

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054716.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 21:36
 Operator : YP\AJ
 Sample : Q2503-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GCAP3

Integration File: autoint1.e
 Quant Time: Jul 08 03:33:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.082	5655103	34.823 ug/ml
Spiked Amount 50.000		Recovery =	69.65%
12) S 1-chlorooctadecane (S...	13.518	4508826	35.701 ug/ml
Spiked Amount 50.000		Recovery =	71.40%
Target Compounds			
1) T n-Nonane (C9)	3.419	41156	0.306 ug/ml
3) T A~Naphthalene (C11.7)	6.396	267627	1.768 ug/ml
4) T n-Dodecane (C12)	6.853	50803	0.370 ug/ml
5) T A~2-methylnaphthalene...	7.496	401856	2.734 ug/ml
6) T n-Tetradecane (C14)	8.687	47574	0.343 ug/ml
7) T n-Hexadecane (C16)	10.323	123868	0.869 ug/ml
10) T n-Eicosane (C20)	13.065	70674	0.491 ug/ml
11) T n-Heneicosane (C21)	13.705	154705	1.083 ug/ml
13) T n-Docosane (C22)	14.270	101523	0.711 ug/ml
14) T n-Tetracosane (C24)	15.365	749198	5.154 ug/ml
15) T n-Hexacosane (C26)	16.399	72989	0.504 ug/ml
16) T n-Octacosane (C28)	17.353	137656	0.945 ug/ml
17) T n-Tricontane (C30)	18.194	80807	0.513 ug/ml
18) T n-Dotriacontane (C32)	19.070	243127	1.503 ug/ml
19) T n-Tetratriacontane (C34)	19.817	57982	0.380 ug/ml
20) T n-Hexatriacontane (C36)	20.620	459646	3.419 ug/ml
22) T n-Tetracontane (C40)	22.289	36417	0.336 ug/ml

(f)=RT Delta > 1/2 Window

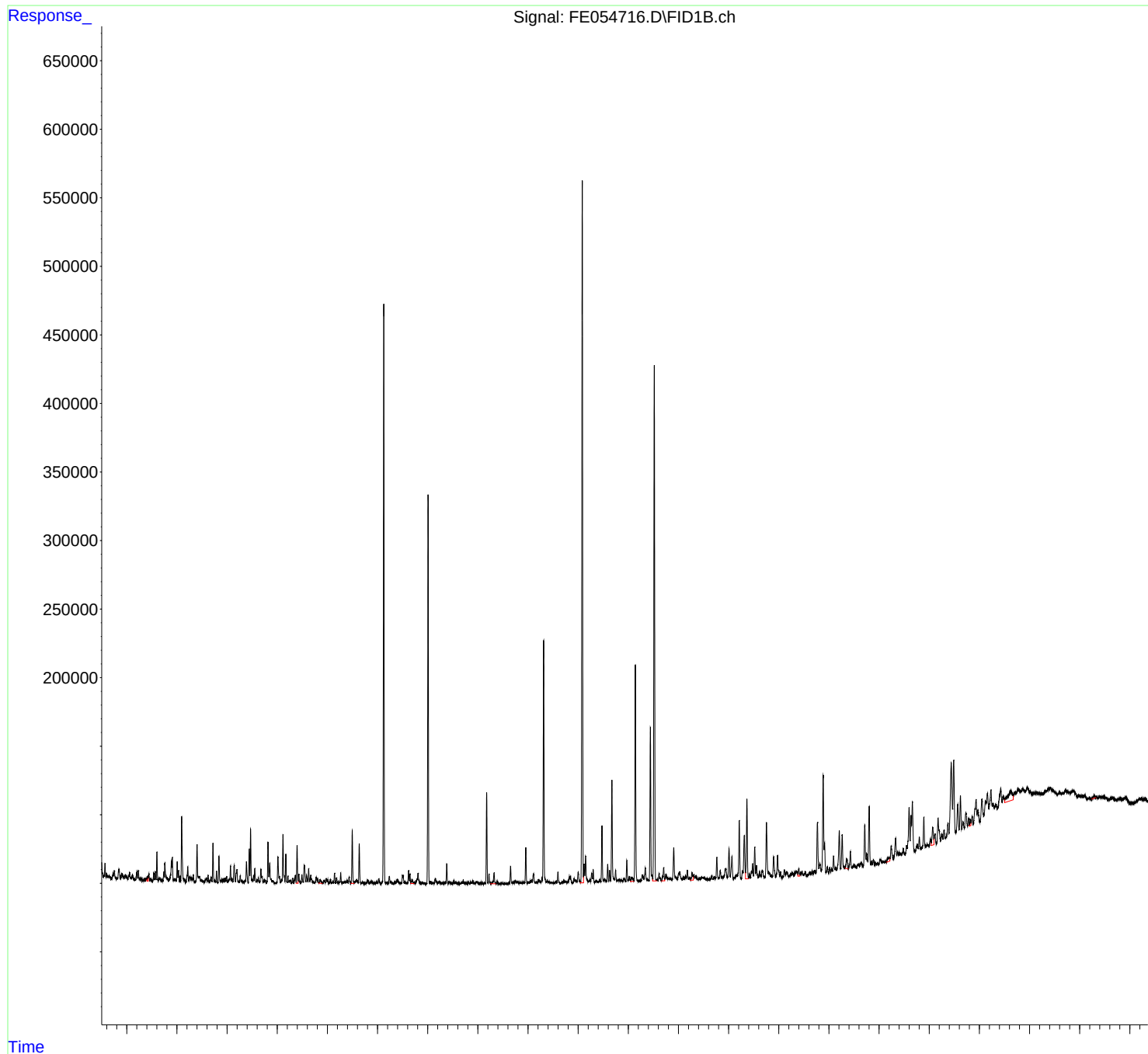
(m)=manual int.

