

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041668.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 12:29
 Operator : YP\AJ
 Sample : 02562-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 02:50:13 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)	11.982	1081685	5.766 ug/ml
Spiked Amount 50.000		Recovery =	11.53%
12) S 1-chlorooctadecane (S...	13.420	894374	6.331 ug/ml
Spiked Amount 50.000		Recovery =	12.66%
Target Compounds			
7) T n-Hexadecane (C16)	10.219	35355	0.222 ug/ml
8) T n-Octadecane (C18)	11.663	39310	0.240 ug/ml
10) T n-Eicosane (C20)	12.975	43471	0.270 ug/ml
11) T n-Heneicosane (C21)	13.601	48747	0.306 ug/ml
13) T n-Docosane (C22)	14.174	41558	0.261 ug/ml
14) T n-Tetracosane (C24)	15.256	185949	1.153 ug/ml
15) T n-Hexacosane (C26)	16.301	60902	0.385 ug/ml
16) T n-Octacosane (C28)	17.255	84600	0.550 ug/ml
17) T n-Tricontane (C30)	18.138	131038	0.860 ug/ml
18) T n-Dotriacontane (C32)	18.972	88732	0.596 ug/ml
19) T n-Tetratriacontane (C34)	19.760	42740	0.303 ug/ml
20) T n-Hexatriacontane (C36)	20.481	23946	0.179 ug/ml
21) T n-Octatriacontane (C38)	21.211	145187	1.099 ug/ml
22) T n-Tetracontane (C40)	22.153	46210	0.365 ug/ml

(f)=RT Delta > 1/2 Window

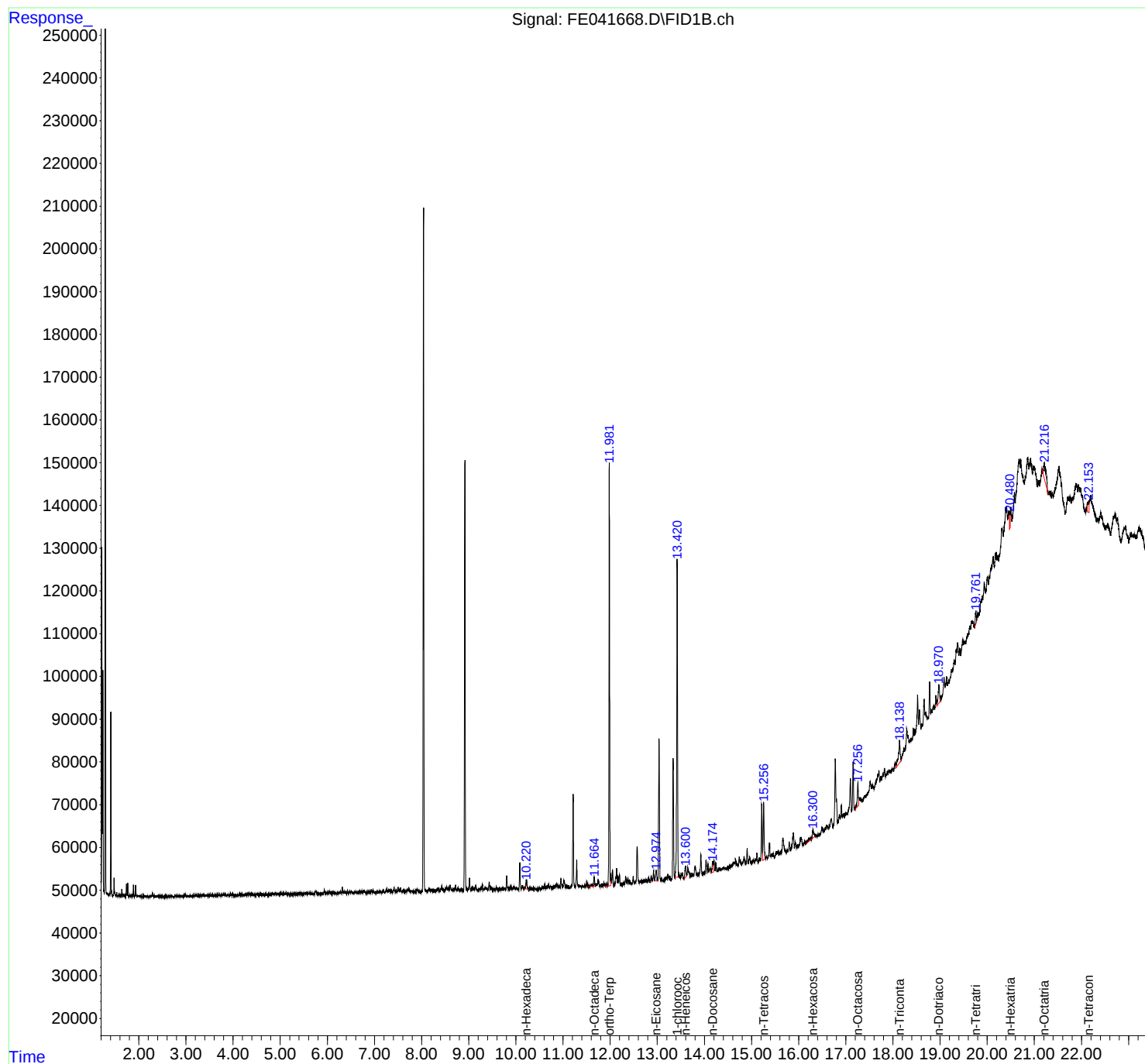
(m)=manual int.

