

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050259.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2024 23:25
 Operator : YP\AJ
 Sample : P4104-25
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 03:48:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.919	197833	1.330 ug/ml
Spiked Amount 50.000		Recovery =	2.66%
12) S 1-chlorooctadecane (S...	13.304	4304155	38.318 ug/ml
Spiked Amount 50.000		Recovery =	76.64%
Target Compounds			
2) T n-Decane (C10)	4.489	125649	0.910 ug/ml
3) T A~Naphthalene (C11.7)	6.230	495776	3.542 ug/ml
4) T n-Dodecane (C12)	6.713	688856	4.981 ug/ml
5) T A~2-methylnaphthalene...	7.338	2950677	22.449 ug/ml
6) T n-Tetradecane (C14)	8.510	893511	6.562 ug/ml
7) T n-Hexadecane (C16)	10.112	352561	2.538 ug/ml
8) T n-Octadecane (C18)	11.548	337450	2.409 ug/ml
10) T n-Eicosane (C20)	12.858	281890	2.101 ug/ml
11) T n-Heneicosane (C21)	13.469	105089	0.800 ug/ml
13) T n-Docosane (C22)	14.051	155305	1.193 ug/ml
14) T n-Tetracosane (C24)	15.153	107422	0.823 ug/ml
15) T n-Hexacosane (C26)	16.173	91677	0.717 ug/ml
16) T n-Octacosane (C28)	17.139	450697	3.499 ug/ml
17) T n-Tricontane (C30)	18.003	366286	2.739 ug/ml
18) T n-Dotriacontane (C32)	18.837	82070	0.616 ug/ml
19) T n-Tetratriacontane (C34)	19.625	292139	2.364 ug/ml
20) T n-Hexatriacontane (C36)	20.360	67185	0.606 ug/ml
21) T n-Octatriacontane (C38)	21.083	55899	0.507 ug/ml

(f)=RT Delta > 1/2 Window

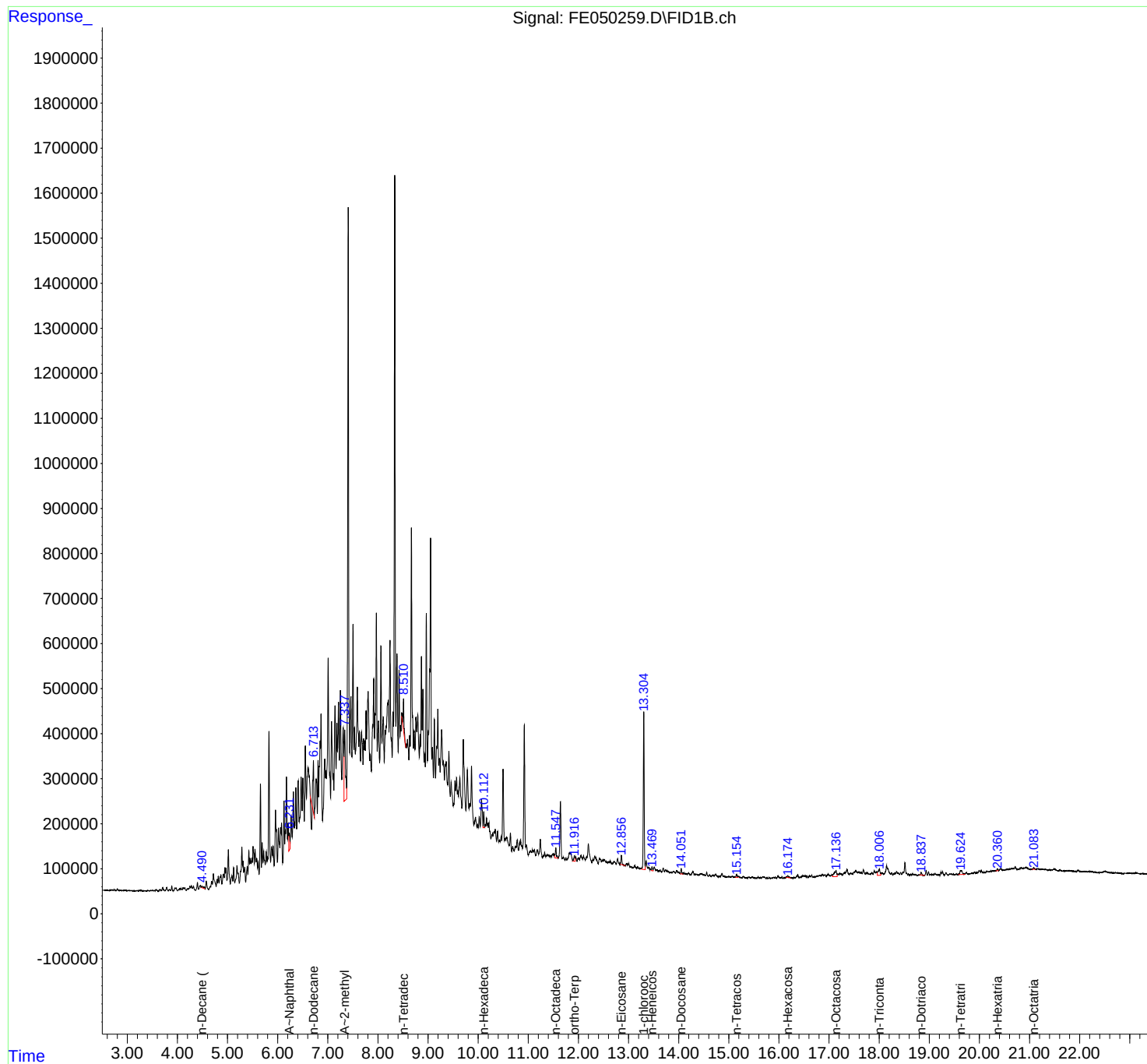
(m)=manual int.

