

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032223AL\
 Data File : FE040936.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2023 09:54
 Operator : YP\AJ
 Sample : 02018-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 23 00:12:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.865	882886	4.726 ug/ml
Spiked Amount 50.000		Recovery =	9.45%
12) S 1-chlorooctadecane (S...	13.303	760482	5.138 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
Target Compounds			
6) T n-Tetradecane (C14)	8.461f	46895	0.303 ug/ml
10) T n-Eicosane (C20)	12.875	105270	0.622 ug/ml
11) T n-Heneicosane (C21)	13.512	94456	0.551 ug/ml
13) T n-Docosane (C22)	14.058	39308	0.229 ug/ml
14) T n-Tetracosane (C24)	15.158	362660	2.104 ug/ml
15) T n-Hexacosane (C26)	16.182	31677	0.186 ug/ml
16) T n-Octacosane (C28)	17.133	104496	0.623 ug/ml
17) T n-Tricontane (C30)	18.020	115123	0.705 ug/ml
18) T n-Dotriacontane (C32)	18.854	176837	1.033 ug/ml
19) T n-Tetratriacontane (C34)	19.641	75084	0.486 ug/ml
20) T n-Hexatriacontane (C36)	20.381	31834	0.219 ug/ml
21) T n-Octatriacontane (C38)	21.108	39172	0.285 ug/ml
22) T n-Tetracontane (C40)	21.983	7584	0.049 ug/ml

(f)=RT Delta > 1/2 Window

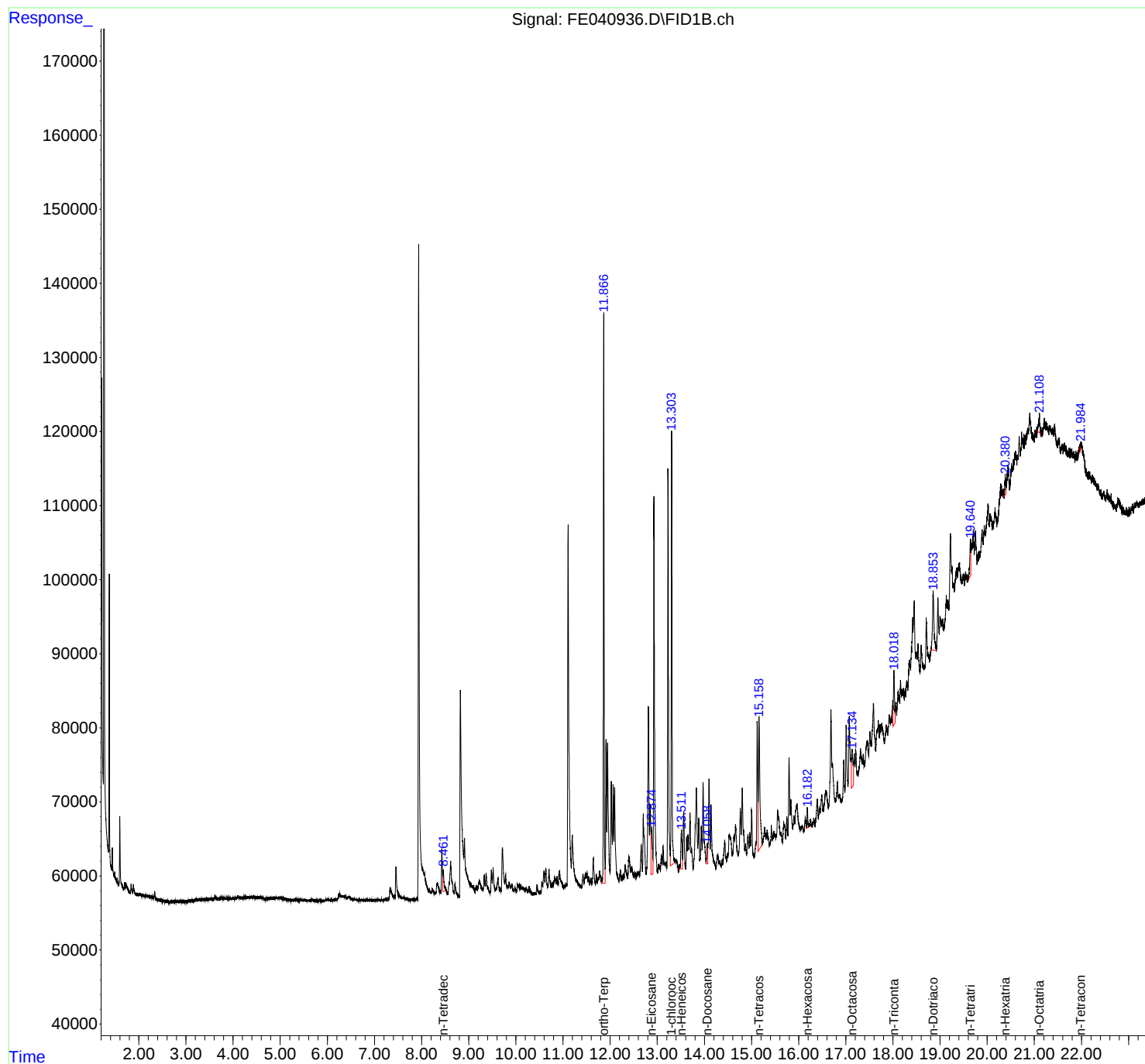
(m)=manual int.

