

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
 Data File : FE050721.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2024 17:55
 Operator : YP\AJ
 Sample : P4422-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 03:48:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.861	4387386	27.829 ug/ml
Spiked Amount 50.000		Recovery =	55.66%
12) S 1-chlorooctadecane (S...	13.296	3473099	29.360 ug/ml
Spiked Amount 50.000		Recovery =	58.72%
Target Compounds			
6) T n-Tetradecane (C14)	8.492	98055	0.685 ug/ml
7) T n-Hexadecane (C16)	10.099	80272	0.545 ug/ml
10) T n-Eicosane (C20)	12.847	138646	0.967 ug/ml
11) T n-Heneicosane (C21)	13.459	76337	0.544 ug/ml
13) T n-Docosane (C22)	14.043	99226	0.707 ug/ml
14) T n-Tetracosane (C24)	15.148	111907	0.792 ug/ml
15) T n-Hexacosane (C26)	16.166	337242	2.397 ug/ml
16) T n-Octacosane (C28)	17.123	223008	1.524 ug/ml
17) T n-Tricontane (C30)	18.004	333890	2.100 ug/ml
18) T n-Dotriacontane (C32)	18.835	235752	1.454 ug/ml
19) T n-Tetratriacontane (C34)	19.622	336512	2.291 ug/ml
20) T n-Hexatriacontane (C36)	20.362	215973	1.703 ug/ml
21) T n-Octatriacontane (C38)	21.090	956631	7.737 ug/ml
22) T n-Tetracontane (C40)	21.980	179252	1.610 ug/ml

(f)=RT Delta > 1/2 Window

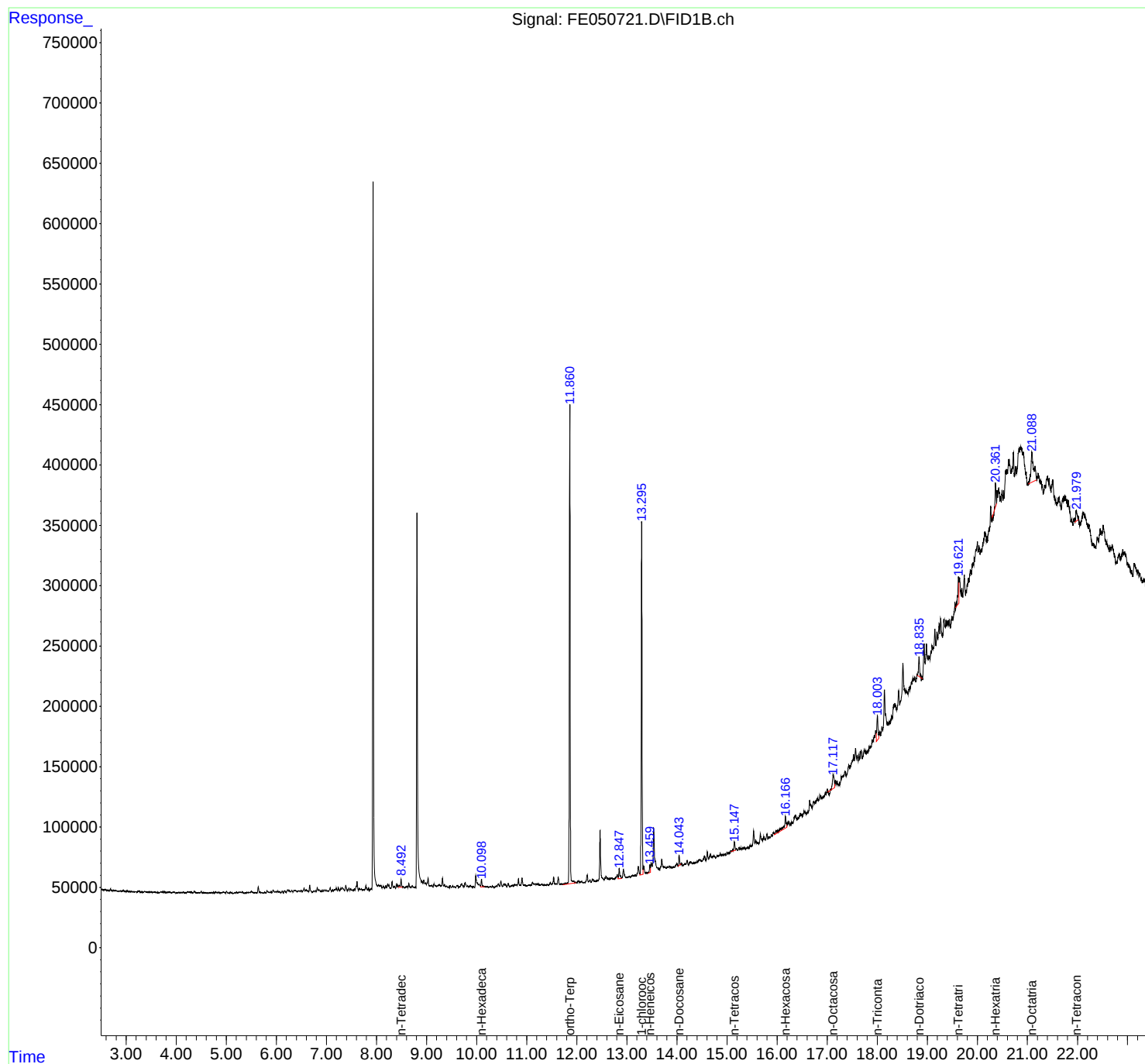
(m)=manual int.

