

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041614.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2023 13:50
 Operator : YP\AJ
 Sample : 02505-04DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 28 16:11:09 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)	11.983	568346	3.029 ug/ml
Spiked Amount 50.000		Recovery =	6.06%
12) S 1-chlorooctadecane (S...	13.421	477488	3.380 ug/ml
Spiked Amount 50.000		Recovery =	6.76%
Target Compounds			
10) T n-Eicosane (C20)	12.974	33870	0.211 ug/ml
11) T n-Heneicosane (C21)	13.602	49770	0.312 ug/ml
13) T n-Docosane (C22)	14.187	57145	0.359 ug/ml
14) T n-Tetracosane (C24)	15.278	58532	0.363 ug/ml
15) T n-Hexacosane (C26)	16.298	104389	0.660 ug/ml
16) T n-Octacosane (C28)	17.254	673734	4.379 ug/ml
17) T n-Tricontane (C30)	18.128	676748	4.443 ug/ml
18) T n-Dotriacontane (C32)	18.953	105810	0.710 ug/ml
19) T n-Tetratriacontane (C34)	19.763	230104	1.633 ug/ml
20) T n-Hexatriacontane (C36)	20.463	233244	1.744 ug/ml
21) T n-Octatriacontane (C38)	21.213	190327	1.440 ug/ml
22) T n-Tetracontane (C40)	22.171	58127	0.459 ug/ml

(f)=RT Delta > 1/2 Window

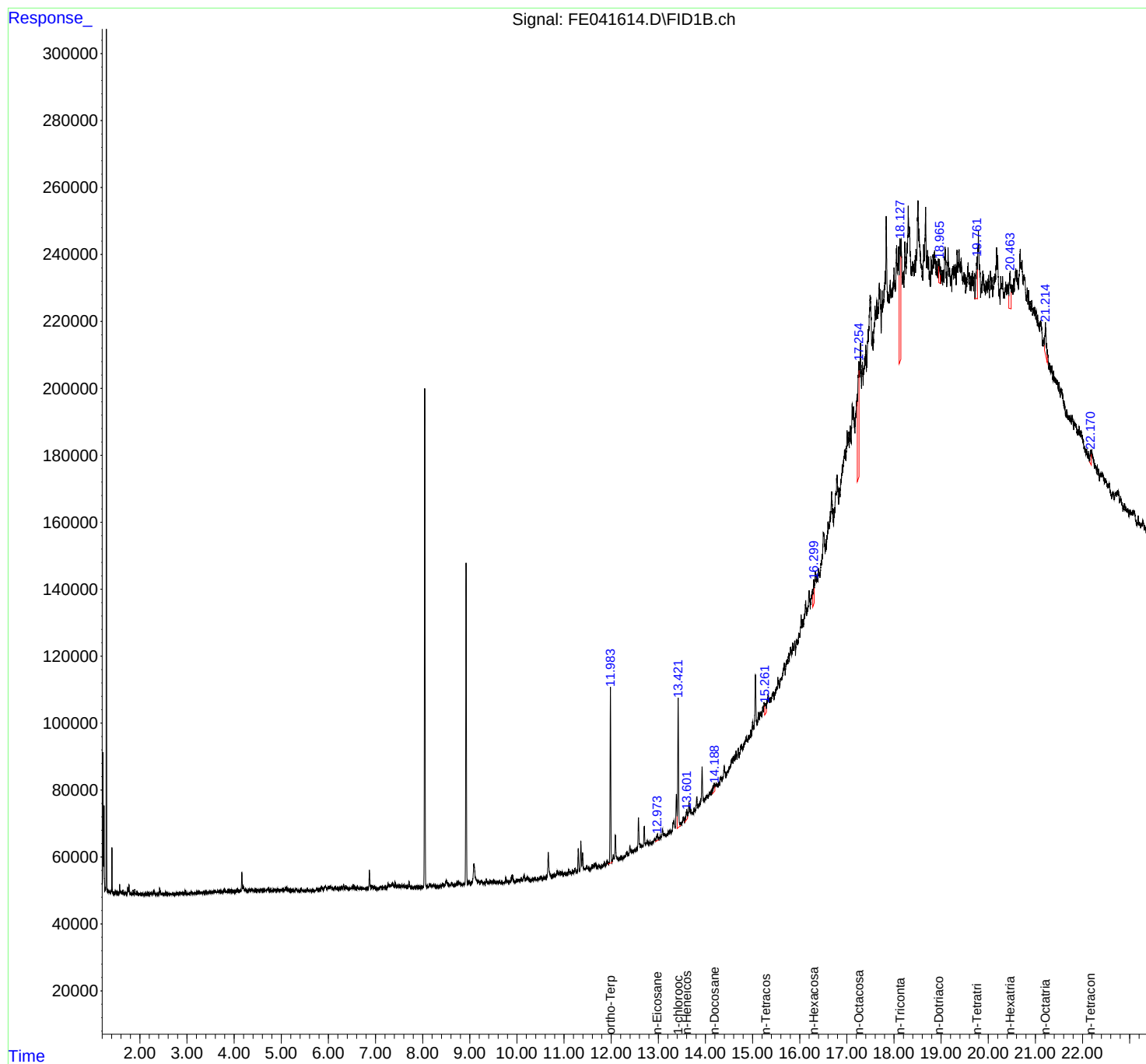
(m)=manual int.

