

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052353.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2025 17:23
 Operator : YP\AJ
 Sample : Q1345-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 12 01:20:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 2025
 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)	12.323	2935443	23.717 ug/ml
Spiked Amount 50.000		Recovery =	47.43%
12) S 1-chlorooctadecane (S...	13.734	2524634	25.581 ug/ml
Spiked Amount 50.000		Recovery =	51.16%
Target Compounds			
1) T n-Nonane (C9)	3.797	369108	3.952 ug/ml
2) T n-Decane (C10)	5.024	4064014	42.319 ug/ml
3) T A~Naphthalene (C11.7)	6.720	2314855	21.660 ug/ml
4) T n-Dodecane (C12)	7.157	11227416	113.274 ug/ml
5) T A~2-methylnaphthalene...	7.815	3983741	38.037 ug/ml
6) T n-Tetradecane (C14)	8.963	12659353	125.448 ug/ml
7) T n-Hexadecane (C16)	10.553	4364445	40.220 ug/ml
8) T n-Octadecane (C18)	11.983	917620	8.078 ug/ml
10) T n-Eicosane (C20)	13.285	444047	3.935 ug/ml
11) T n-Heneicosane (C21)	13.893	246839	2.192 ug/ml
13) T n-Docosane (C22)	14.477	205904	1.819 ug/ml
14) T n-Tetracosane (C24)	15.551	429733	3.738 ug/ml
15) T n-Hexacosane (C26)	16.588	162336	1.416 ug/ml
16) T n-Octacosane (C28)	17.539	109801	0.970 ug/ml
17) T n-Tricontane (C30)	18.424	158217	1.388 ug/ml
18) T n-Dotriacontane (C32)	19.246	205275	1.883 ug/ml
19) T n-Tetratriacontane (C34)	20.032	109165	1.151 ug/ml

(f)=RT Delta > 1/2 Window

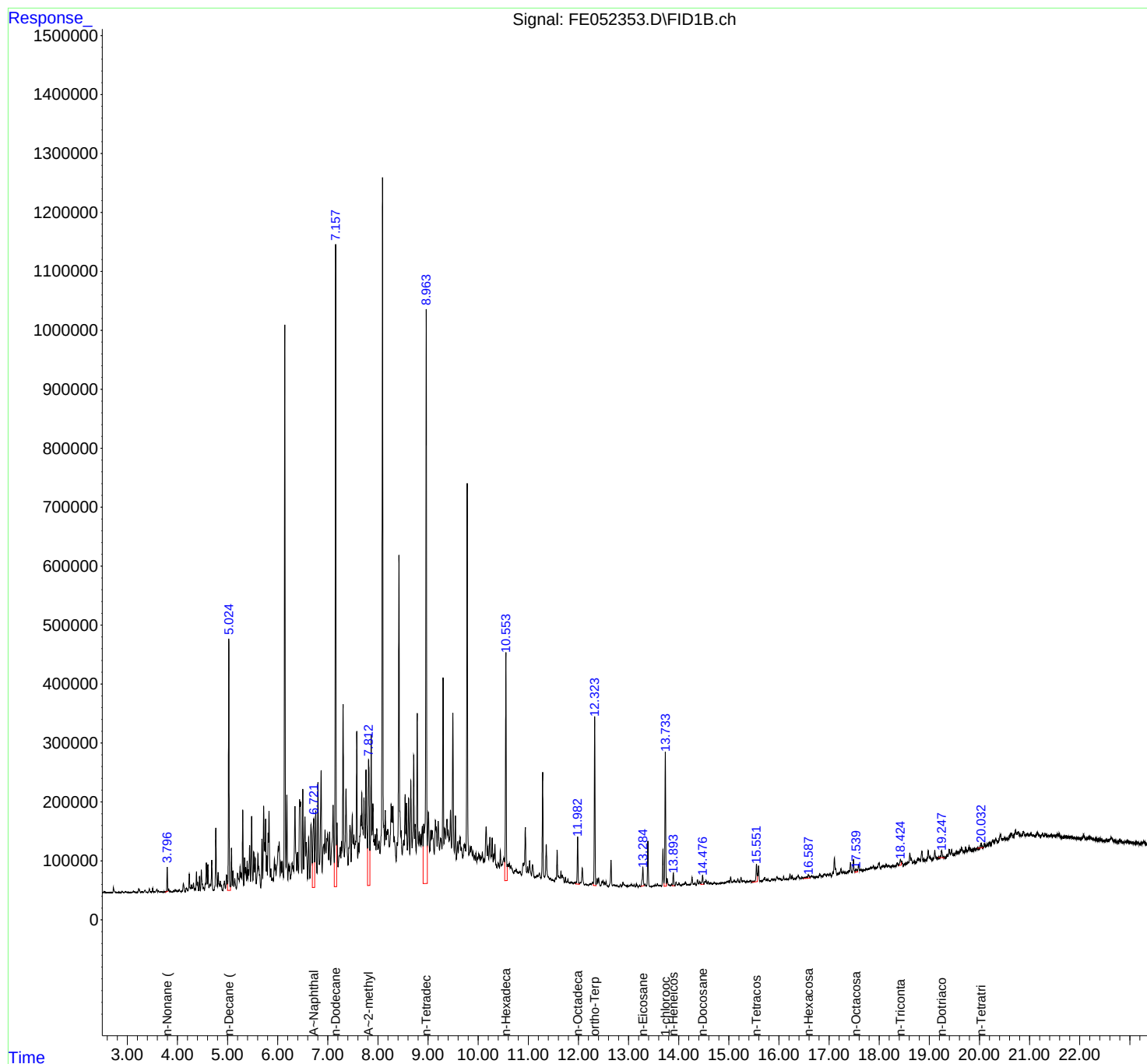
(m)=manual int.

