

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049048.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 19:33
 Operator : YP\AJ
 Sample : P3183-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 11 04:14:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.925	5240760	31.342 ug/ml
Spiked Amount 50.000		Recovery =	62.68%
12) S 1-chlorooctadecane (S...	13.373	19741042	153.520 ug/ml
Spiked Amount 50.000		Recovery =	307.04%
Target Compounds			
4) T n-Dodecane (C12)	6.721	68007	0.441 ug/ml
6) T n-Tetradecane (C14)	8.552	126902	0.828 ug/ml
7) T n-Hexadecane (C16)	10.158	146743	0.939 ug/ml
8) T n-Octadecane (C18)	11.628	126810	0.795 ug/ml
10) T n-Eicosane (C20)	12.964	169746570	1094.888 ug/ml
11) T n-Heneicosane (C21)	13.556	22283002	146.344 ug/ml
13) T n-Docosane (C22)	14.129	23833144	157.592 ug/ml
14) T n-Tetracosane (C24)	15.228	55417912	368.765 ug/ml
15) T n-Hexacosane (C26)	16.216	24696567	167.284 ug/ml
16) T n-Octacosane (C28)	17.171	8684317	60.218 ug/ml
17) T n-Tricontane (C30)	18.045	2287569	15.636 ug/ml
18) T n-Dotriacontane (C32)	18.901	86372	0.604 ug/ml
19) T n-Tetratriacontane (C34)	19.663	451060	3.260 ug/ml
22) T n-Tetracontane (C40)	22.055	153382	1.253 ug/ml

(f)=RT Delta > 1/2 Window

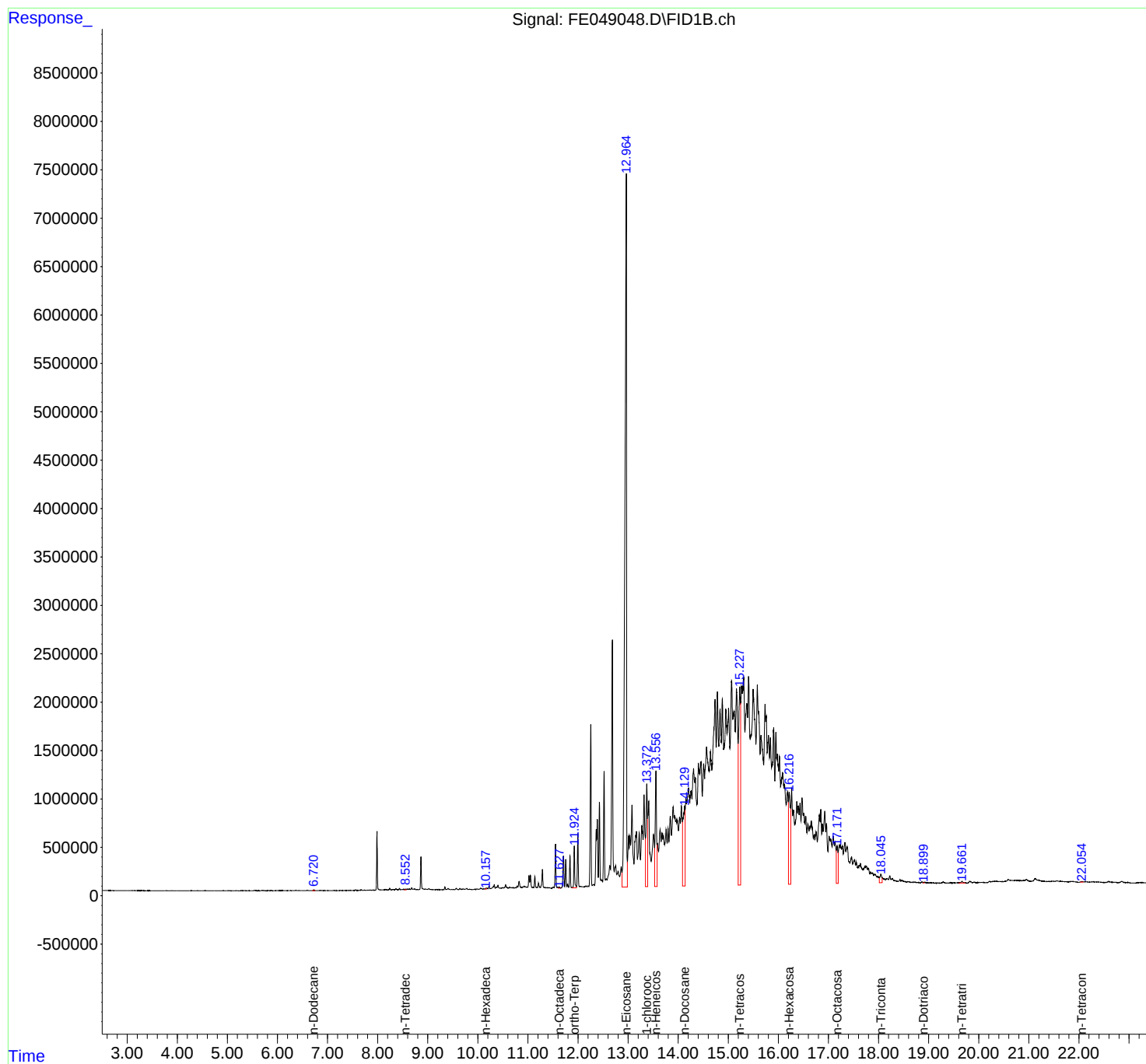
(m)=manual int.

