

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012225AL\
 Data File : FE051995.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2025 13:38
 Operator : YP\AJ
 Sample : PB166164BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166164BS

Integration File: autoint1.e
 Quant Time: Jan 23 01:39:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.197	4670412	32.677 ug/ml
Spiked Amount 50.000		Recovery =	65.35%
12) S 1-chlorooctadecane (S...	13.612	3872801	33.760 ug/ml
Spiked Amount 50.000		Recovery =	67.52%
Target Compounds			
1) T n-Nonane (C9)	3.681	4100310	38.460 ug/ml
2) T n-Decane (C10)	4.906	4383599	40.041 ug/ml
3) T A~Naphthalene (C11.7)	6.598	5212652	42.897 ug/ml
4) T n-Dodecane (C12)	7.031	4601843	40.773 ug/ml
5) T A~2-methylnaphthalene...	7.677	4874267	40.828 ug/ml
6) T n-Tetradecane (C14)	8.838	4789749	41.181 ug/ml
7) T n-Hexadecane (C16)	10.431	4857166	38.512 ug/ml
8) T n-Octadecane (C18)	11.864	4912290	37.128 ug/ml
10) T n-Eicosane (C20)	13.167	5062084	38.614 ug/ml
11) T n-Heneicosane (C21)	13.775	4845128	37.224 ug/ml
13) T n-Docosane (C22)	14.358	4800820	36.582 ug/ml
14) T n-Tetracosane (C24)	15.462	9577627	72.104 ug/ml
15) T n-Hexacosane (C26)	16.475	4593731	34.752 ug/ml
16) T n-Octacosane (C28)	17.420	4536647	34.372 ug/ml
17) T n-Tricontane (C30)	18.306	4514386	33.111 ug/ml
18) T n-Dotriacontane (C32)	19.135	4580996	34.955 ug/ml
19) T n-Tetratriacontane (C34)	19.917	5013524	44.532 ug/ml
20) T n-Hexatriacontane (C36)	20.656	5457684	57.460 ug/ml
21) T n-Octatriacontane (C38)	21.443	5998199	69.438 ug/ml
22) T n-Tetracontane (C40)	22.444	6626275	80.405 ug/ml