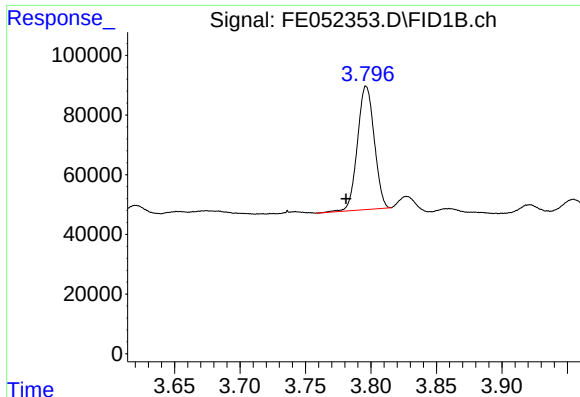
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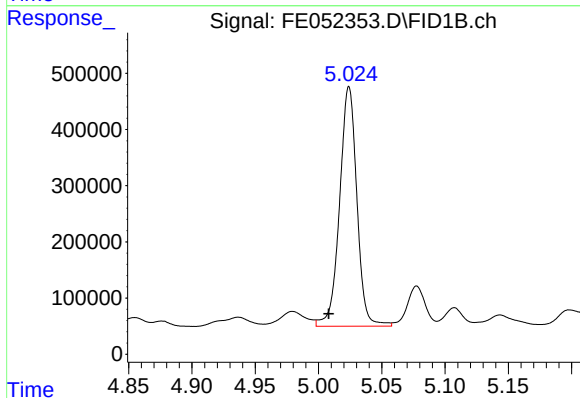




#1 n-Nonane (C9)

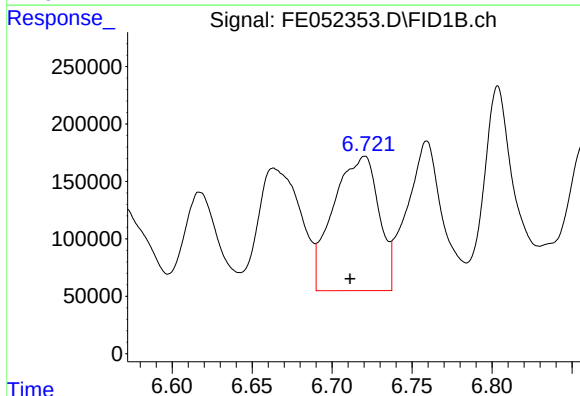
R.T.: 3.797 min
Delta R.T.: 0.016 min
Response: 369108
Conc: 3.95 ug/ml