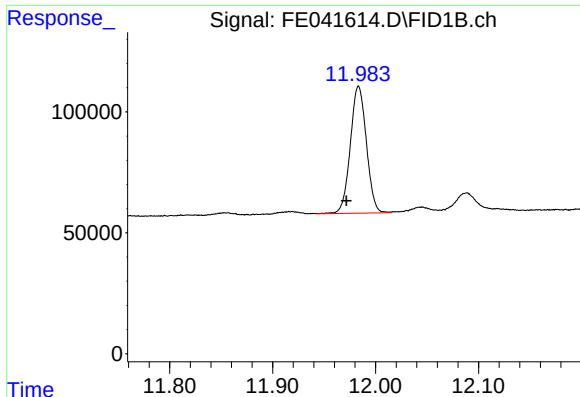
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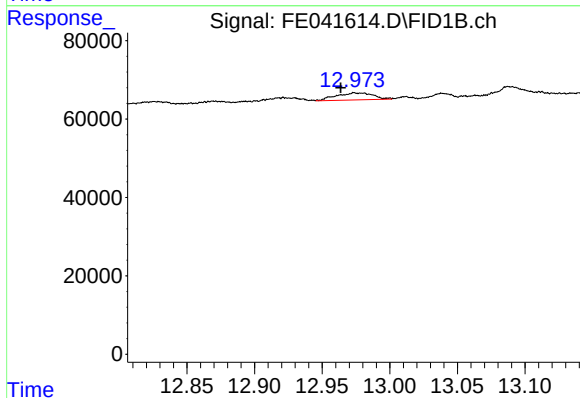




#9 ortho-Terphenyl (SURR)

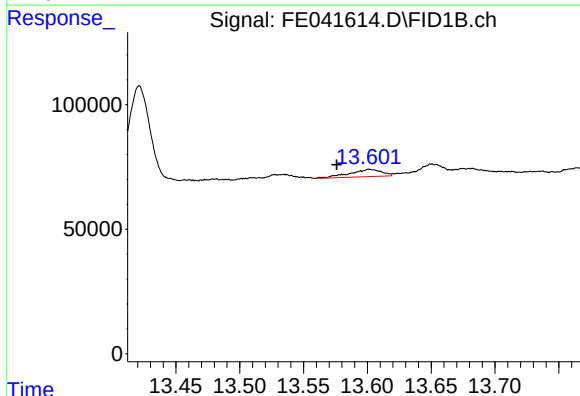
R.T.: 11.983 min
Delta R.T.: 0.012 min
Response: 568346
Conc: 3.03 ug/ml

Instrument :
FID_E
ClientSampleId :



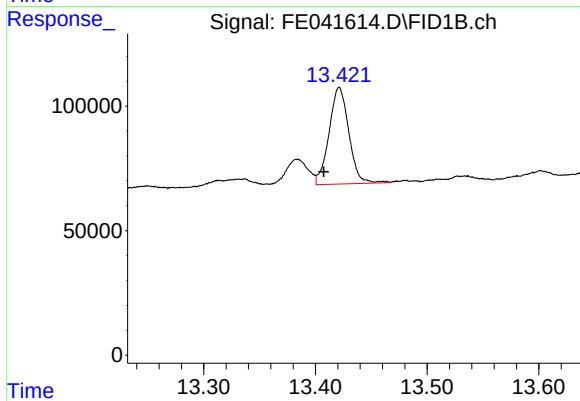
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.010 min
Response: 33870
Conc: 0.21 ug/ml