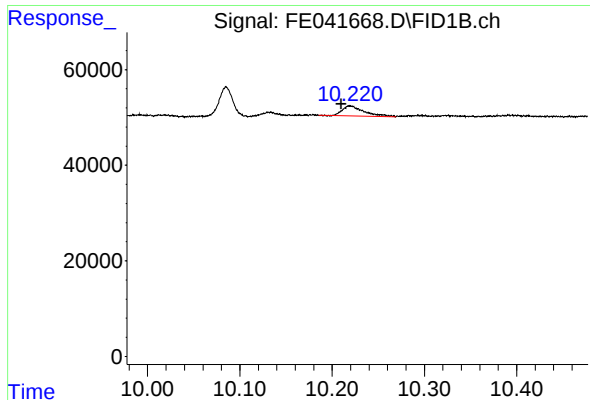
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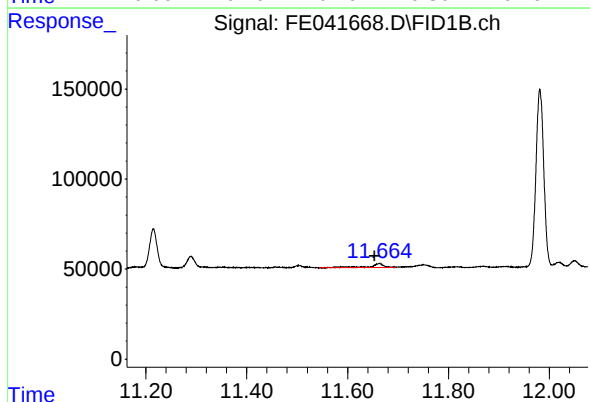




#7 n-Hexadecane (C16)

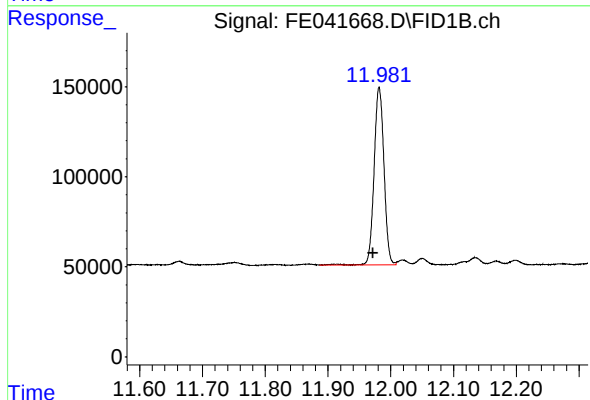
R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 35355
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



