

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041213.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 01:47
 Operator : YP\AJ
 Sample : 02209-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 03:21:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.842	3036858	16.159 ug/ml
Spiked Amount 50.000		Recovery =	32.32%
12) S 1-chlorooctadecane (S...	13.282	2727949	18.960 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
7) T n-Hexadecane (C16)	10.086	29361	0.165 ug/ml
10) T n-Eicosane (C20)	12.829	148392	0.870 ug/ml
14) T n-Tetracosane (C24)	15.181	18598	0.115 ug/ml
15) T n-Hexacosane (C26)	16.158	43015	0.277 ug/ml
16) T n-Octacosane (C28)	17.112	49389	0.322 ug/ml
17) T n-Tricontane (C30)	17.999	42913	0.281 ug/ml
18) T n-Dotriacontane (C32)	18.829	63206	0.405 ug/ml
19) T n-Tetratriacontane (C34)	19.619	23867	0.154 ug/ml
20) T n-Hexatriacontane (C36)	20.408	53559	0.353 ug/ml
22) T n-Tetracontane (C40)	22.023	54519	0.342 ug/ml

(f)=RT Delta > 1/2 Window

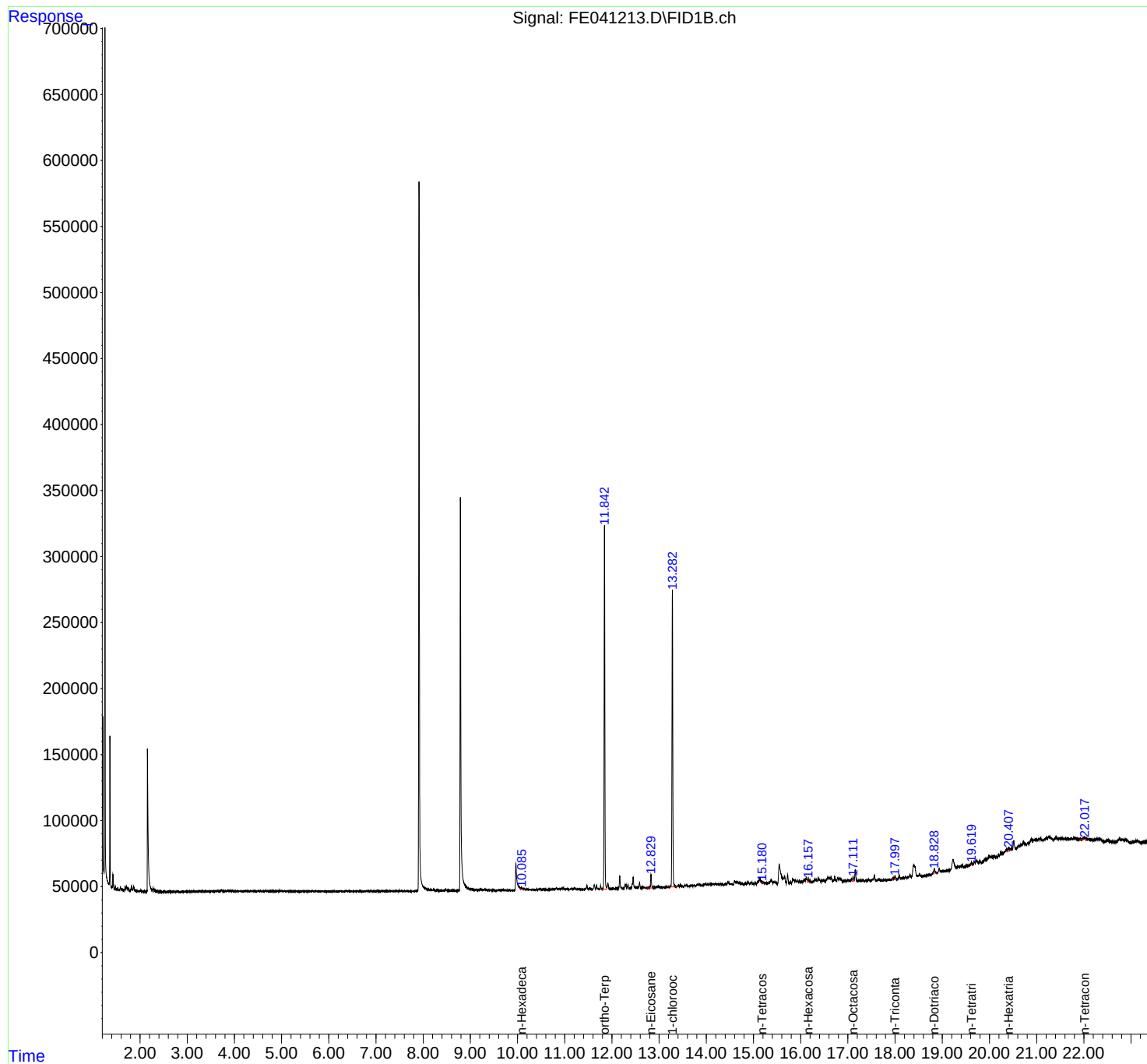
(m)=manual int.

