

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045437.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 22:20
 Operator : YP\AJ
 Sample : 05434-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 18 00:52:41 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)	11.874	6161441	32.271 ug/ml
Spiked Amount 50.000		Recovery =	64.54%
12) S 1-chlorooctadecane (S...	13.317	4477118	32.504 ug/ml
Spiked Amount 50.000		Recovery =	65.01%
Target Compounds			
6) T n-Tetradecane (C14)	8.469	49331	0.296 ug/ml
11) T n-Heneicosane (C21)	13.483	104258	0.678 ug/ml
16) T n-Octacosane (C28)	17.150	68458	0.468 ug/ml
17) T n-Tricontane (C30)	18.038	164549	1.083 ug/ml
18) T n-Dotriacontane (C32)	18.869	207708	1.330 ug/ml
19) T n-Tetratriacontane (C34)	19.712	52525	0.336 ug/ml
20) T n-Hexatriacontane (C36)	20.420	28011	0.173 ug/ml
22) T n-Tetracontane (C40)	22.005f	5086	0.030 ug/ml

(f)=RT Delta > 1/2 Window

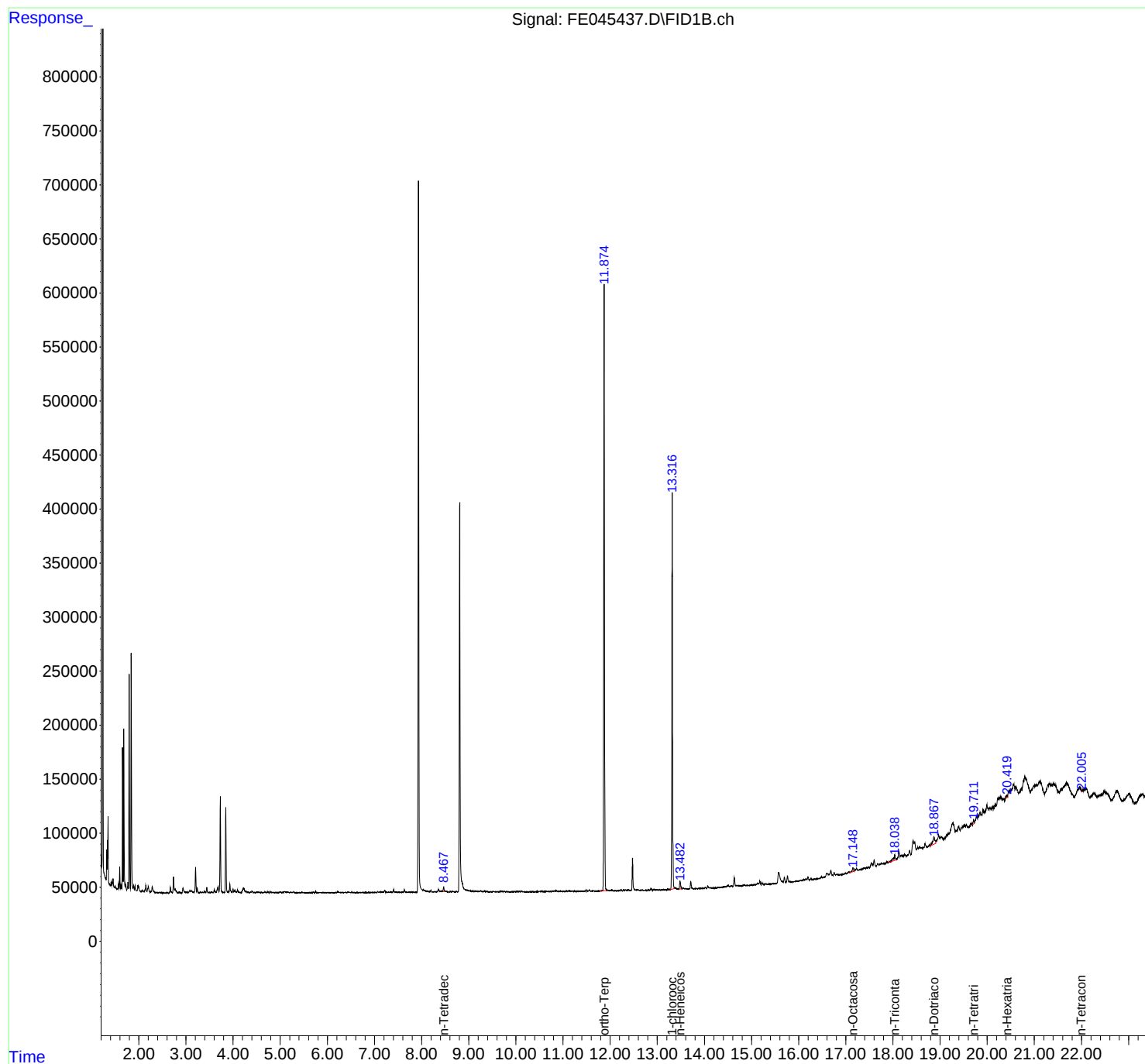
(m)=manual int.