(f)=RT Delta > 1/2 Window

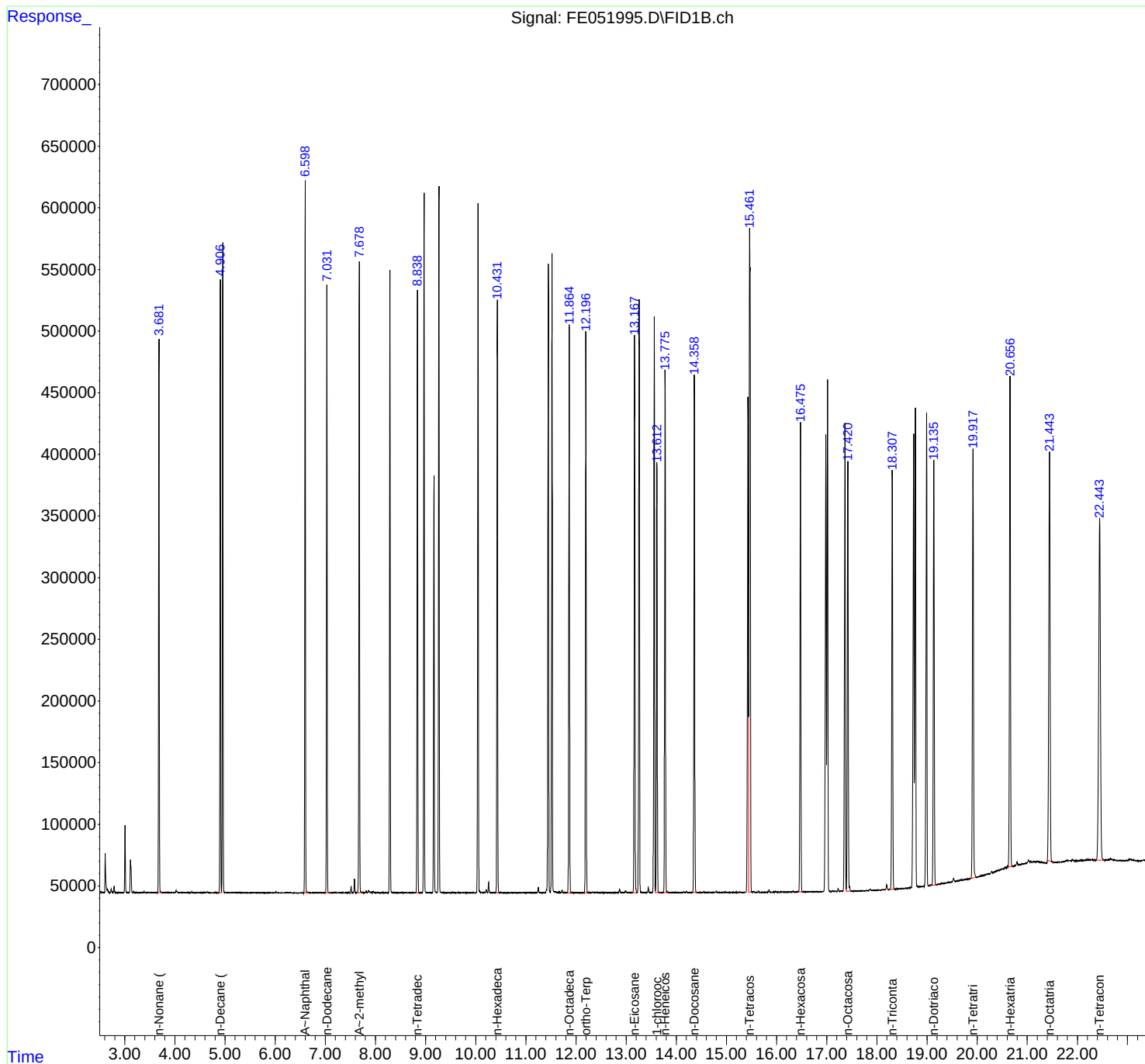
(m)=manual int.

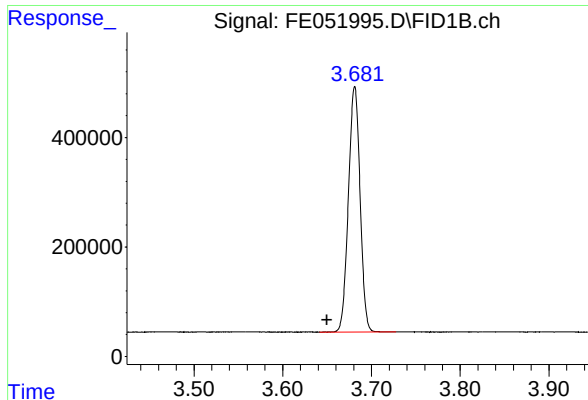
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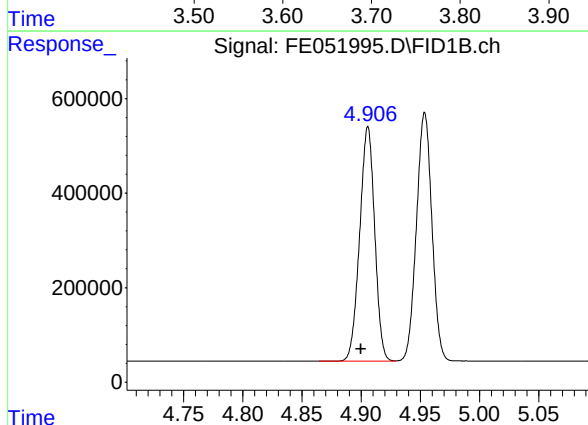




#1 n-Nonane (C9)

