

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091123AL\
 Data File : FE044198.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2023 21:26
 Operator : YP\AJ
 Sample : 04363-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 12 01:58:13 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)	11.937	16160427	85.302 ug/ml
Spiked Amount 50.000		Recovery =	170.60%
12) S 1-chlorooctadecane (S...	13.377	12884750	93.268 ug/ml
Spiked Amount 50.000		Recovery =	186.54%
Target Compounds			
1) T n-Nonane (C9)	3.259f	94022	0.576 ug/ml
6) T n-Tetradecane (C14)	8.549	223776	1.334 ug/ml
7) T n-Hexadecane (C16)	10.172	1347463	7.796 ug/ml
8) T n-Octadecane (C18)	11.632	6434835	36.967 ug/ml
10) T n-Eicosane (C20)	12.942	3705196	22.400 ug/ml
11) T n-Heneicosane (C21)	13.554	3252841	20.110 ug/ml
13) T n-Docosane (C22)	14.130	5857040	36.661 ug/ml
14) T n-Tetracosane (C24)	15.202	549575	3.514 ug/ml
16) T n-Octacosane (C28)	17.196	266716	1.848 ug/ml
17) T n-Tricontane (C30)	18.087	246570	1.697 ug/ml
18) T n-Dotriacontane (C32)	18.913	242492	1.702 ug/ml
19) T n-Tetratriacontane (C34)	19.764	311403	2.225 ug/ml
20) T n-Hexatriacontane (C36)	20.448	50744	0.370 ug/ml

(f)=RT Delta > 1/2 Window

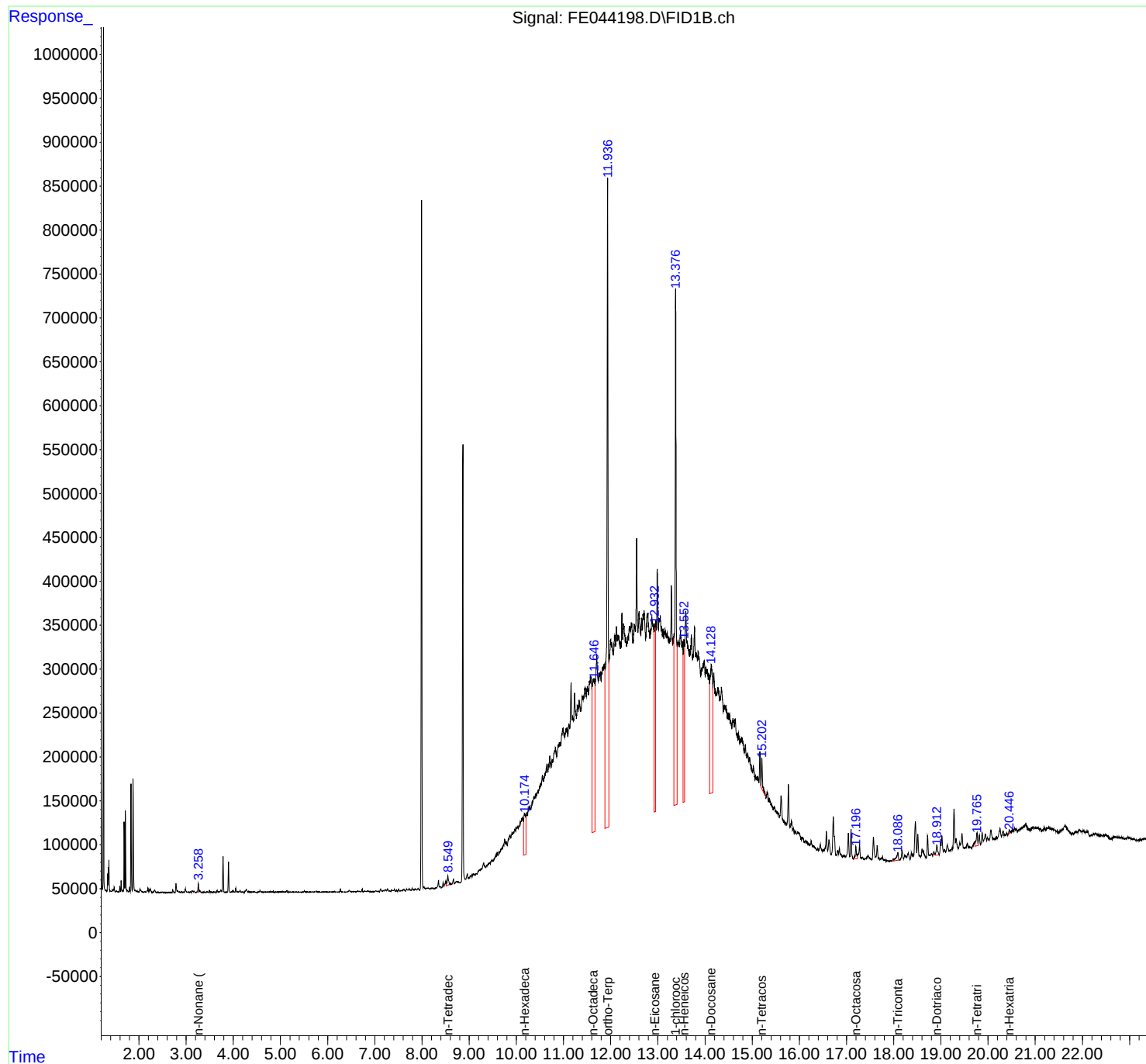
(m)=manual int.