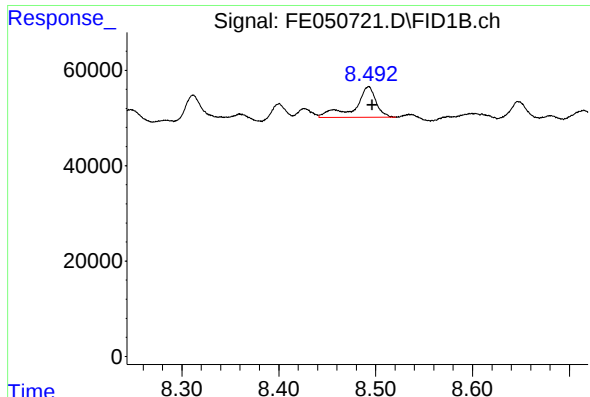
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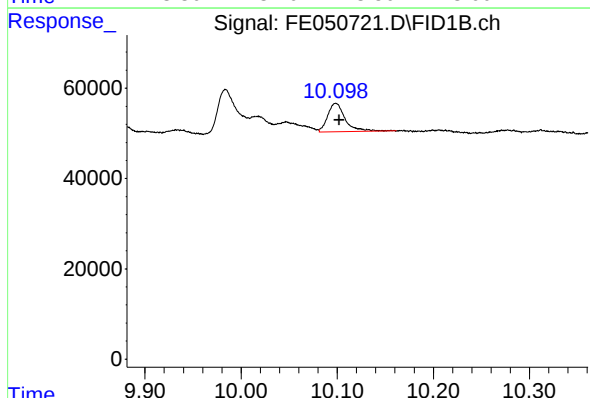




#6 n-Tetradecane (C14)

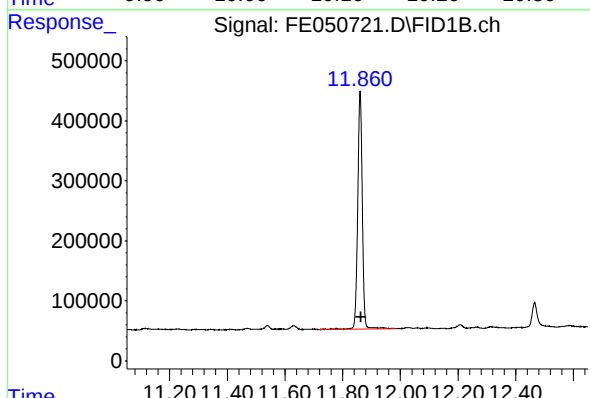
R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 98055
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :



