

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044826.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 20:06
 Operator : YP\AJ
 Sample : 04858-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 13 01:14:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.912	6302742	31.441 ug/ml
Spiked Amount 50.000		Recovery =	62.88%
12) S 1-chlorooctadecane (S...	13.352	5269580	35.609 ug/ml
Spiked Amount 50.000		Recovery =	71.22%
Target Compounds			
1) T n-Nonane (C9)	3.233f	58929	0.351 ug/ml
3) T A~Naphthalene (C11.7)	6.245	91956	0.497 ug/ml
5) T A~2-methylnaphthalene...	7.341	56494	0.313 ug/ml
6) T n-Tetradecane (C14)	8.485f	87499	0.510 ug/ml
7) T n-Hexadecane (C16)	10.153	178855	1.023 ug/ml
8) T n-Octadecane (C18)	11.534f	71468	0.410 ug/ml
10) T n-Eicosane (C20)	12.910	246169	1.474 ug/ml
11) T n-Heneicosane (C21)	13.529	376612	2.310 ug/ml
13) T n-Docosane (C22)	14.128	668380	4.179 ug/ml
14) T n-Tetracosane (C24)	15.185	1995377	12.857 ug/ml
15) T n-Hexacosane (C26)	16.241	168366	1.121 ug/ml
16) T n-Octacosane (C28)	17.185	480219	3.270 ug/ml
17) T n-Tricontane (C30)	18.075	120399	0.810 ug/ml
18) T n-Dotriacontane (C32)	18.906	187560	1.250 ug/ml
19) T n-Tetratriacontane (C34)	19.698	134894	0.906 ug/ml
20) T n-Hexatriacontane (C36)	20.482	93350	0.607 ug/ml
22) T n-Tetracontane (C40)	22.085	277978	1.663 ug/ml

(f)=RT Delta > 1/2 Window

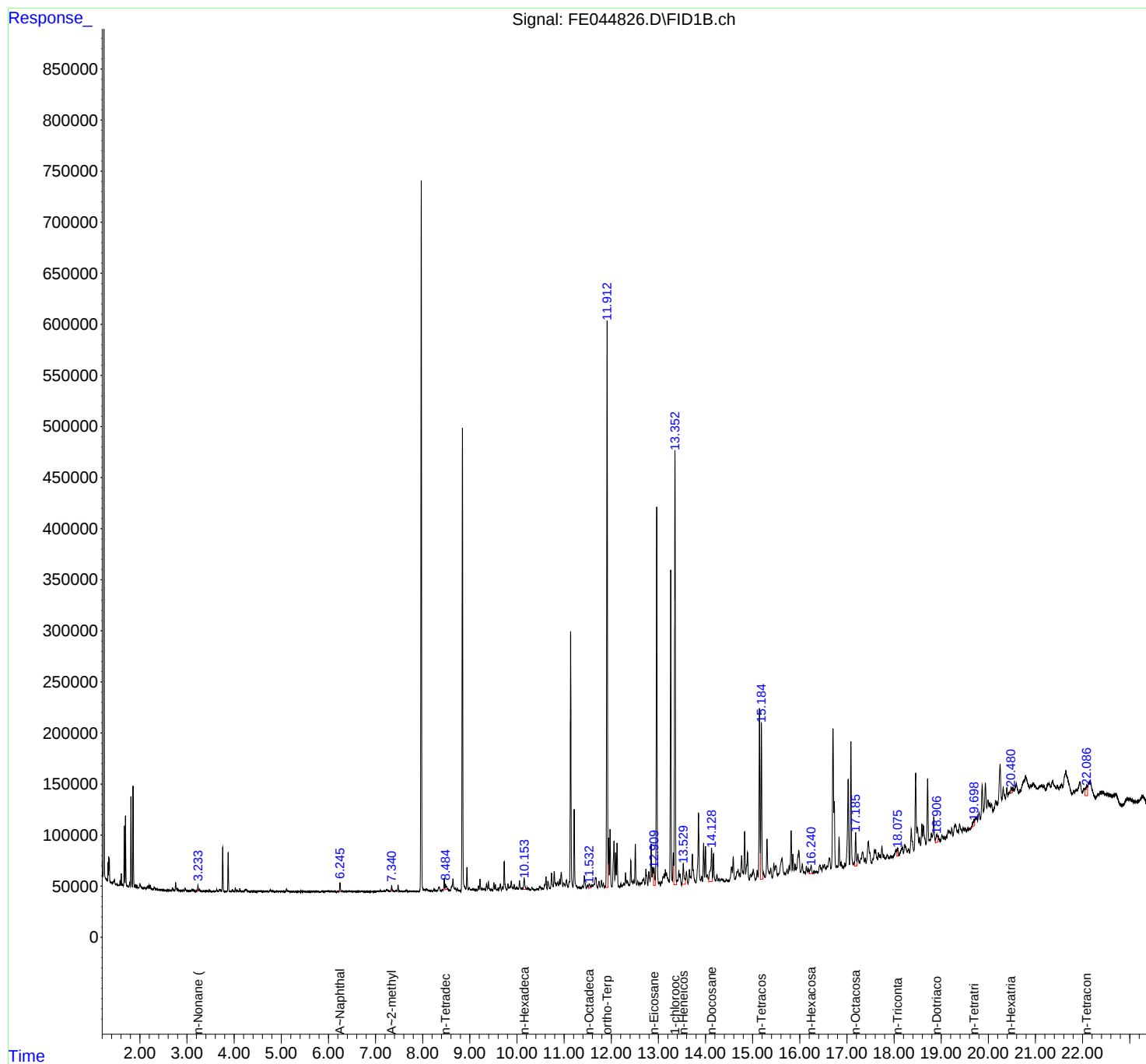
(m)=manual int.