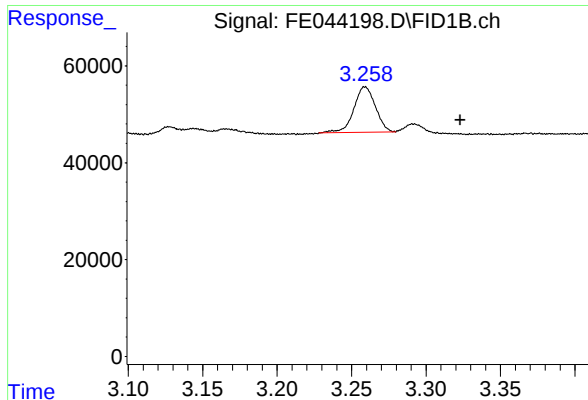
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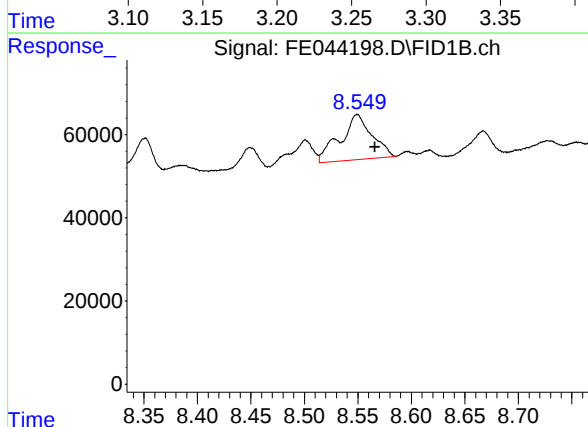




#1 n-Nonane (C9)

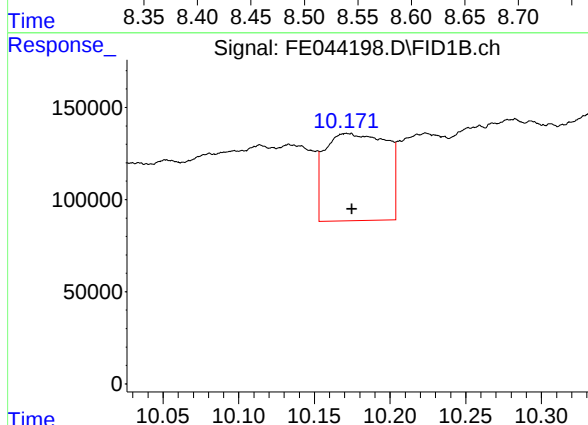
R.T.: 3.259 min
Delta R.T.: -0.064 min
Response: 94022
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :