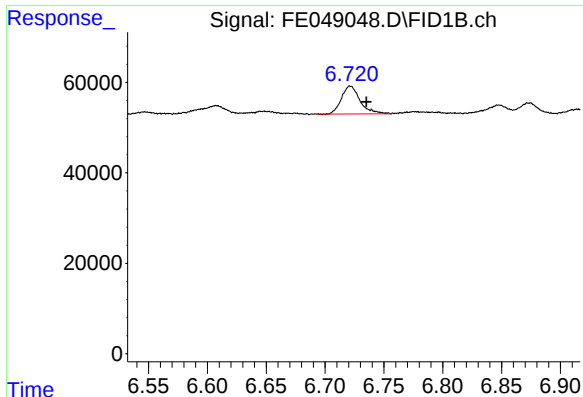
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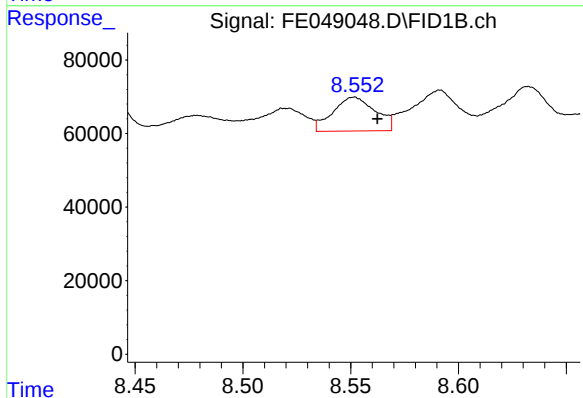




#4 n-Dodecane (C12)

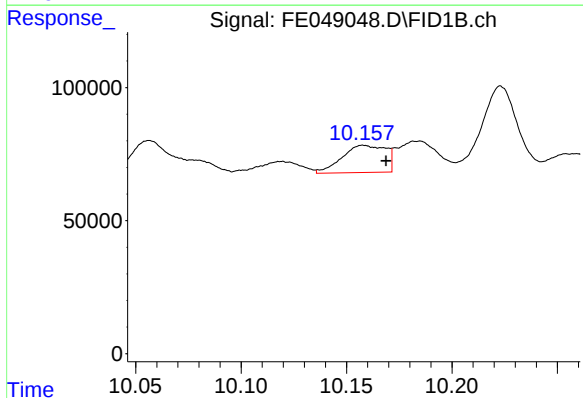
R.T.: 6.721 min
Delta R.T.: -0.014 min
Response: 68007
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



