

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044436.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 21:27
 Operator : YP\AJ
 Sample : 04582-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 00:19:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.925	5931347	31.594 ug/ml
Spiked Amount 50.000		Recovery =	63.19%
12) S 1-chlorooctadecane (S...	13.364	4612910	33.908 ug/ml
Spiked Amount 50.000		Recovery =	67.82%
Target Compounds			
1) T n-Nonane (C9)	3.255f	86767	0.534 ug/ml
4) T n-Dodecane (C12)	6.726	89285	0.537 ug/ml
7) T n-Hexadecane (C16)	10.161	75491	0.446 ug/ml
10) T n-Eicosane (C20)	12.917	120953	0.752 ug/ml
13) T n-Docosane (C22)	14.138	130537	0.846 ug/ml
14) T n-Tetracosane (C24)	15.192	105707	0.699 ug/ml
16) T n-Octacosane (C28)	17.213	216102	1.507 ug/ml
17) T n-Tricontane (C30)	18.085	360274	2.430 ug/ml
18) T n-Dotriacontane (C32)	18.915	197625	1.335 ug/ml
19) T n-Tetratriacontane (C34)	19.712	108581	0.743 ug/ml

(f)=RT Delta > 1/2 Window

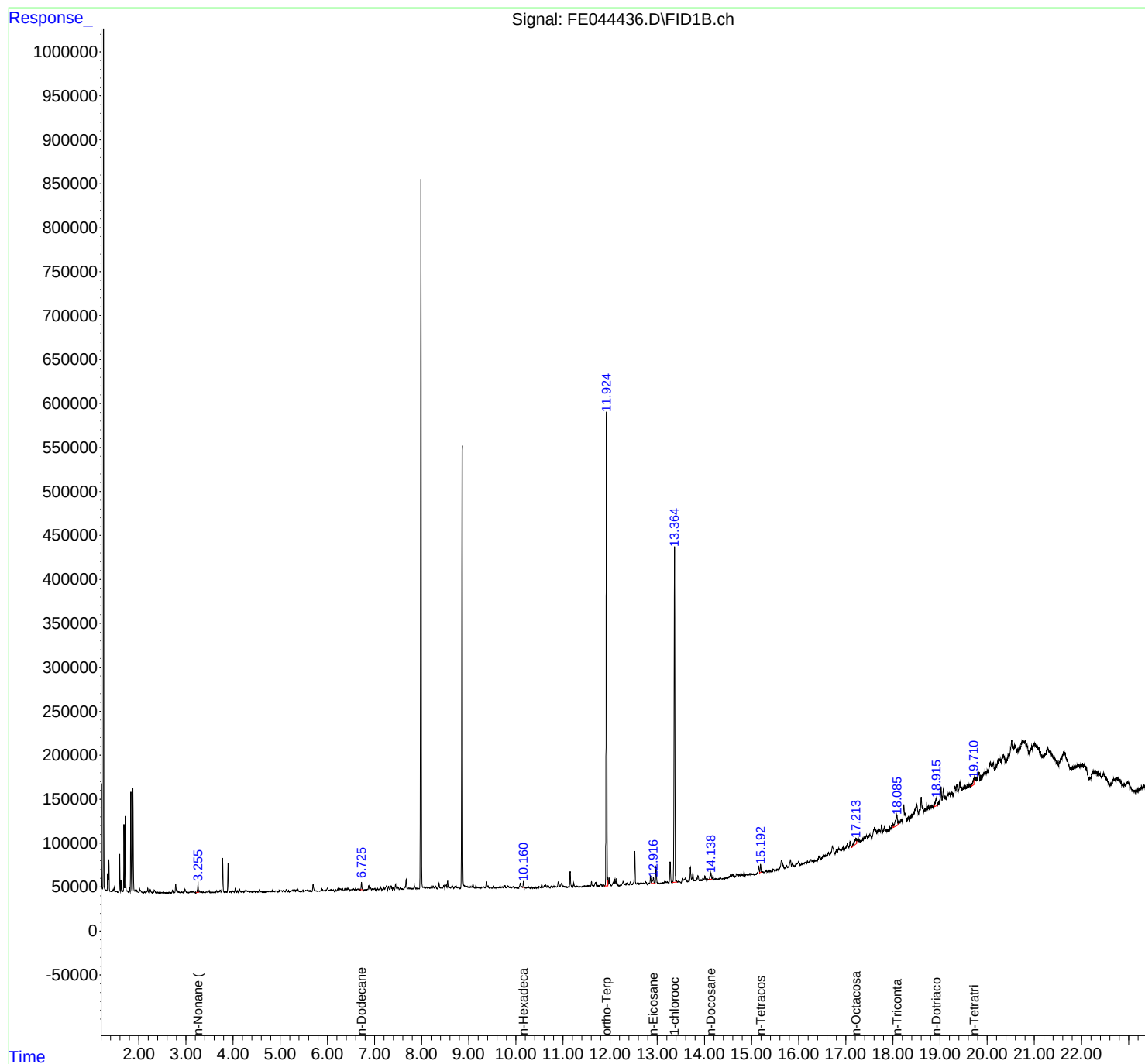
(m)=manual int.

