

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041775.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2023 07:59
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 01:40:06 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)	11.980	125496	0.669 ug/ml
Spiked Amount 50.000		Recovery =	1.34%
12) S 1-chlorooctadecane (S...	13.442	363270	2.571 ug/ml
Spiked Amount 50.000		Recovery =	5.14%
Target Compounds			
10) T n-Eicosane (C20)	12.989	84751	0.527 ug/ml
11) T n-Heneicosane (C21)	13.555	224605	1.409 ug/ml
13) T n-Docosane (C22)	14.138	709592	4.454 ug/ml
14) T n-Tetracosane (C24)	15.258	450198	2.792 ug/ml
15) T n-Hexacosane (C26)	16.285	786967	4.978 ug/ml
16) T n-Octacosane (C28)	17.235	379396	2.466 ug/ml
17) T n-Tricontane (C30)	18.125	301130	1.977 ug/ml
18) T n-Dotriacontane (C32)	18.959	440609	2.958 ug/ml
19) T n-Tetratriacontane (C34)	19.718	761359	5.404 ug/ml
20) T n-Hexatriacontane (C36)	20.478	255745	1.912 ug/ml
21) T n-Octatriacontane (C38)	21.223	92780	0.702 ug/ml
22) T n-Tetracontane (C40)	22.155	423367	3.344 ug/ml

(f)=RT Delta > 1/2 Window

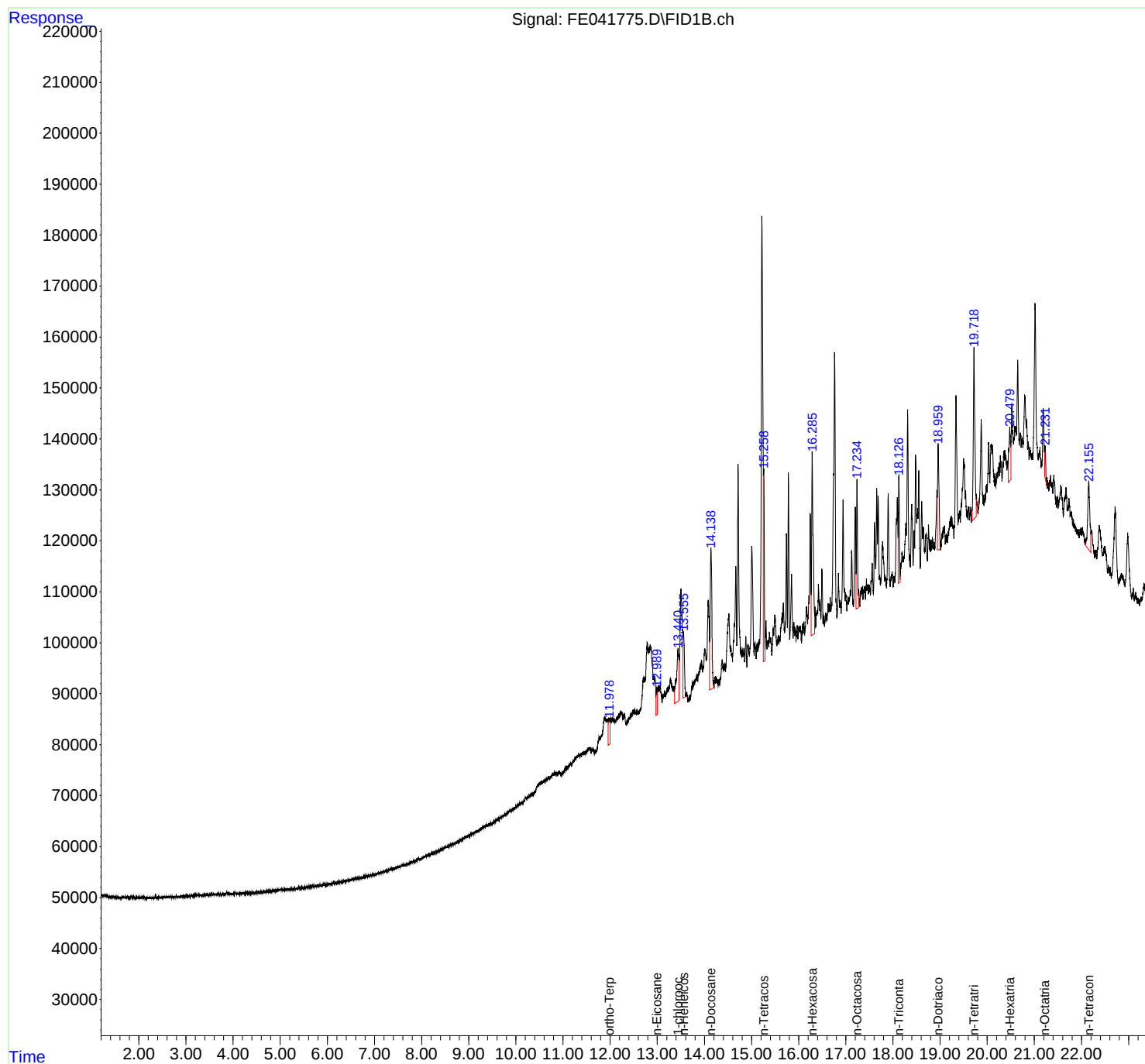
(m)=manual int.

