

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122222AL\
 Data File : FE039441.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2022 17:31
 Operator : YP\AJ
 Sample : N6163-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 23 02:35:44 2022
 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)	11.933	6321629	42.361 ug/ml
Spiked Amount 50.000		Recovery =	84.72%
12) S 1-chlorooctadecane (S...	13.373	37728589	327.793 ug/ml
Spiked Amount 50.000		Recovery =	655.59%
Target Compounds			
6) T n-Tetradecane (C14)	8.564	41715	0.315 ug/ml
7) T n-Hexadecane (C16)	10.171	54687	0.398 ug/ml
8) T n-Octadecane (C18)	11.612	44868	0.320 ug/ml
10) T n-Eicosane (C20)	12.923	107007	0.784 ug/ml
11) T n-Heneicosane (C21)	13.545	7957	0.058 ug/ml
13) T n-Docosane (C22)	14.122	70522	0.521 ug/ml
14) T n-Tetracosane (C24)	15.201	467205	3.480 ug/ml
15) T n-Hexacosane (C26)	16.243	97323	0.747 ug/ml
16) T n-Octacosane (C28)	17.197	242211	1.882 ug/ml
17) T n-Tricontane (C30)	18.116	63078	0.490 ug/ml
18) T n-Dotriacontane (C32)	18.914	180478	1.394 ug/ml
19) T n-Tetratriacontane (C34)	19.733	76358	0.605 ug/ml
20) T n-Hexatriacontane (C36)	20.438	113382	0.938 ug/ml
21) T n-Octatriacontane (C38)	21.173	406992	3.296 ug/ml

(f)=RT Delta > 1/2 Window

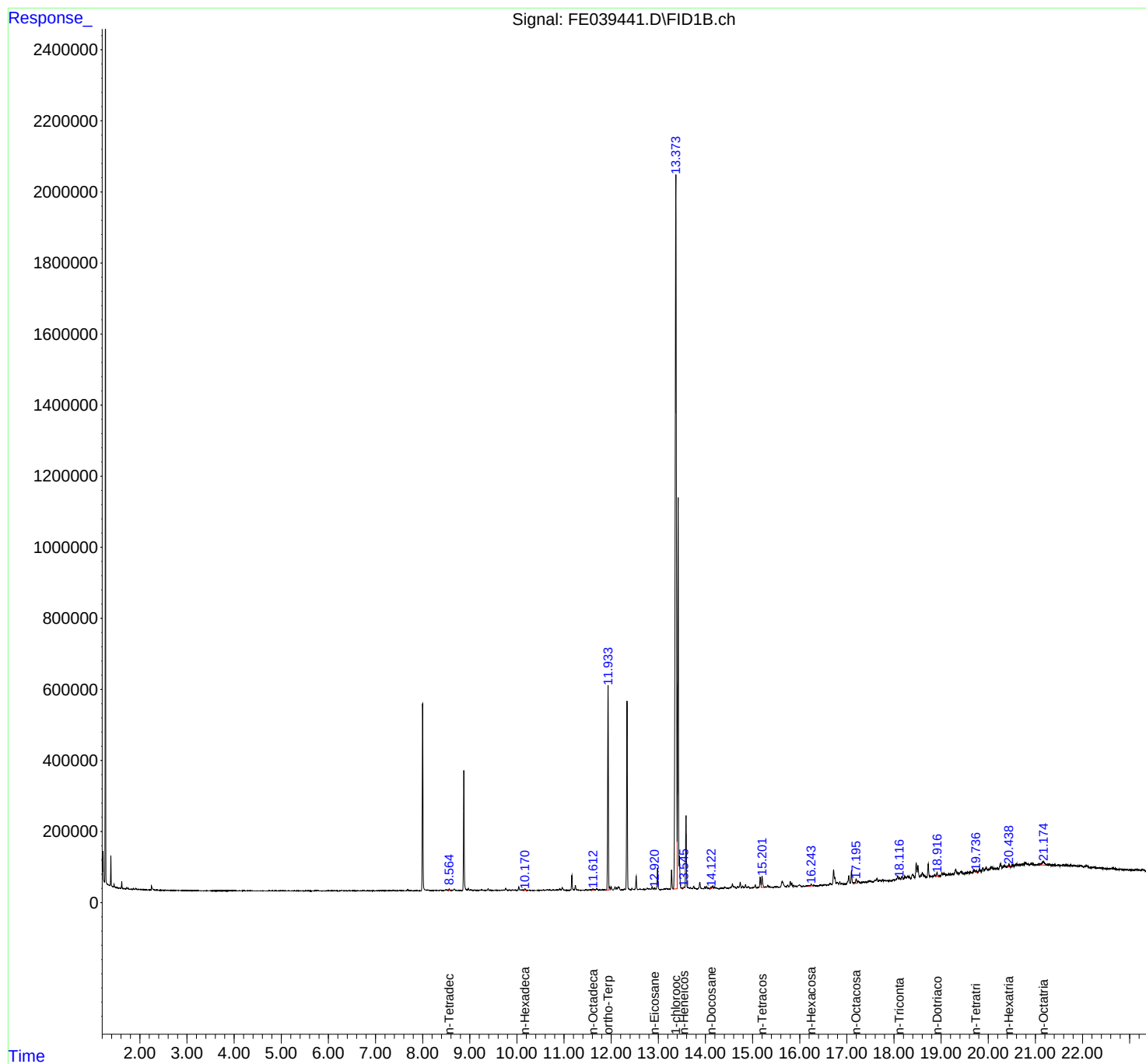
(m)=manual int.