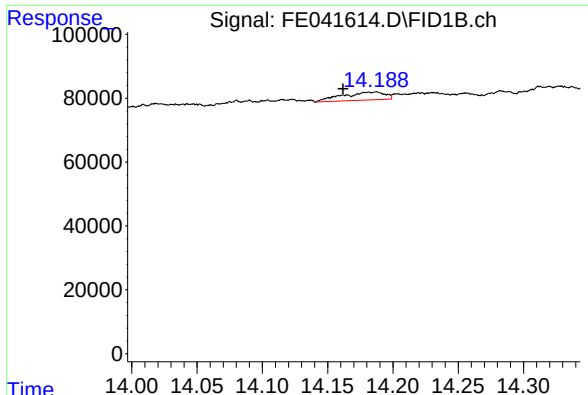
#11 n-Heneicosane (C21)

R.T.: 13.602 min
Delta R.T.: 0.026 min
Response: 49770
Conc: 0.31 ug/ml



#12 1-chlorooctadecane (SURR)

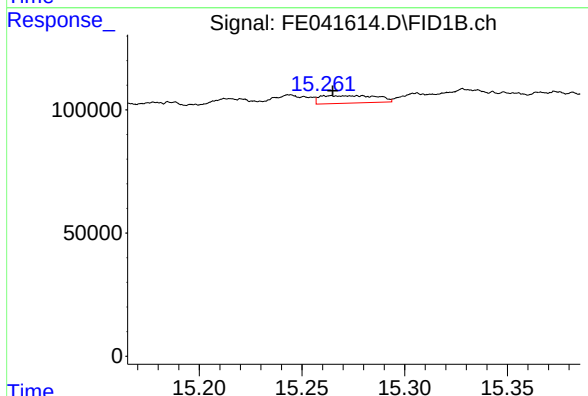
R.T.: 13.421 min
Delta R.T.: 0.014 min
Response: 477488
Conc: 3.38 ug/ml



#13 n-Docosane (C22)

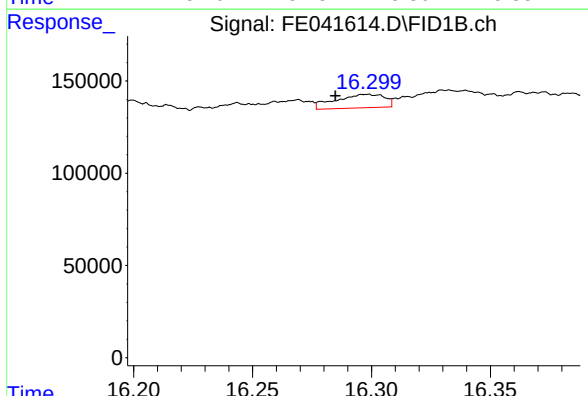
R.T.: 14.187 min
Delta R.T.: 0.025 min
Response: 57145
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :



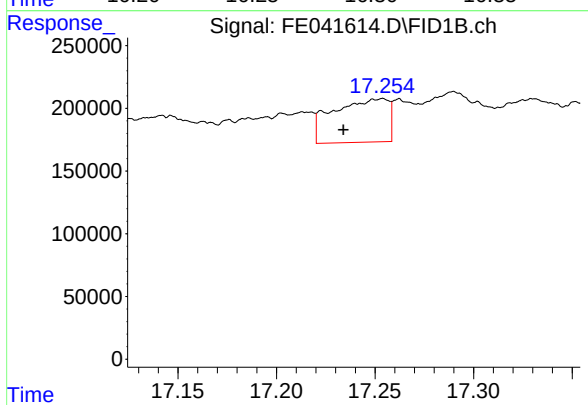
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.013 min
Response: 58532
Conc: 0.36 ug/ml



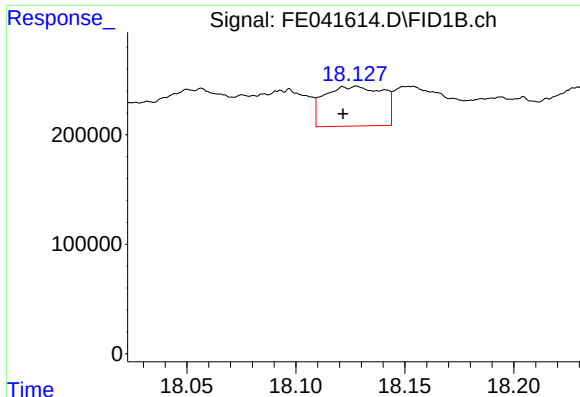
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.013 min
Response: 104389
Conc: 0.66 ug/ml



#16 n-Octacosane (C28)

