

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041666.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 11:29
 Operator : YP\AJ
 Sample : 02555-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 02:49:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.981	1221854	6.513 ug/ml
Spiked Amount 50.000		Recovery =	13.03%
12) S 1-chlorooctadecane (S...	13.420	945386	6.692 ug/ml
Spiked Amount 50.000		Recovery =	13.38%
Target Compounds			
8) T n-Octadecane (C18)	11.662	21138	0.129 ug/ml
10) T n-Eicosane (C20)	12.973	31377	0.195 ug/ml
11) T n-Heneicosane (C21)	13.589	24423	0.153 ug/ml
13) T n-Docosane (C22)	14.174	42470	0.267 ug/ml
14) T n-Tetracosane (C24)	15.277	61964	0.384 ug/ml
15) T n-Hexacosane (C26)	16.299	40587	0.257 ug/ml
16) T n-Octacosane (C28)	17.250	70878	0.461 ug/ml
17) T n-Tricontane (C30)	18.140	153802	1.010 ug/ml
18) T n-Dotriacontane (C32)	18.974	110485	0.742 ug/ml
19) T n-Tetratriacontane (C34)	19.759	115486	0.820 ug/ml
20) T n-Hexatriacontane (C36)	20.477	80312	0.601 ug/ml
21) T n-Octatriacontane (C38)	21.187	59223	0.448 ug/ml
22) T n-Tetracontane (C40)	22.155	77076	0.609 ug/ml

(f)=RT Delta > 1/2 Window

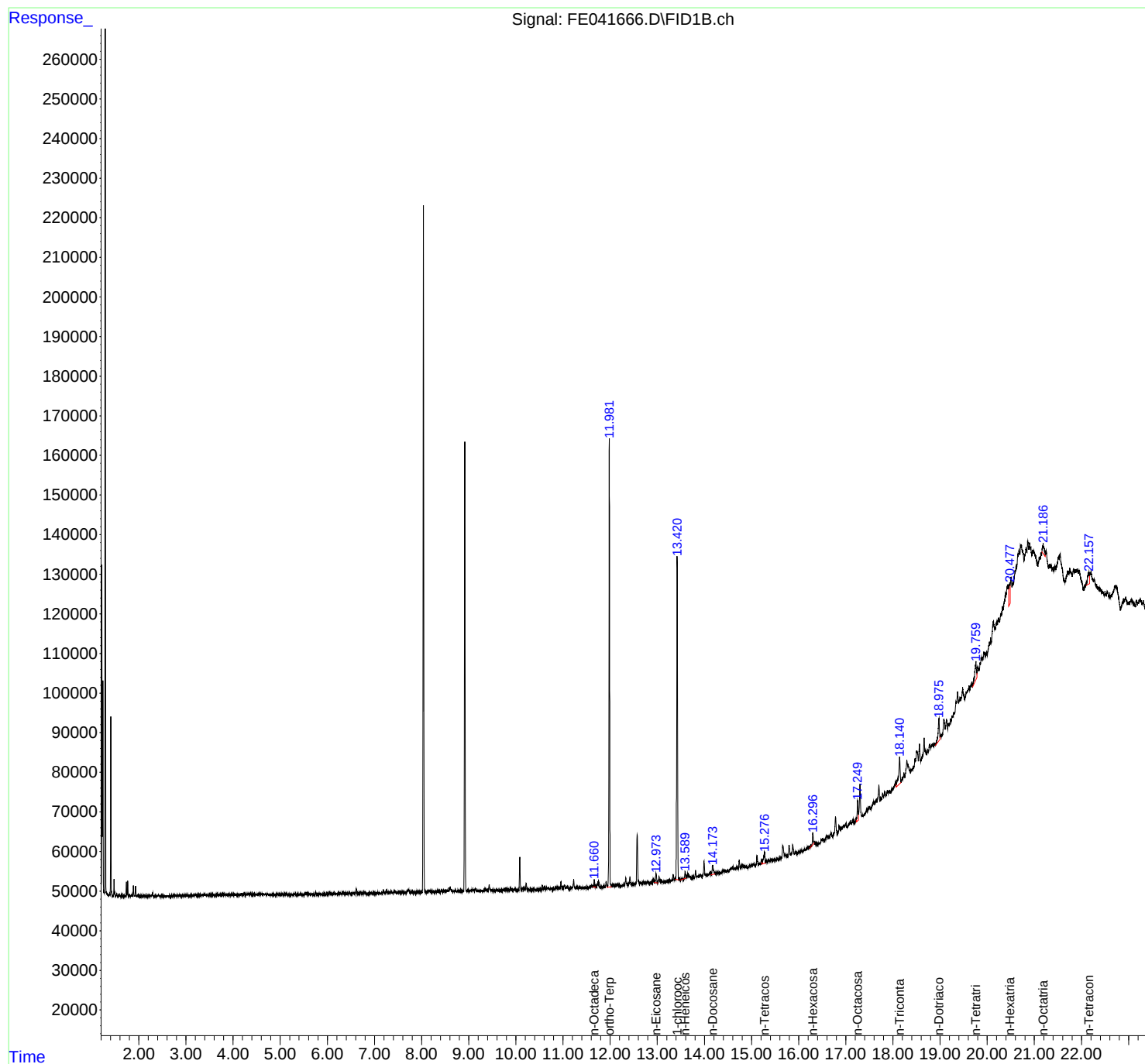
(m)=manual int.

