

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040824AL\
 Data File : FE047505.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2024 07:47
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 01:42:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.997	23658	0.136 ug/ml
Spiked Amount 50.000		Recovery =	0.27%
12) S 1-chlorooctadecane (S...	13.430	342285	2.545 ug/ml
Spiked Amount 50.000		Recovery =	5.09%
Target Compounds			
7) T n-Hexadecane (C16)	10.205	111390	0.671 ug/ml
11) T n-Heneicosane (C21)	13.541	365961	2.306 ug/ml
13) T n-Docosane (C22)	14.135	792497	4.938 ug/ml
14) T n-Tetracosane (C24)	15.255	604636	3.663 ug/ml
15) T n-Hexacosane (C26)	16.282	806157	4.877 ug/ml
16) T n-Octacosane (C28)	17.230	418336	2.524 ug/ml
17) T n-Tricontane (C30)	18.118	370805	2.184 ug/ml
18) T n-Dotriacontane (C32)	18.951	434167	2.604 ug/ml
19) T n-Tetratriacontane (C34)	19.713	374114	2.333 ug/ml
20) T n-Hexatriacontane (C36)	20.471	113443	0.711 ug/ml
21) T n-Octatriacontane (C38)	21.181	187406	1.153 ug/ml
22) T n-Tetracontane (C40)	22.166	8967	0.055 ug/ml

(f)=RT Delta > 1/2 Window

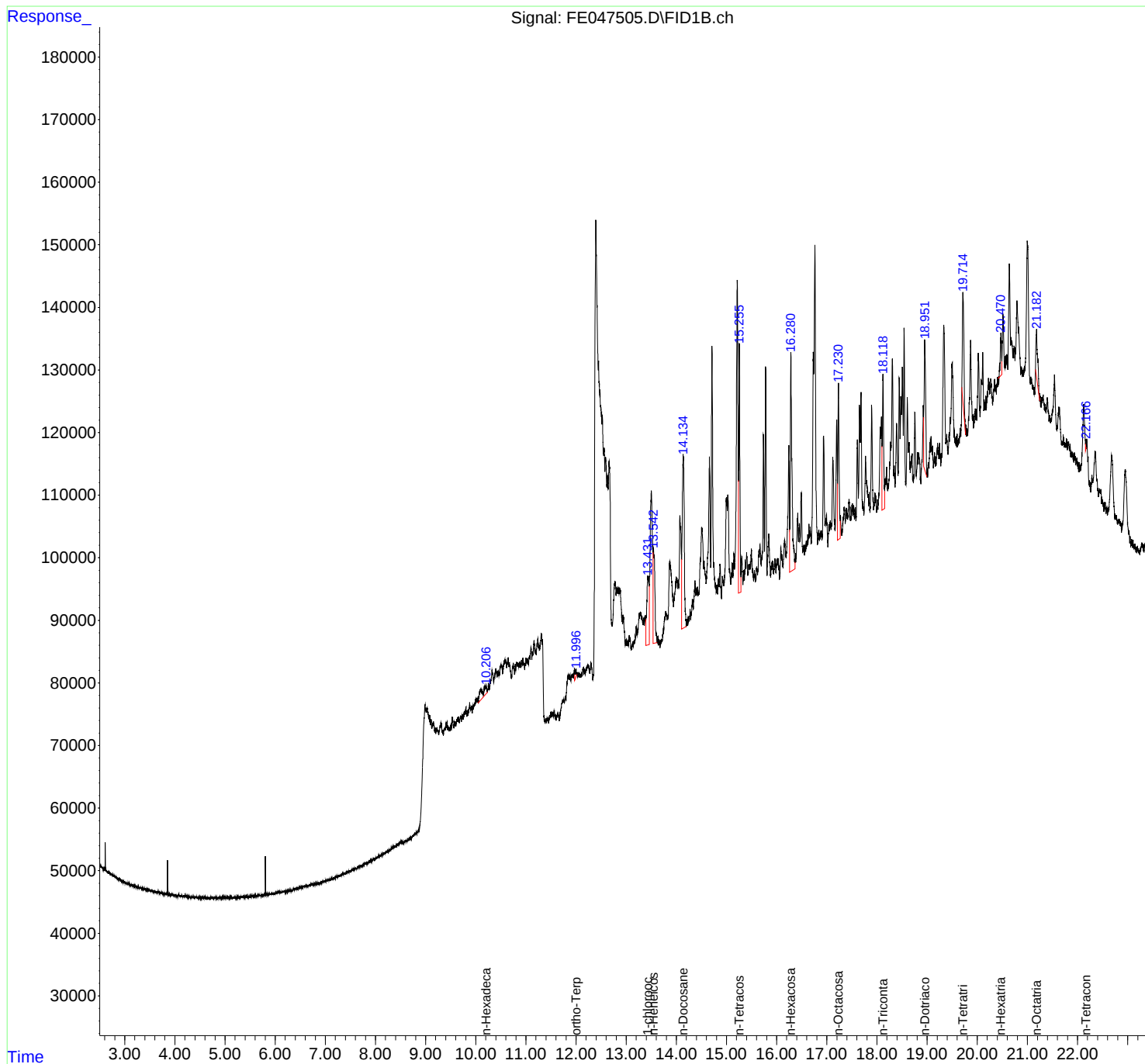
(m)=manual int.