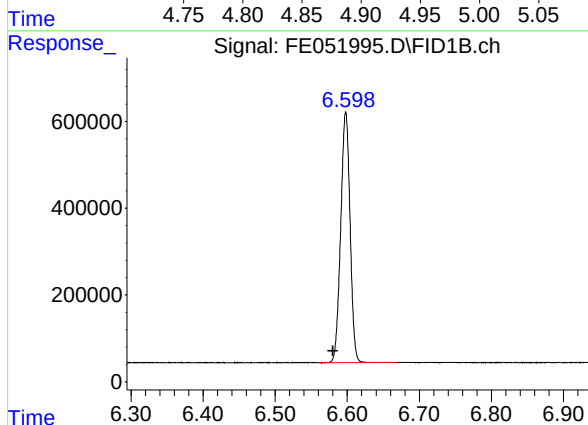
R.T.: 3.681 min
Delta R.T.: 0.031 min
Response: 4100310
Conc: 38.46 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166164BS



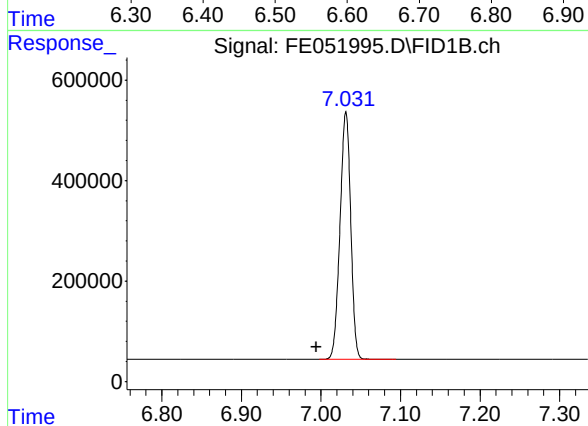
#2 n-Decane (C10)

R.T.: 4.906 min
Delta R.T.: 0.006 min
Response: 4383599
Conc: 40.04 ug/ml



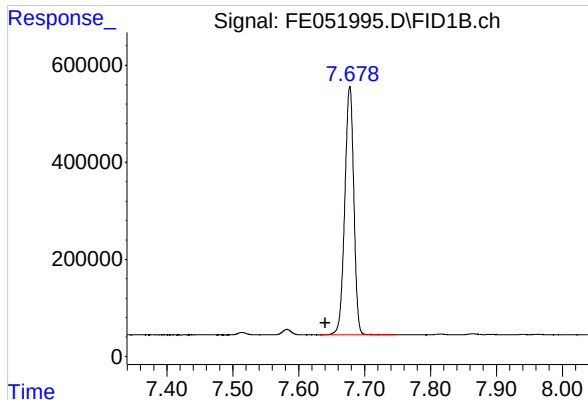
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min
Delta R.T.: 0.018 min
Response: 5212652
Conc: 42.90 ug/ml



#4 n-Dodecane (C12)

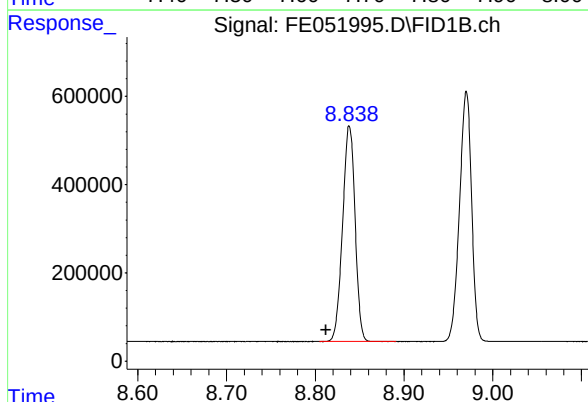
R.T.: 7.031 min
Delta R.T.: 0.037 min
Response: 4601843
Conc: 40.77 ug/ml