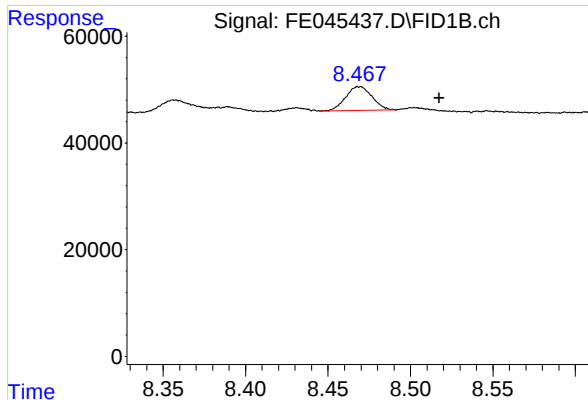
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Signal Info : 20M x 0.18mm x 0.18um

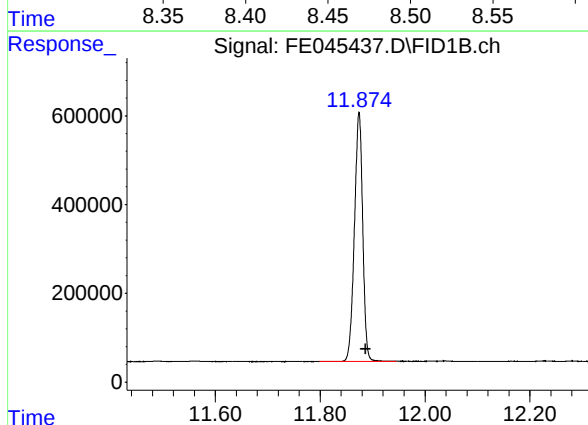




#6 n-Tetradecane (C14)

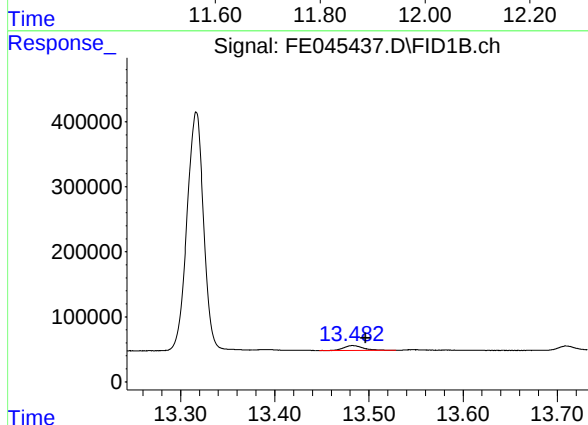
R.T.: 8.469 min
Delta R.T.: -0.048 min
Response: 49331
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



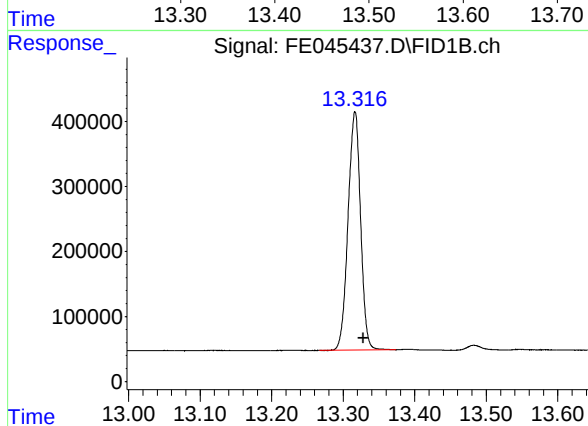
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.012 min
Response: 6161441
Conc: 32.27 ug/ml



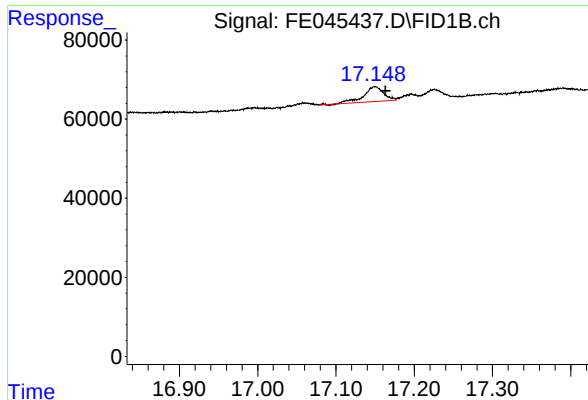
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.014 min
Response: 104258
Conc: 0.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: -0.011 min
Response: 4477118
Conc: 32.50 ug/ml