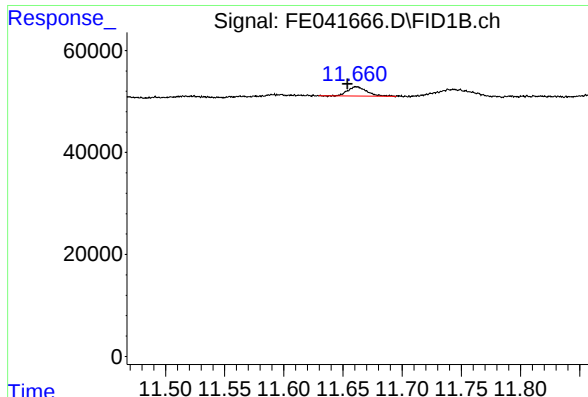
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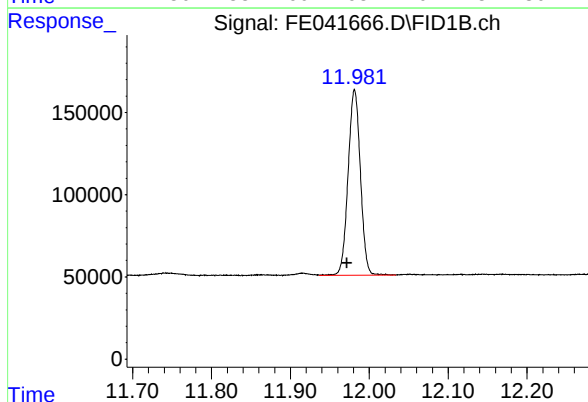




#8 n-Octadecane (C18)

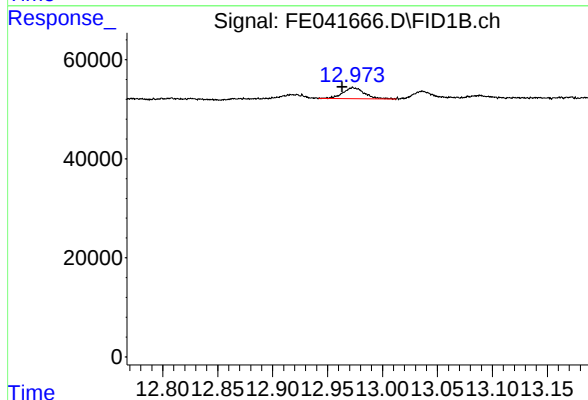
R.T.: 11.662 min
Delta R.T.: 0.008 min
Response: 21138
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :



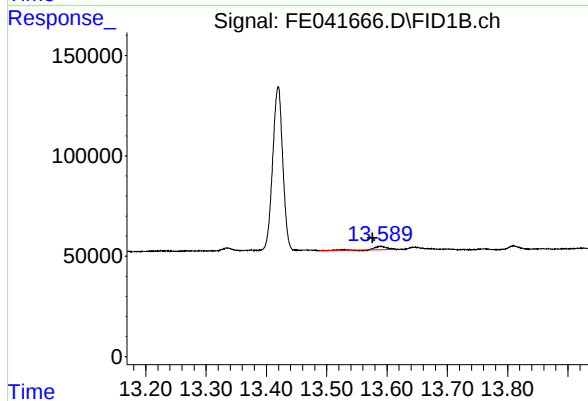
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.010 min
Response: 1221854
Conc: 6.51 ug/ml



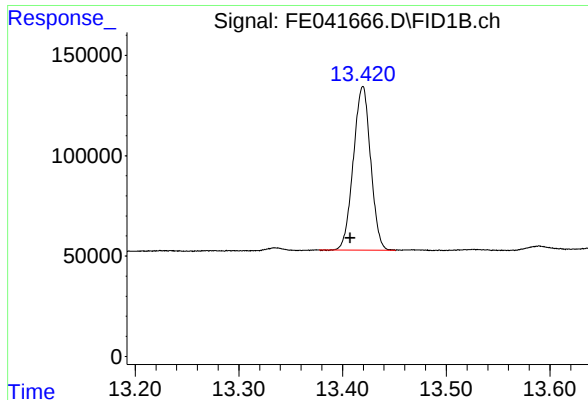
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.009 min
Response: 31377
Conc: 0.20 ug/ml