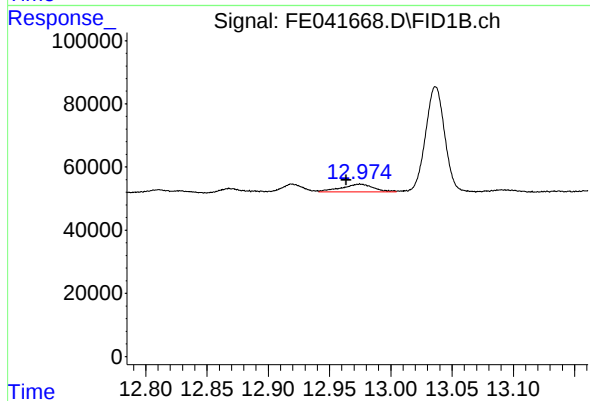
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.009 min
Response: 39310
Conc: 0.24 ug/ml



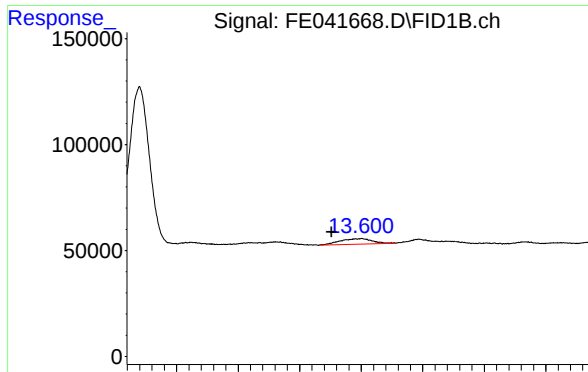
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.010 min
Response: 1081685
Conc: 5.77 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.011 min
Response: 43471
Conc: 0.27 ug/ml



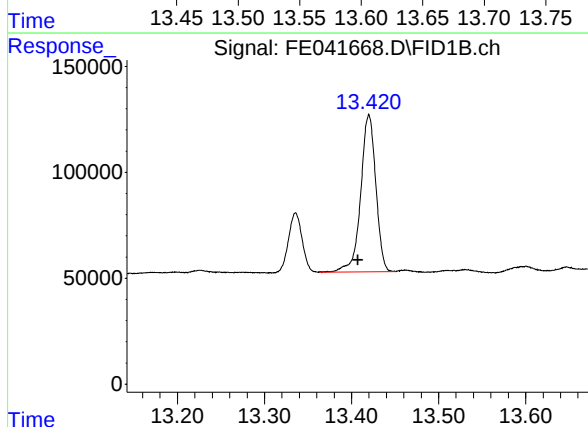
#11 n-Heneicosane (C21)

R.T.: 13.601 min
Delta R.T.: 0.025 min
Response: 48747
Conc: 0.31 ug/ml

Instrument :

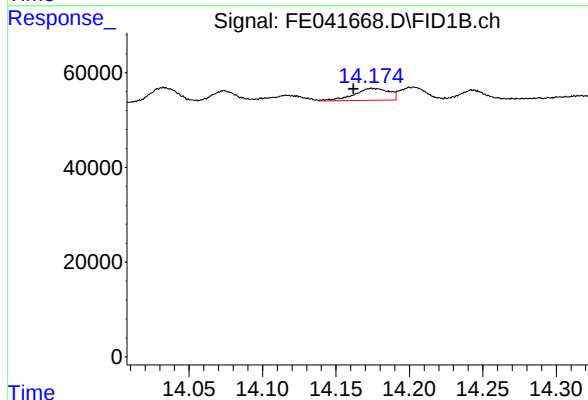
FID_E

ClientSampleId :



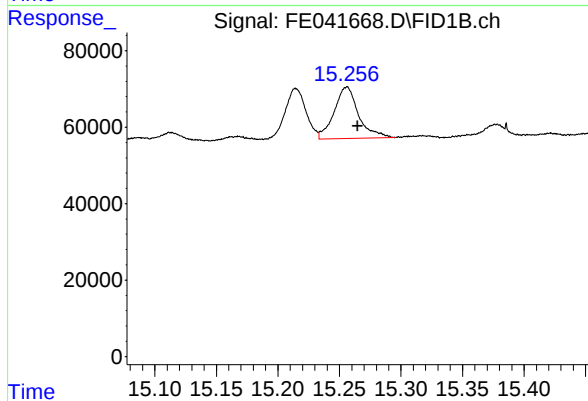
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.012 min
Response: 894374
Conc: 6.33 ug/ml



