

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051424AL\
 Data File : FE048163.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2024 16:32
 Operator : YP\AJ
 Sample : P2467-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 05:56:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.957	3822443	26.496 ug/ml
Spiked Amount 50.000		Recovery =	52.99%
12) S 1-chlorooctadecane (S...	13.390	3261159	29.185 ug/ml
Spiked Amount 50.000		Recovery =	58.37%
Target Compounds			
7) T n-Hexadecane (C16)	10.192	38228	0.278 ug/ml
10) T n-Eicosane (C20)	13.007	682421	5.068 ug/ml
13) T n-Docosane (C22)	14.141	31607	0.239 ug/ml
14) T n-Tetracosane (C24)	15.222	292671	2.198 ug/ml
15) T n-Hexacosane (C26)	16.262	67970	0.509 ug/ml
16) T n-Octacosane (C28)	17.215	132951	0.999 ug/ml
17) T n-Tricontane (C30)	18.100	151978	1.101 ug/ml
18) T n-Dotriacontane (C32)	18.927	137845	0.998 ug/ml
20) T n-Hexatriacontane (C36)	20.453	34302	0.253 ug/ml
22) T n-Tetracontane (C40)	22.113	293603	2.107 ug/ml

(f)=RT Delta > 1/2 Window

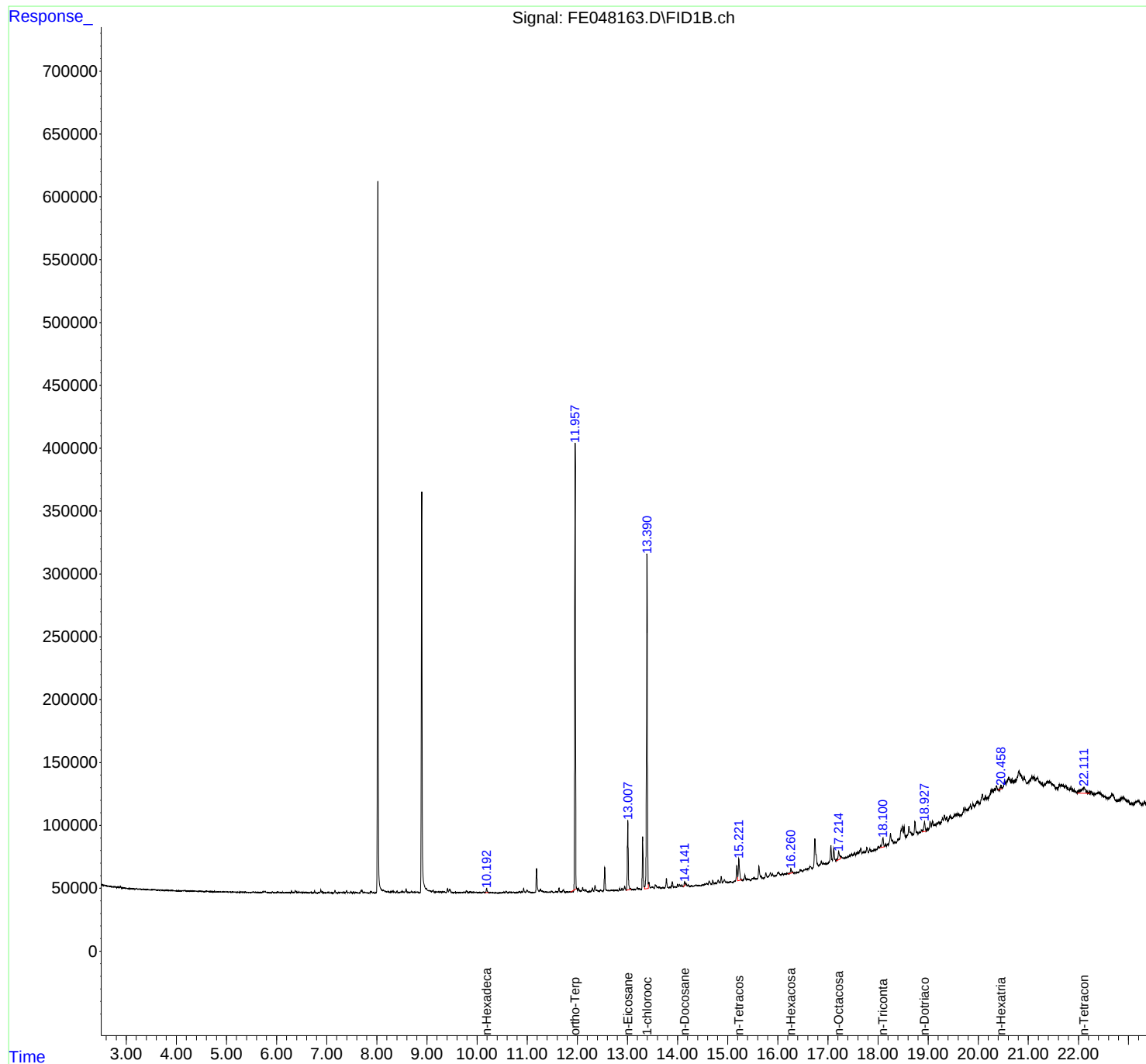
(m)=manual int.

