

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053105.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2025 20:57
 Operator : YP\AJ
 Sample : Q1681-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-12MS

Integration File: autoint1.e
 Quant Time: Apr 02 04:49:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.893	5133677	31.518 ug/ml
Spiked Amount 50.000		Recovery =	63.04%
12) S 1-chlorooctadecane (S...	13.337	3892281	32.424 ug/ml
Spiked Amount 50.000		Recovery =	64.85%
Target Compounds			
1) T n-Nonane (C9)	3.235	4334091	27.991 ug/ml
2) T n-Decane (C10)	4.500	4819582	30.726 ug/ml
3) T A~Naphthalene (C11.7)	6.212	5435290	32.355 ug/ml
4) T n-Dodecane (C12)	6.681	5236136	33.479 ug/ml
5) T A~2-methylnaphthalene...	7.314	5096933	31.944 ug/ml
6) T n-Tetradecane (C14)	8.517	5469537	35.722 ug/ml
7) T n-Hexadecane (C16)	10.130	5736616	37.215 ug/ml
8) T n-Octadecane (C18)	11.578	5687586	37.501 ug/ml
10) T n-Eicosane (C20)	12.892	5742325	40.276 ug/ml
11) T n-Heneicosane (C21)	13.506	5482544	39.508 ug/ml
13) T n-Docosane (C22)	14.094	5451441	39.804 ug/ml
14) T n-Tetracosane (C24)	15.188	11264255	83.403 ug/ml
15) T n-Hexacosane (C26)	16.225	5365204	40.217 ug/ml
16) T n-Octacosane (C28)	17.175	5597170	42.413 ug/ml
17) T n-Tricontane (C30)	18.066	5450030	40.210 ug/ml
18) T n-Dotriacontane (C32)	18.899	5470334	40.653 ug/ml
19) T n-Tetratriacontane (C34)	19.684	5572397	43.065 ug/ml
20) T n-Hexatriacontane (C36)	20.427	5573229	46.917 ug/ml
21) T n-Octatriacontane (C38)	21.167	5706581	49.650 ug/ml
22) T n-Tetracontane (C40)	22.081	5533685	49.270 ug/ml

(f)=RT Delta > 1/2 Window

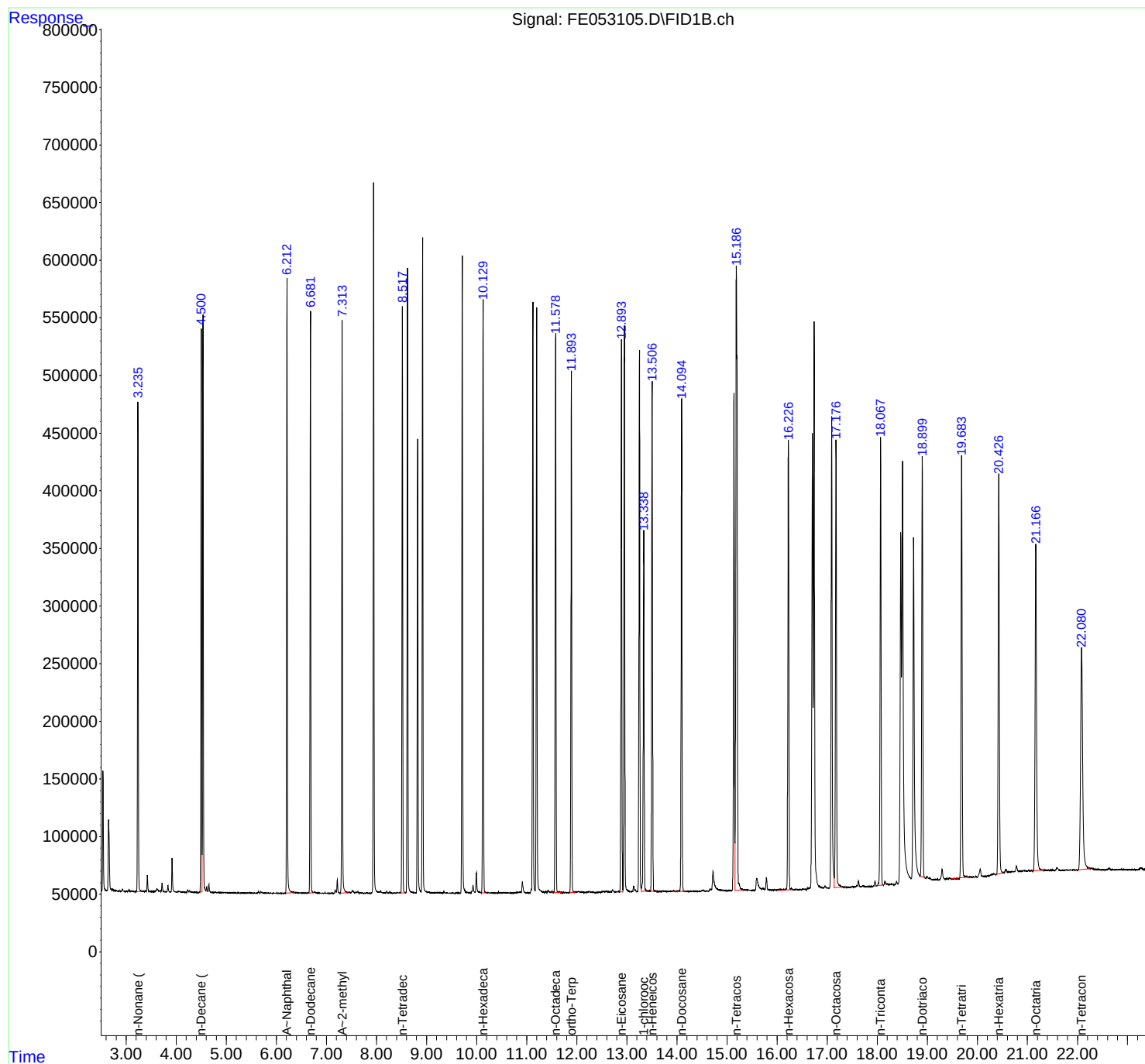
(m)=manual int.