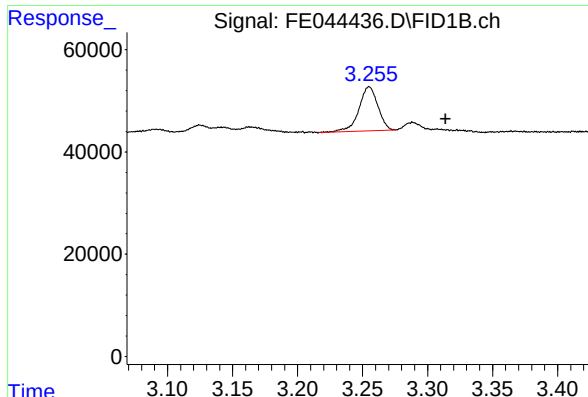
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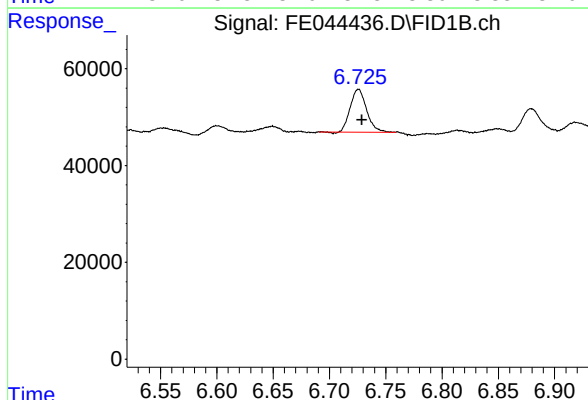
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.059 min
Response: 86767
Conc: 0.53 ug/ml

Instrument :

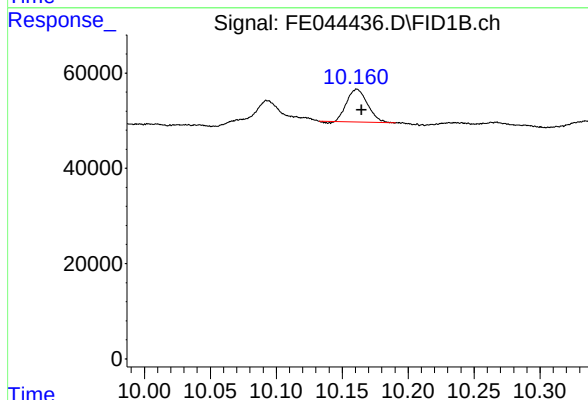
FID_E

ClientSampleId :



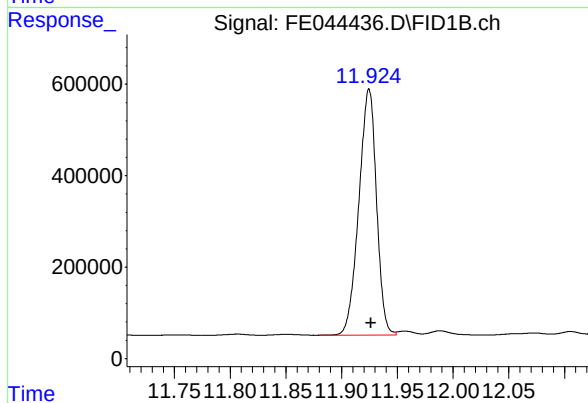
#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 89285
Conc: 0.54 ug/ml