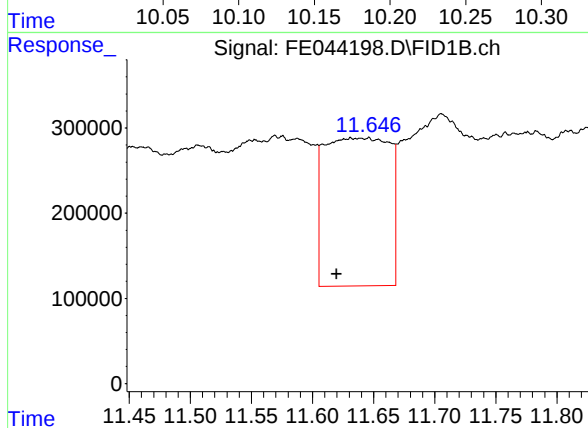
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.017 min
Response: 223776
Conc: 1.33 ug/ml



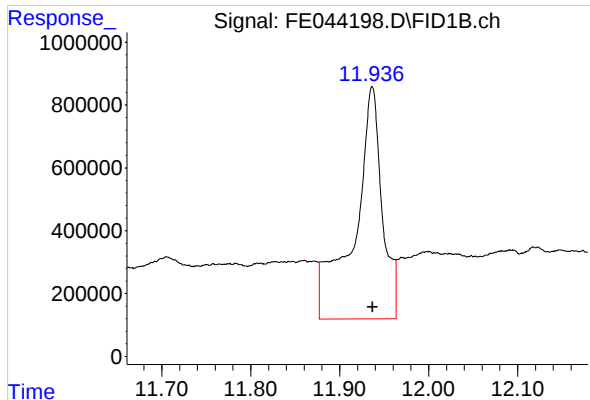
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.003 min
Response: 1347463
Conc: 7.80 ug/ml



#8 n-Octadecane (C18)

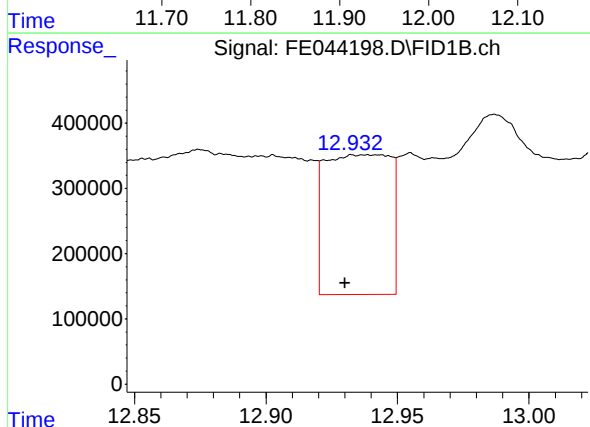
R.T.: 11.632 min
Delta R.T.: 0.012 min
Response: 6434835
Conc: 36.97 ug/ml



#9 ortho-Terphenyl (SURR)

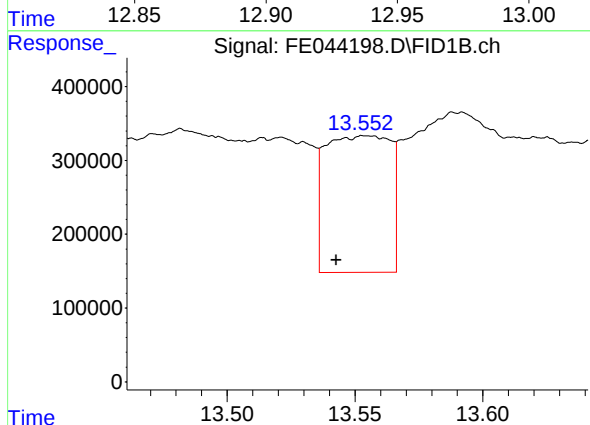
R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 16160427
Conc: 85.30 ug/ml

Instrument :
FID_E
ClientSampleId :