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

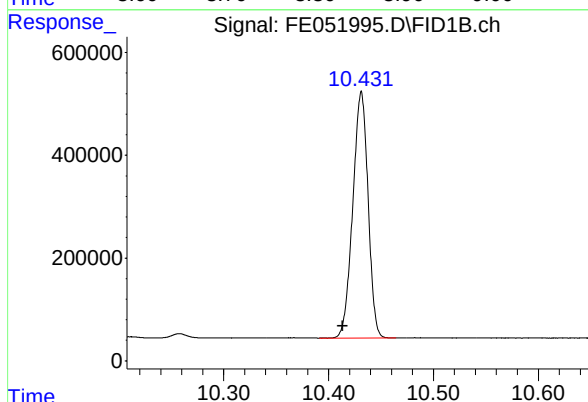
R.T.: 7.677 min
Delta R.T.: 0.037 min
Response: 4874267
Conc: 40.83 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166164BS



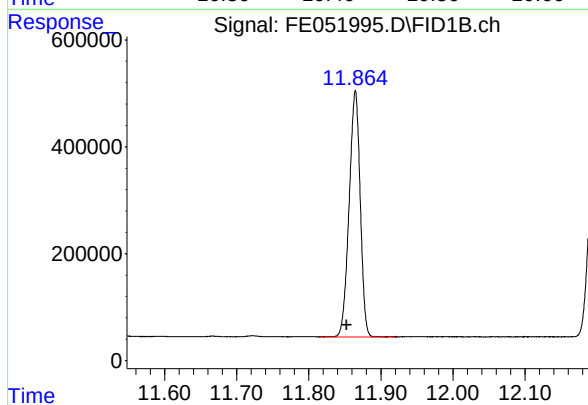
#6 n-Tetradecane (C14)

R.T.: 8.838 min
Delta R.T.: 0.026 min
Response: 4789749
Conc: 41.18 ug/ml



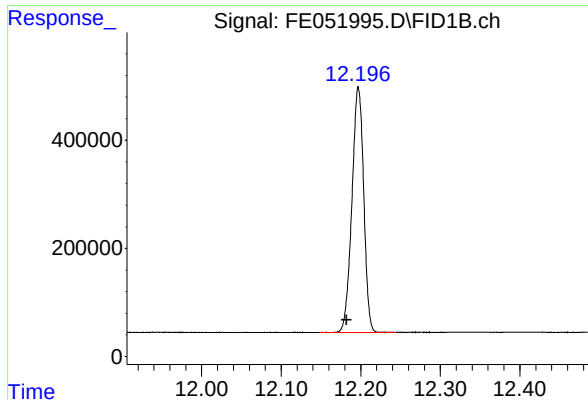
#7 n-Hexadecane (C16)

R.T.: 10.431 min
Delta R.T.: 0.018 min
Response: 4857166
Conc: 38.51 ug/ml



#8 n-Octadecane (C18)

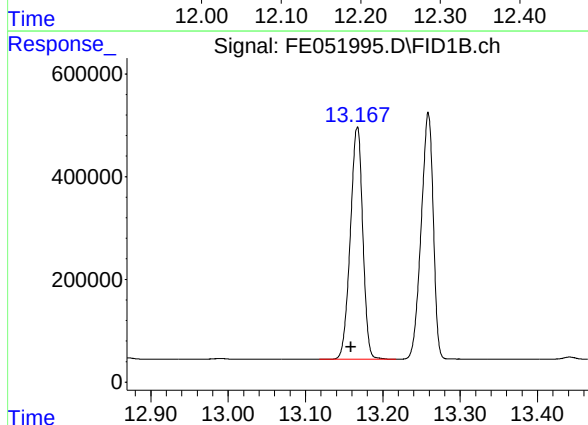
R.T.: 11.864 min
Delta R.T.: 0.012 min
Response: 4912290
Conc: 37.13 ug/ml



#9 ortho-Terphenyl (SURR)