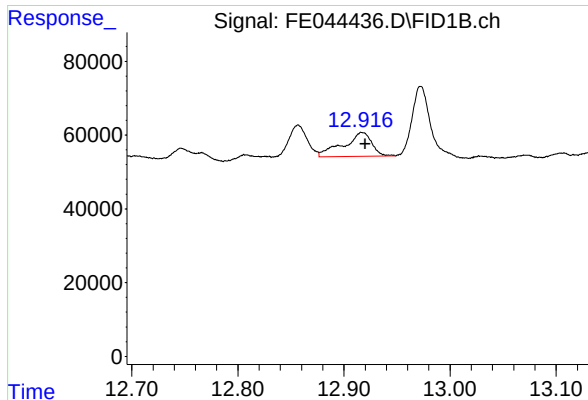
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 75491
Conc: 0.45 ug/ml



#9 ortho-Terphenyl (SURR)

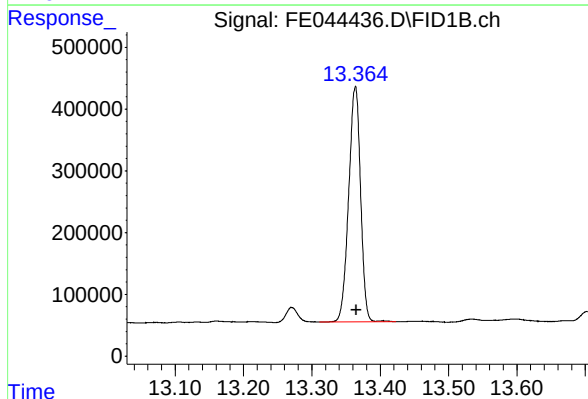
R.T.: 11.925 min
Delta R.T.: -0.002 min
Response: 5931347
Conc: 31.59 ug/ml



#10 n-Eicosane (C20)

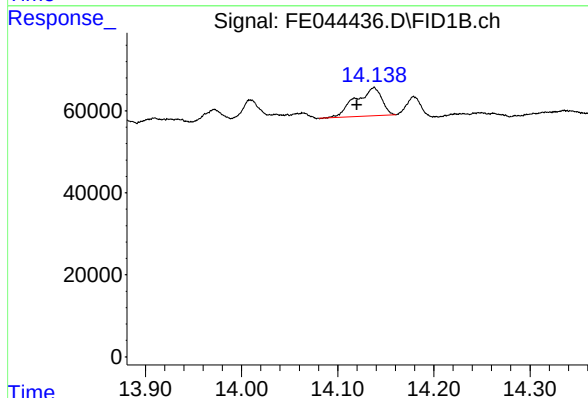
R.T.: 12.917 min
Delta R.T.: -0.003 min
Response: 120953
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :



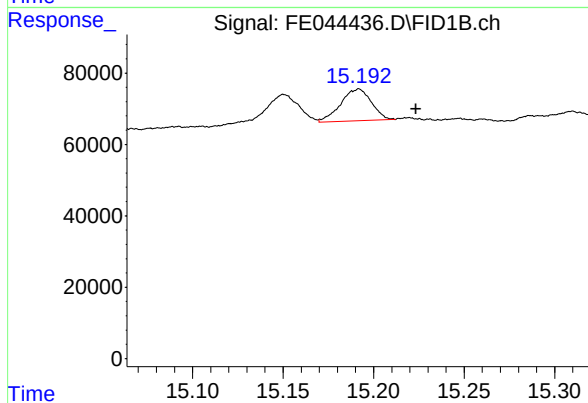
#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: -0.001 min
Response: 4612910
Conc: 33.91 ug/ml



