

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044438.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 22:27
 Operator : YP\AJ
 Sample : 04587-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 00:19:56 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)	11.926	6226401	33.165 ug/ml
Spiked Amount 50.000		Recovery =	66.33%
12) S 1-chlorooctadecane (S...	13.365	5459915	40.134 ug/ml
Spiked Amount 50.000		Recovery =	80.27%
Target Compounds			
1) T n-Nonane (C9)	3.255f	86435	0.532 ug/ml
7) T n-Hexadecane (C16)	10.171	145428	0.858 ug/ml
10) T n-Eicosane (C20)	12.922	93297	0.580 ug/ml
11) T n-Heneicosane (C21)	13.541	247318	1.579 ug/ml
13) T n-Docosane (C22)	14.141	574815	3.727 ug/ml
14) T n-Tetracosane (C24)	15.199	2248305	14.873 ug/ml
15) T n-Hexacosane (C26)	16.251	175149	1.191 ug/ml
16) T n-Octacosane (C28)	17.199	767810	5.353 ug/ml
17) T n-Tricontane (C30)	18.085	275318	1.857 ug/ml
18) T n-Dotriacontane (C32)	18.918	191081	1.291 ug/ml
19) T n-Tetratriacontane (C34)	19.736	354633	2.427 ug/ml
20) T n-Hexatriacontane (C36)	20.489	392325	2.705 ug/ml
21) T n-Octatriacontane (C38)	21.192	124779	0.833 ug/ml

(f)=RT Delta > 1/2 Window

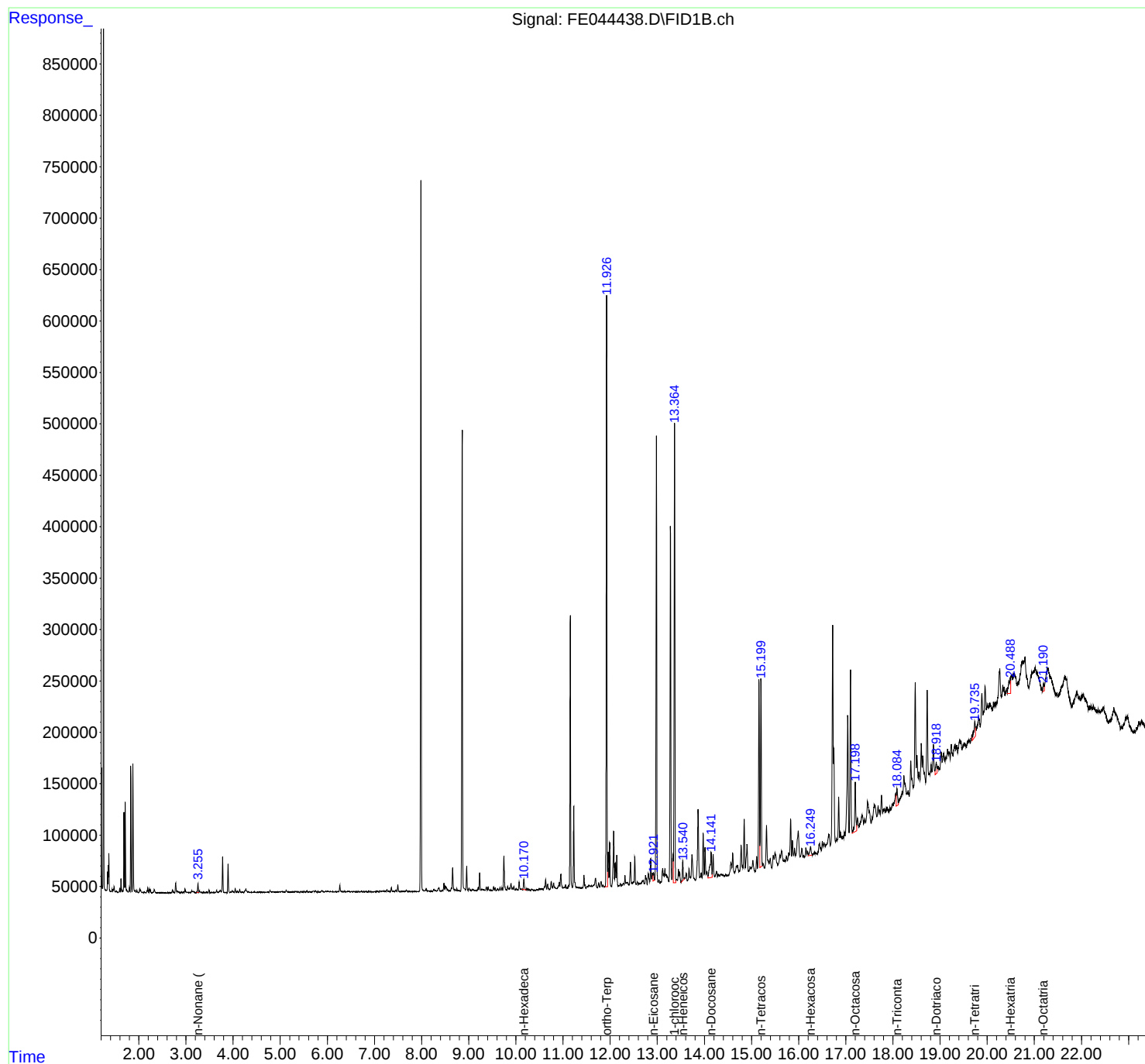
(m)=manual int.

