

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039634.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 18:07
 Operator : YP\AJ
 Sample : 01005-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 05 02:35:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.927	5722312	38.345 ug/ml
Spiked Amount 50.000		Recovery =	76.69%
12) S 1-chlorooctadecane (S...	13.402	247060	2.147 ug/ml
Spiked Amount 50.000		Recovery =	4.29%
Target Compounds			
6) T n-Tetradecane (C14)	8.558	112723	0.851 ug/ml
7) T n-Hexadecane (C16)	10.164	98922	0.719 ug/ml
8) T n-Octadecane (C18)	11.607	107158	0.765 ug/ml
10) T n-Eicosane (C20)	12.915	93989	0.689 ug/ml
11) T n-Heneicosane (C21)	13.537	156781	1.149 ug/ml
13) T n-Docosane (C22)	14.113	48511	0.359 ug/ml
14) T n-Tetracosane (C24)	15.197	274586	2.045 ug/ml
15) T n-Hexacosane (C26)	16.235	60744	0.467 ug/ml
16) T n-Octacosane (C28)	17.234	31867	0.248 ug/ml
17) T n-Tricontane (C30)	18.074	85119	0.661 ug/ml
18) T n-Dotriacontane (C32)	18.906	162462	1.255 ug/ml
19) T n-Tetratriacontane (C34)	19.694	59162	0.469 ug/ml
20) T n-Hexatriacontane (C36)	20.428	60917	0.504 ug/ml

(f)=RT Delta > 1/2 Window

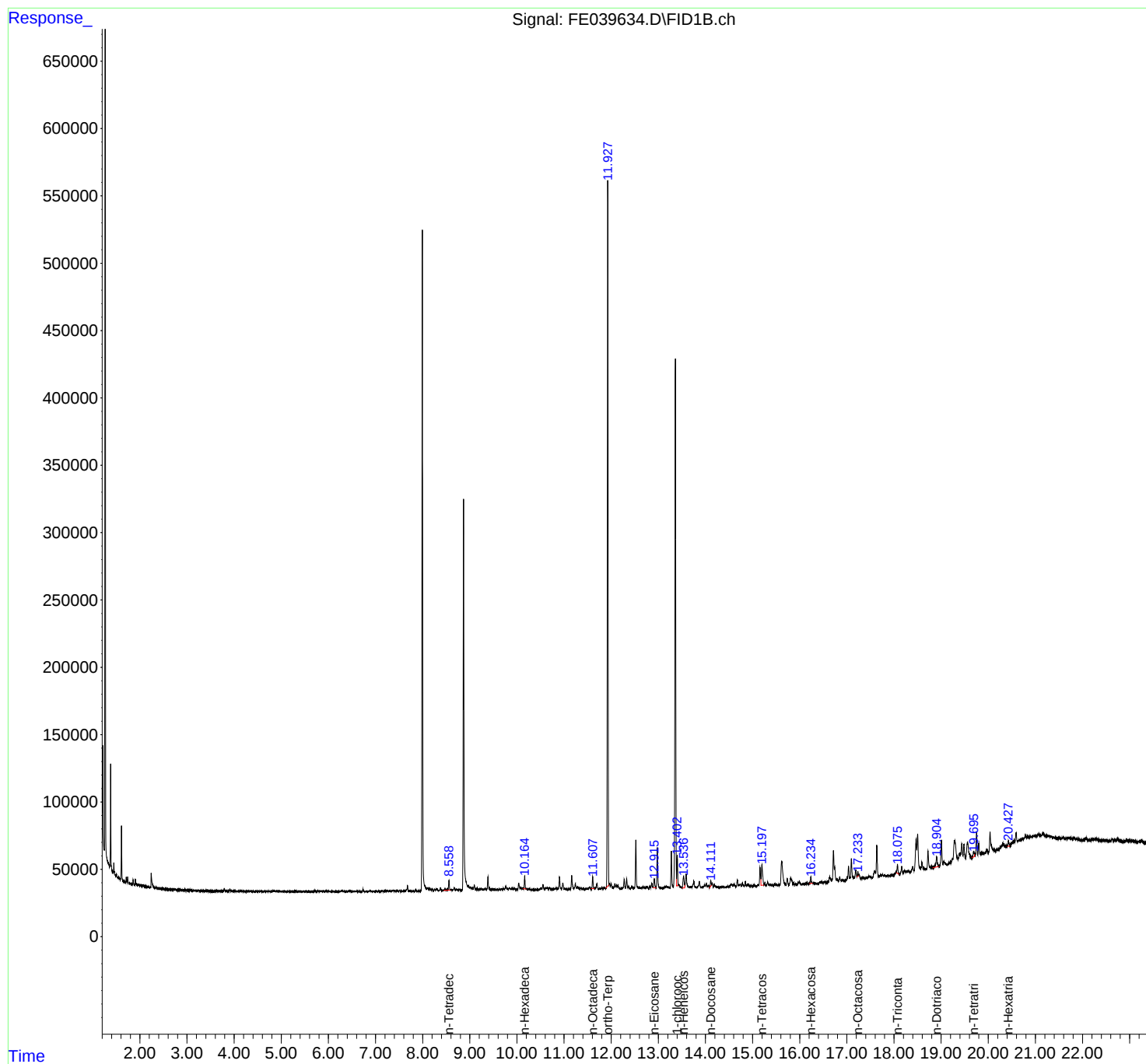
(m)=manual int.