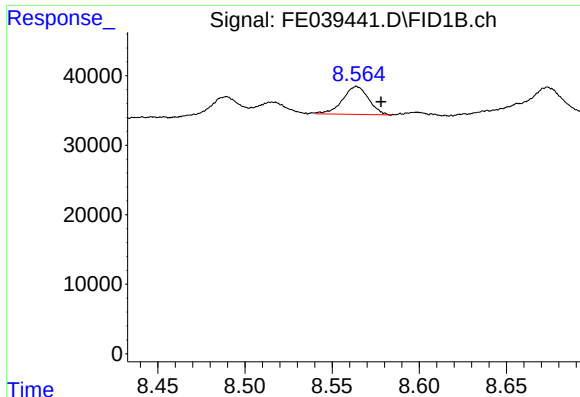
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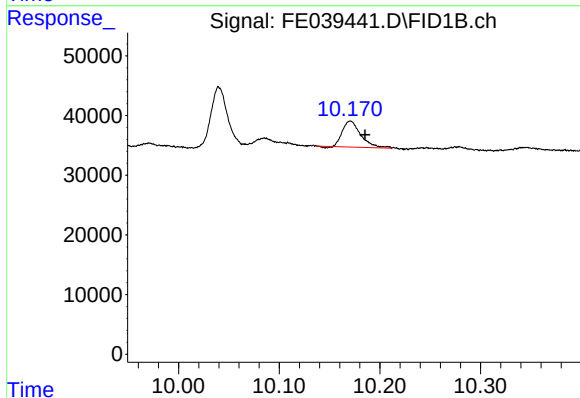




#6 n-Tetradecane (C14)

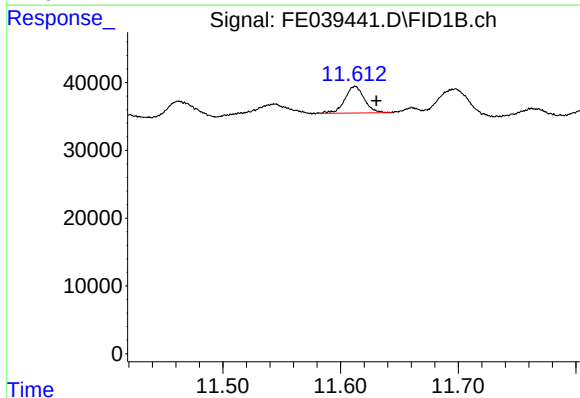
R.T.: 8.564 min
Delta R.T.: -0.014 min
Response: 41715
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