Instrument :
FID_E
ClientSampleId :



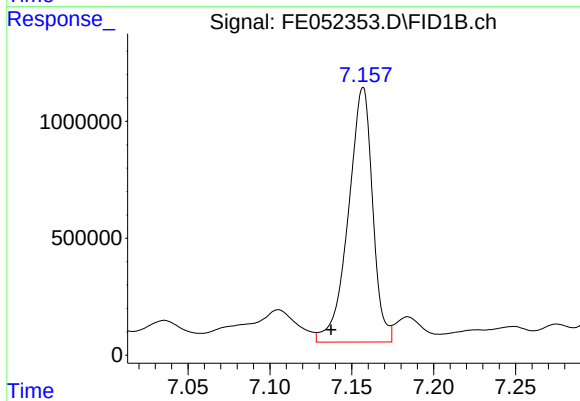
#2 n-Decane (C10)

R.T.: 5.024 min
Delta R.T.: 0.016 min
Response: 4064014
Conc: 42.32 ug/ml



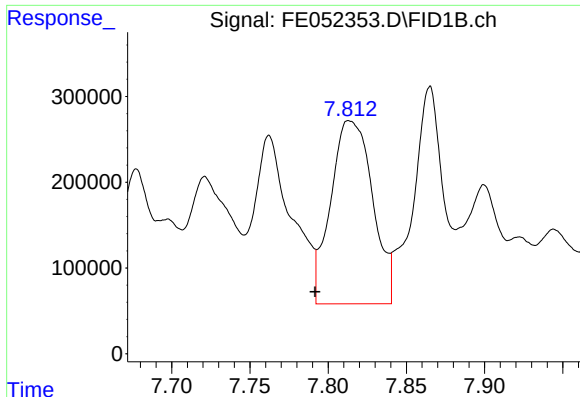
#3 A~Naphthalene (C11.7)

R.T.: 6.720 min
Delta R.T.: 0.008 min
Response: 2314855
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

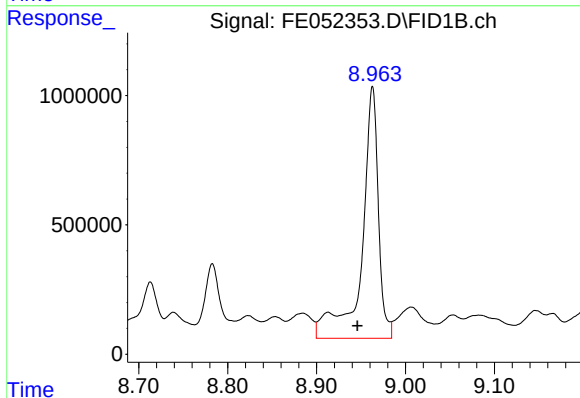
R.T.: 7.157 min
Delta R.T.: 0.019 min
Response: 11227416
Conc: 113.27 ug/ml



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

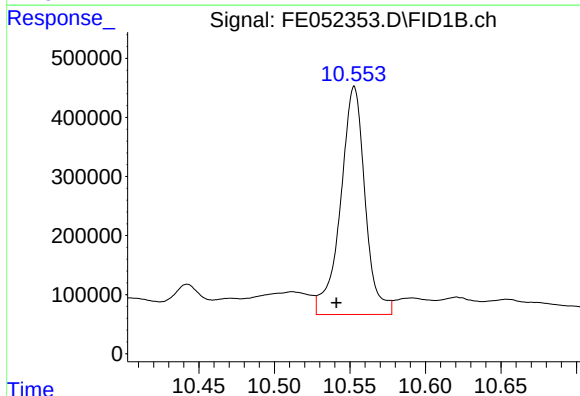
R.T.: 7.815 min
Delta R.T.: 0.023 min
Response: 3983741
Conc: 38.04 ug/ml