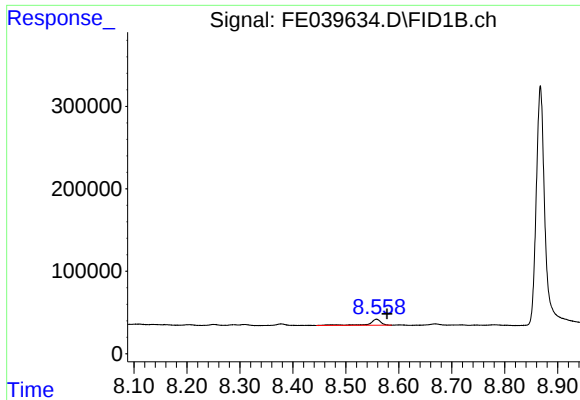
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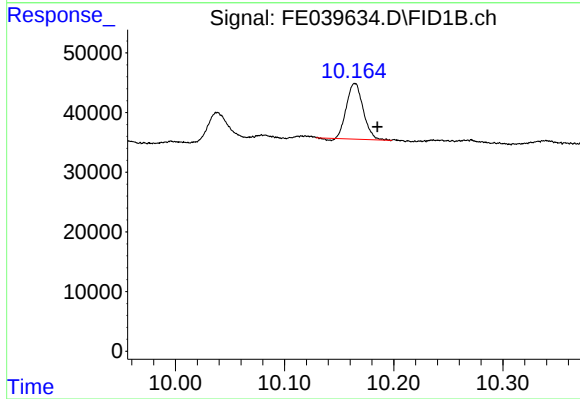




#6 n-Tetradecane (C14)

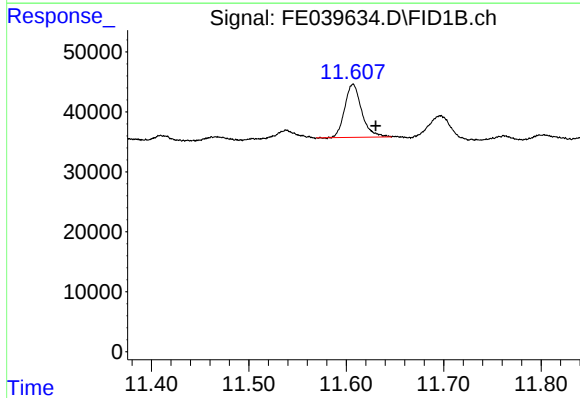
R.T.: 8.558 min
Delta R.T.: -0.020 min
Response: 112723
Conc: 0.85 ug/ml

Instrument :
FID_E
ClientSampleId :



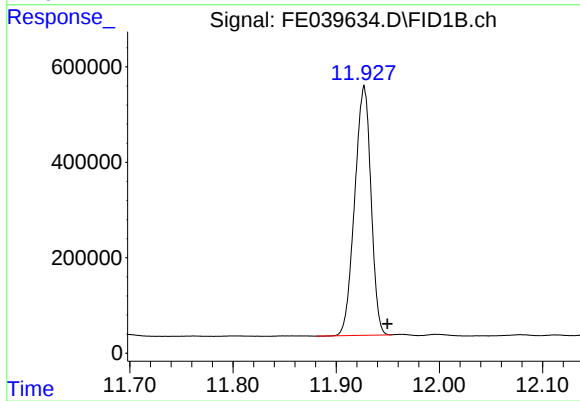
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.021 min
Response: 98922
Conc: 0.72 ug/ml



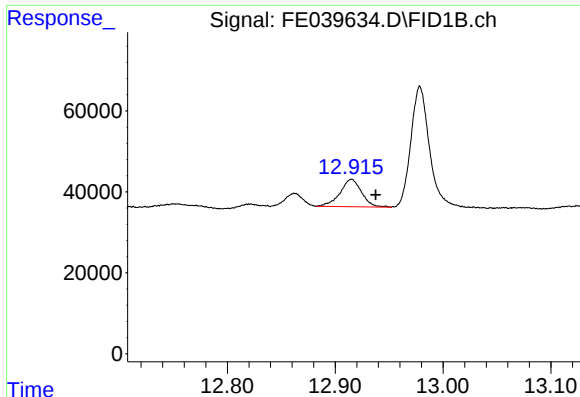
#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.023 min
Response: 107158
Conc: 0.77 ug/ml