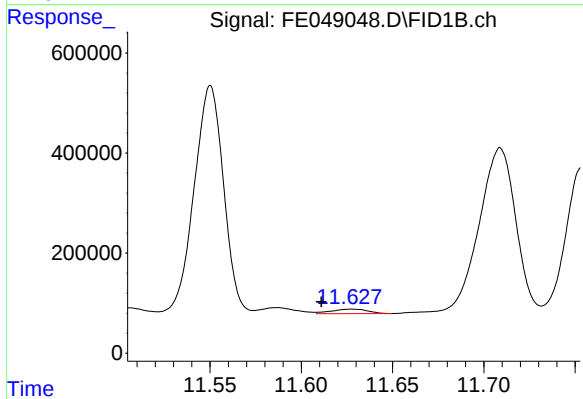
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.011 min
Response: 126902
Conc: 0.83 ug/ml



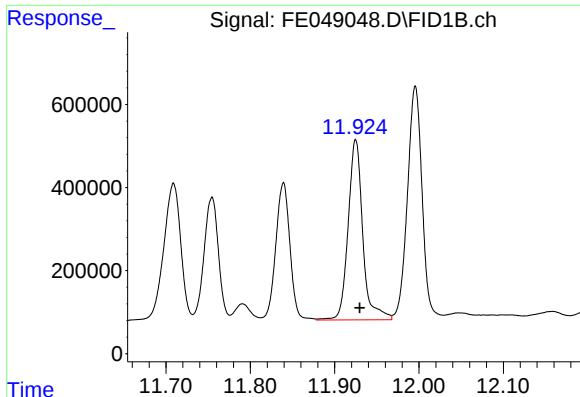
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.011 min
Response: 146743
Conc: 0.94 ug/ml



#8 n-Octadecane (C18)

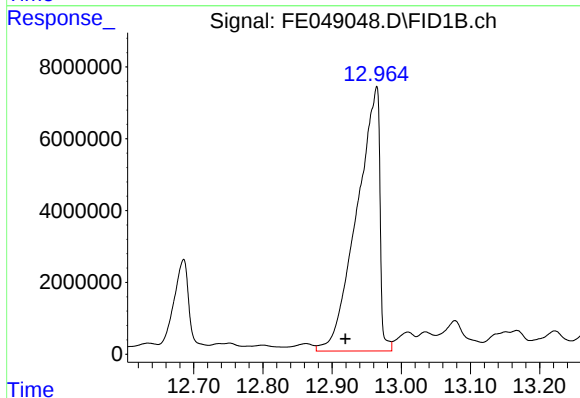
R.T.: 11.628 min
Delta R.T.: 0.016 min
Response: 126810
Conc: 0.80 ug/ml



#9 ortho-Terphenyl (SURR)

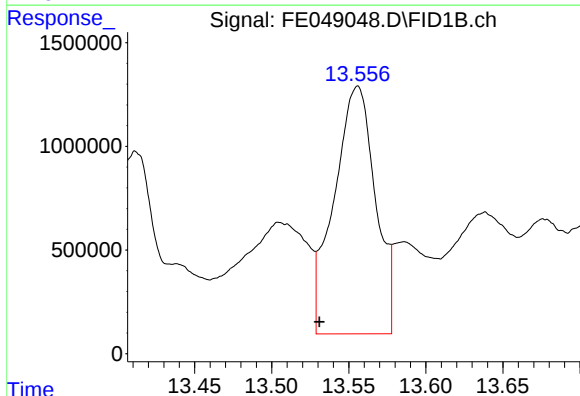
R.T.: 11.925 min
Delta R.T.: -0.005 min
Response: 5240760
Conc: 31.34 ug/ml

Instrument :
FID_E
ClientSampleId :