Instrument :
FID_E
ClientSampleId :



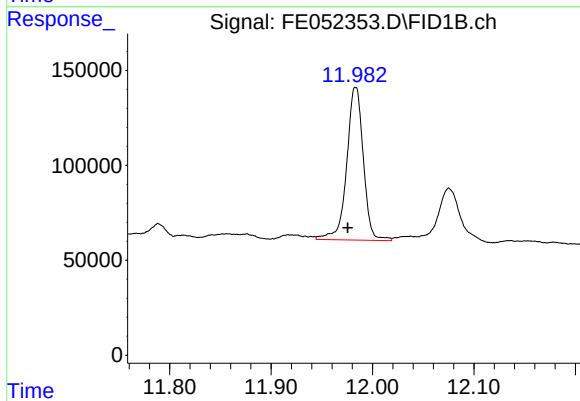
#6 n-Tetradecane (C14)

R.T.: 8.963 min
Delta R.T.: 0.017 min
Response: 12659353
Conc: 125.45 ug/ml



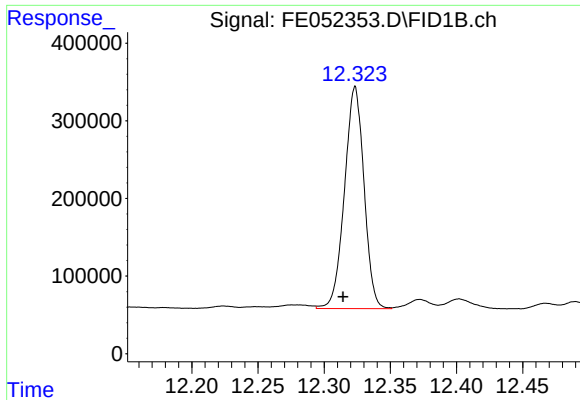
#7 n-Hexadecane (C16)

R.T.: 10.553 min
Delta R.T.: 0.012 min
Response: 4364445
Conc: 40.22 ug/ml



#8 n-Octadecane (C18)

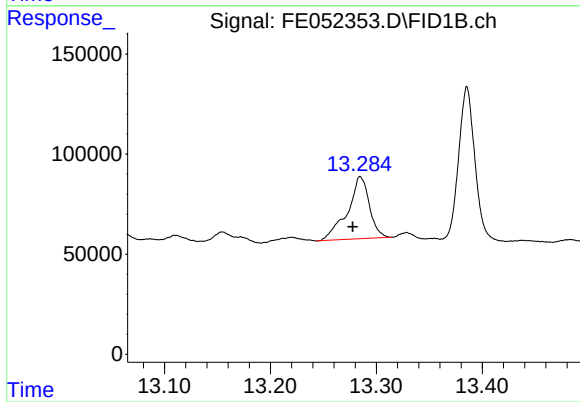
R.T.: 11.983 min
Delta R.T.: 0.008 min
Response: 917620
Conc: 8.08 ug/ml



#9 ortho-Terphenyl (SURR)

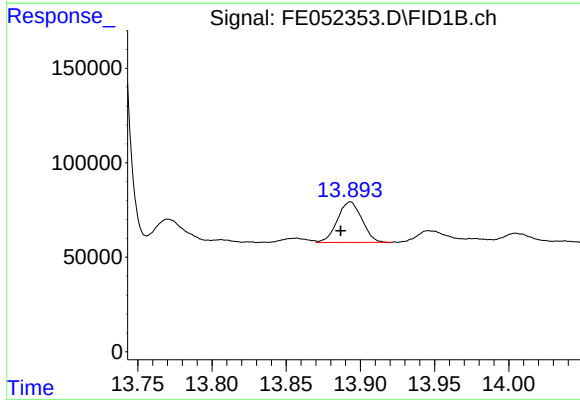
R.T.: 12.323 min
Delta R.T.: 0.009 min
Response: 2935443
Conc: 23.72 ug/ml

