

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090723AL\
 Data File : FE044141.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2023 00:16
 Operator : YP\AJ
 Sample : 04321-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 08 01:18:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.945	23527757	124.189 ug/ml
Spiked Amount 50.000		Recovery =	248.38%
12) S 1-chlorooctadecane (S...	13.383	12918141	93.510 ug/ml
Spiked Amount 50.000		Recovery =	187.02%
Target Compounds			
1) T n-Nonane (C9)	3.263f	68831	0.422 ug/ml
6) T n-Tetradecane (C14)	8.566	426524	2.543 ug/ml
7) T n-Hexadecane (C16)	10.179	4646944	26.886 ug/ml
8) T n-Octadecane (C18)	11.633	4932887	28.338 ug/ml
10) T n-Eicosane (C20)	12.939	9114233	55.101 ug/ml
11) T n-Heneicosane (C21)	13.556	3220150	19.908 ug/ml
13) T n-Docosane (C22)	14.140	3910027	24.474 ug/ml
14) T n-Tetracosane (C24)	15.231	725393	4.639 ug/ml
15) T n-Hexacosane (C26)	16.216	127304	0.844 ug/ml
16) T n-Octacosane (C28)	17.208	143800	0.996 ug/ml
17) T n-Tricontane (C30)	18.096	131303	0.904 ug/ml
18) T n-Dotriacontane (C32)	18.923	248688	1.746 ug/ml
19) T n-Tetratriacontane (C34)	19.752	1928102	13.778 ug/ml

(f)=RT Delta > 1/2 Window

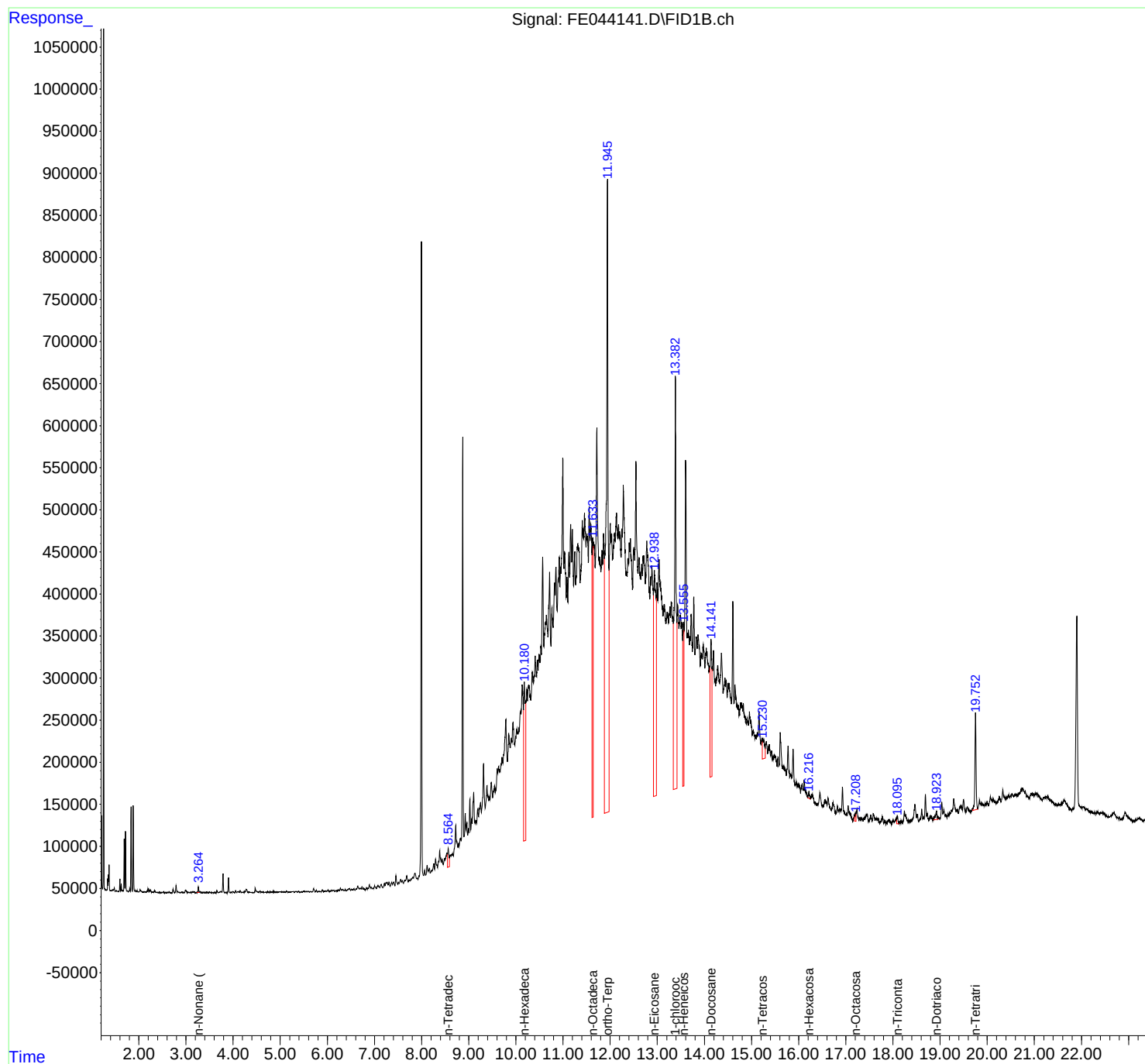
(m)=manual int.