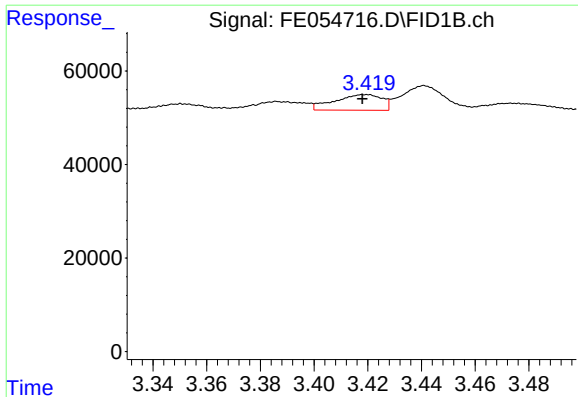
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
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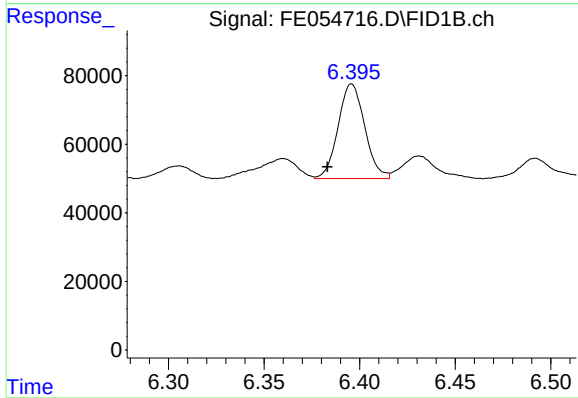




#1 n-Nonane (C9)