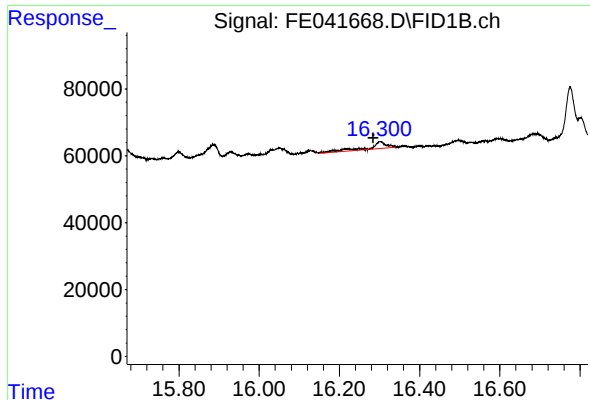
#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: 0.012 min
Response: 41558
Conc: 0.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.009 min
Response: 185949
Conc: 1.15 ug/ml



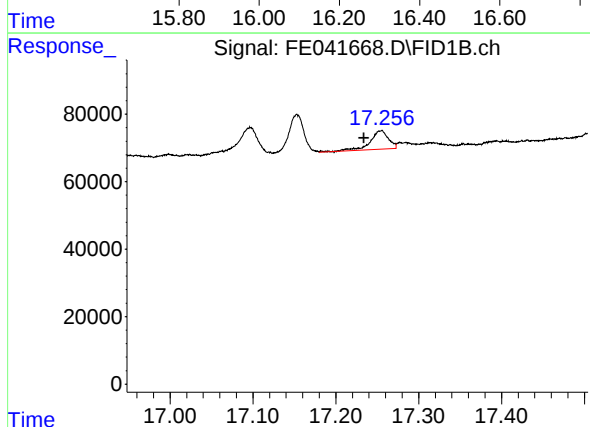
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.016 min
Response: 60902
Conc: 0.39 ug/ml

Instrument :

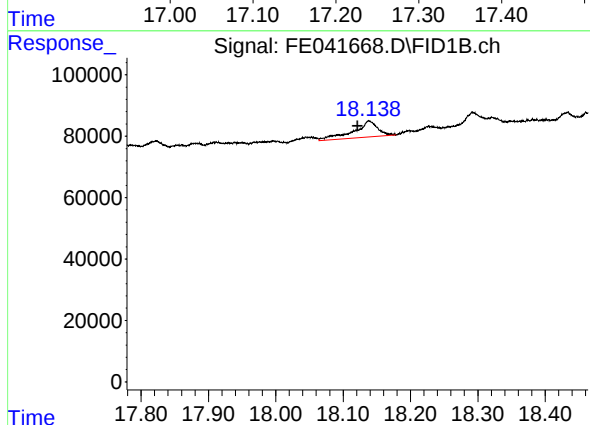
FID_E

ClientSampleId :



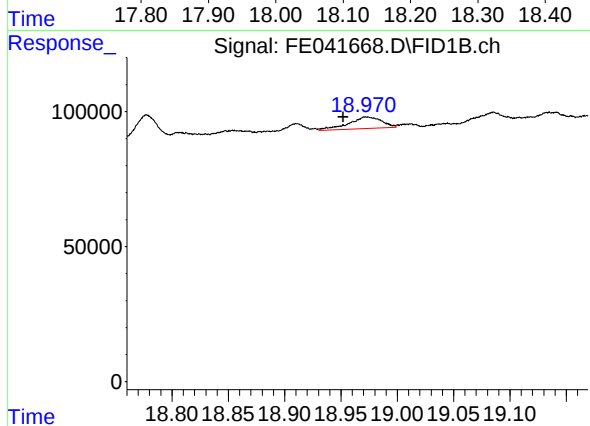
#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: 0.021 min
Response: 84600
Conc: 0.55 ug/ml