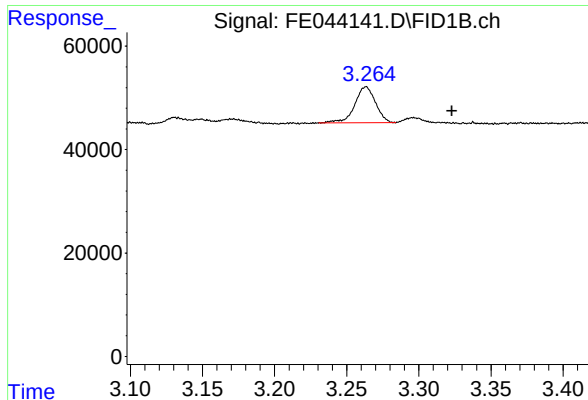
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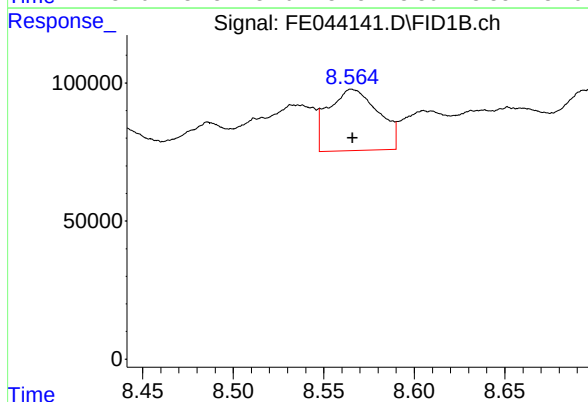
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: -0.060 min
Response: 68831
Conc: 0.42 ug/ml

Instrument :

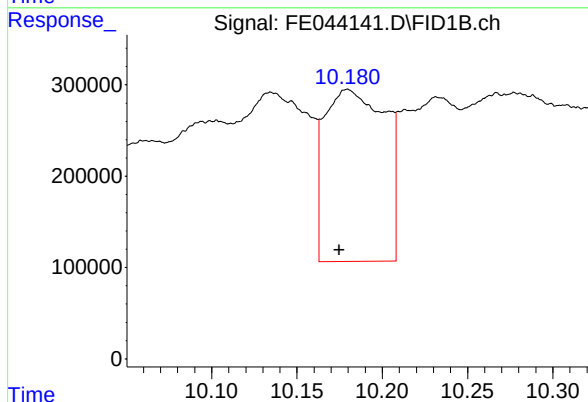
FID_E

ClientSampleId :



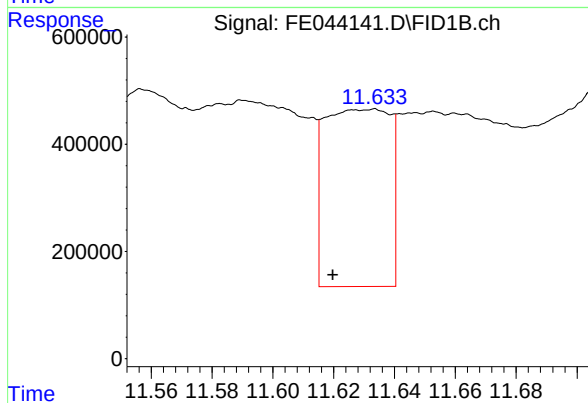
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 426524
Conc: 2.54 ug/ml



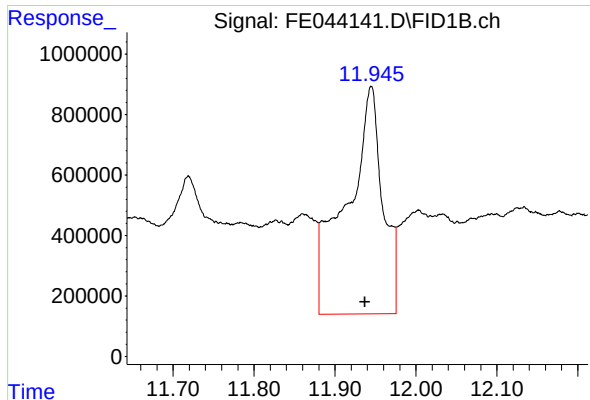
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.005 min
Response: 4646944
Conc: 26.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: 0.013 min
Response: 4932887
Conc: 28.34 ug/ml



