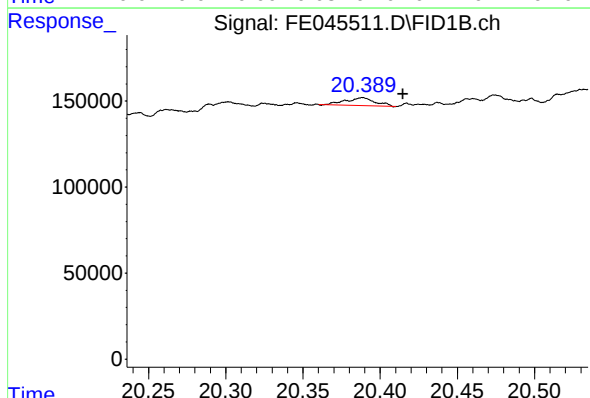
R.T.: 18.886 min
Delta R.T.: -0.002 min
Response: 38995
Conc: 0.25 ug/ml



#19 n-Tetratriacontane (C34)

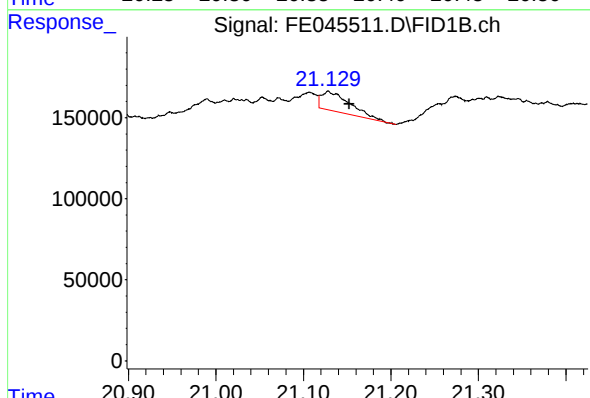
R.T.: 19.699 min
Delta R.T.: 0.025 min
Response: 17373
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :



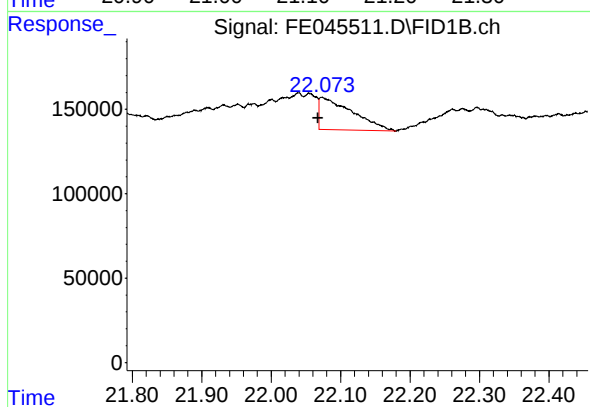
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: -0.026 min
Response: 62243
Conc: 0.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.024 min
Response: 270485
Conc: 1.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: 0.006 min
Response: 628035
Conc: 3.68 ug/ml