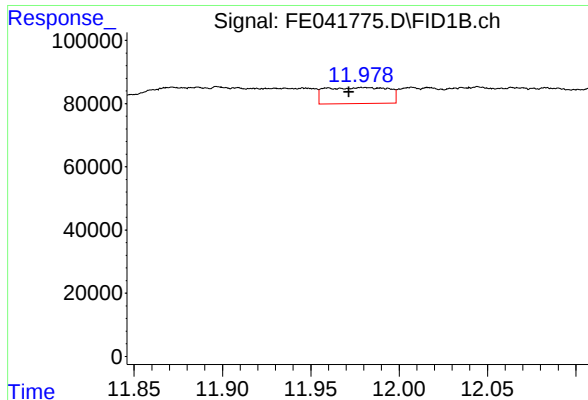
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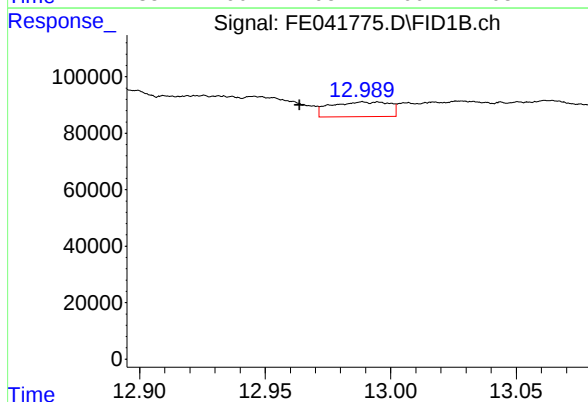




#9 ortho-Terphenyl (SURR)

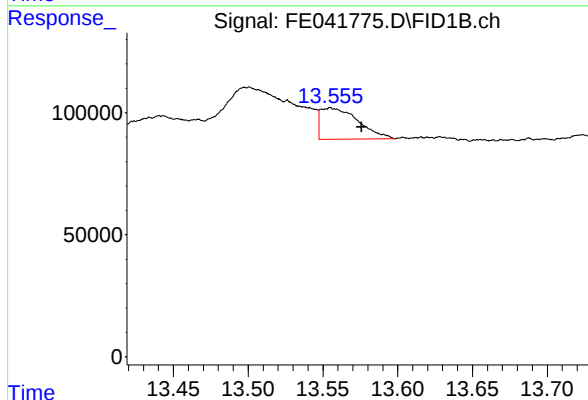
R.T.: 11.980 min
Delta R.T.: 0.008 min
Response: 125496
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :



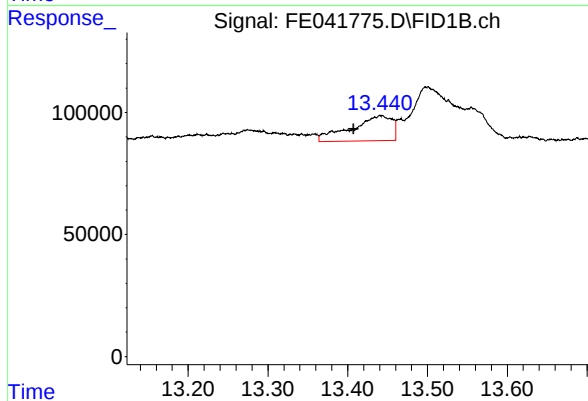
#10 n-Eicosane (C20)