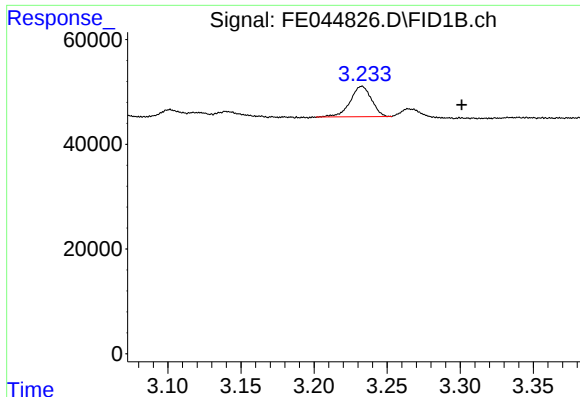
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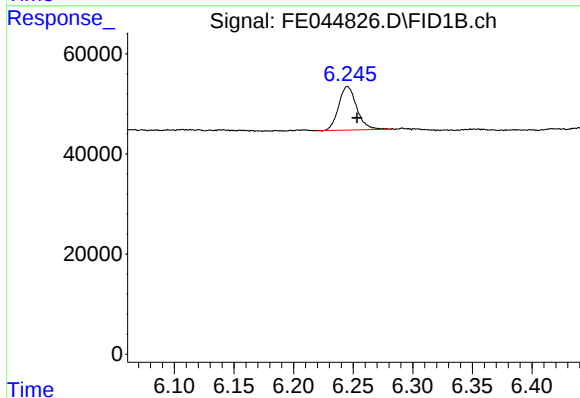




#1 n-Nonane (C9)

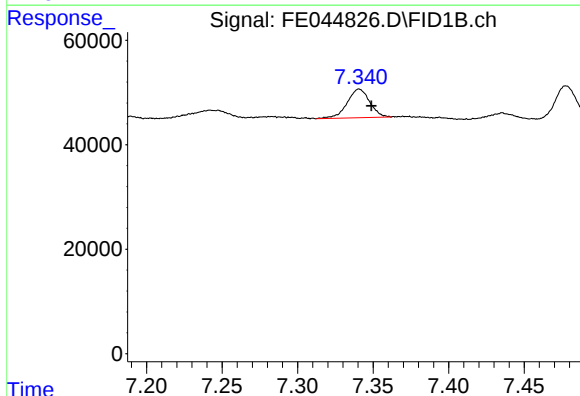
R.T.: 3.233 min
Delta R.T.: -0.068 min
Response: 58929
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



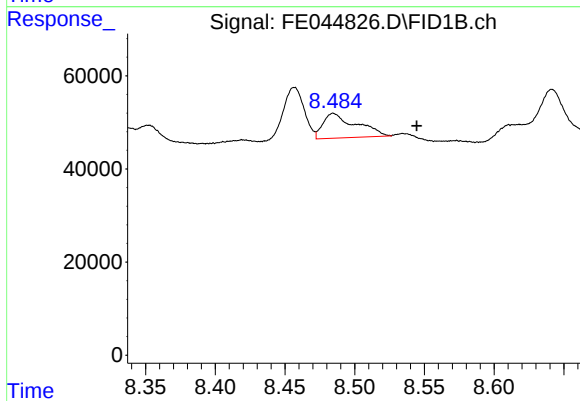
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 91956
Conc: 0.50 ug/ml