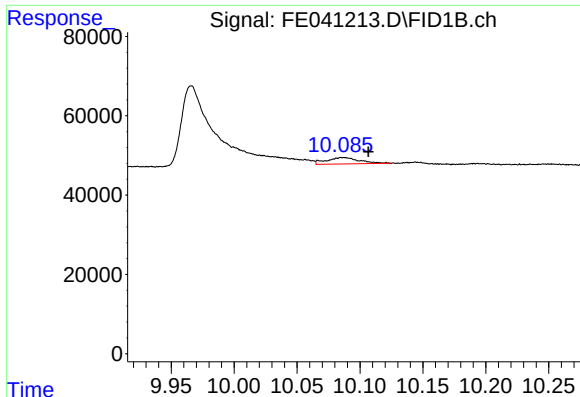
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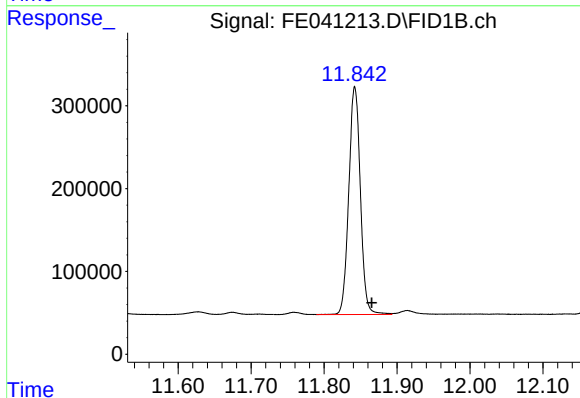




#7 n-Hexadecane (C16)

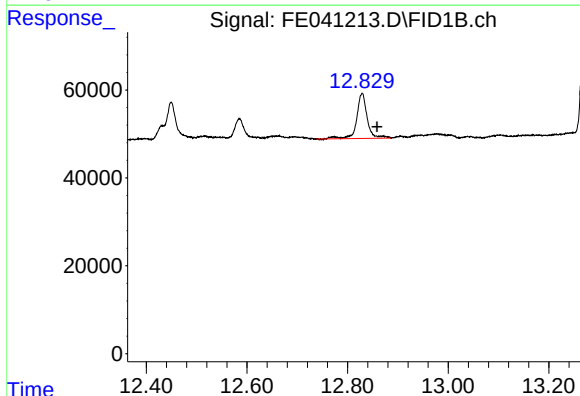
R.T.: 10.086 min
Delta R.T.: -0.020 min
Response: 29361
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