Instrument :
FID_E
ClientSampleId :



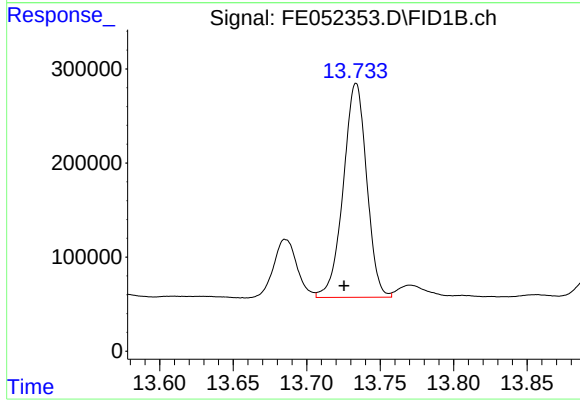
#10 n-Eicosane (C20)

R.T.: 13.285 min
Delta R.T.: 0.008 min
Response: 444047
Conc: 3.93 ug/ml



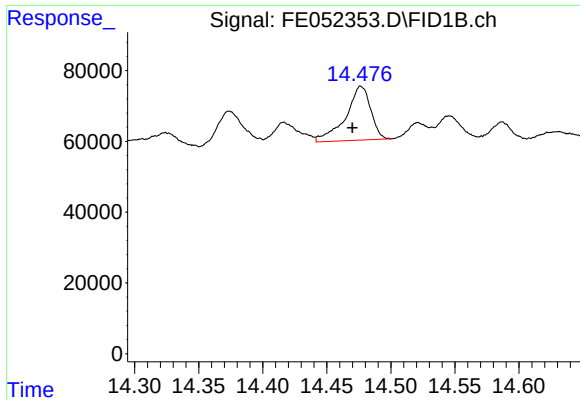
#11 n-Heneicosane (C21)

R.T.: 13.893 min
Delta R.T.: 0.006 min
Response: 246839
Conc: 2.19 ug/ml



#12 1-chlorooctadecane (SURR)

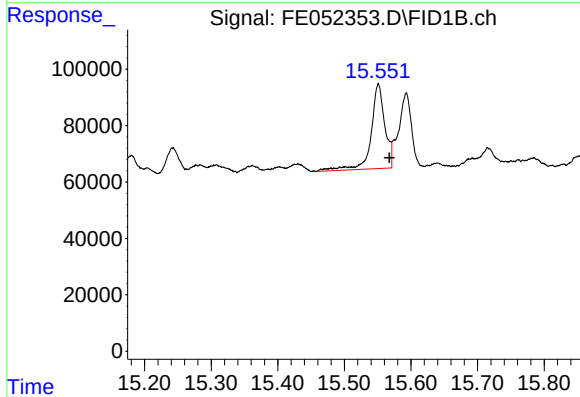
R.T.: 13.734 min
Delta R.T.: 0.008 min
Response: 2524634
Conc: 25.58 ug/ml



#13 n-Docosane (C22)

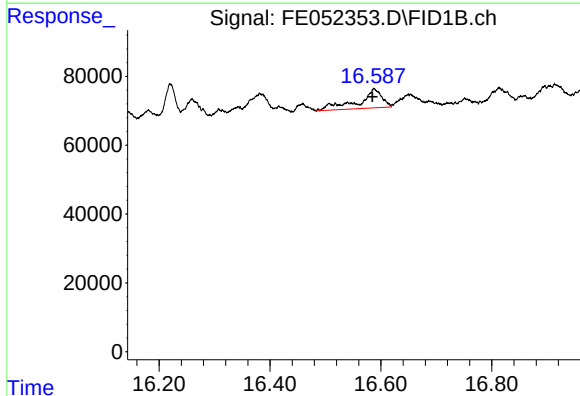
R.T.: 14.477 min
Delta R.T.: 0.007 min
Response: 205904
Conc: 1.82 ug/ml

Instrument :
FID_E
ClientSampleId :