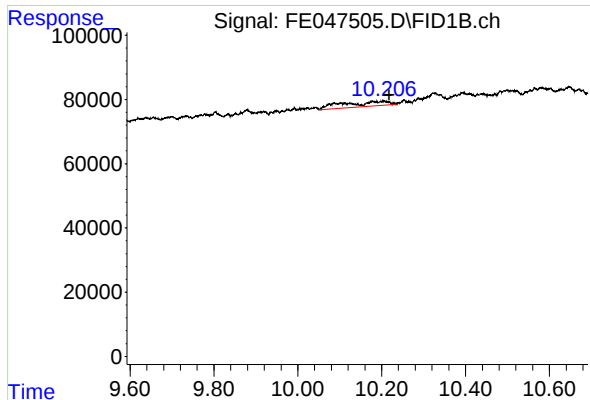
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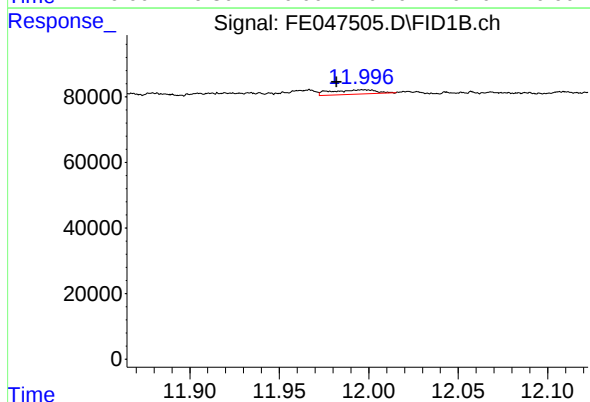




#7 n-Hexadecane (C16)

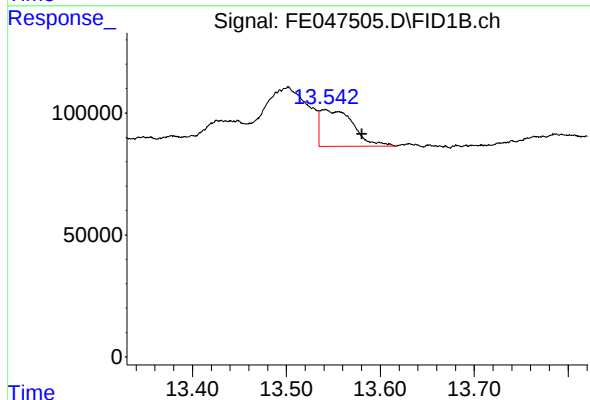
R.T.: 10.205 min
Delta R.T.: -0.013 min
Response: 111390
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :



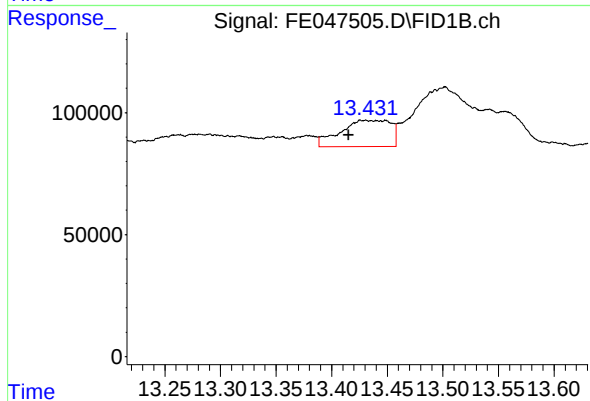
#9 ortho-Terphenyl (SURR)

R.T.: 11.997 min
Delta R.T.: 0.015 min
Response: 23658
Conc: 0.14 ug/ml



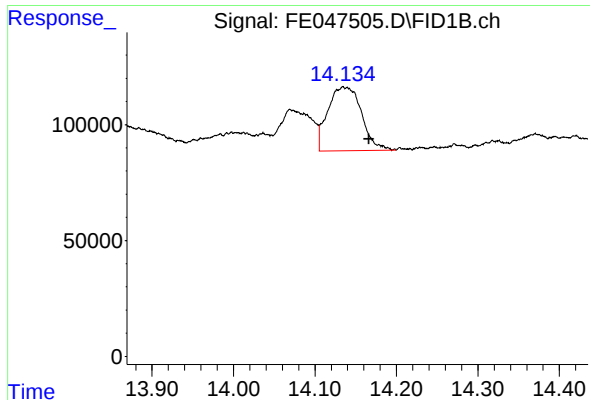
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.039 min
Response: 365961
Conc: 2.31 ug/ml