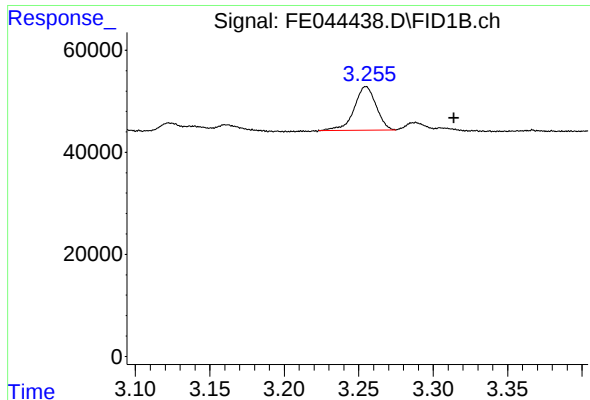
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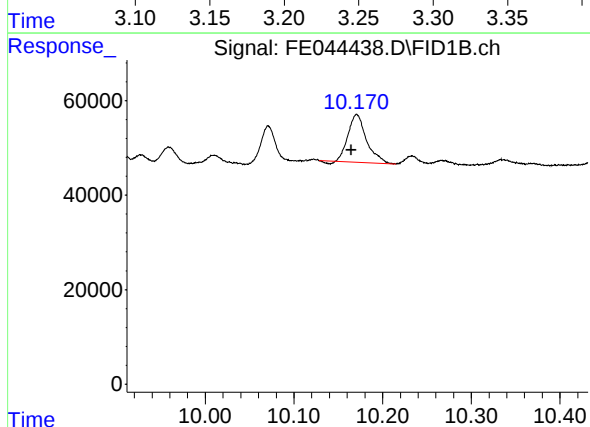




#1 n-Nonane (C9)

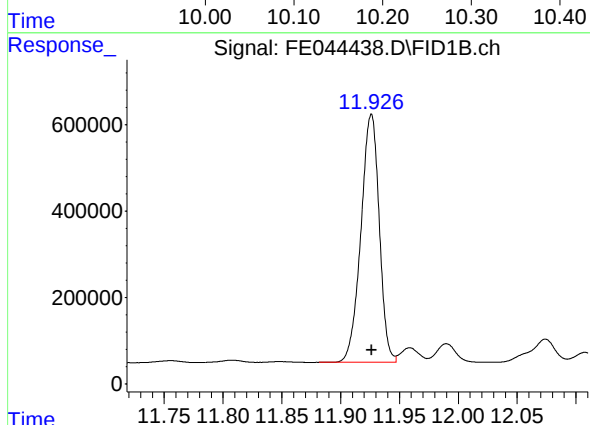
R.T.: 3.255 min
Delta R.T.: -0.059 min
Response: 86435
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