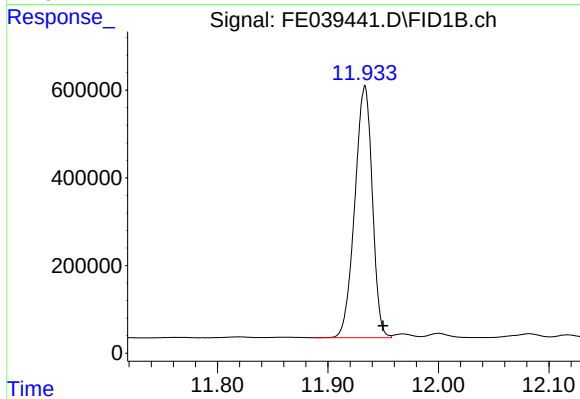
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.015 min
Response: 54687
Conc: 0.40 ug/ml



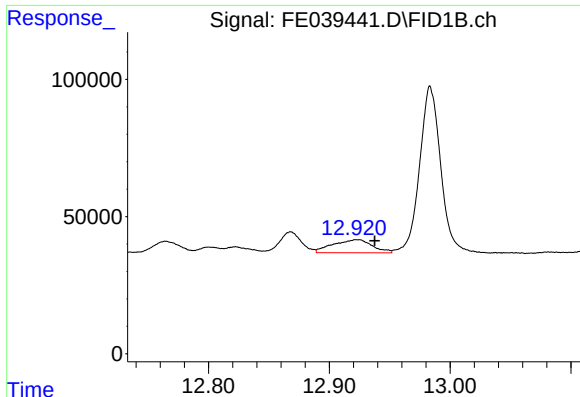
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.018 min
Response: 44868
Conc: 0.32 ug/ml



#9 ortho-Terphenyl (SURR)

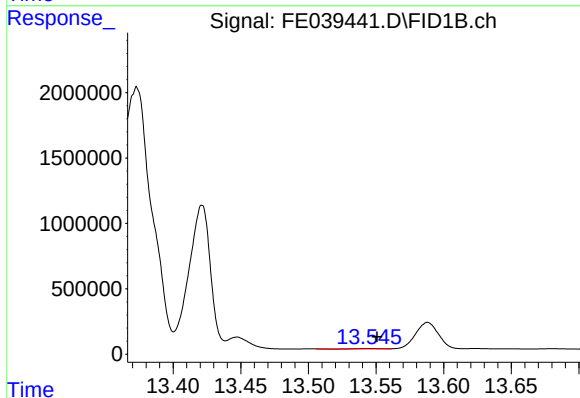
R.T.: 11.933 min
Delta R.T.: -0.016 min
Response: 6321629
Conc: 42.36 ug/ml



#10 n-Eicosane (C20)

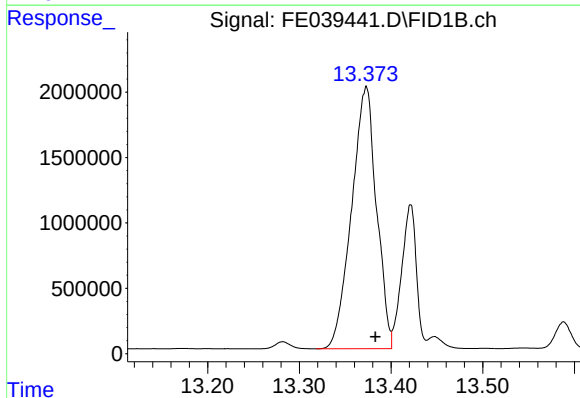
R.T.: 12.923 min
Delta R.T.: -0.014 min
Response: 107007
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :



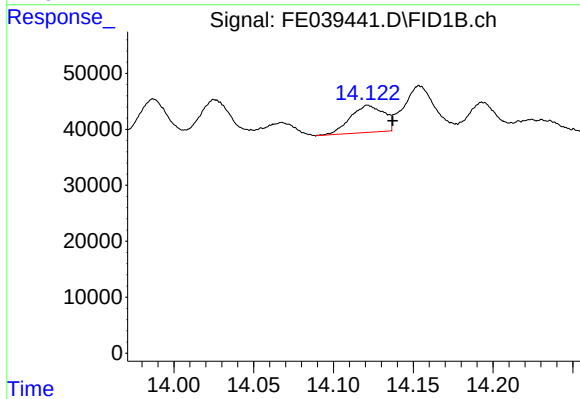
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.005 min
Response: 7957
Conc: 0.06 ug/ml



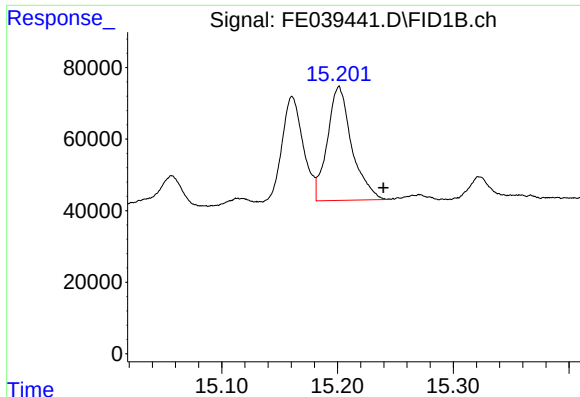
#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.010 min
Response: 37728589
Conc: 327.79 ug/ml



#13 n-Docosane (C22)

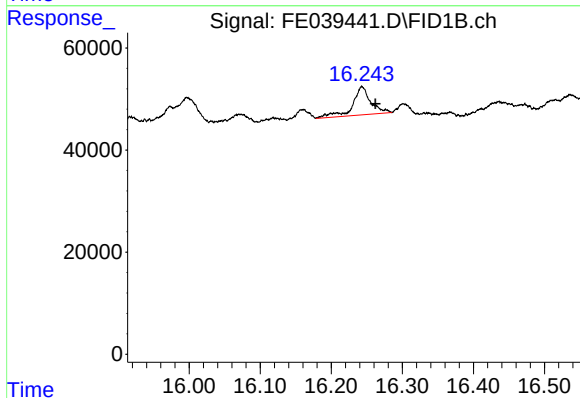
R.T.: 14.122 min
Delta R.T.: -0.015 min
Response: 70522
Conc: 0.52 ug/ml



#14 n-Tetracosane (C24)

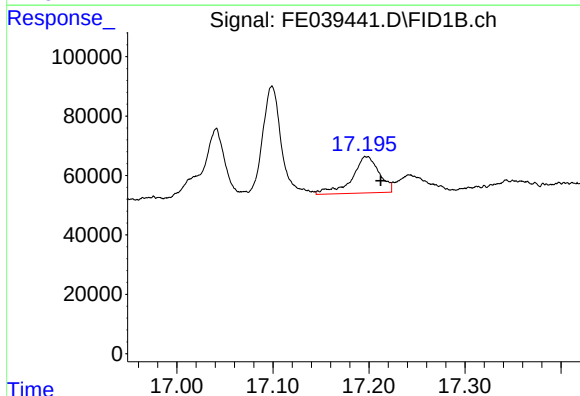
R.T.: 15.201 min
Delta R.T.: -0.038 min
Response: 467205
Conc: 3.48 ug/ml

Instrument :
FID_E
ClientSampleId :



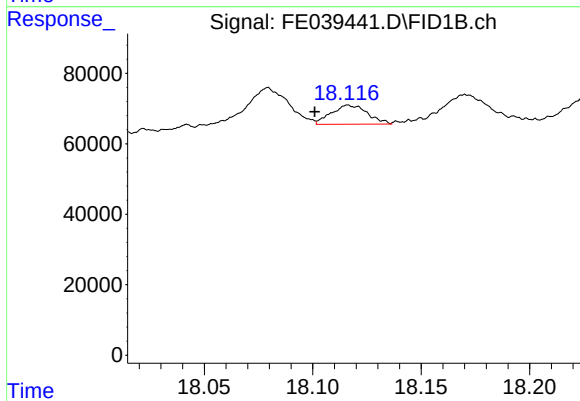
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.019 min
Response: 97323
Conc: 0.75 ug/ml