#12 1-chlorooctadecane (SURR)

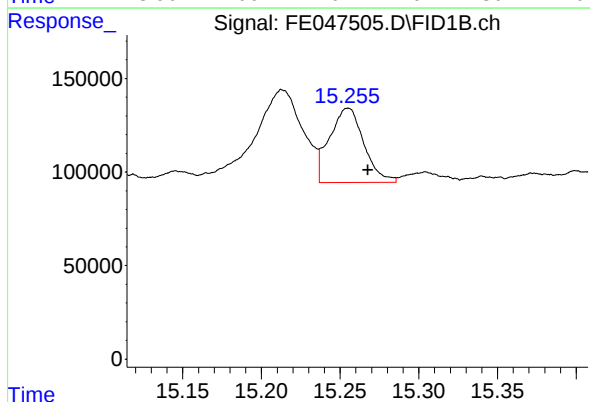
R.T.: 13.430 min
Delta R.T.: 0.015 min
Response: 342285
Conc: 2.54 ug/ml



#13 n-Docosane (C22)

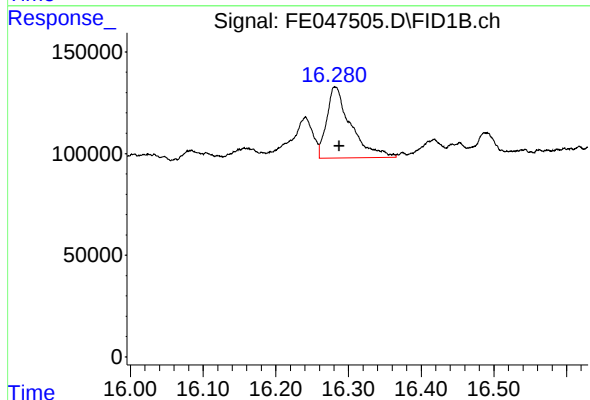
R.T.: 14.135 min
Delta R.T.: -0.032 min
Response: 792497
Conc: 4.94 ug/ml

Instrument :
FID_E
ClientSampleId :



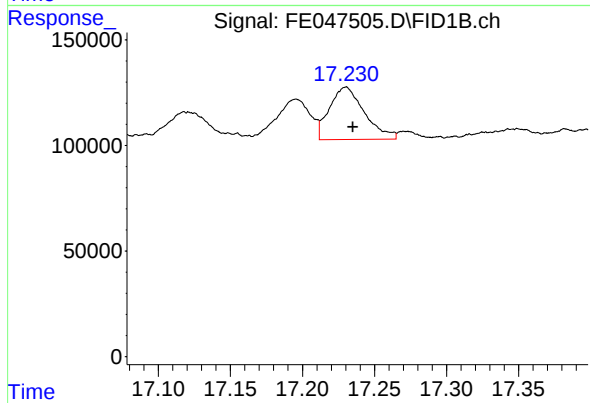
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.013 min
Response: 604636
Conc: 3.66 ug/ml



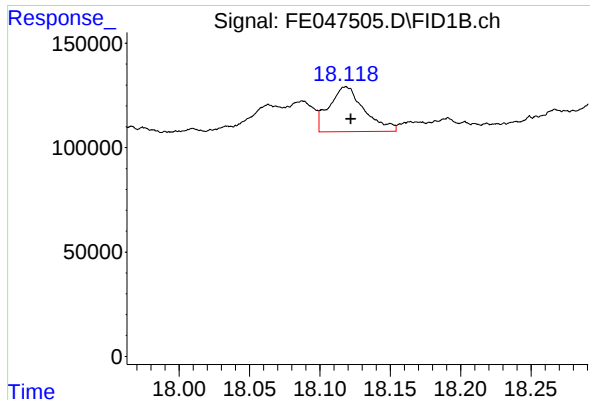
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: -0.005 min
Response: 806157
Conc: 4.88 ug/ml



#16 n-Octacosane (C28)