#11 n-Heneicosane (C21)

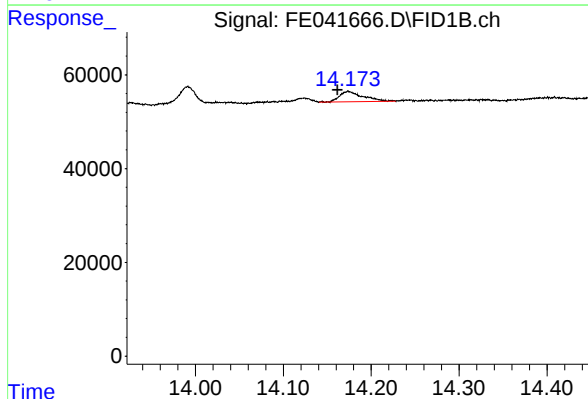
R.T.: 13.589 min
Delta R.T.: 0.014 min
Response: 24423
Conc: 0.15 ug/ml



#12 1-chlorooctadecane (SURR)

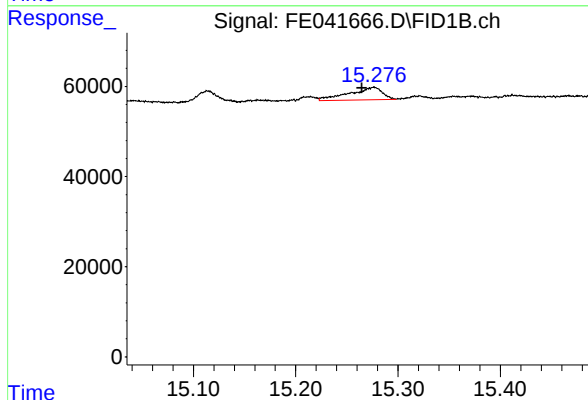
R.T.: 13.420 min
Delta R.T.: 0.012 min
Response: 945386
Conc: 6.69 ug/ml

Instrument :
FID_E
ClientSampleId :



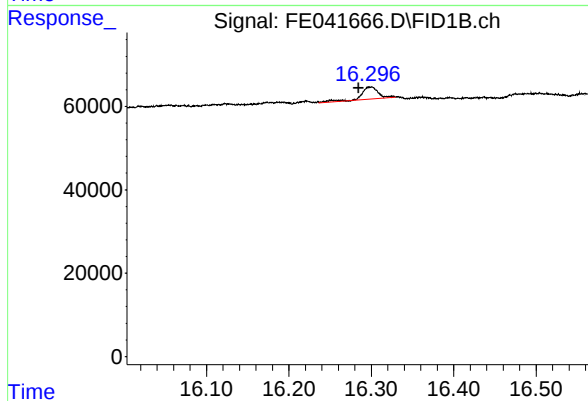
#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: 0.012 min
Response: 42470
Conc: 0.27 ug/ml



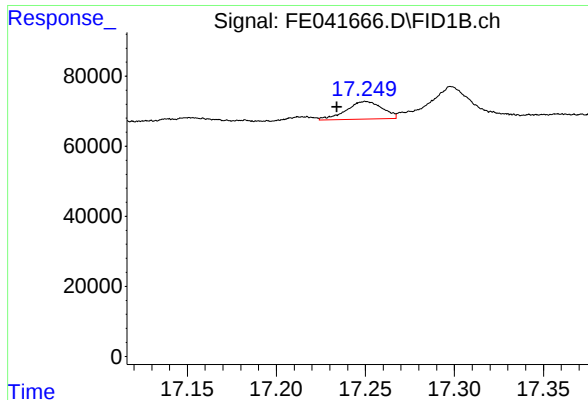
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.012 min
Response: 61964
Conc: 0.38 ug/ml



#15 n-Hexacosane (C26)

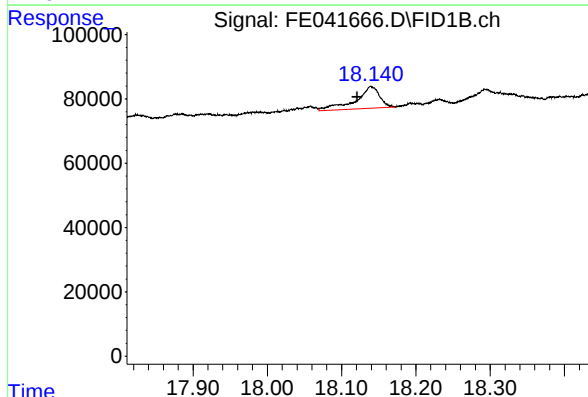
R.T.: 16.299 min
Delta R.T.: 0.014 min
Response: 40587
Conc: 0.26 ug/ml