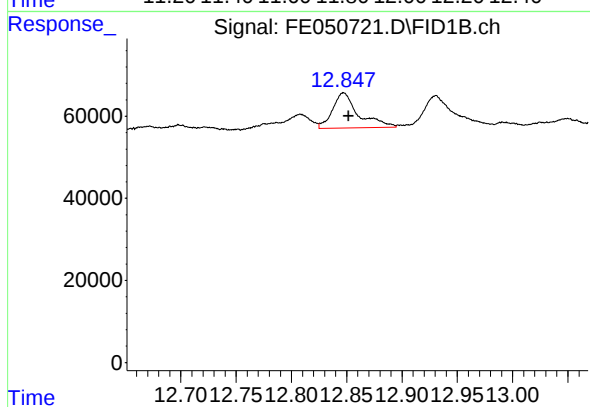
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.004 min
Response: 80272
Conc: 0.55 ug/ml



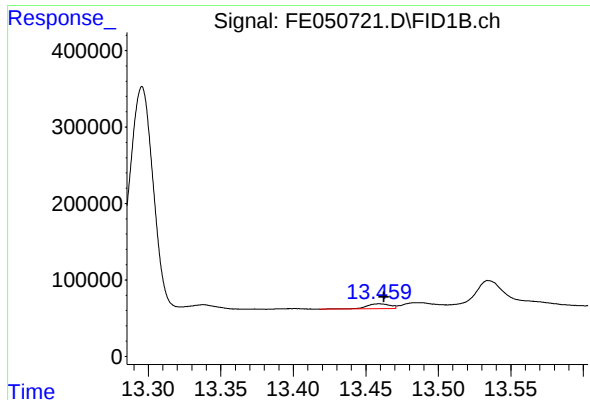
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.003 min
Response: 4387386
Conc: 27.83 ug/ml



#10 n-Eicosane (C20)

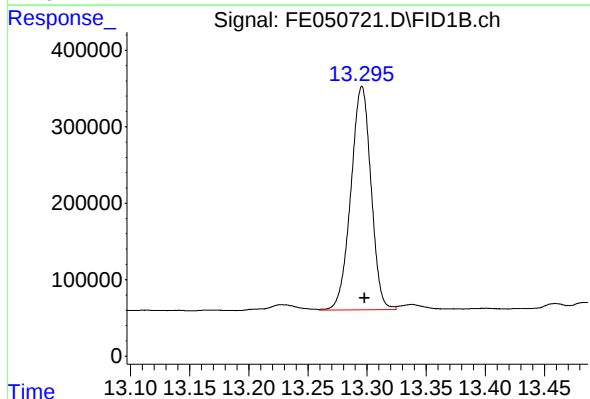
R.T.: 12.847 min
Delta R.T.: -0.004 min
Response: 138646
Conc: 0.97 ug/ml



#11 n-Heneicosane (C21)

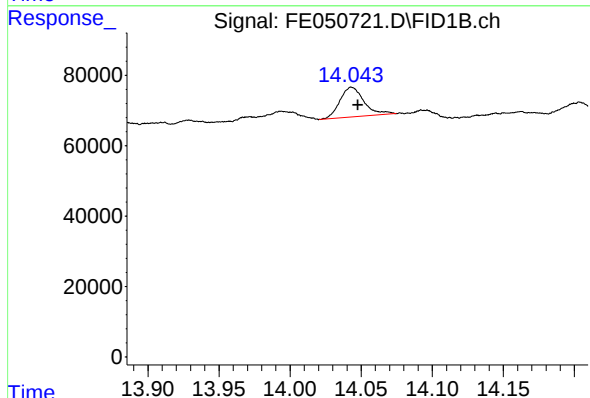
R.T.: 13.459 min
Delta R.T.: -0.003 min
Response: 76337
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :