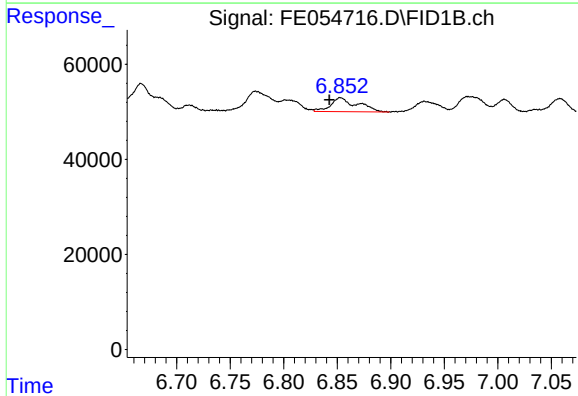
R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 41156
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP3



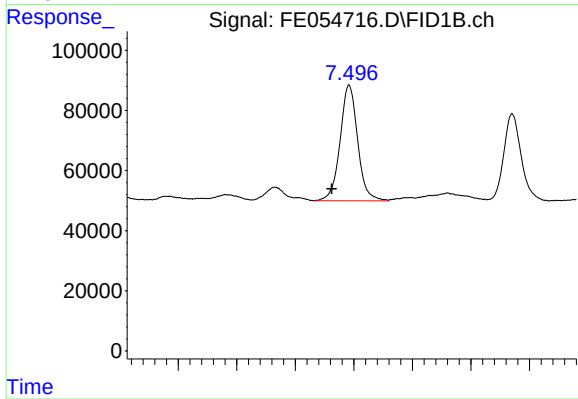
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.013 min
Response: 267627
Conc: 1.77 ug/ml



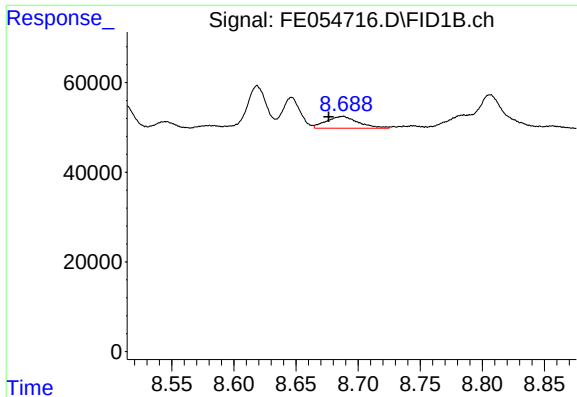
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.010 min
Response: 50803
Conc: 0.37 ug/ml



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

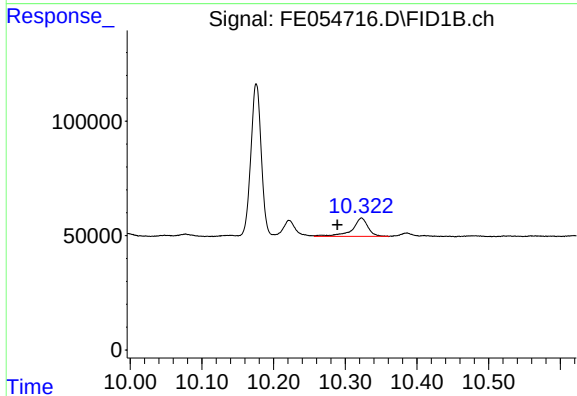
R.T.: 7.496 min
Delta R.T.: 0.015 min
Response: 401856
Conc: 2.73 ug/ml



#6 n-Tetradecane (C14)

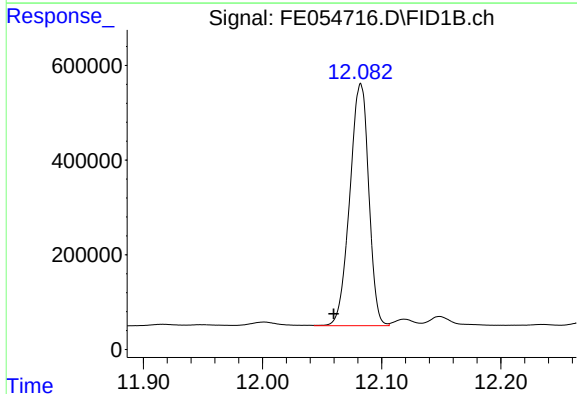
R.T.: 8.687 min
Delta R.T.: 0.011 min
Response: 47574
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP3