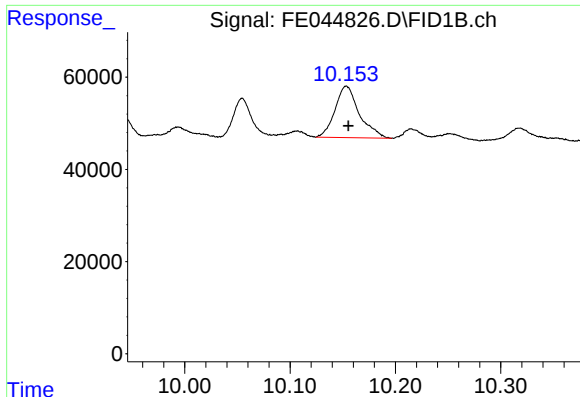
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 56494
Conc: 0.31 ug/ml



#6 n-Tetradecane (C14)

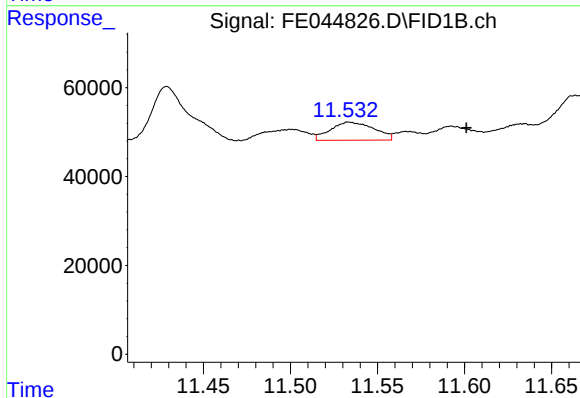
R.T.: 8.485 min
Delta R.T.: -0.060 min
Response: 87499
Conc: 0.51 ug/ml



#7 n-Hexadecane (C16)

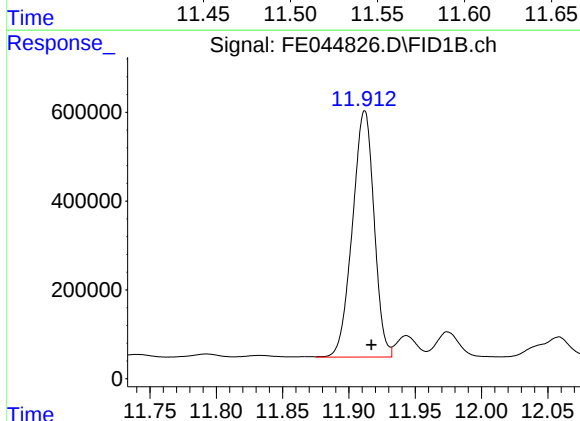
R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 178855
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



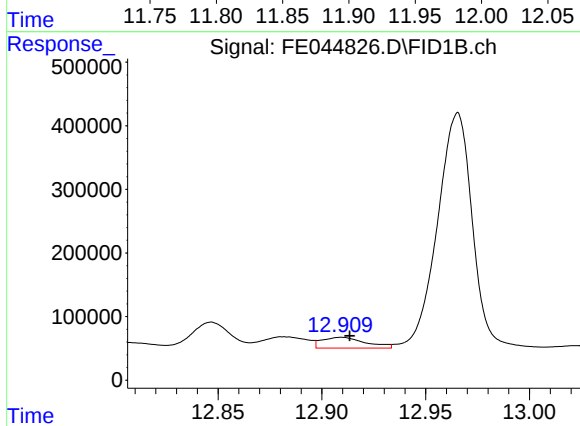
#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.067 min
Response: 71468
Conc: 0.41 ug/ml



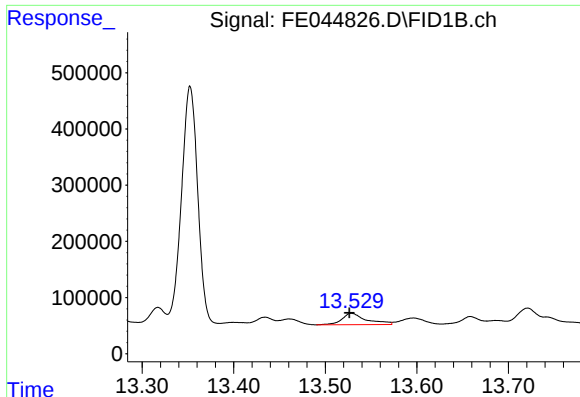
#9 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: -0.005 min
Response: 6302742
Conc: 31.44 ug/ml



#10 n-Eicosane (C20)