#16 n-Octacosane (C28)

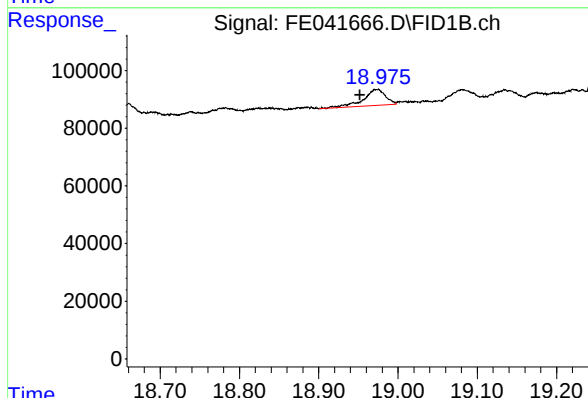
R.T.: 17.250 min
Delta R.T.: 0.016 min
Response: 70878
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



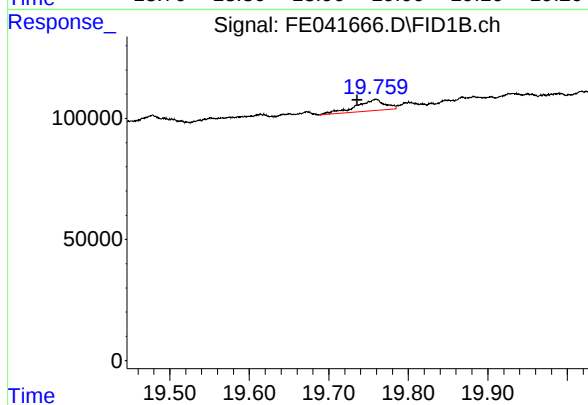
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.018 min
Response: 153802
Conc: 1.01 ug/ml



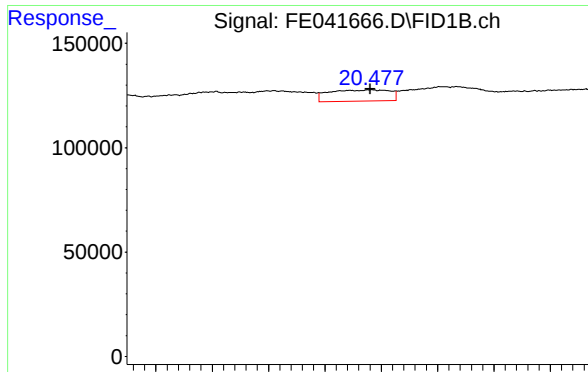
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.022 min
Response: 110485
Conc: 0.74 ug/ml



#19 n-Tetratriacontane (C34)

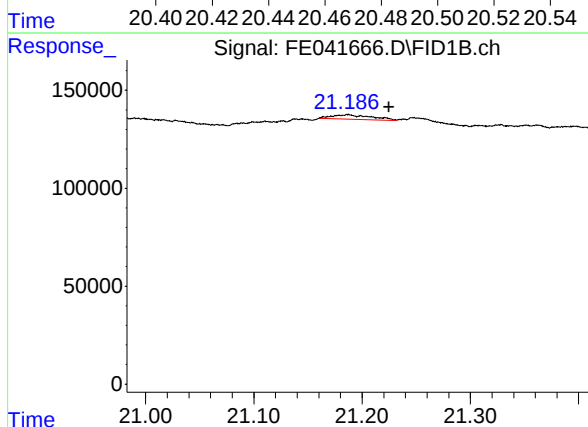
R.T.: 19.759 min
Delta R.T.: 0.023 min
Response: 115486
Conc: 0.82 ug/ml



#20 n-Hexatriacontane (C36)

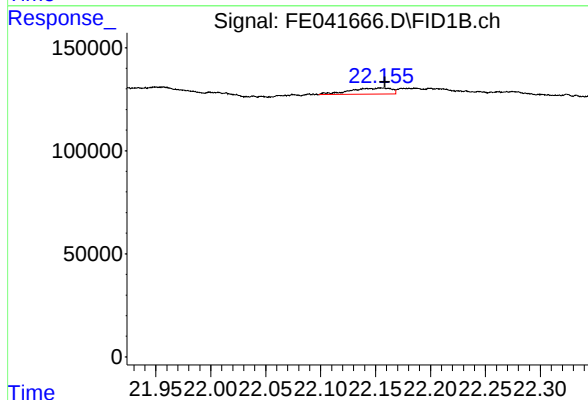
R.T.: 20.477 min
Delta R.T.: 0.000 min
Response: 80312
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.038 min
Response: 59223
Conc: 0.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.004 min
Response: 77076
Conc: 0.61 ug/ml