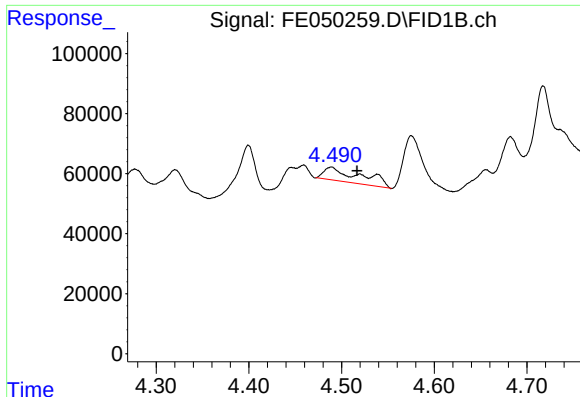
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
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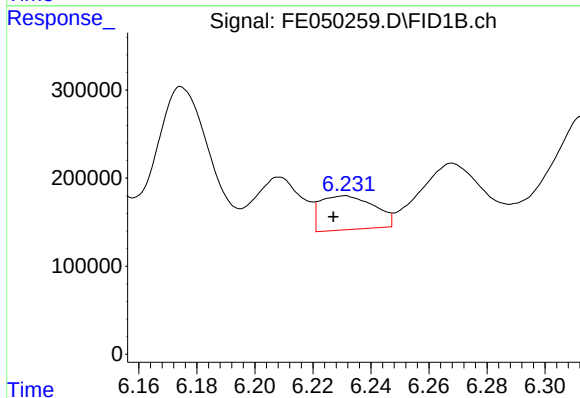




#2 n-Decane (C10)

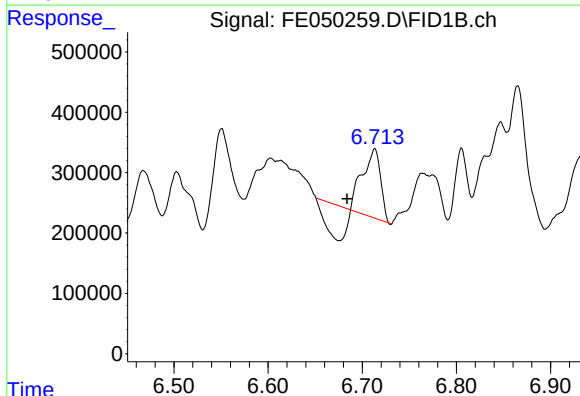
R.T.: 4.489 min
Delta R.T.: -0.028 min
Response: 125649
Conc: 0.91 ug/ml