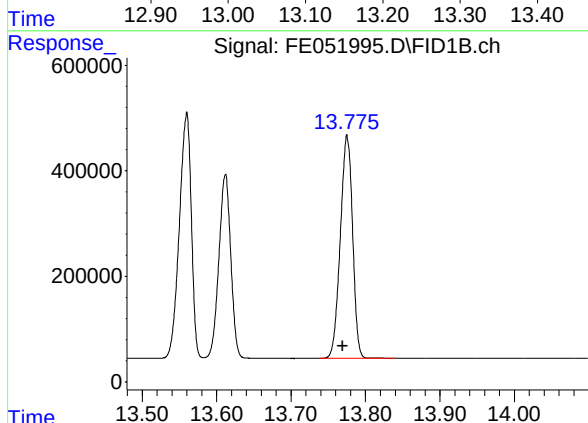
R.T.: 12.197 min
Delta R.T.: 0.015 min
Response: 4670412
Conc: 32.68 ug/ml

Instrument :
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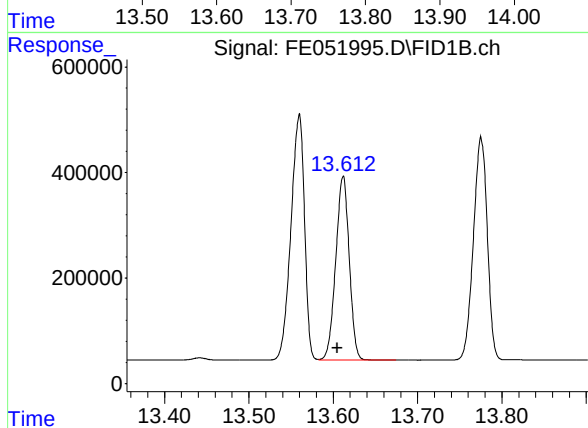
#10 n-Eicosane (C20)

R.T.: 13.167 min
Delta R.T.: 0.008 min
Response: 5062084
Conc: 38.61 ug/ml



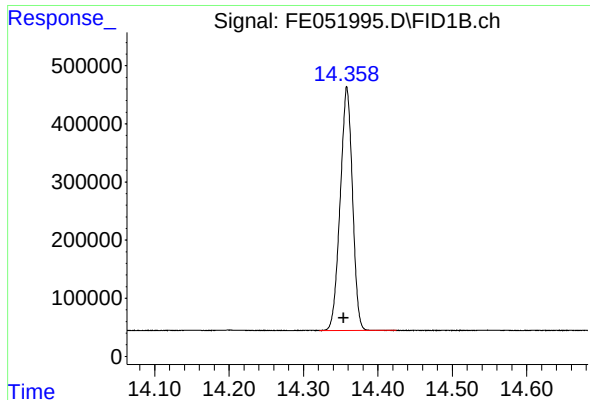
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.006 min
Response: 4845128
Conc: 37.22 ug/ml



#12 1-chlorooctadecane (SURR)

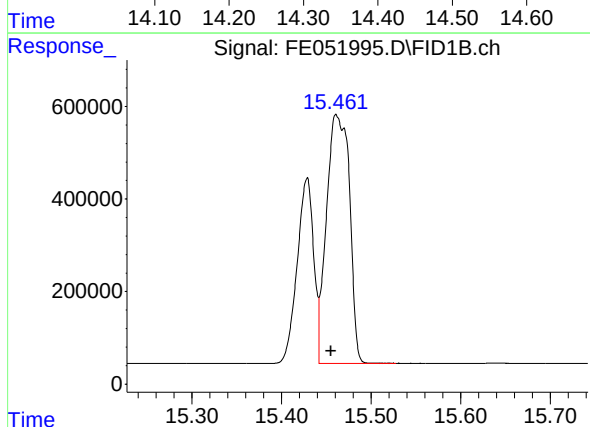
R.T.: 13.612 min
Delta R.T.: 0.007 min
Response: 3872801
Conc: 33.76 ug/ml



#13 n-Docosane (C22)