#9 ortho-Terphenyl (SURR)

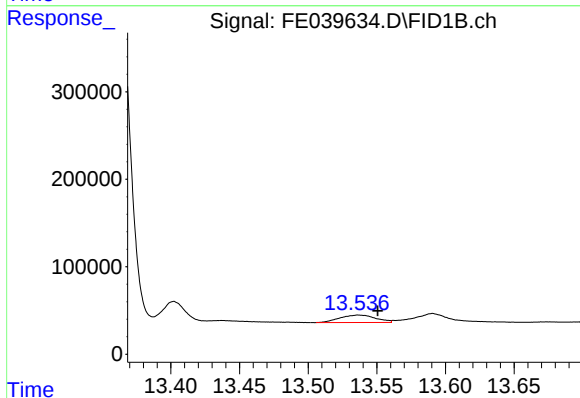
R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 5722312
Conc: 38.34 ug/ml



#10 n-Eicosane (C20)

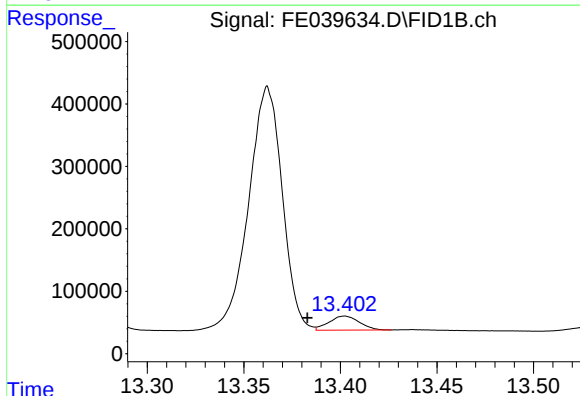
R.T.: 12.915 min
Delta R.T.: -0.022 min
Response: 93989
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :



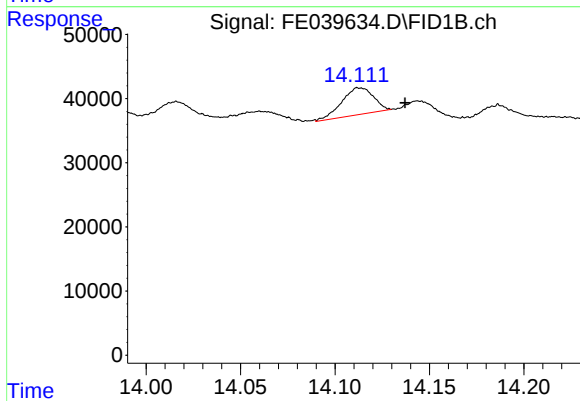
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.014 min
Response: 156781
Conc: 1.15 ug/ml



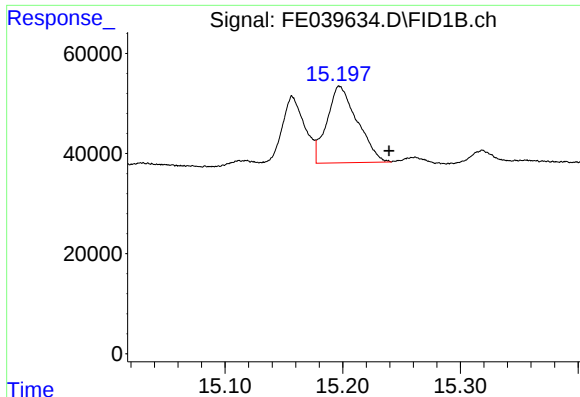
#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: 0.019 min
Response: 247060
Conc: 2.15 ug/ml



#13 n-Docosane (C22)

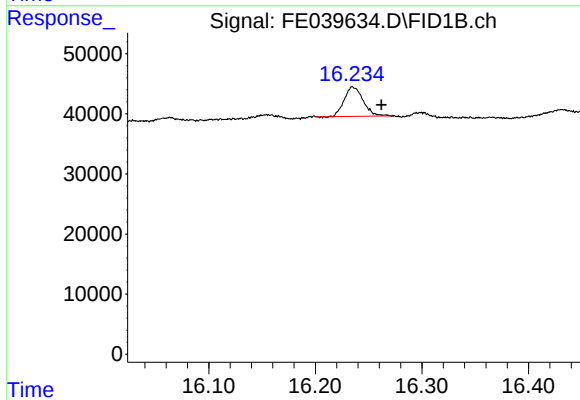
R.T.: 14.113 min
Delta R.T.: -0.024 min
Response: 48511
Conc: 0.36 ug/ml



#14 n-Tetracosane (C24)