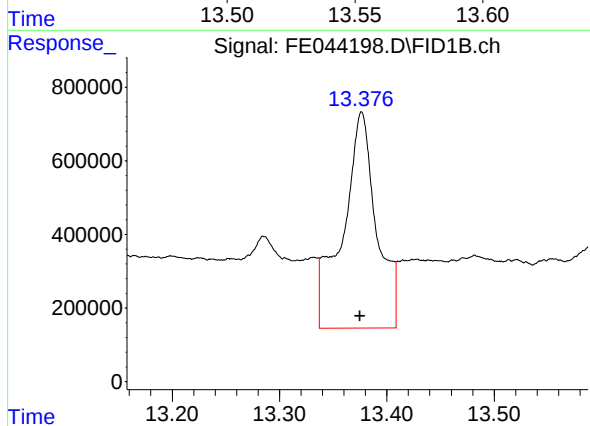
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.012 min
Response: 3705196
Conc: 22.40 ug/ml



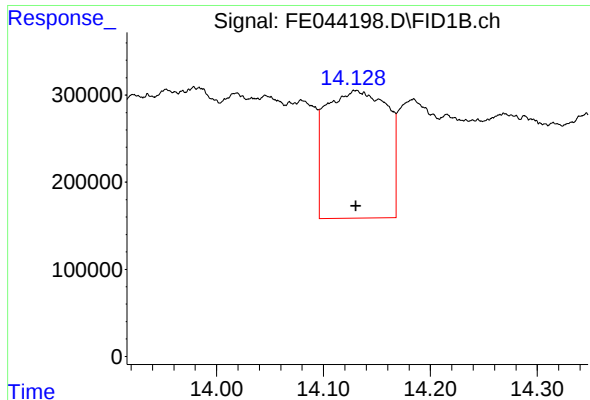
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.011 min
Response: 3252841
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

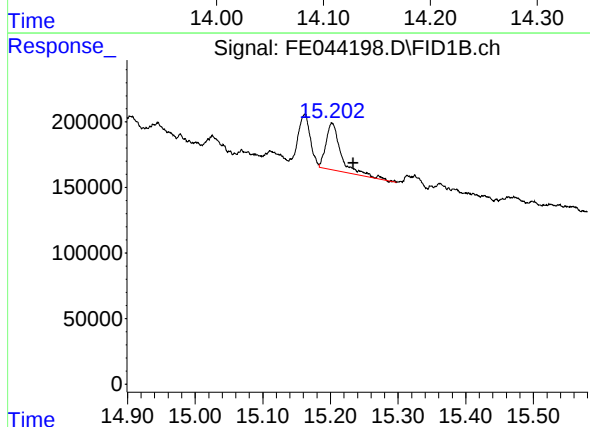
R.T.: 13.377 min
Delta R.T.: 0.002 min
Response: 12884750
Conc: 93.27 ug/ml



#13 n-Docosane (C22)

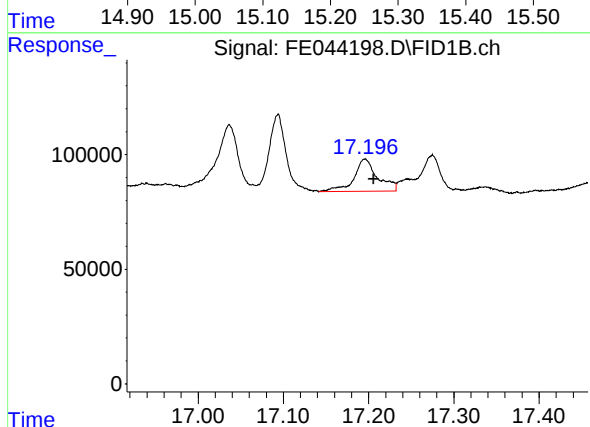
R.T.: 14.130 min
Delta R.T.: 0.000 min
Response: 5857040
Conc: 36.66 ug/ml

Instrument :
FID_E
ClientSampleId :