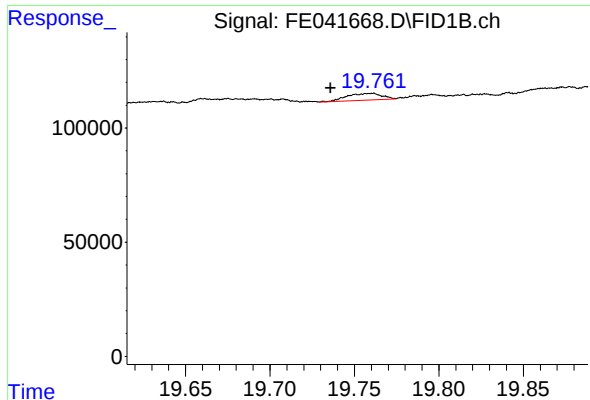
#17 n-Tricontane (C30)

R.T.: 18.138 min
Delta R.T.: 0.017 min
Response: 131038
Conc: 0.86 ug/ml



#18 n-Dotriacontane (C32)

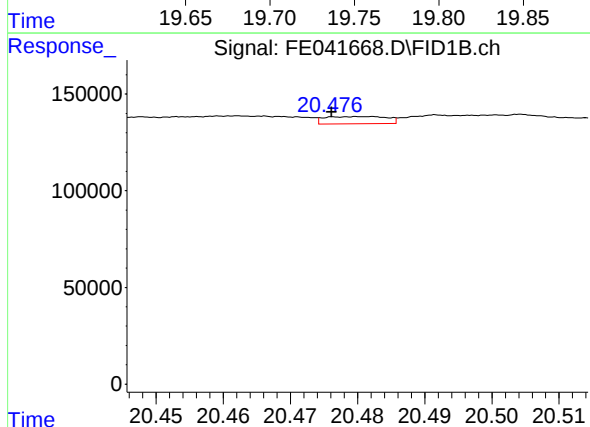
R.T.: 18.972 min
Delta R.T.: 0.020 min
Response: 88732
Conc: 0.60 ug/ml



#19 n-Tetratriacontane (C34)

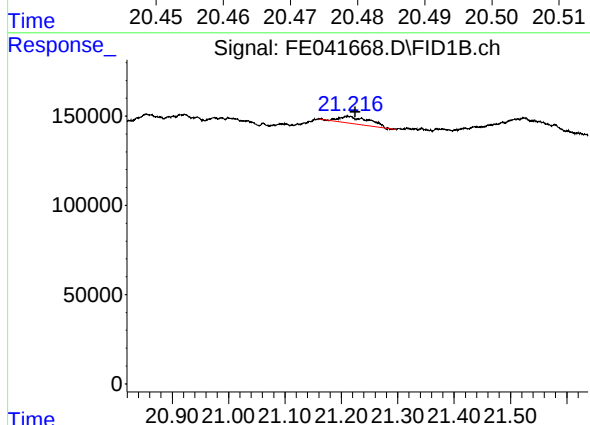
R.T.: 19.760 min
Delta R.T.: 0.024 min
Response: 42740
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



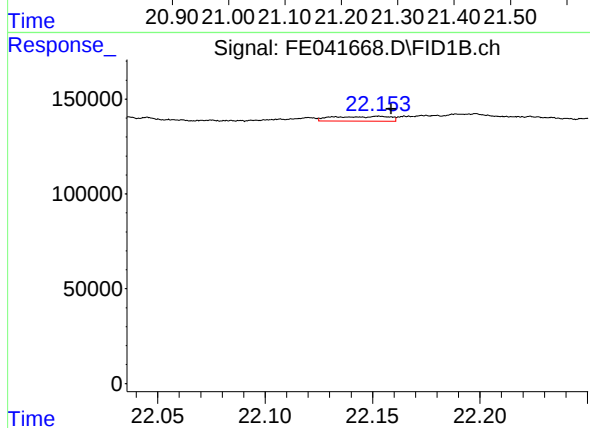
#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.005 min
Response: 23946
Conc: 0.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.014 min
Response: 145187
Conc: 1.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: -0.006 min
Response: 46210
Conc: 0.36 ug/ml