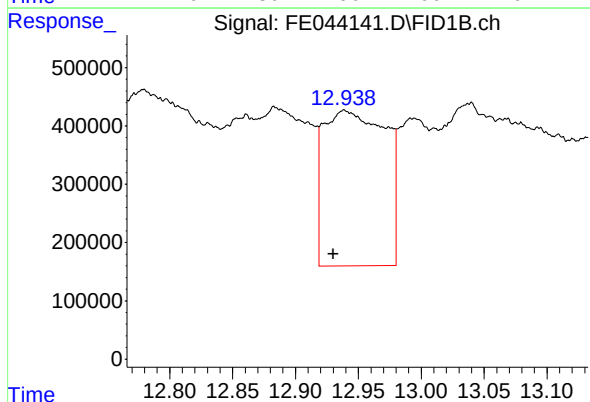
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.008 min
Response: 23527757
Conc: 124.19 ug/ml

Instrument :

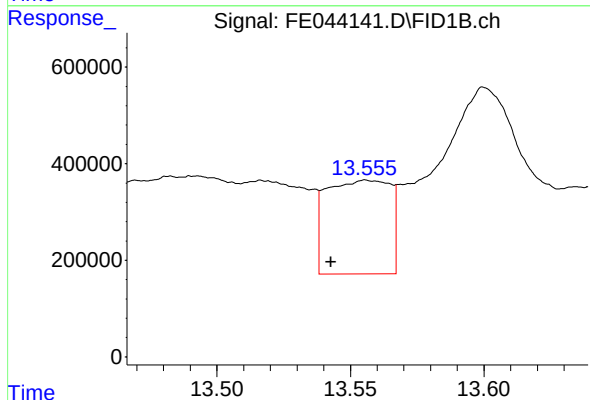
FID_E

ClientSampleId :



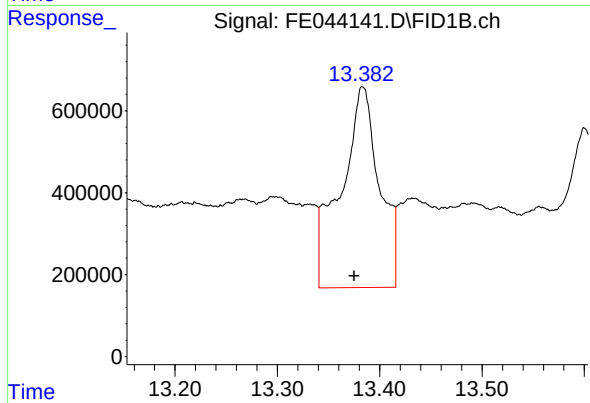
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.009 min
Response: 9114233
Conc: 55.10 ug/ml



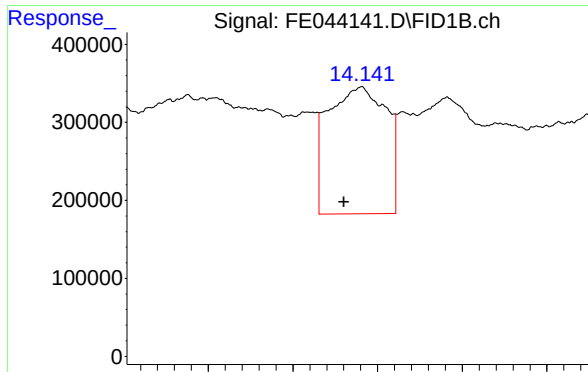
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.013 min
Response: 3220150
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

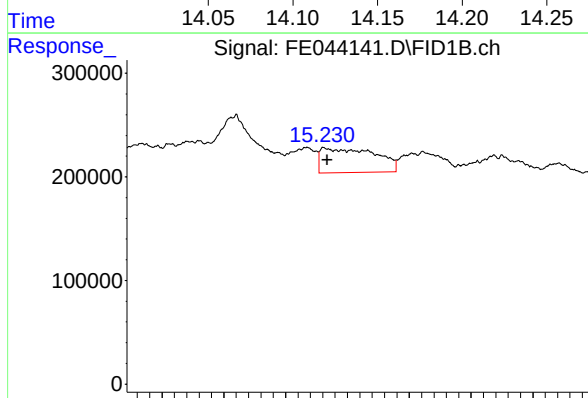
R.T.: 13.383 min
Delta R.T.: 0.008 min
Response: 12918141
Conc: 93.51 ug/ml



#13 n-Docosane (C22)