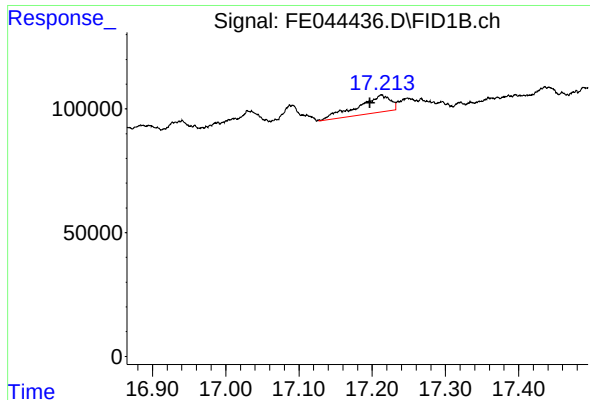
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: 0.018 min
Response: 130537
Conc: 0.85 ug/ml



#14 n-Tetracosane (C24)

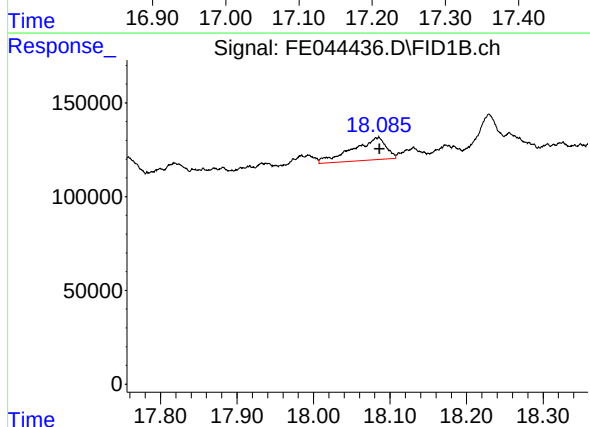
R.T.: 15.192 min
Delta R.T.: -0.032 min
Response: 105707
Conc: 0.70 ug/ml



#16 n-Octacosane (C28)

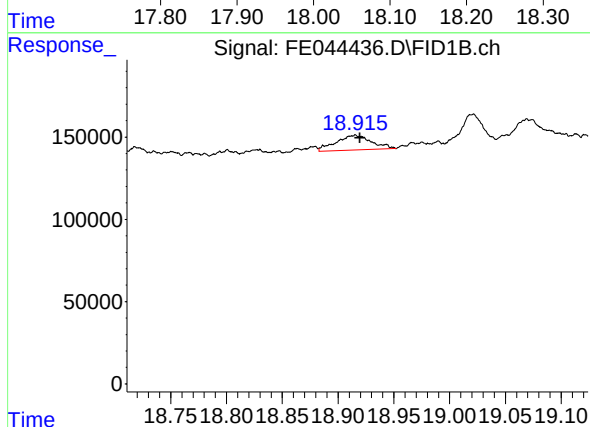
R.T.: 17.213 min
Delta R.T.: 0.016 min
Response: 216102
Conc: 1.51 ug/ml

Instrument :
FID_E
ClientSampleId :



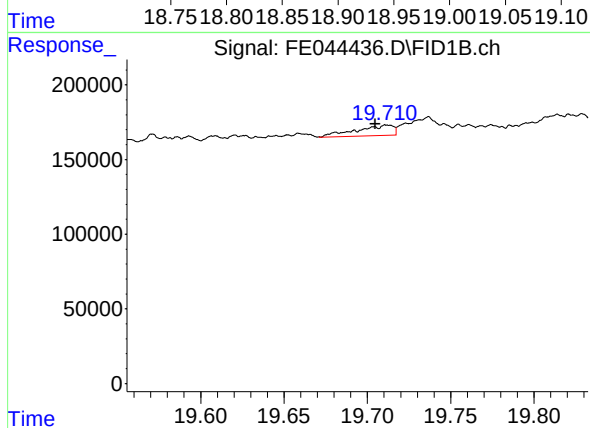
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.001 min
Response: 360274
Conc: 2.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.004 min
Response: 197625
Conc: 1.33 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.007 min
Response: 108581
Conc: 0.74 ug/ml