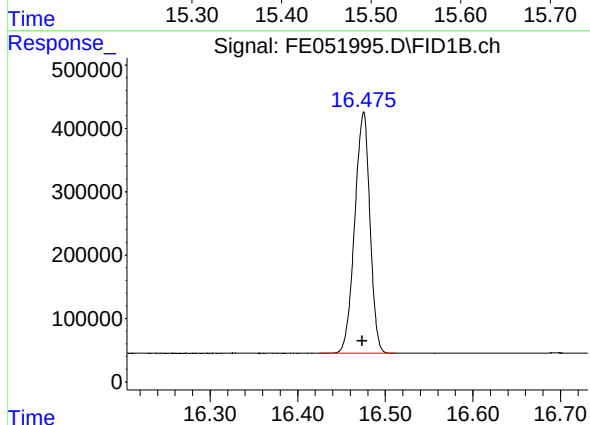
R.T.: 14.358 min
Delta R.T.: 0.004 min
Response: 4800820
Conc: 36.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166164BS



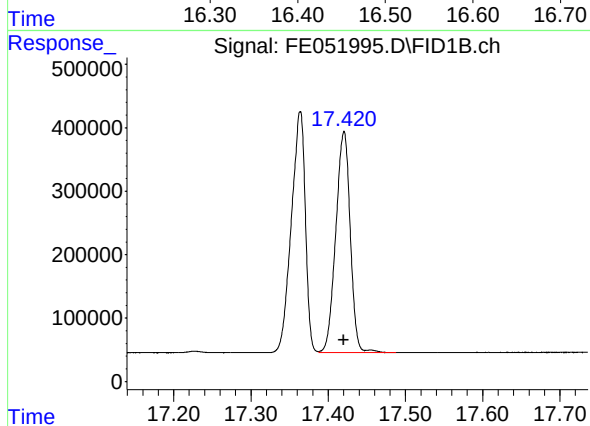
#14 n-Tetracosane (C24)

R.T.: 15.462 min
Delta R.T.: 0.007 min
Response: 9577627
Conc: 72.10 ug/ml



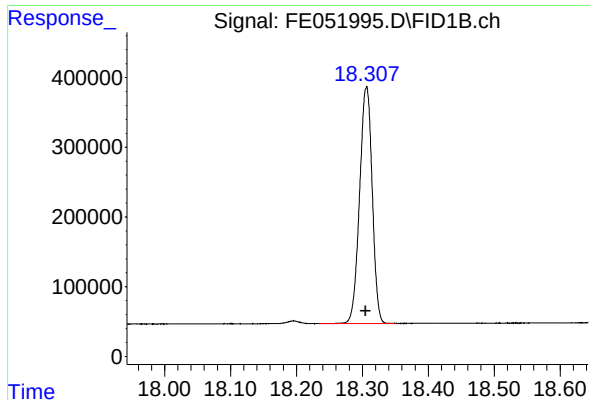
#15 n-Hexacosane (C26)

R.T.: 16.475 min
Delta R.T.: 0.000 min
Response: 4593731
Conc: 34.75 ug/ml



#16 n-Octacosane (C28)

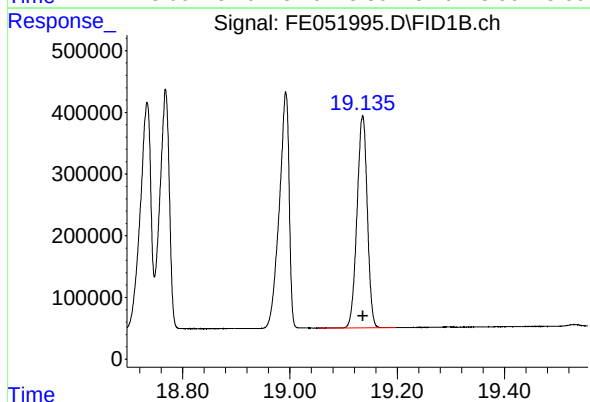
R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 4536647
Conc: 34.37 ug/ml



#17 n-Tricontane (C30)