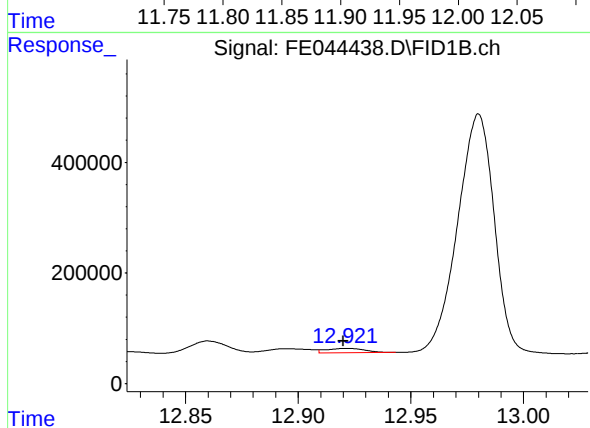
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.006 min
Response: 145428
Conc: 0.86 ug/ml



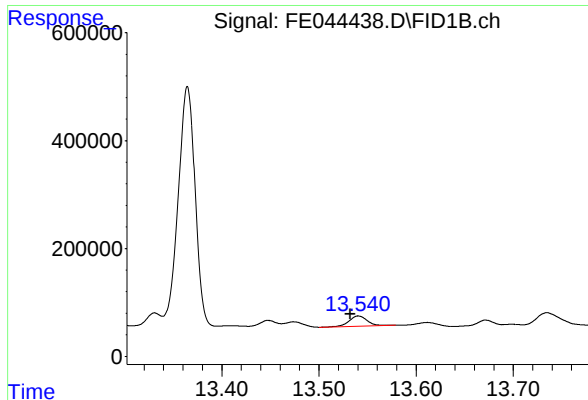
#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.000 min
Response: 6226401
Conc: 33.17 ug/ml



#10 n-Eicosane (C20)

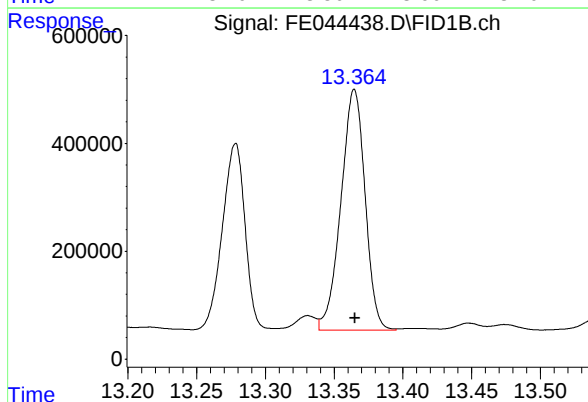
R.T.: 12.922 min
Delta R.T.: 0.001 min
Response: 93297
Conc: 0.58 ug/ml



#11 n-Heneicosane (C21)

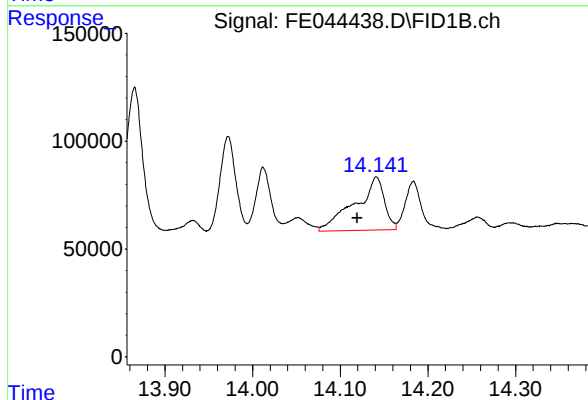
R.T.: 13.541 min
Delta R.T.: 0.008 min
Response: 247318
Conc: 1.58 ug/ml