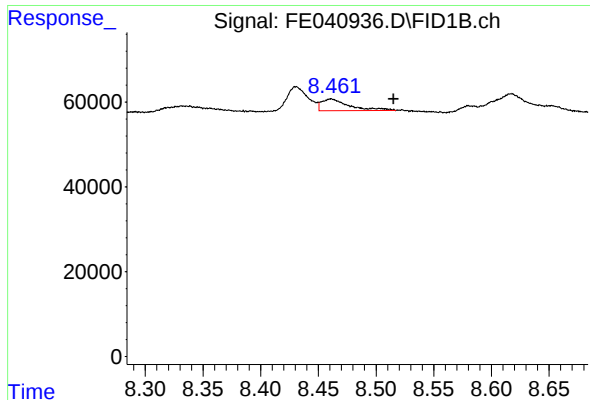
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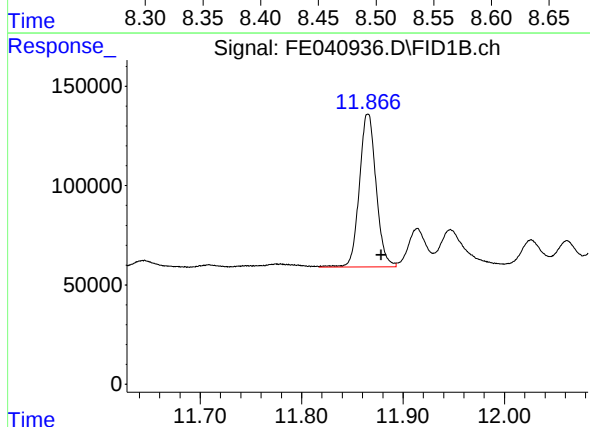




#6 n-Tetradecane (C14)

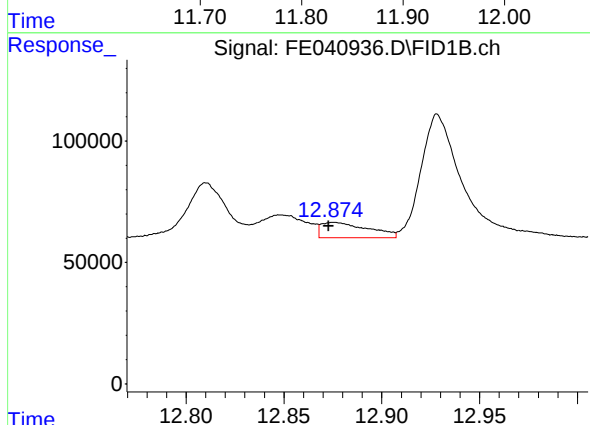
R.T.: 8.461 min
Delta R.T.: -0.054 min
Response: 46895
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