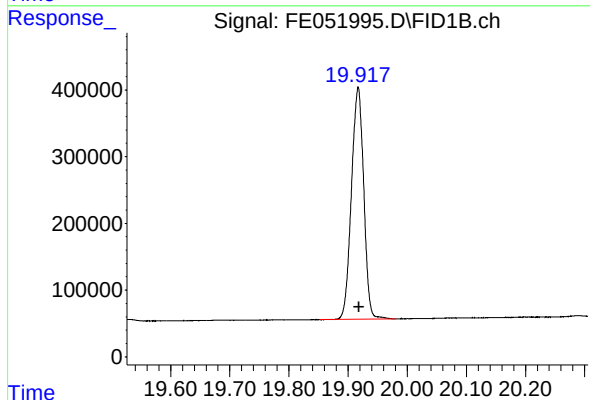
R.T.: 18.306 min
Delta R.T.: 0.001 min
Response: 4514386
Conc: 33.11 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166164BS



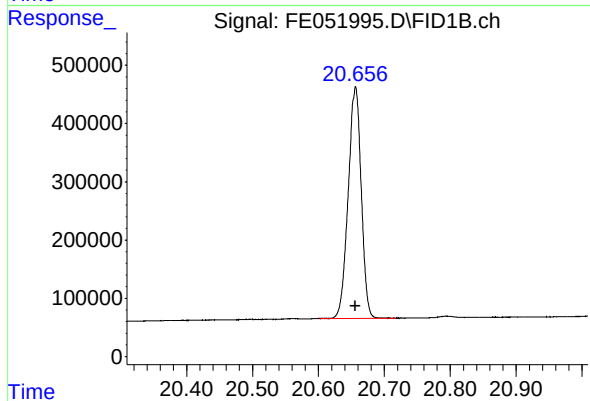
#18 n-Dotriacontane (C32)

R.T.: 19.135 min
Delta R.T.: 0.000 min
Response: 4580996
Conc: 34.95 ug/ml



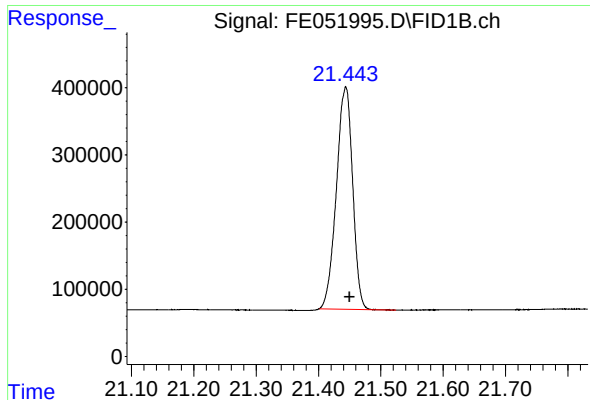
#19 n-Tetratriacontane (C34)

R.T.: 19.917 min
Delta R.T.: -0.002 min
Response: 5013524
Conc: 44.53 ug/ml



#20 n-Hexatriacontane (C36)

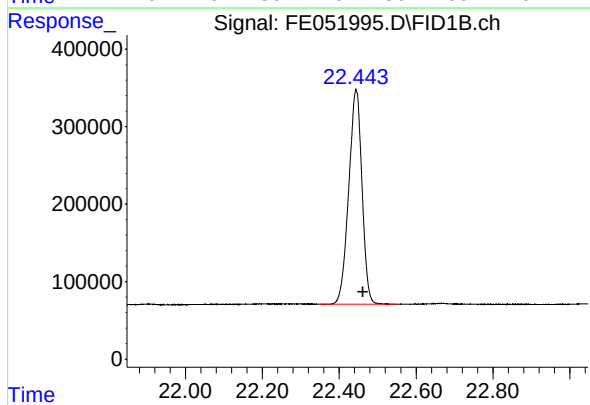
R.T.: 20.656 min
Delta R.T.: 0.000 min
Response: 5457684
Conc: 57.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.443 min
Delta R.T.: -0.007 min
Response: 5998199
Conc: 69.44 ug/ml

Instrument :
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ClientSampleId :
PB166164BS



#22 n-Tetracontane (C40)

R.T.: 22.444 min
Delta R.T.: -0.018 min
Response: 6626275
Conc: 80.41 ug/ml