R.T.: 12.989 min
Delta R.T.: 0.025 min
Response: 84751
Conc: 0.53 ug/ml



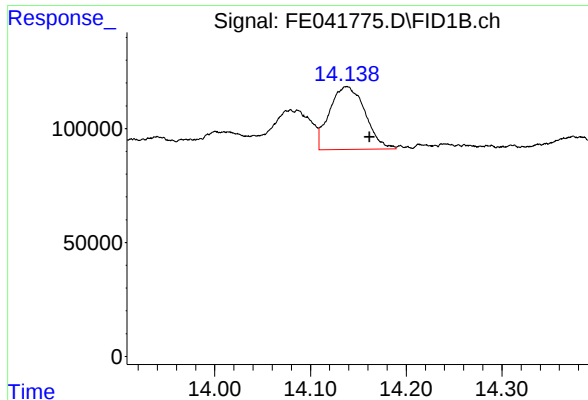
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.021 min
Response: 224605
Conc: 1.41 ug/ml



#12 1-chlorooctadecane (SURR)

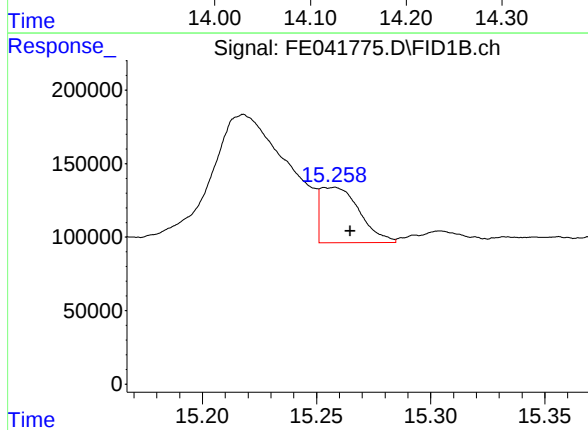
R.T.: 13.442 min
Delta R.T.: 0.034 min
Response: 363270
Conc: 2.57 ug/ml



#13 n-Docosane (C22)

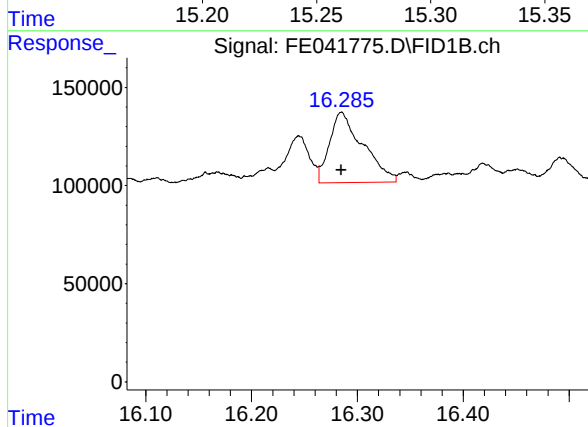
R.T.: 14.138 min
Delta R.T.: -0.024 min
Response: 709592
Conc: 4.45 ug/ml

Instrument :
FID_E
ClientSampleId :



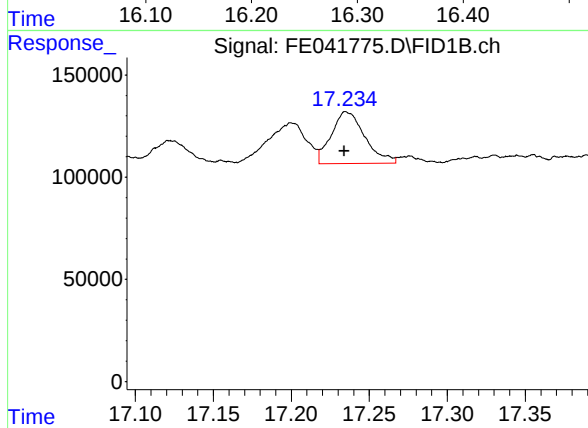
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.007 min
Response: 450198
Conc: 2.79 ug/ml



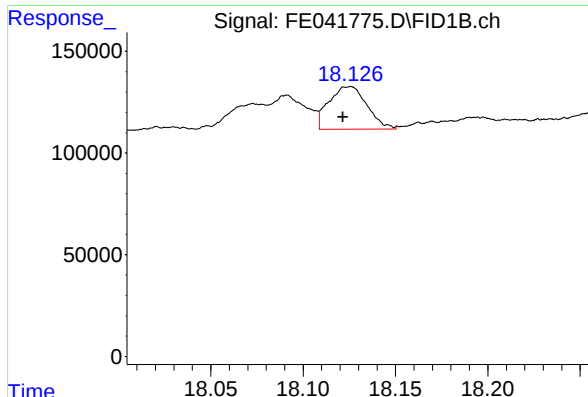
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 786967
Conc: 4.98 ug/ml



#16 n-Octacosane (C28)