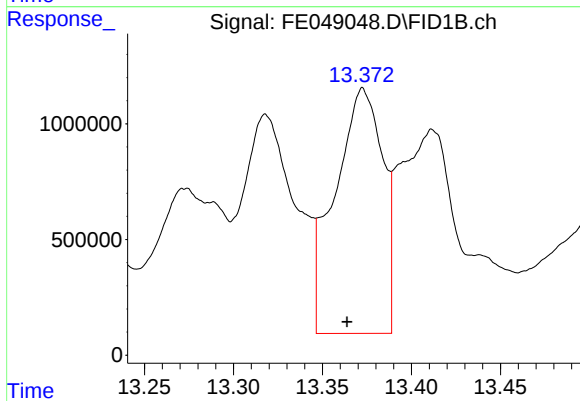
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.045 min
Response: 169746570
Conc: 1094.89 ug/ml



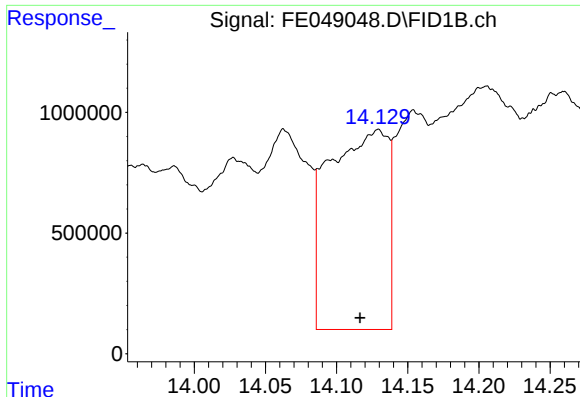
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.025 min
Response: 22283002
Conc: 146.34 ug/ml



#12 1-chlorooctadecane (SURR)

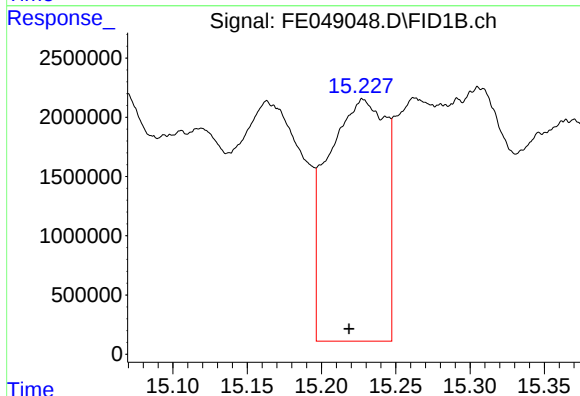
R.T.: 13.373 min
Delta R.T.: 0.009 min
Response: 19741042
Conc: 153.52 ug/ml



#13 n-Docosane (C22)

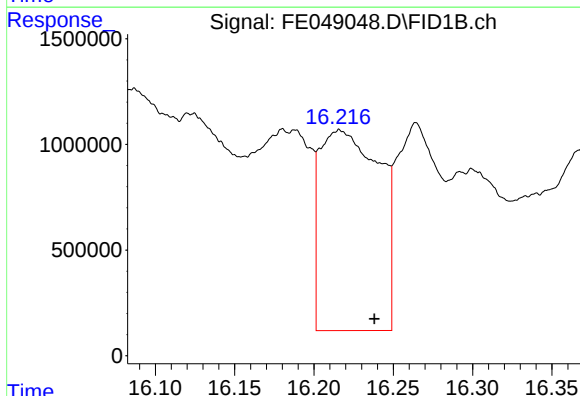
R.T.: 14.129 min
Delta R.T.: 0.013 min
Response: 23833144
Conc: 157.59 ug/ml

Instrument :
FID_E
ClientSampleId :



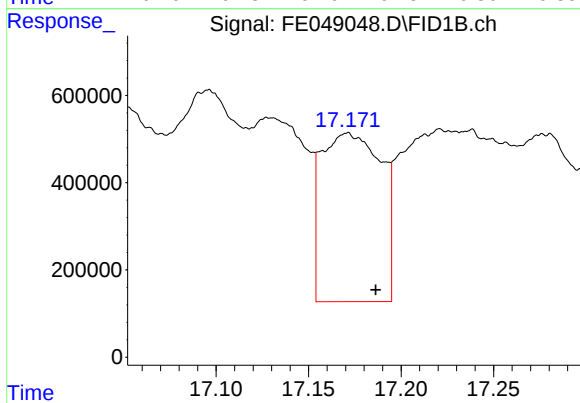
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.010 min
Response: 55417912
Conc: 368.77 ug/ml