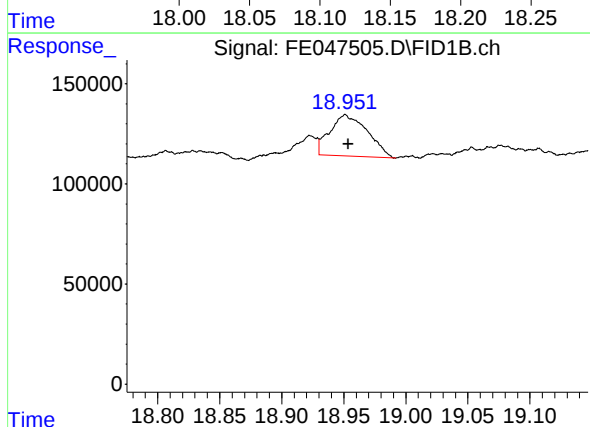
R.T.: 17.230 min
Delta R.T.: -0.005 min
Response: 418336
Conc: 2.52 ug/ml



#17 n-Tricontane (C30)

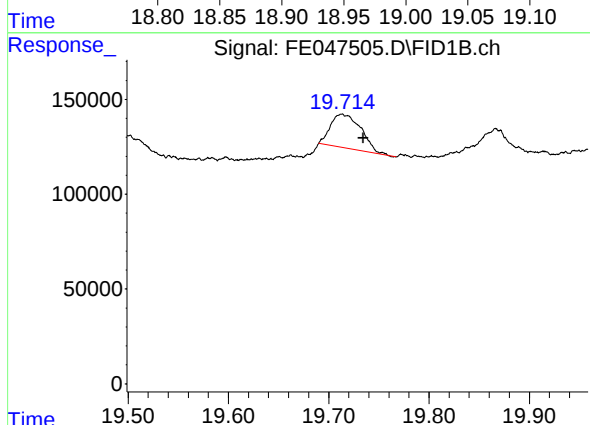
R.T.: 18.118 min
Delta R.T.: -0.004 min
Response: 370805
Conc: 2.18 ug/ml

Instrument :
FID_E
ClientSampleId :



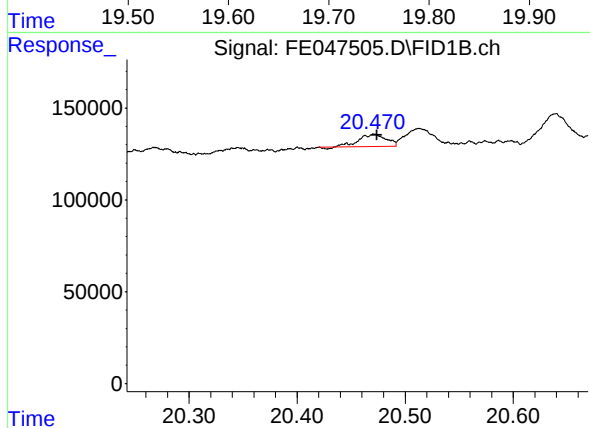
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.002 min
Response: 434167
Conc: 2.60 ug/ml



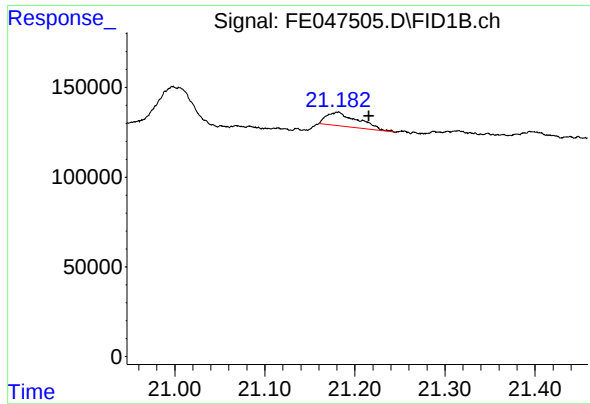
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.021 min
Response: 374114
Conc: 2.33 ug/ml



#20 n-Hexatriacontane (C36)

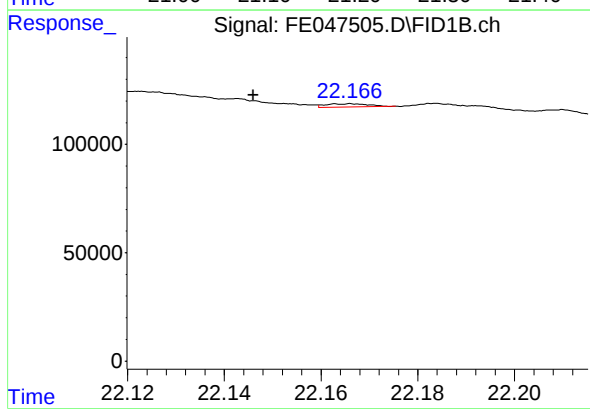
R.T.: 20.471 min
Delta R.T.: -0.003 min
Response: 113443
Conc: 0.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.034 min
Response: 187406
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: 0.020 min
Response: 8967
Conc: 0.05 ug/ml