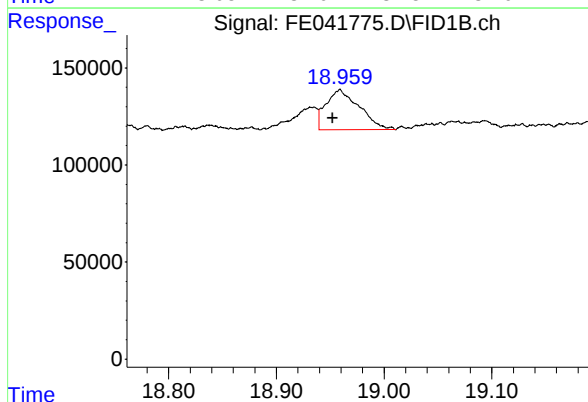
R.T.: 17.235 min
Delta R.T.: 0.001 min
Response: 379396
Conc: 2.47 ug/ml



#17 n-Tricontane (C30)

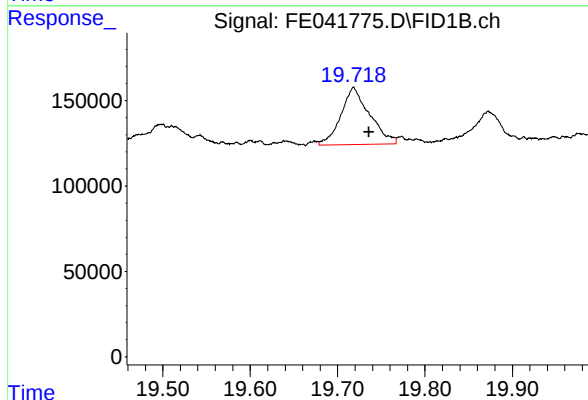
R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 301130
Conc: 1.98 ug/ml

Instrument :
FID_E
ClientSampleId :



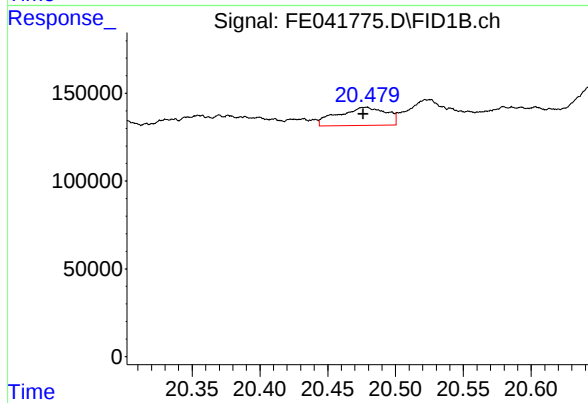
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.007 min
Response: 440609
Conc: 2.96 ug/ml



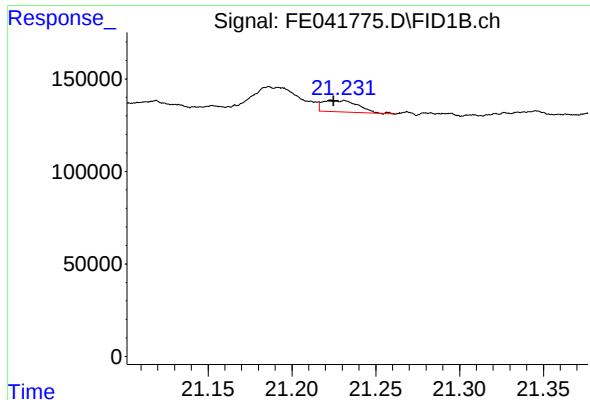
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.018 min
Response: 761359
Conc: 5.40 ug/ml



#20 n-Hexatriacontane (C36)

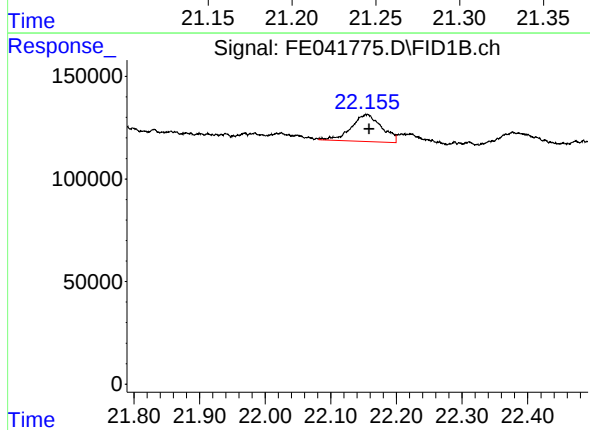
R.T.: 20.478 min
Delta R.T.: 0.002 min
Response: 255745
Conc: 1.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.001 min
Response: 92780
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.003 min
Response: 423367
Conc: 3.34 ug/ml