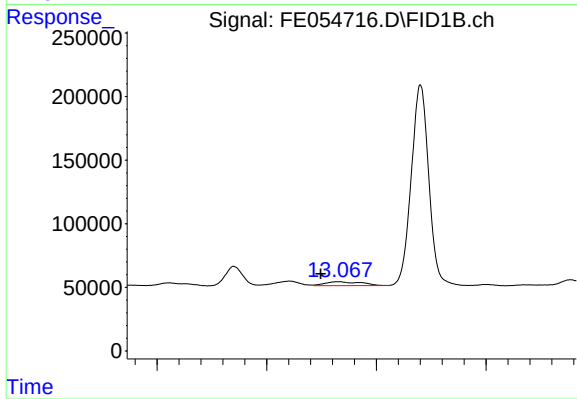
#7 n-Hexadecane (C16)

R.T.: 10.323 min
Delta R.T.: 0.034 min
Response: 123868
Conc: 0.87 ug/ml



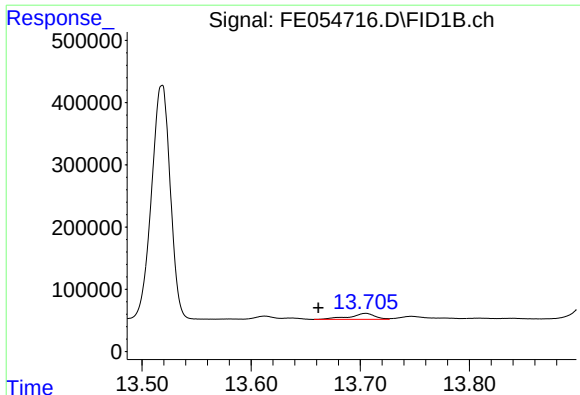
#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: 0.022 min
Response: 5655103
Conc: 34.82 ug/ml



#10 n-Eicosane (C20)

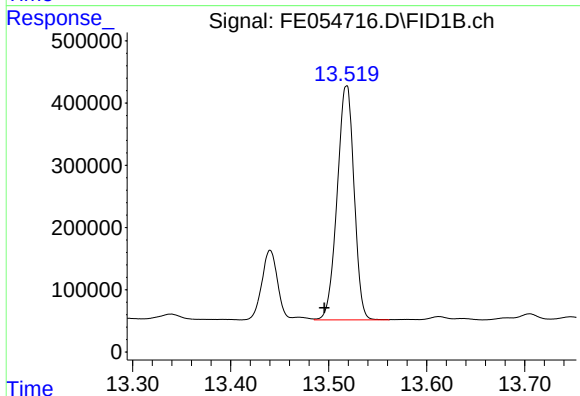
R.T.: 13.065 min
Delta R.T.: 0.016 min
Response: 70674
Conc: 0.49 ug/ml



#11 n-Heneicosane (C21)

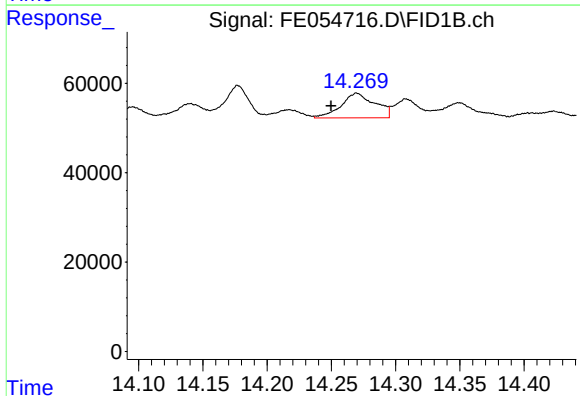
R.T.: 13.705 min
Delta R.T.: 0.043 min
Response: 154705
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP3