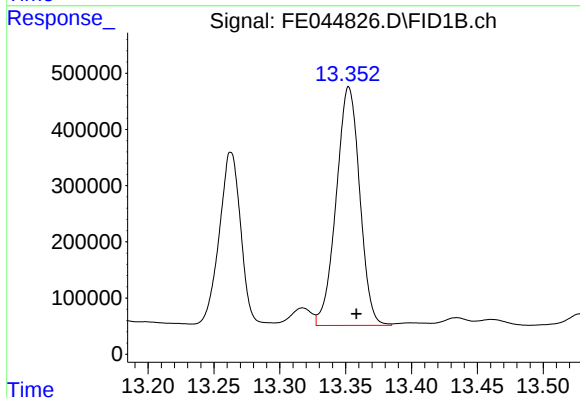
R.T.: 12.910 min
Delta R.T.: -0.004 min
Response: 246169
Conc: 1.47 ug/ml



#11 n-Heneicosane (C21)

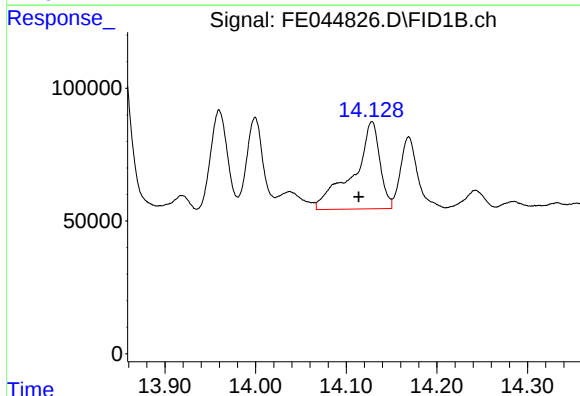
R.T.: 13.529 min
Delta R.T.: 0.002 min
Response: 376612
Conc: 2.31 ug/ml

Instrument :
FID_E
ClientSampleId :



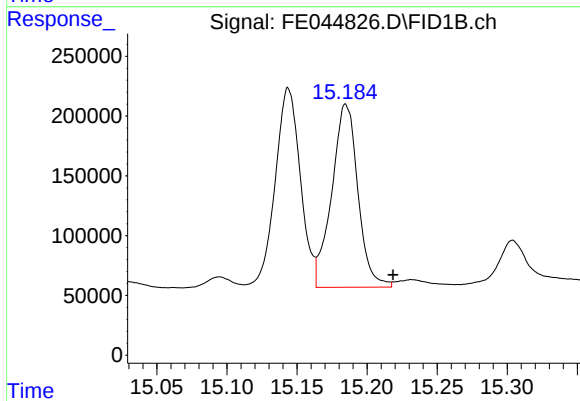
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.006 min
Response: 5269580
Conc: 35.61 ug/ml



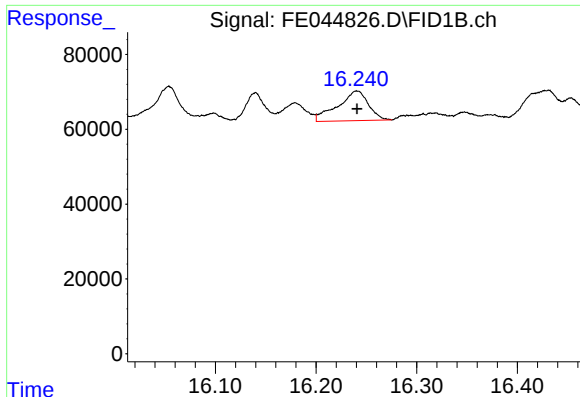
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: 0.015 min
Response: 668380
Conc: 4.18 ug/ml



#14 n-Tetracosane (C24)

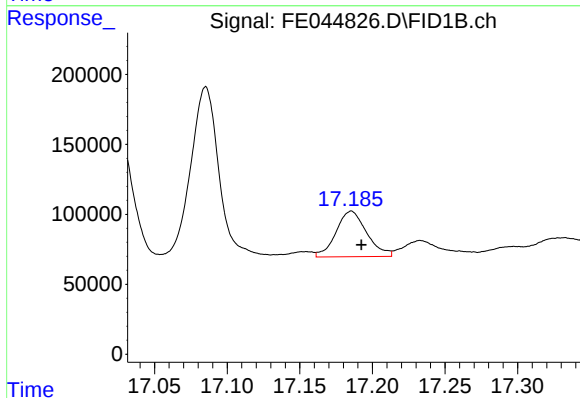
R.T.: 15.185 min
Delta R.T.: -0.034 min
Response: 1995377
Conc: 12.86 ug/ml



#15 n-Hexacosane (C26)