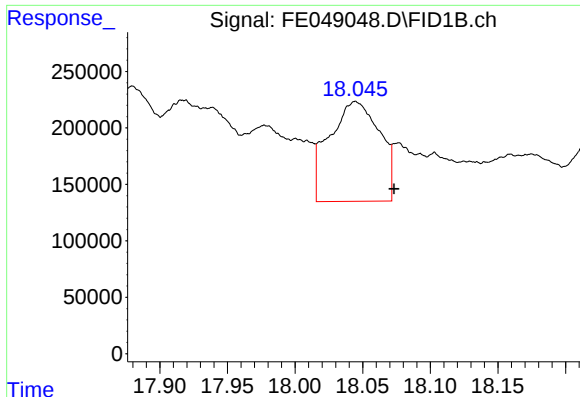
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.022 min
Response: 24696567
Conc: 167.28 ug/ml



#16 n-Octacosane (C28)

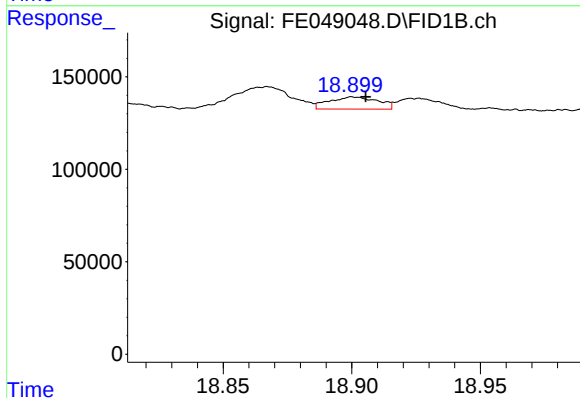
R.T.: 17.171 min
Delta R.T.: -0.015 min
Response: 8684317
Conc: 60.22 ug/ml



#17 n-Tricontane (C30)

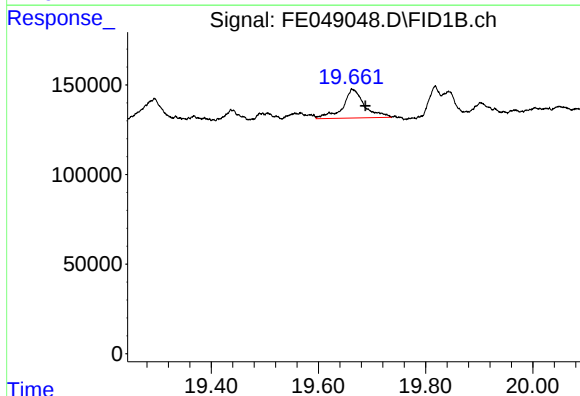
R.T.: 18.045 min
Delta R.T.: -0.029 min
Response: 2287569
Conc: 15.64 ug/ml

Instrument :
FID_E
ClientSampleId :



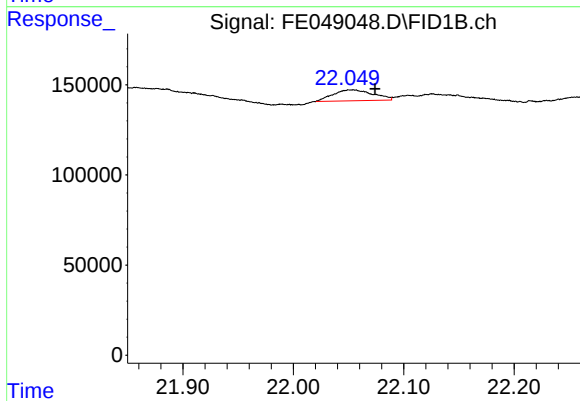
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.005 min
Response: 86372
Conc: 0.60 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.025 min
Response: 451060
Conc: 3.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.055 min
Delta R.T.: -0.020 min
Response: 153382
Conc: 1.25 ug/ml