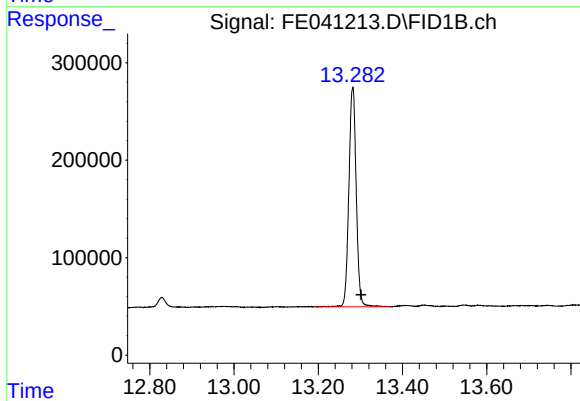
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.023 min
Response: 3036858
Conc: 16.16 ug/ml



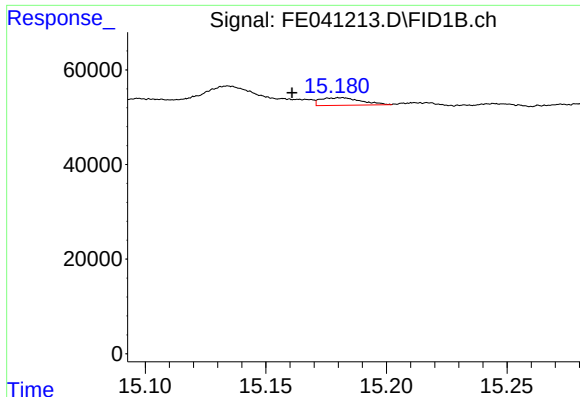
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.029 min
Response: 148392
Conc: 0.87 ug/ml



#12 1-chlorooctadecane (SURR)

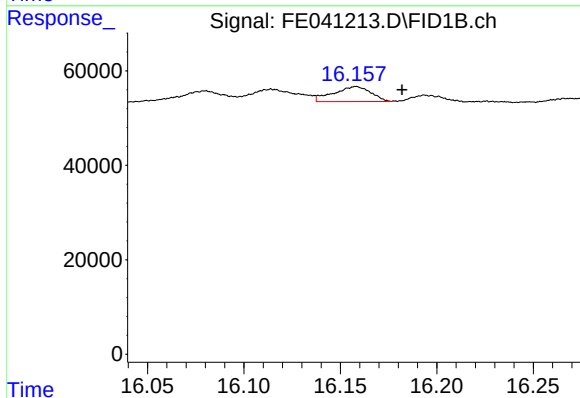
R.T.: 13.282 min
Delta R.T.: -0.020 min
Response: 2727949
Conc: 18.96 ug/ml



#14 n-Tetracosane (C24)

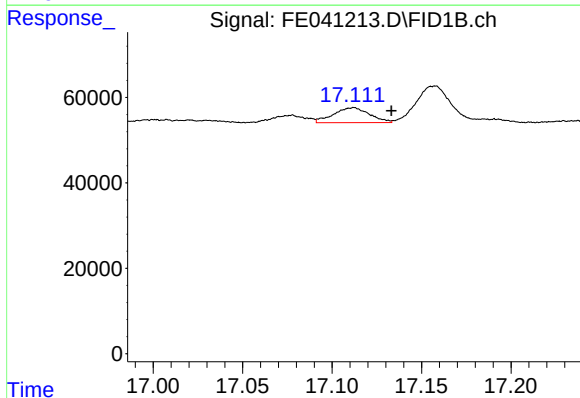
R.T.: 15.181 min
Delta R.T.: 0.021 min
Response: 18598
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :



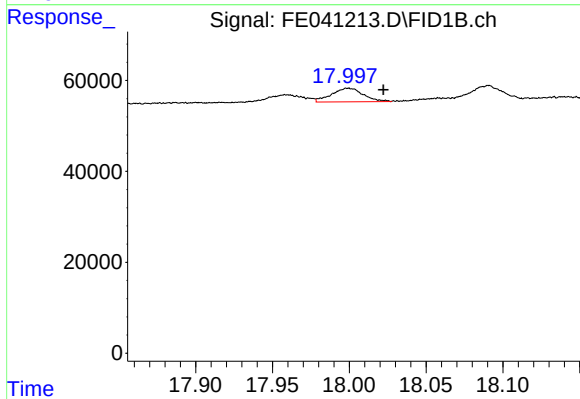
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 43015
Conc: 0.28 ug/ml