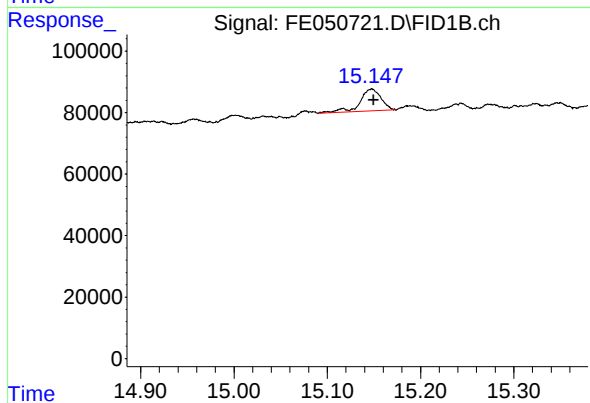
#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 3473099
Conc: 29.36 ug/ml



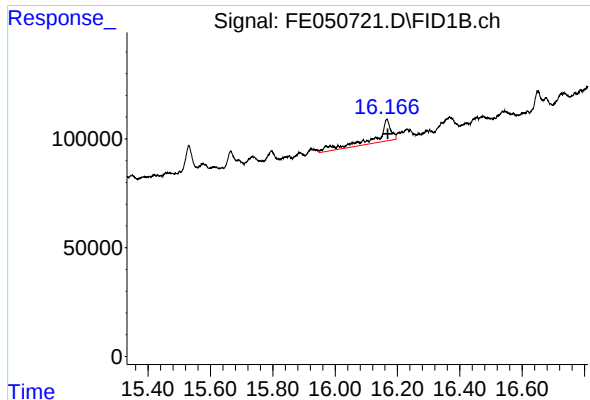
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.004 min
Response: 99226
Conc: 0.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 111907
Conc: 0.79 ug/ml



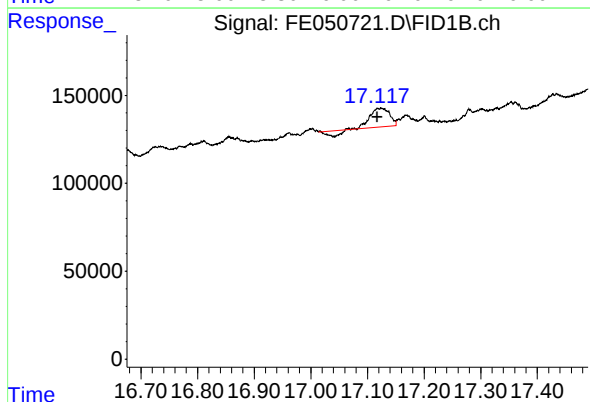
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.003 min
Response: 337242
Conc: 2.40 ug/ml

Instrument :

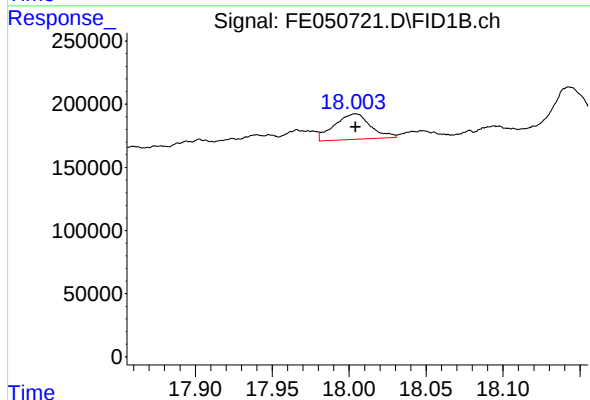
FID_E

ClientSampleId :



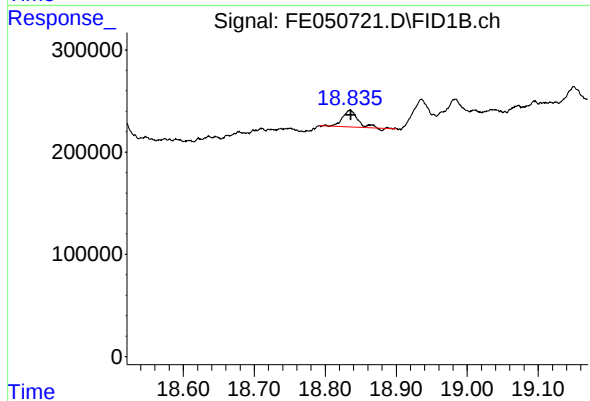
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: 0.006 min
Response: 223008
Conc: 1.52 ug/ml