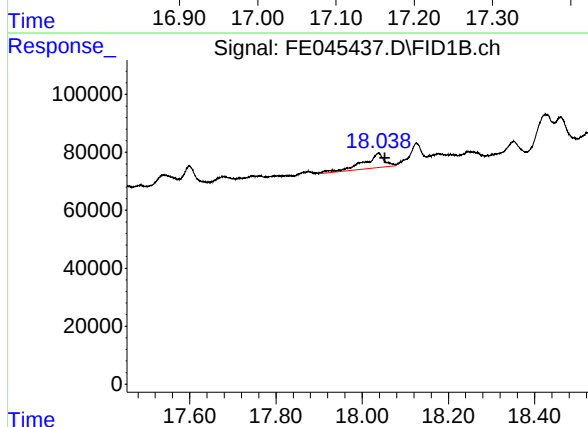
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.014 min
Response: 68458
Conc: 0.47 ug/ml

Instrument :

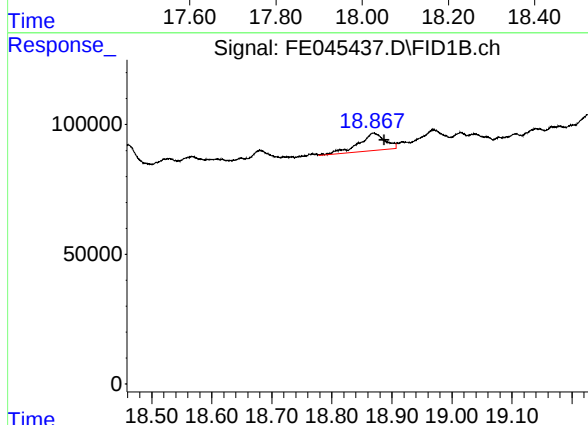
FID_E

ClientSampleId :



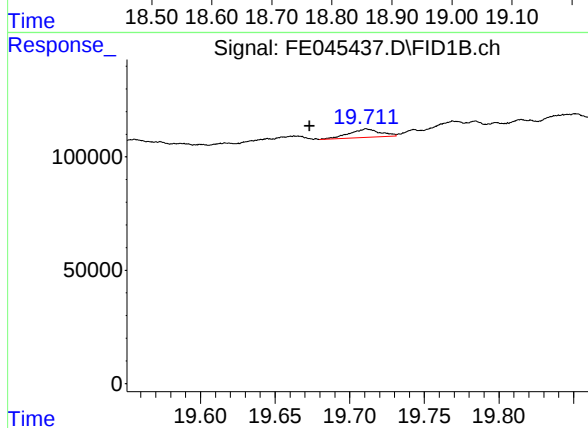
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.014 min
Response: 164549
Conc: 1.08 ug/ml



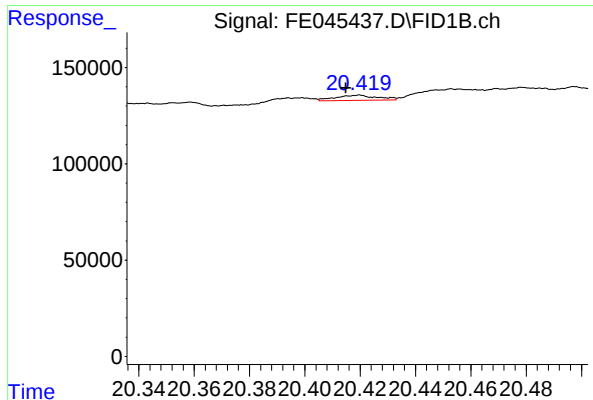
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.018 min
Response: 207708
Conc: 1.33 ug/ml



#19 n-Tetratriacontane (C34)

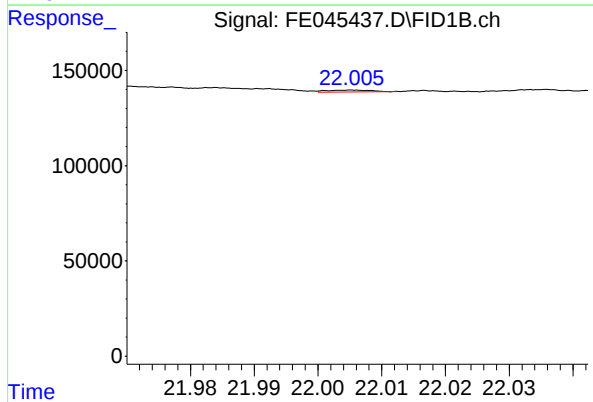
R.T.: 19.712 min
Delta R.T.: 0.038 min
Response: 52525
Conc: 0.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: 0.005 min
Response: 28011
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.062 min
Response: 5086
Conc: 0.03 ug/ml