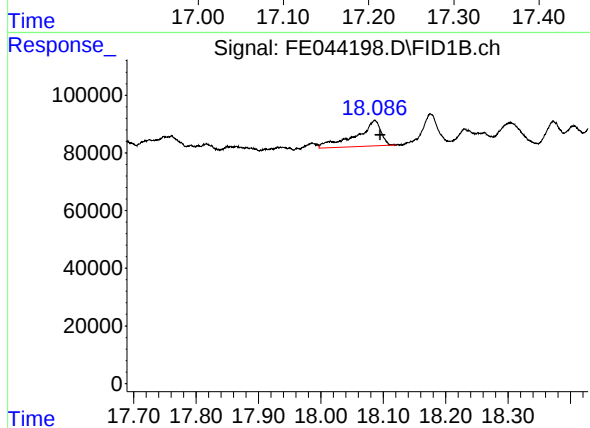
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.031 min
Response: 549575
Conc: 3.51 ug/ml



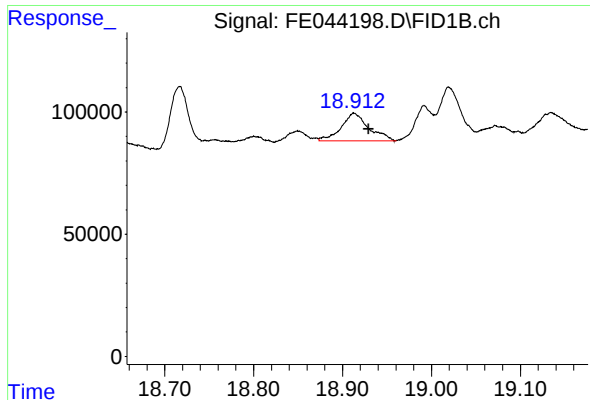
#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.010 min
Response: 266716
Conc: 1.85 ug/ml



#17 n-Tricontane (C30)

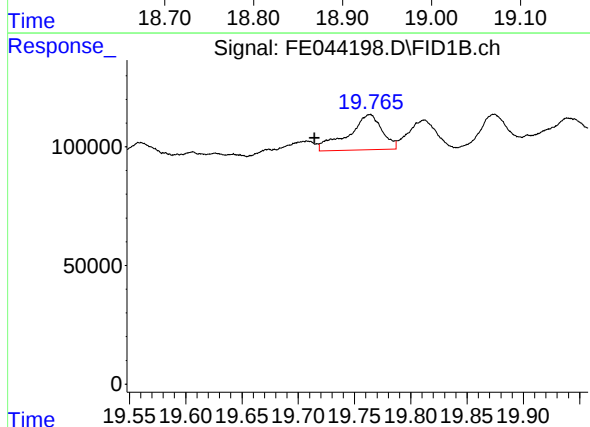
R.T.: 18.087 min
Delta R.T.: -0.008 min
Response: 246570
Conc: 1.70 ug/ml



#18 n-Dotriacontane (C32)

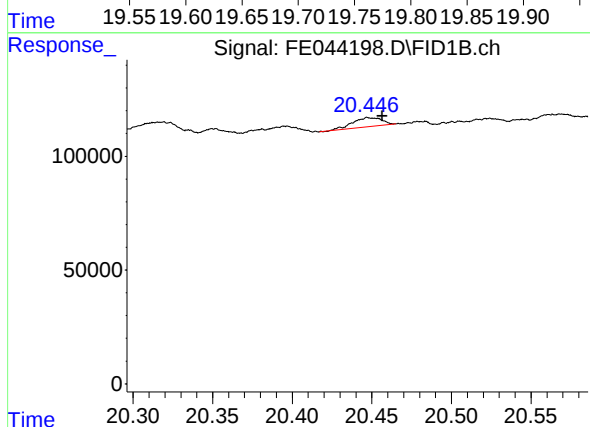
R.T.: 18.913 min
Delta R.T.: -0.017 min
Response: 242492
Conc: 1.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.049 min
Response: 311403
Conc: 2.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.009 min
Response: 50744
Conc: 0.37 ug/ml