Instrument :
FID_E
ClientSampleId :



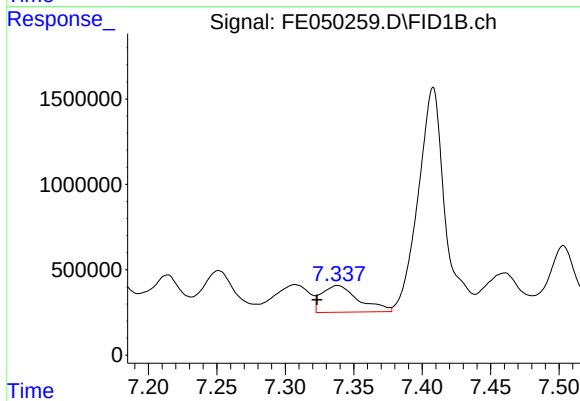
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.003 min
Response: 495776
Conc: 3.54 ug/ml



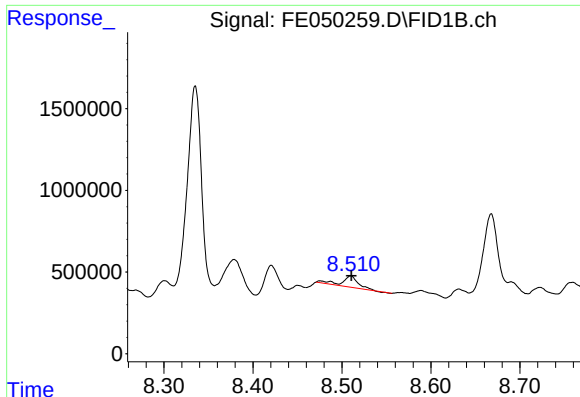
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: 0.029 min
Response: 688856
Conc: 4.98 ug/ml



#5 A~2-methylnaphthalene (C12.89)

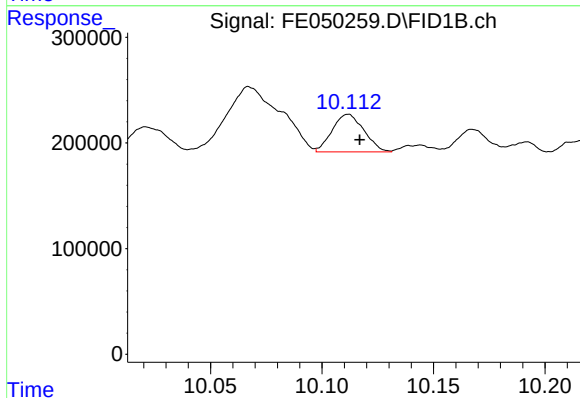
R.T.: 7.338 min
Delta R.T.: 0.015 min
Response: 2950677
Conc: 22.45 ug/ml



#6 n-Tetradecane (C14)

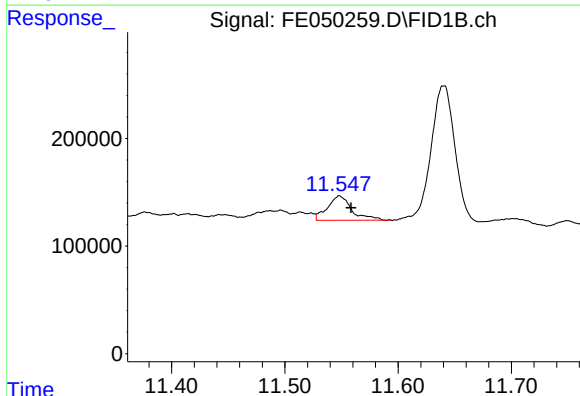
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 893511
Conc: 6.56 ug/ml