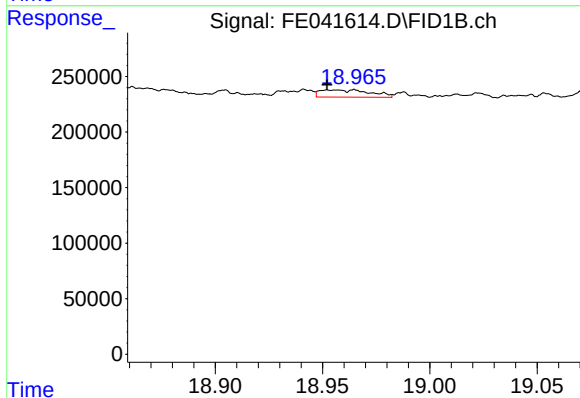
R.T.: 17.254 min
Delta R.T.: 0.020 min
Response: 673734
Conc: 4.38 ug/ml



#17 n-Tricontane (C30)

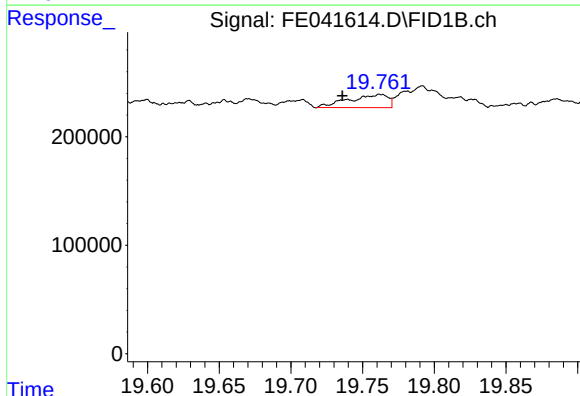
R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 676748
Conc: 4.44 ug/ml

Instrument :
FID_E
ClientSampleId :



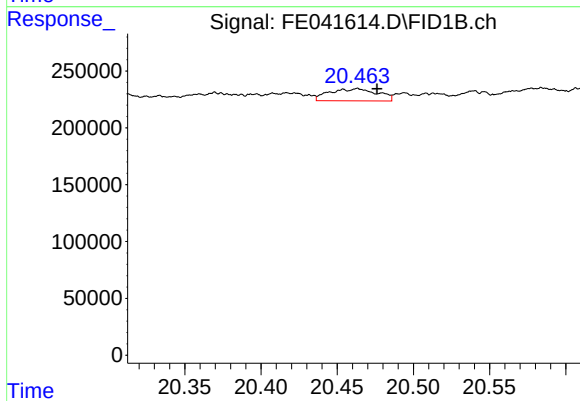
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 105810
Conc: 0.71 ug/ml



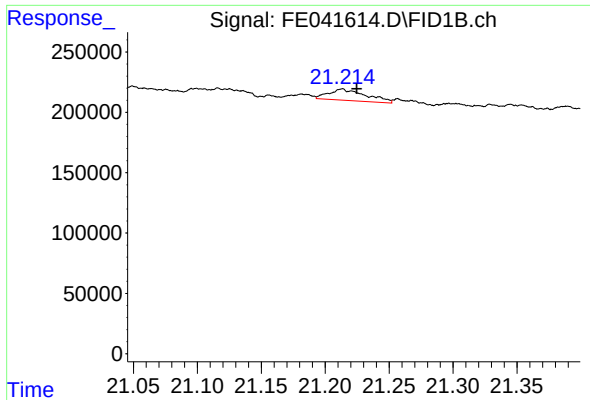
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.027 min
Response: 230104
Conc: 1.63 ug/ml



#20 n-Hexatriacontane (C36)

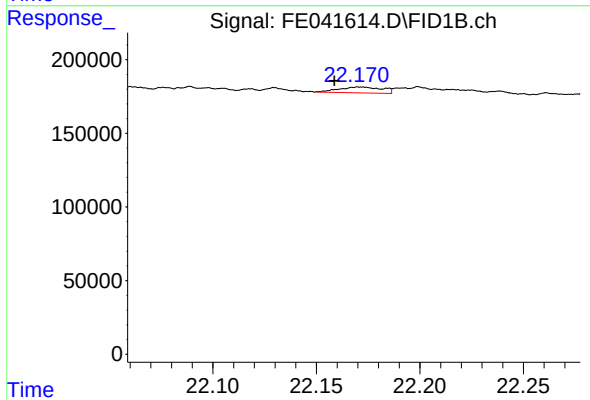
R.T.: 20.463 min
Delta R.T.: -0.013 min
Response: 233244
Conc: 1.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.012 min
Response: 190327
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.013 min
Response: 58127
Conc: 0.46 ug/ml