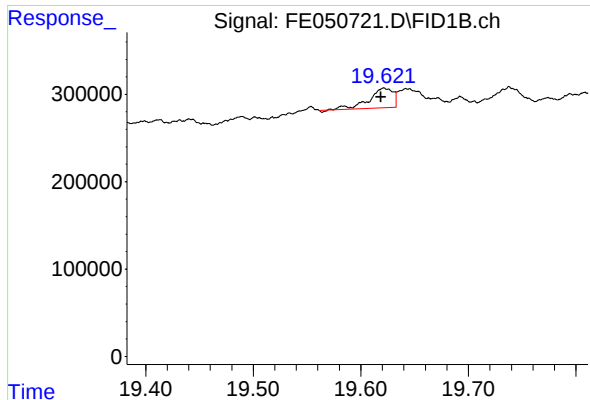
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 333890
Conc: 2.10 ug/ml



#18 n-Dotriacontane (C32)

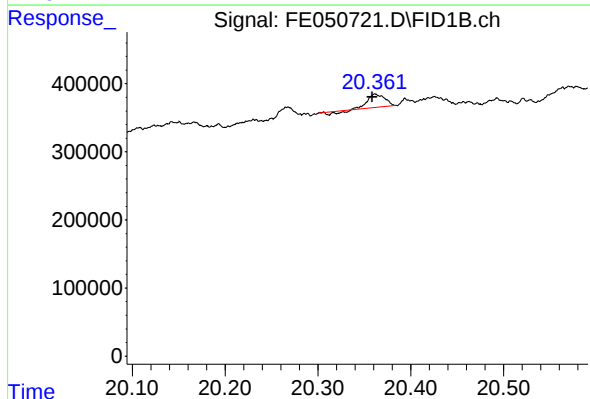
R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 235752
Conc: 1.45 ug/ml



#19 n-Tetratriacontane (C34)

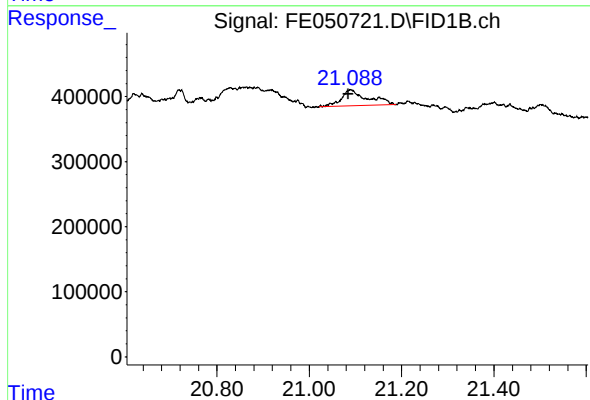
R.T.: 19.622 min
Delta R.T.: 0.003 min
Response: 336512
Conc: 2.29 ug/ml

Instrument :
FID_E
ClientSampleId :



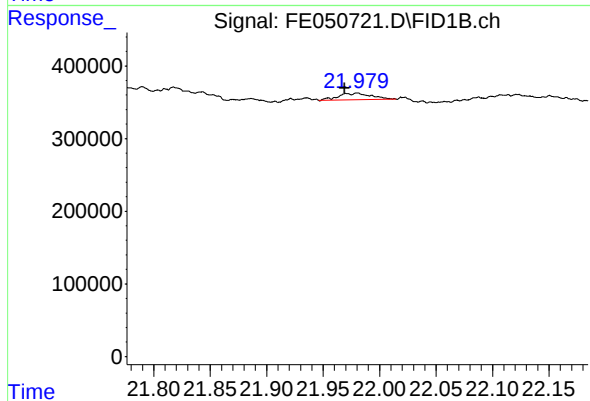
#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: 0.004 min
Response: 215973
Conc: 1.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: 0.005 min
Response: 956631
Conc: 7.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: 0.011 min
Response: 179252
Conc: 1.61 ug/ml