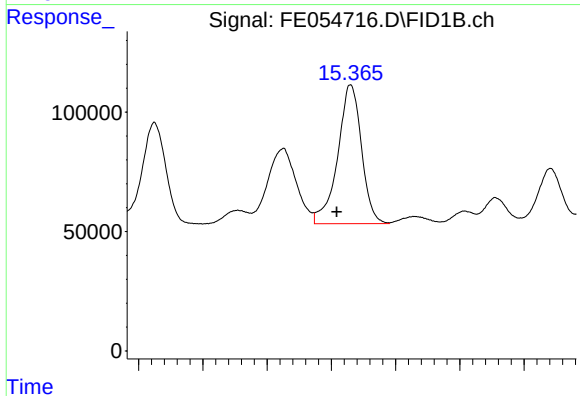
#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: 0.023 min
Response: 4508826
Conc: 35.70 ug/ml



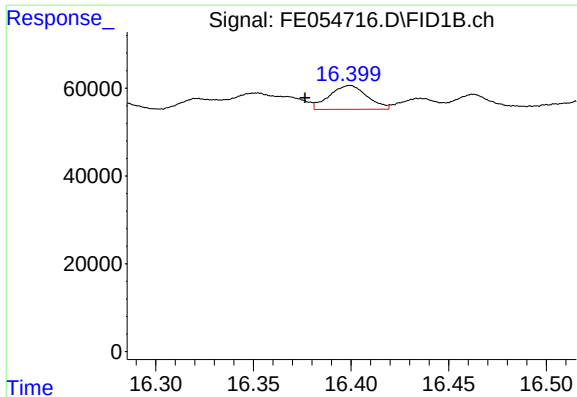
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: 0.020 min
Response: 101523
Conc: 0.71 ug/ml



#14 n-Tetracosane (C24)

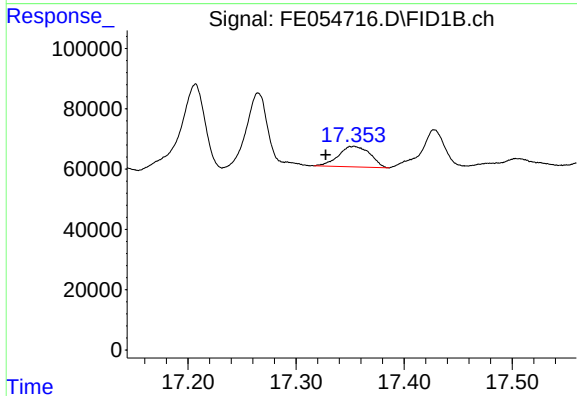
R.T.: 15.365 min
Delta R.T.: 0.011 min
Response: 749198
Conc: 5.15 ug/ml



#15 n-Hexacosane (C26)

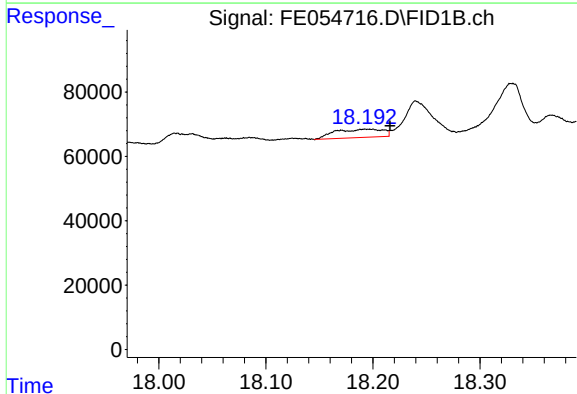
R.T.: 16.399 min
Delta R.T.: 0.023 min
Response: 72989
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP3