Instrument :
FID_E
ClientSampleId :



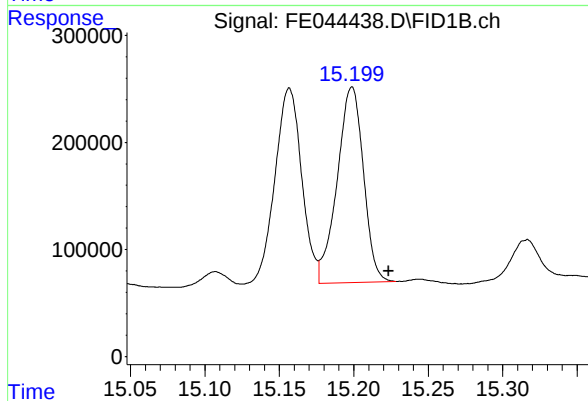
#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 5459915
Conc: 40.13 ug/ml



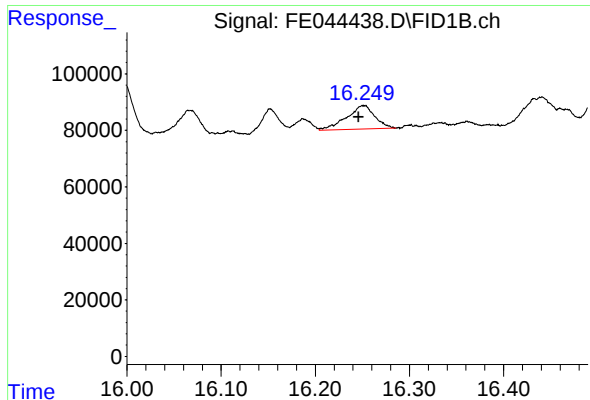
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.021 min
Response: 574815
Conc: 3.73 ug/ml



#14 n-Tetracosane (C24)

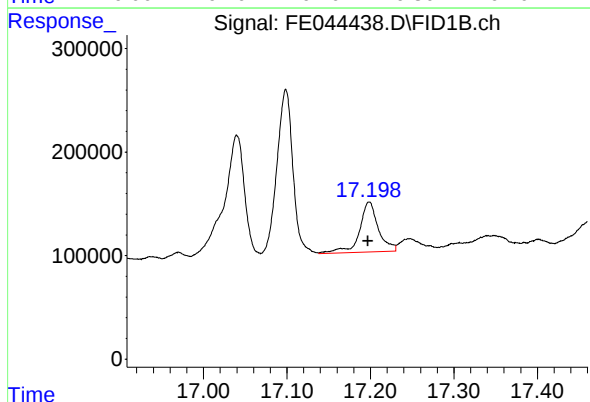
R.T.: 15.199 min
Delta R.T.: -0.025 min
Response: 2248305
Conc: 14.87 ug/ml



#15 n-Hexacosane (C26)

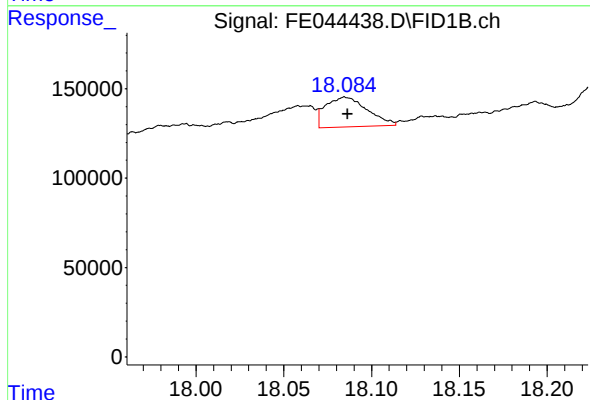
R.T.: 16.251 min
Delta R.T.: 0.005 min
Response: 175149
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :