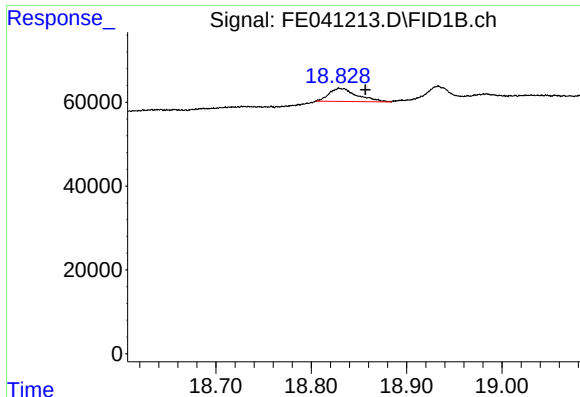
#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.021 min
Response: 49389
Conc: 0.32 ug/ml



#17 n-Tricontane (C30)

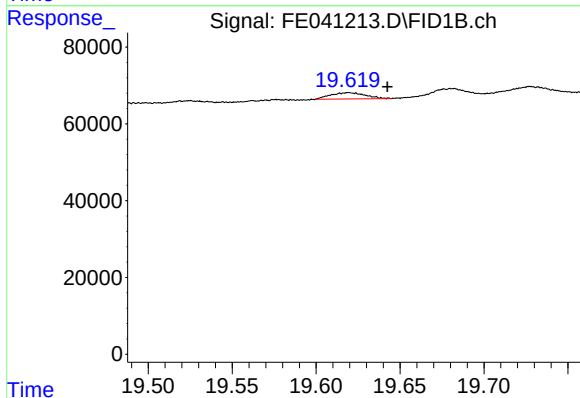
R.T.: 17.999 min
Delta R.T.: -0.023 min
Response: 42913
Conc: 0.28 ug/ml



#18 n-Dotriacontane (C32)

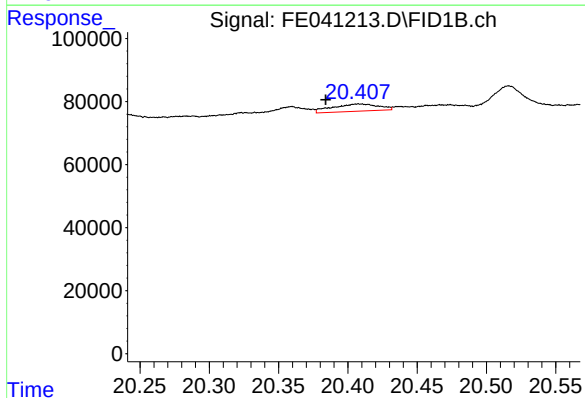
R.T.: 18.829 min
Delta R.T.: -0.027 min
Response: 63206
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



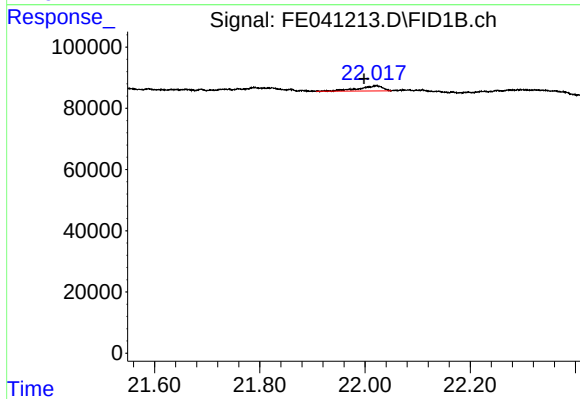
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.023 min
Response: 23867
Conc: 0.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: 0.023 min
Response: 53559
Conc: 0.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.025 min
Response: 54519
Conc: 0.34 ug/ml