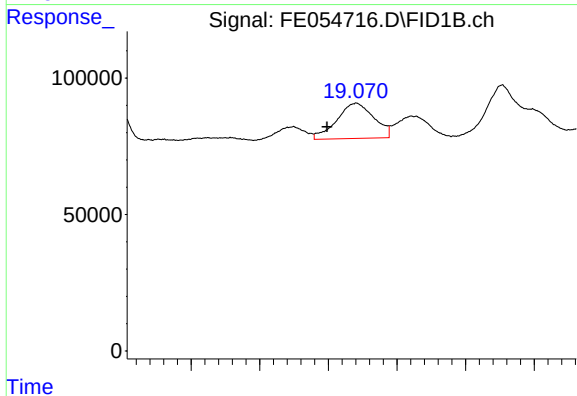
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.026 min
Response: 137656
Conc: 0.94 ug/ml



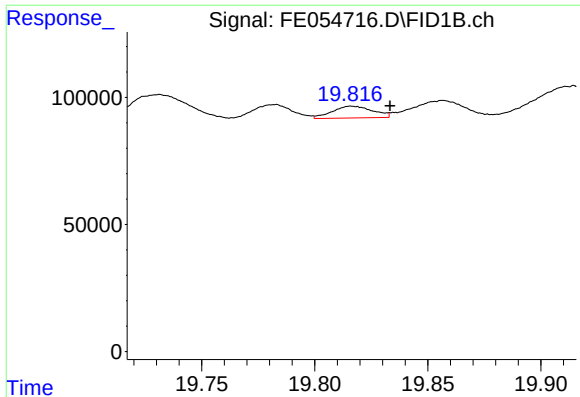
#17 n-Tricontane (C30)

R.T.: 18.194 min
Delta R.T.: -0.022 min
Response: 80807
Conc: 0.51 ug/ml



#18 n-Dotriacontane (C32)

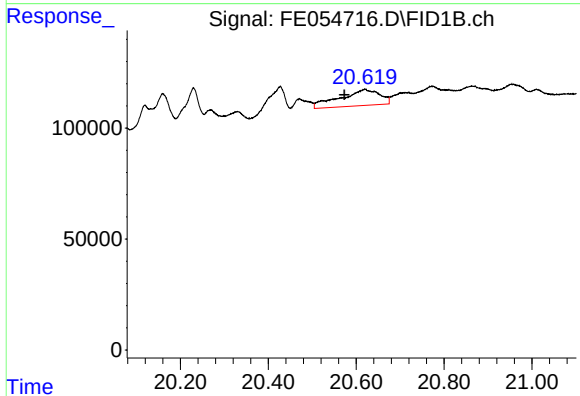
R.T.: 19.070 min
Delta R.T.: 0.021 min
Response: 243127
Conc: 1.50 ug/ml



#19 n-Tetratriacontane (C34)

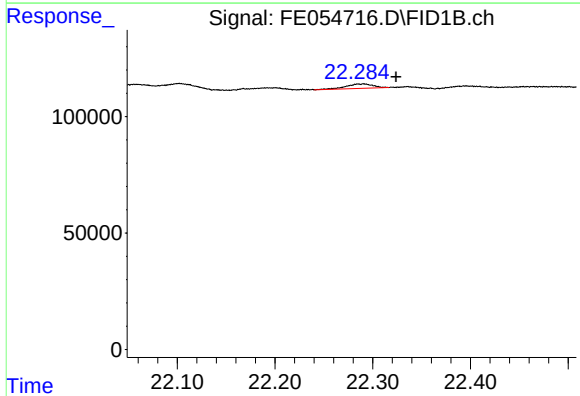
R.T.: 19.817 min
Delta R.T.: -0.016 min
Response: 57982
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
GCAP3



#20 n-Hexatriacontane (C36)

R.T.: 20.620 min
Delta R.T.: 0.047 min
Response: 459646
Conc: 3.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.289 min
Delta R.T.: -0.034 min
Response: 36417
Conc: 0.34 ug/ml