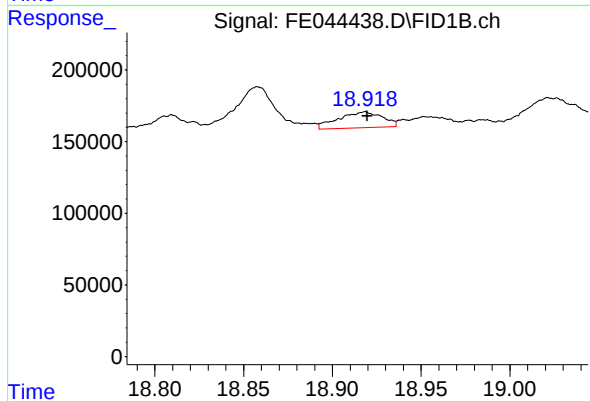
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.001 min
Response: 767810
Conc: 5.35 ug/ml



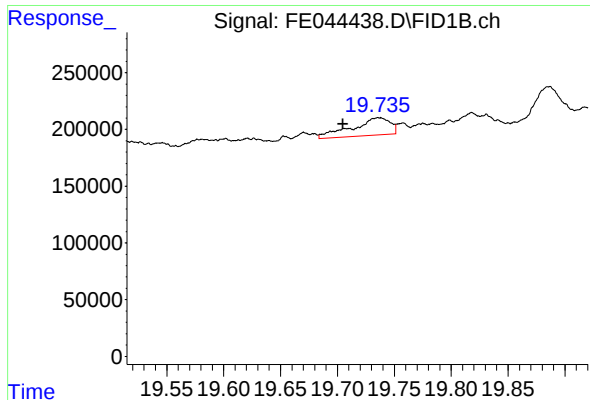
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.001 min
Response: 275318
Conc: 1.86 ug/ml



#18 n-Dotriacontane (C32)

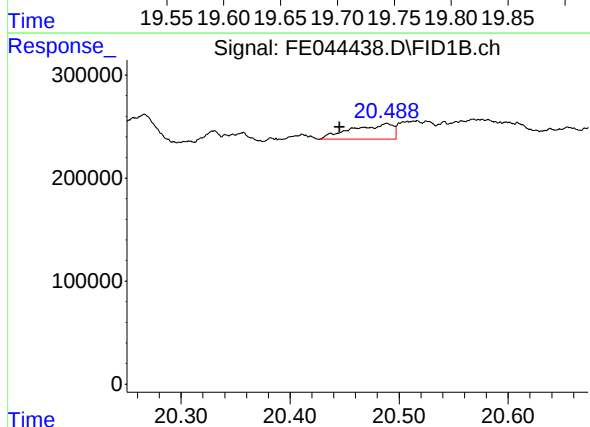
R.T.: 18.918 min
Delta R.T.: -0.001 min
Response: 191081
Conc: 1.29 ug/ml



#19 n-Tetratriacontane (C34)

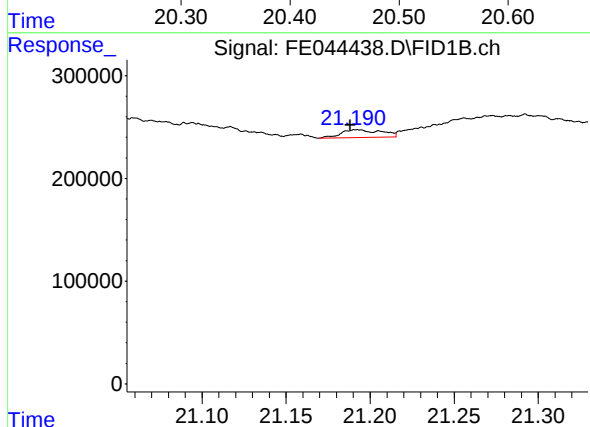
R.T.: 19.736 min
Delta R.T.: 0.031 min
Response: 354633
Conc: 2.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.489 min
Delta R.T.: 0.043 min
Response: 392325
Conc: 2.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.004 min
Response: 124779
Conc: 0.83 ug/ml