Instrument :
FID_E
ClientSampleId :



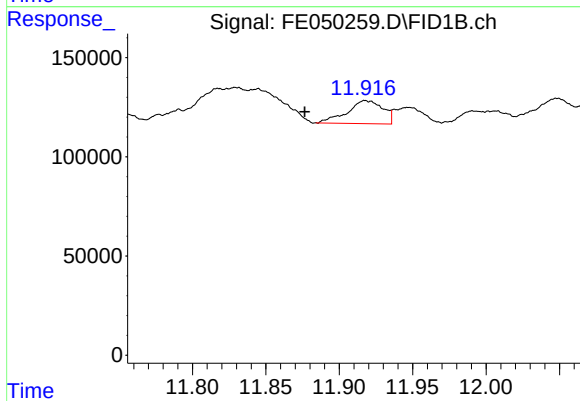
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: -0.005 min
Response: 352561
Conc: 2.54 ug/ml



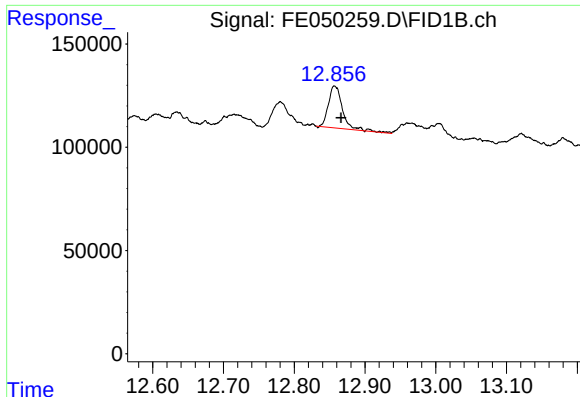
#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: -0.010 min
Response: 337450
Conc: 2.41 ug/ml



#9 ortho-Terphenyl (SURR)

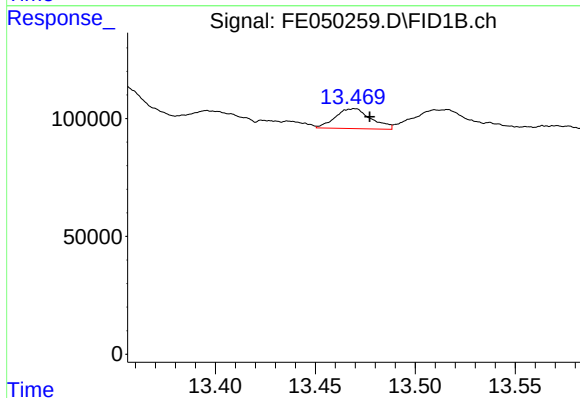
R.T.: 11.919 min
Delta R.T.: 0.042 min
Response: 197833
Conc: 1.33 ug/ml



#10 n-Eicosane (C20)

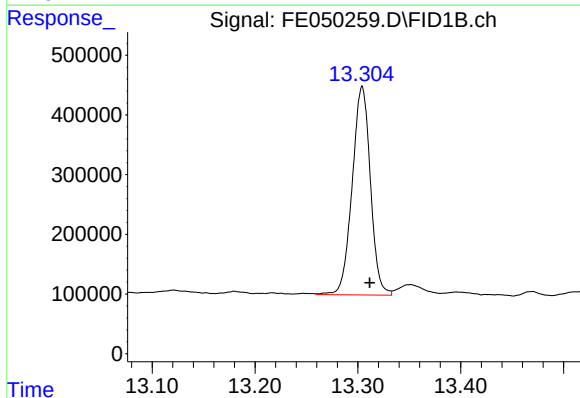
R.T.: 12.858 min
Delta R.T.: -0.008 min
Response: 281890
Conc: 2.10 ug/ml

Instrument :
FID_E
ClientSampleId :