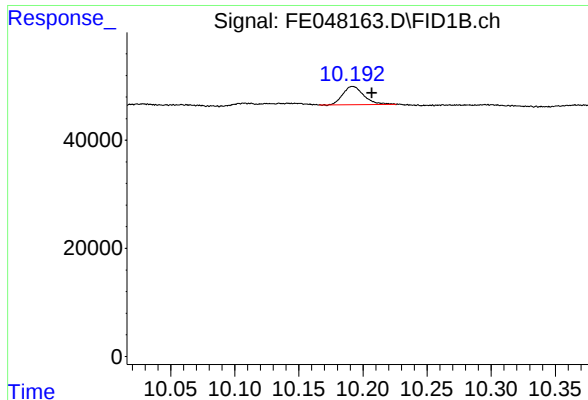
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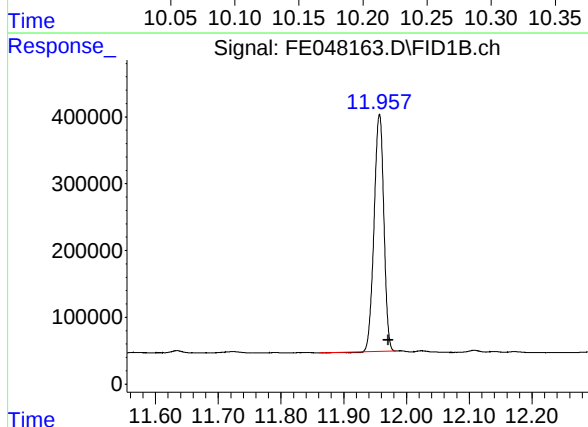




#7 n-Hexadecane (C16)

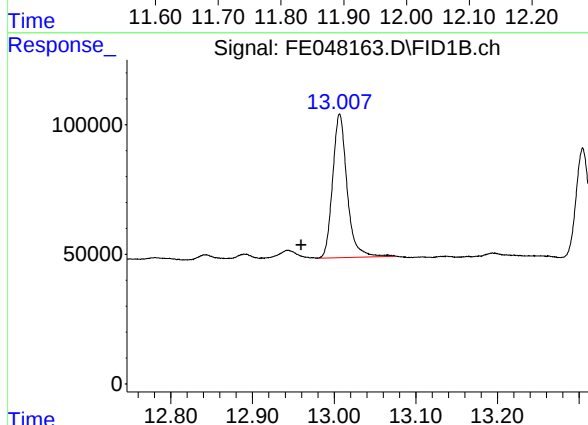
R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 38228
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



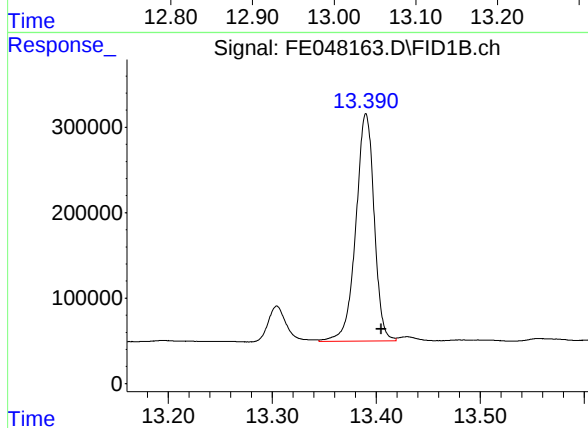
#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 3822443
Conc: 26.50 ug/ml