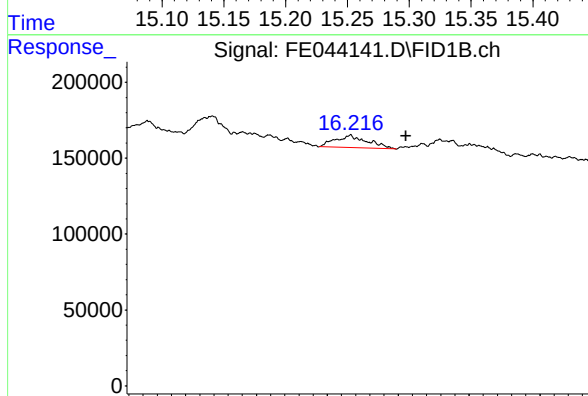
R.T.: 14.140 min
Delta R.T.: 0.010 min
Response: 3910027
Conc: 24.47 ug/ml

Instrument :
FID_E
ClientSampleId :



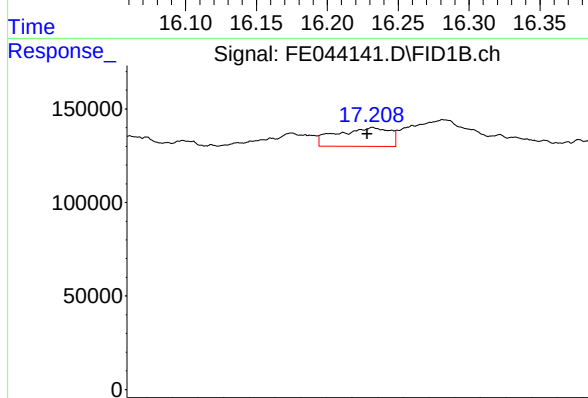
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.003 min
Response: 725393
Conc: 4.64 ug/ml



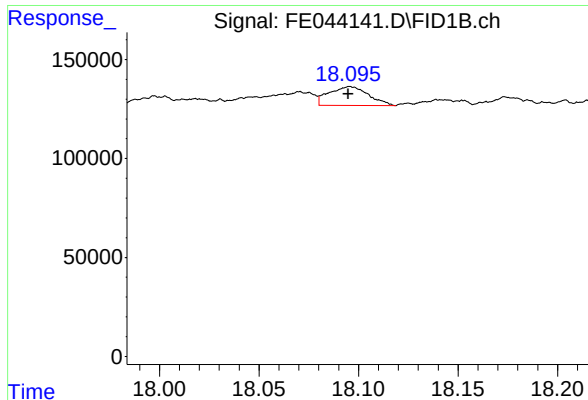
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.039 min
Response: 127304
Conc: 0.84 ug/ml



#16 n-Octacosane (C28)

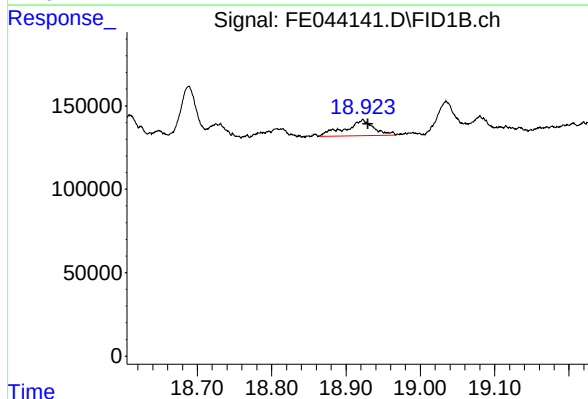
R.T.: 17.208 min
Delta R.T.: 0.002 min
Response: 143800
Conc: 1.00 ug/ml



#17 n-Tricontane (C30)

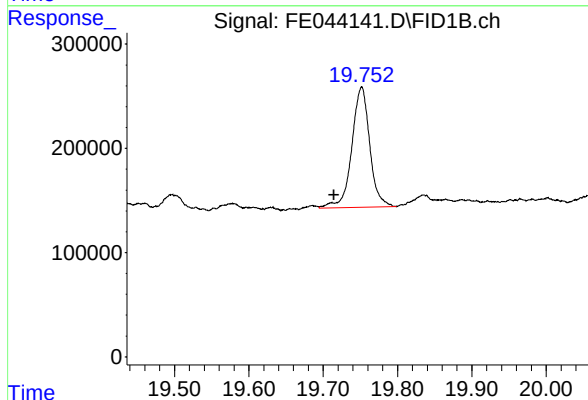
R.T.: 18.096 min
Delta R.T.: 0.001 min
Response: 131303
Conc: 0.90 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.007 min
Response: 248688
Conc: 1.75 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.037 min
Response: 1928102
Conc: 13.78 ug/ml