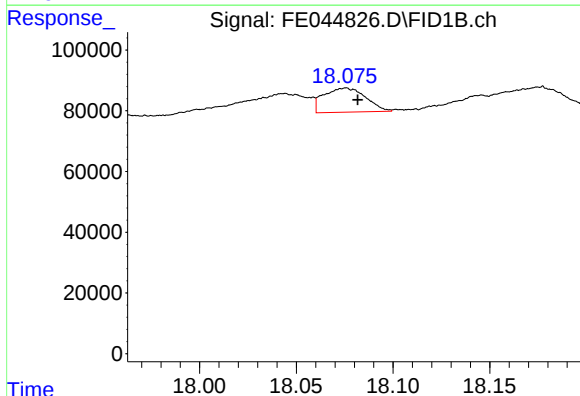
R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 168366
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :



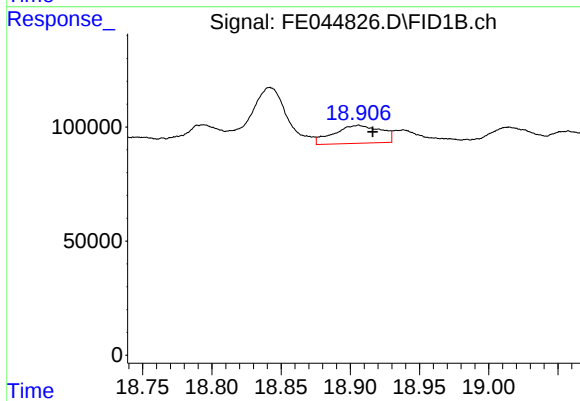
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.007 min
Response: 480219
Conc: 3.27 ug/ml



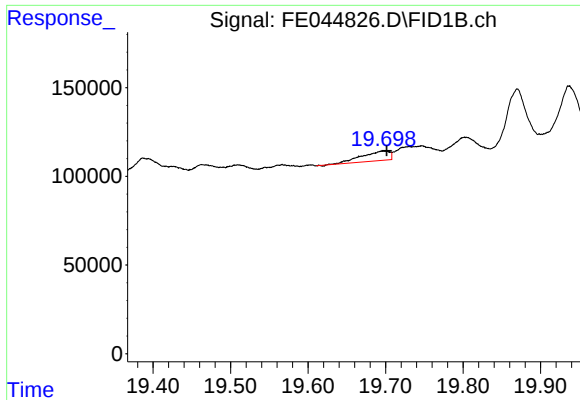
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.007 min
Response: 120399
Conc: 0.81 ug/ml



#18 n-Dotriacontane (C32)

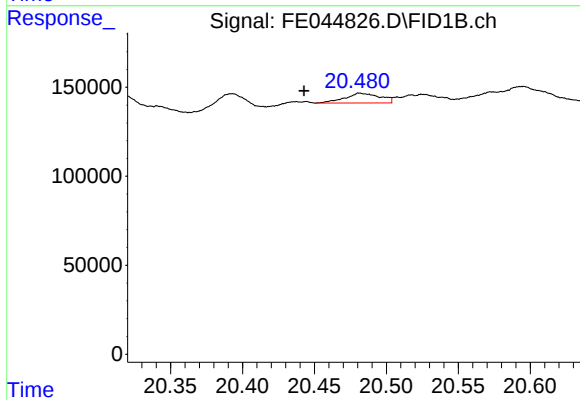
R.T.: 18.906 min
Delta R.T.: -0.010 min
Response: 187560
Conc: 1.25 ug/ml



#19 n-Tetratriacontane (C34)

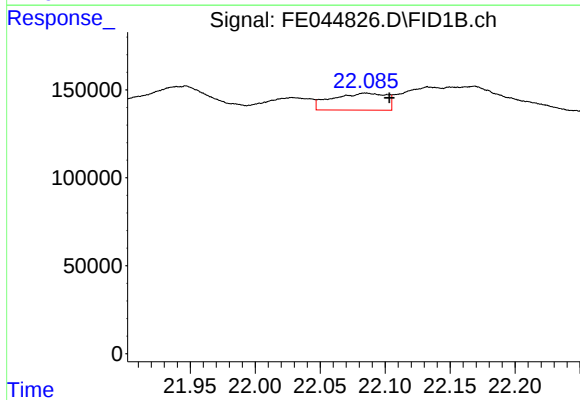
R.T.: 19.698 min
Delta R.T.: -0.004 min
Response: 134894
Conc: 0.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.039 min
Response: 93350
Conc: 0.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: -0.018 min
Response: 277978
Conc: 1.66 ug/ml