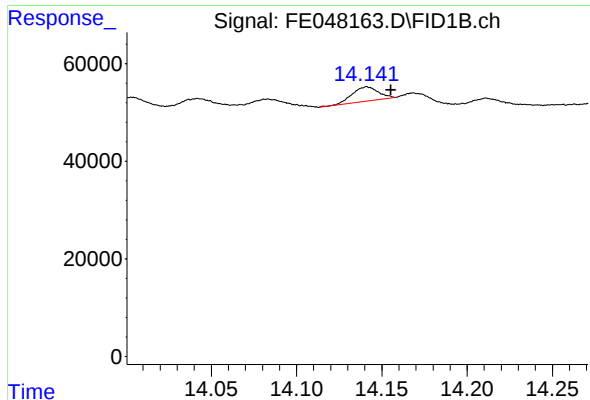
#10 n-Eicosane (C20)

R.T.: 13.007 min
Delta R.T.: 0.047 min
Response: 682421
Conc: 5.07 ug/ml



#12 1-chlorooctadecane (SURR)

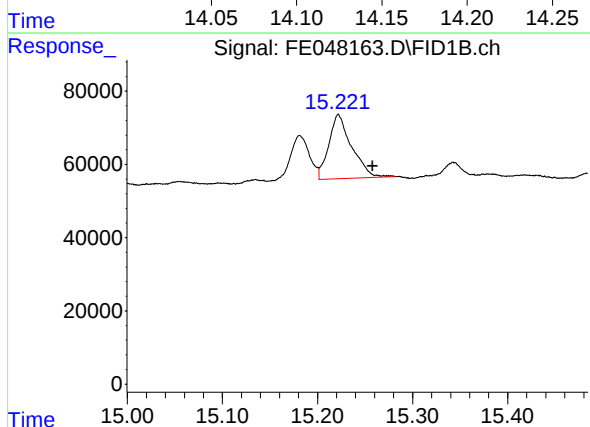
R.T.: 13.390 min
Delta R.T.: -0.015 min
Response: 3261159
Conc: 29.18 ug/ml



#13 n-Docosane (C22)

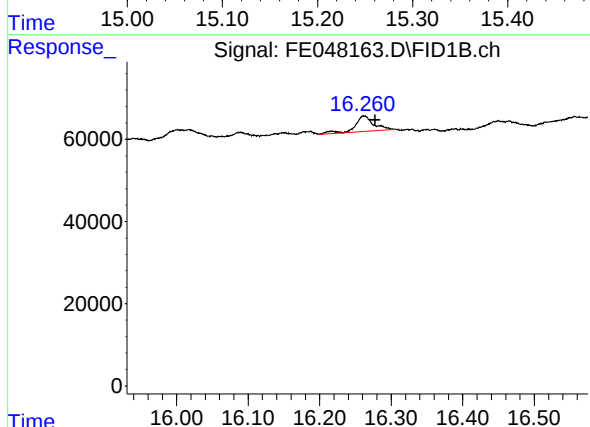
R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 31607
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



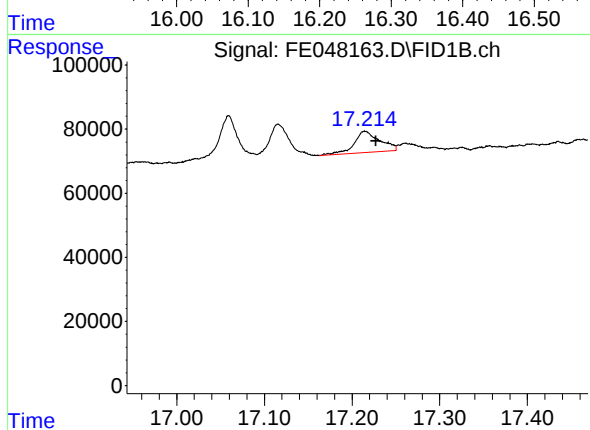
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.036 min
Response: 292671
Conc: 2.20 ug/ml