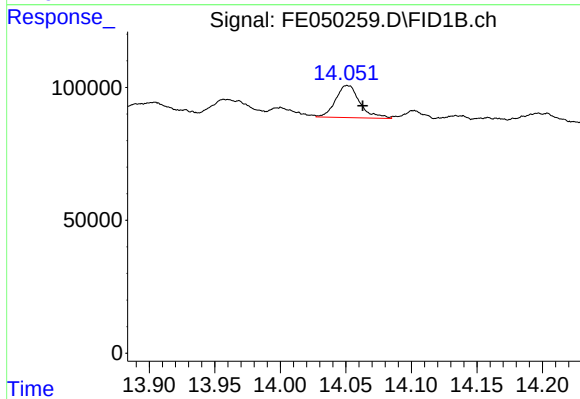
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.009 min
Response: 105089
Conc: 0.80 ug/ml



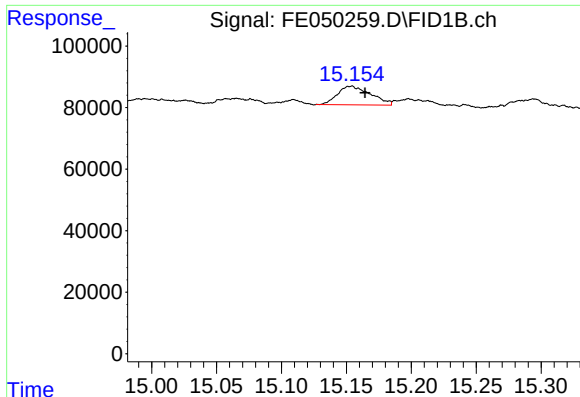
#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: -0.007 min
Response: 4304155
Conc: 38.32 ug/ml



#13 n-Docosane (C22)

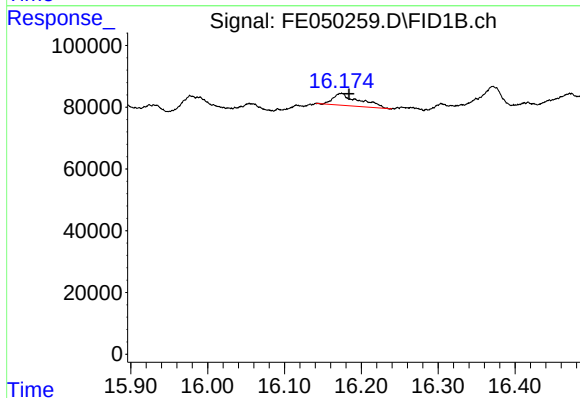
R.T.: 14.051 min
Delta R.T.: -0.012 min
Response: 155305
Conc: 1.19 ug/ml



#14 n-Tetracosane (C24)

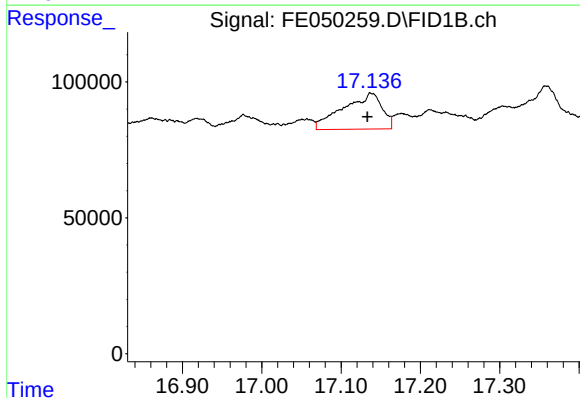
R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 107422
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



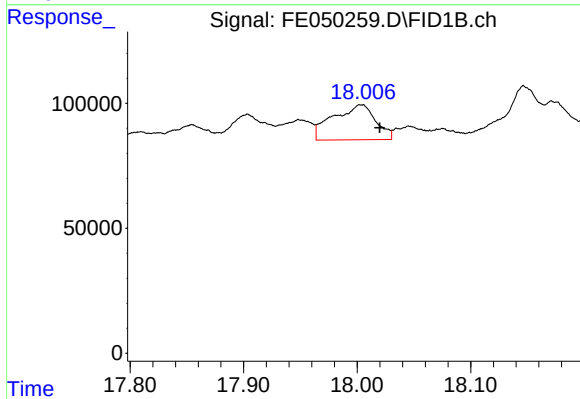
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.010 min
Response: 91677
Conc: 0.72 ug/ml