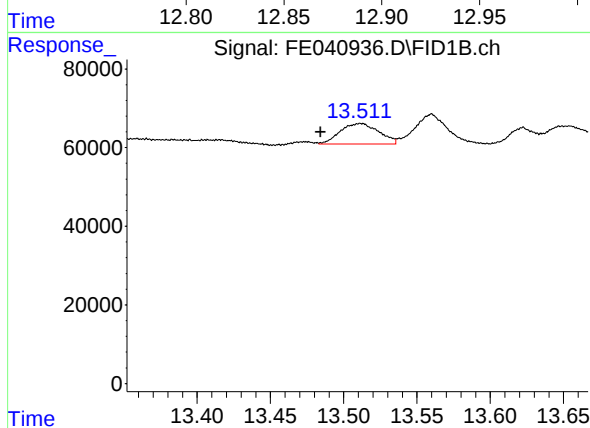
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.013 min
Response: 882886
Conc: 4.73 ug/ml



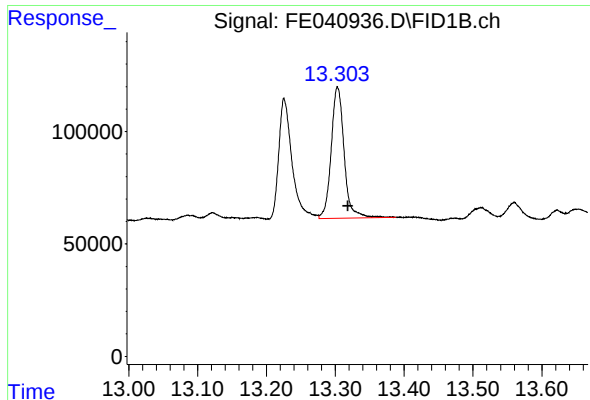
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.003 min
Response: 105270
Conc: 0.62 ug/ml



#11 n-Heneicosane (C21)

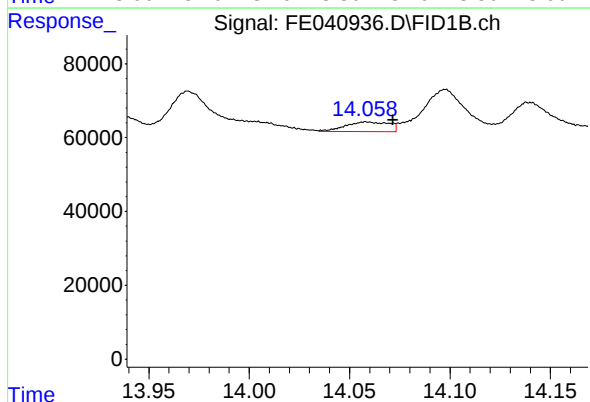
R.T.: 13.512 min
Delta R.T.: 0.027 min
Response: 94456
Conc: 0.55 ug/ml



#12 1-chlorooctadecane (SURR)

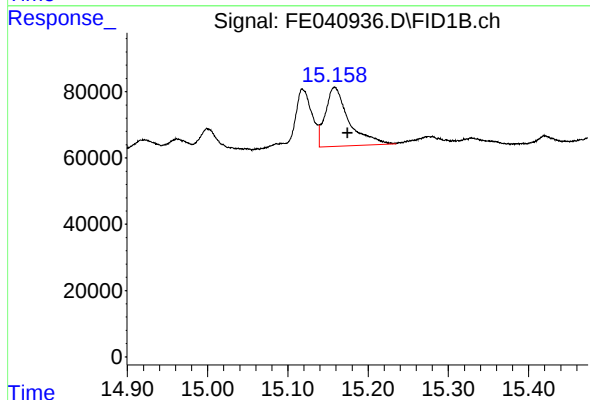
R.T.: 13.303 min
Delta R.T.: -0.015 min
Response: 760482
Conc: 5.14 ug/ml