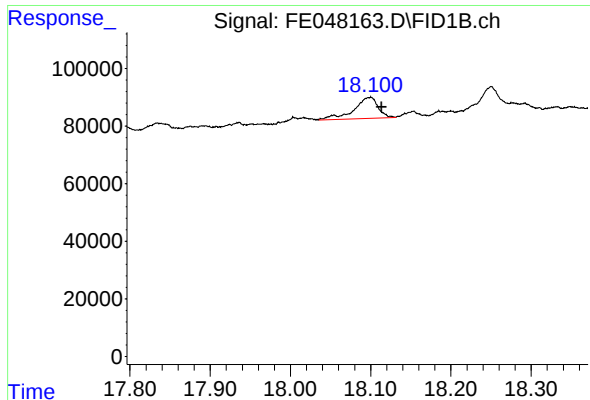
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.016 min
Response: 67970
Conc: 0.51 ug/ml



#16 n-Octacosane (C28)

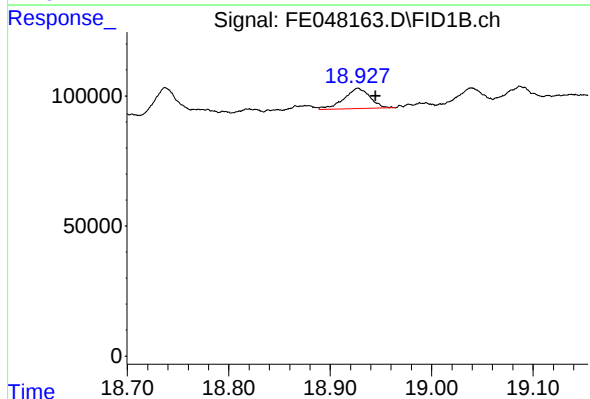
R.T.: 17.215 min
Delta R.T.: -0.013 min
Response: 132951
Conc: 1.00 ug/ml



#17 n-Tricontane (C30)

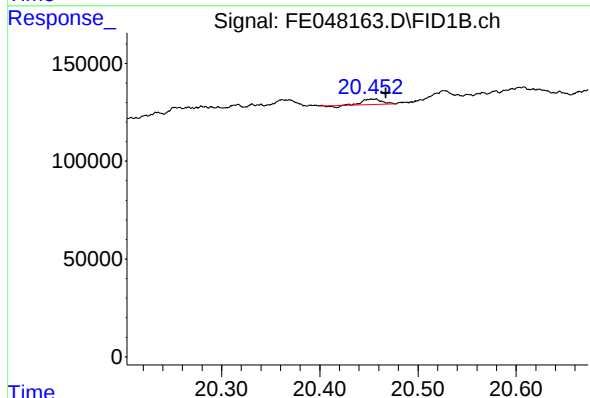
R.T.: 18.100 min
Delta R.T.: -0.014 min
Response: 151978
Conc: 1.10 ug/ml

Instrument :
FID_E
ClientSampleId :



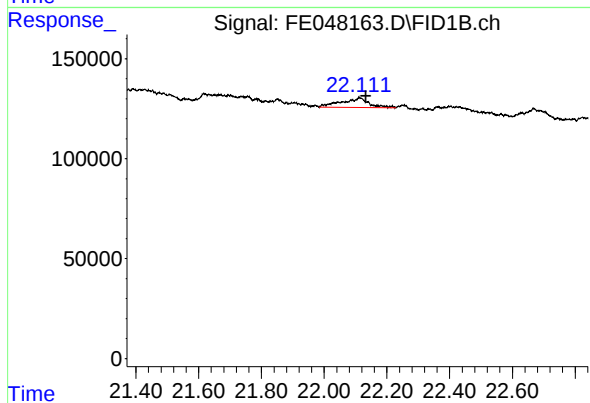
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.018 min
Response: 137845
Conc: 1.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.014 min
Response: 34302
Conc: 0.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.022 min
Response: 293603
Conc: 2.11 ug/ml