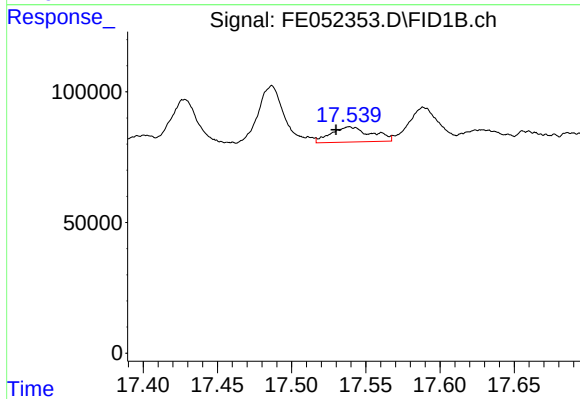
#14 n-Tetracosane (C24)

R.T.: 15.551 min
Delta R.T.: -0.017 min
Response: 429733
Conc: 3.74 ug/ml



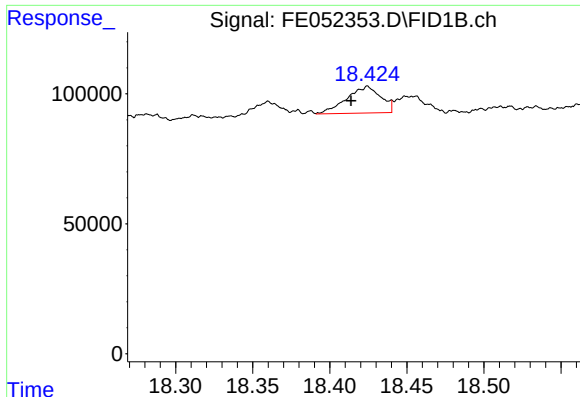
#15 n-Hexacosane (C26)

R.T.: 16.588 min
Delta R.T.: 0.004 min
Response: 162336
Conc: 1.42 ug/ml



#16 n-Octacosane (C28)

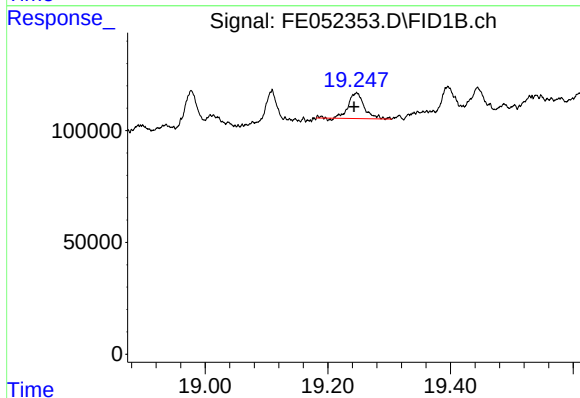
R.T.: 17.539 min
Delta R.T.: 0.010 min
Response: 109801
Conc: 0.97 ug/ml



#17 n-Tricontane (C30)

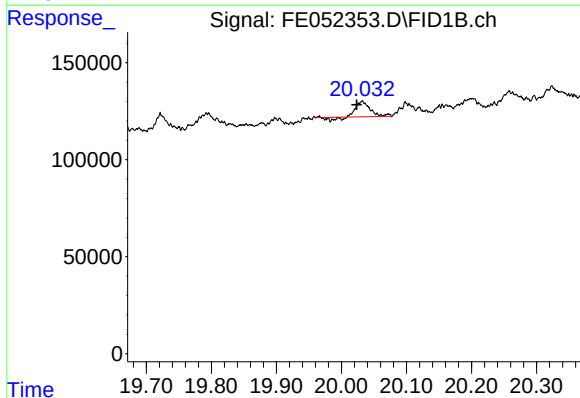
R.T.: 18.424 min
Delta R.T.: 0.010 min
Response: 158217
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 19.246 min
Delta R.T.: 0.004 min
Response: 205275
Conc: 1.88 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 20.032 min
Delta R.T.: 0.008 min
Response: 109165
Conc: 1.15 ug/ml