Instrument :
FID_E
ClientSampleId :



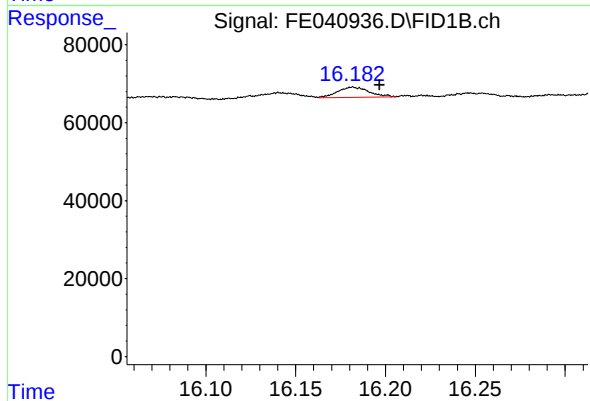
#13 n-Docosane (C22)

R.T.: 14.058 min
Delta R.T.: -0.013 min
Response: 39308
Conc: 0.23 ug/ml



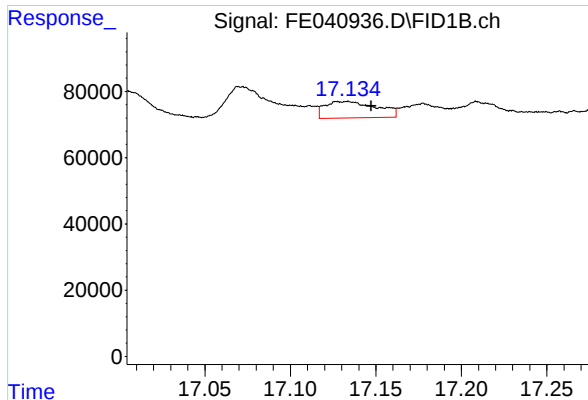
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: -0.016 min
Response: 362660
Conc: 2.10 ug/ml



#15 n-Hexacosane (C26)

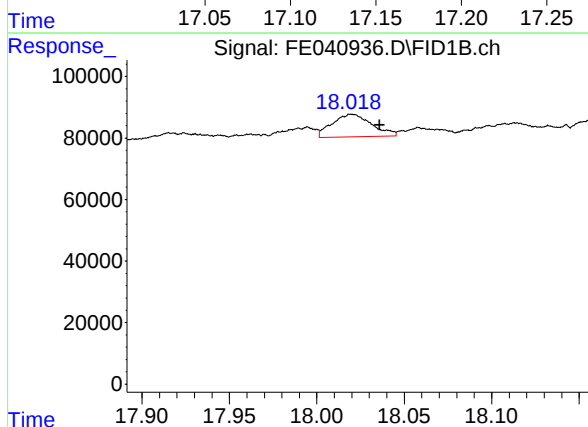
R.T.: 16.182 min
Delta R.T.: -0.015 min
Response: 31677
Conc: 0.19 ug/ml



#16 n-Octacosane (C28)

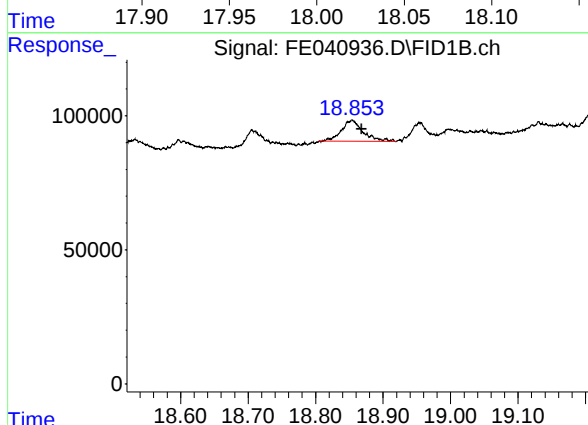
R.T.: 17.133 min
Delta R.T.: -0.014 min
Response: 104496
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