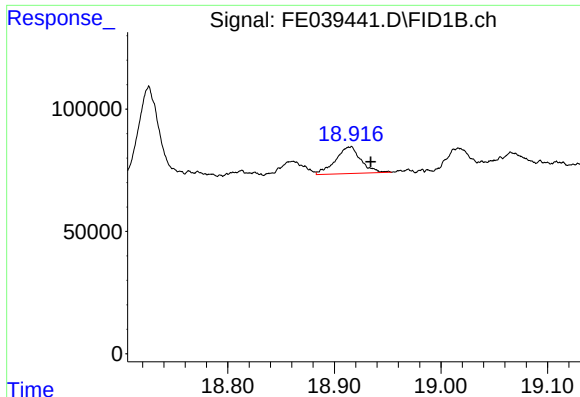
#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: -0.015 min
Response: 242211
Conc: 1.88 ug/ml



#17 n-Tricontane (C30)

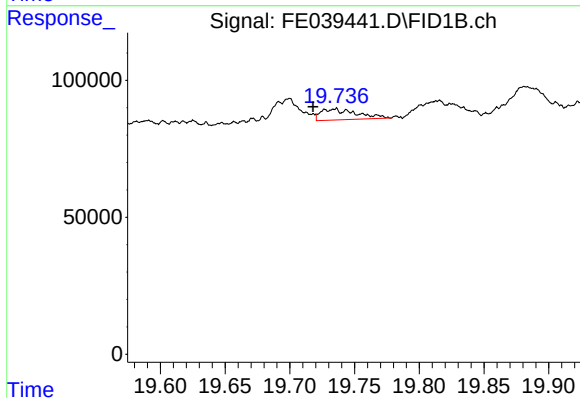
R.T.: 18.116 min
Delta R.T.: 0.015 min
Response: 63078
Conc: 0.49 ug/ml



#18 n-Dotriacontane (C32)

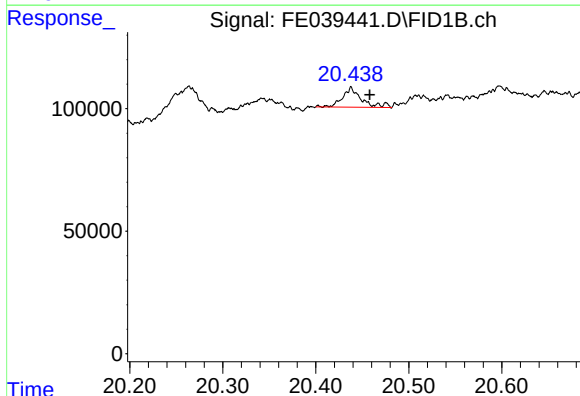
R.T.: 18.914 min
Delta R.T.: -0.020 min
Response: 180478
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :



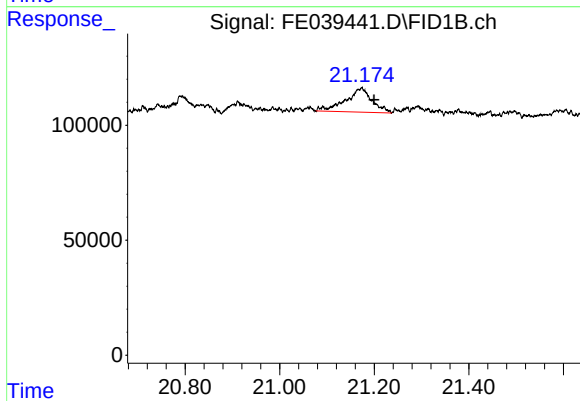
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.016 min
Response: 76358
Conc: 0.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.020 min
Response: 113382
Conc: 0.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.027 min
Response: 406992
Conc: 3.30 ug/ml