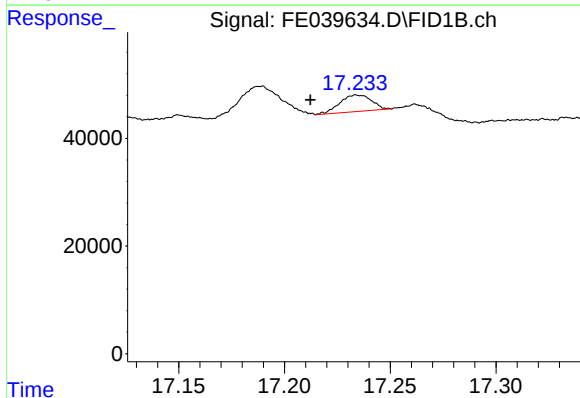
R.T.: 15.197 min
Delta R.T.: -0.042 min
Response: 274586
Conc: 2.05 ug/ml

Instrument :
FID_E
ClientSampleId :



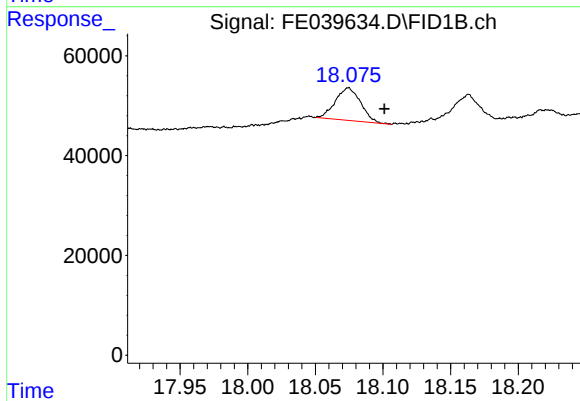
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.027 min
Response: 60744
Conc: 0.47 ug/ml



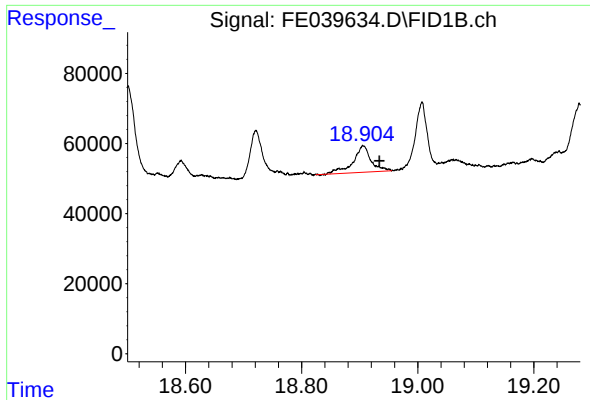
#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.022 min
Response: 31867
Conc: 0.25 ug/ml



#17 n-Tricontane (C30)

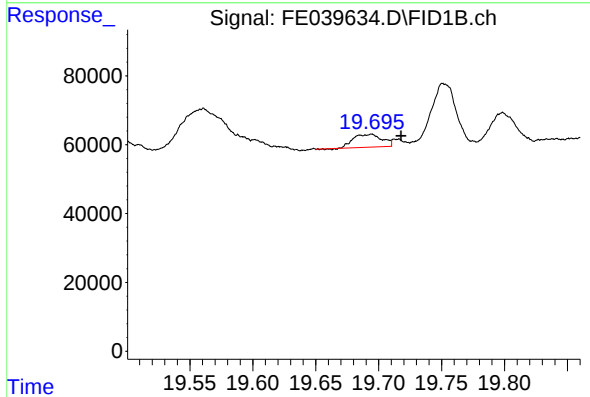
R.T.: 18.074 min
Delta R.T.: -0.026 min
Response: 85119
Conc: 0.66 ug/ml



#18 n-Dotriacontane (C32)

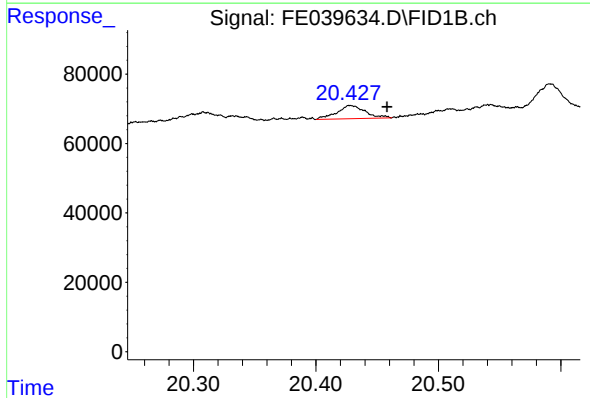
R.T.: 18.906 min
Delta R.T.: -0.028 min
Response: 162462
Conc: 1.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.023 min
Response: 59162
Conc: 0.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.030 min
Response: 60917
Conc: 0.50 ug/ml