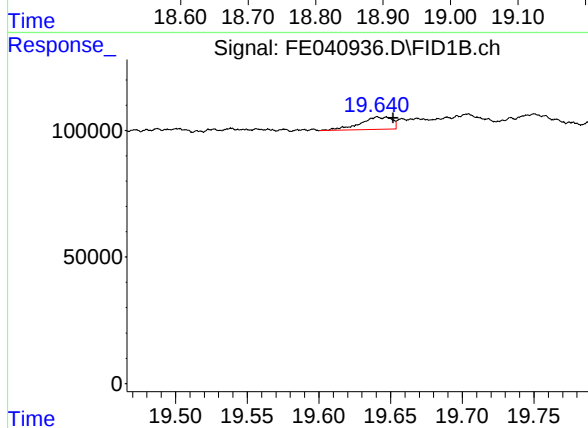
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.016 min
Response: 115123
Conc: 0.71 ug/ml



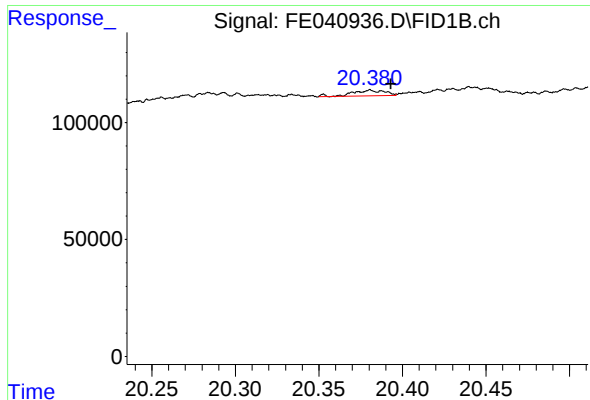
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.014 min
Response: 176837
Conc: 1.03 ug/ml



#19 n-Tetratriacontane (C34)

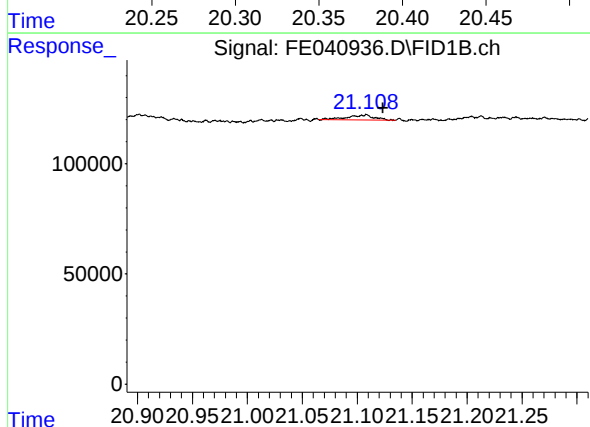
R.T.: 19.641 min
Delta R.T.: -0.011 min
Response: 75084
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

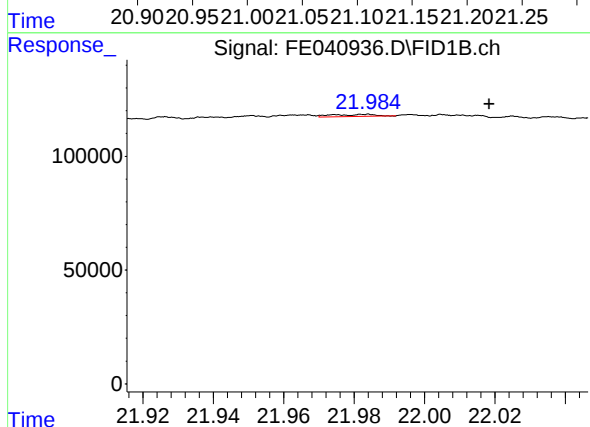
R.T.: 20.381 min
Delta R.T.: -0.013 min
Response: 31834
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.015 min
Response: 39172
Conc: 0.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.035 min
Response: 7584
Conc: 0.05 ug/ml