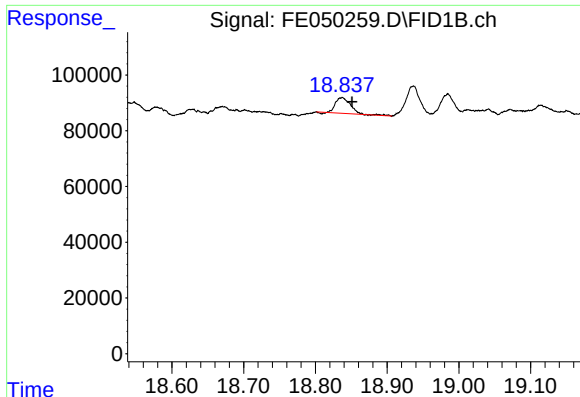
#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.006 min
Response: 450697
Conc: 3.50 ug/ml



#17 n-Tricontane (C30)

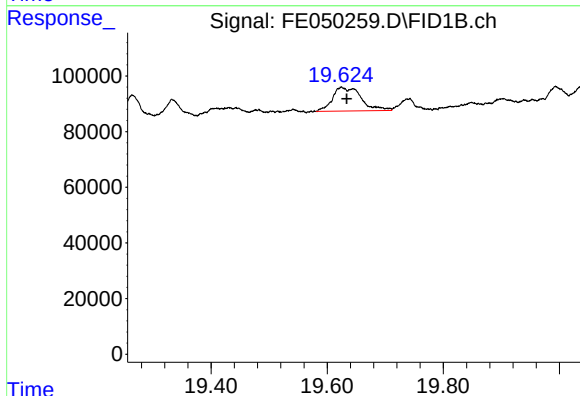
R.T.: 18.003 min
Delta R.T.: -0.016 min
Response: 366286
Conc: 2.74 ug/ml



#18 n-Dotriacontane (C32)

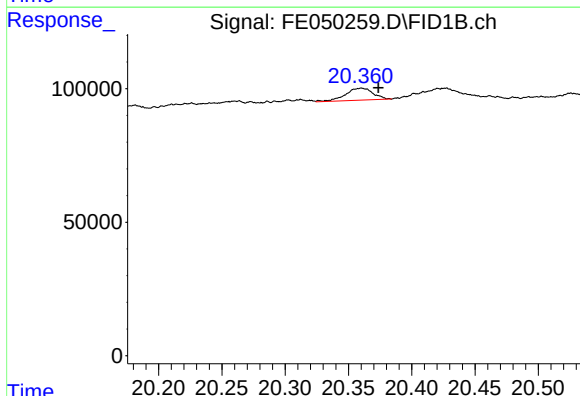
R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 82070
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



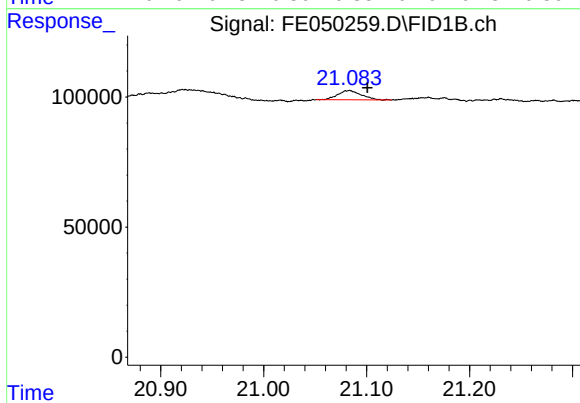
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.009 min
Response: 292139
Conc: 2.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.014 min
Response: 67185
Conc: 0.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.018 min
Response: 55899
Conc: 0.51 ug/ml