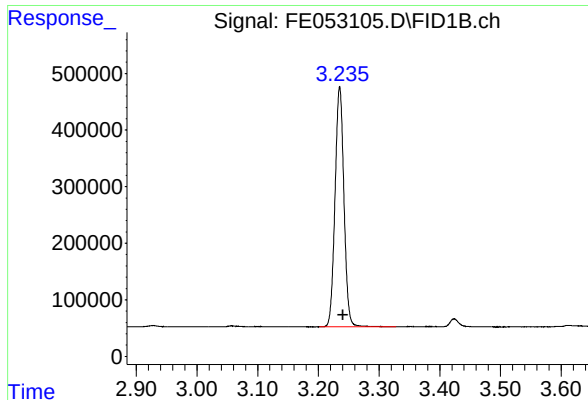
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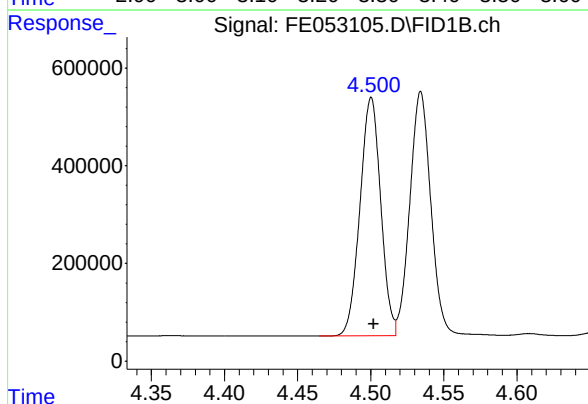




#1 n-Nonane (C9)

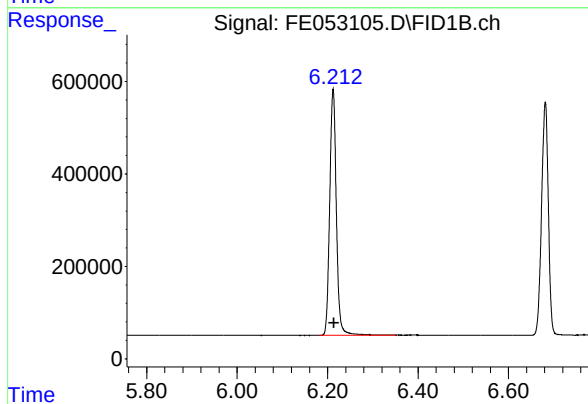
R.T.: 3.235 min
Delta R.T.: -0.006 min
Response: 4334091
Conc: 27.99 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MS



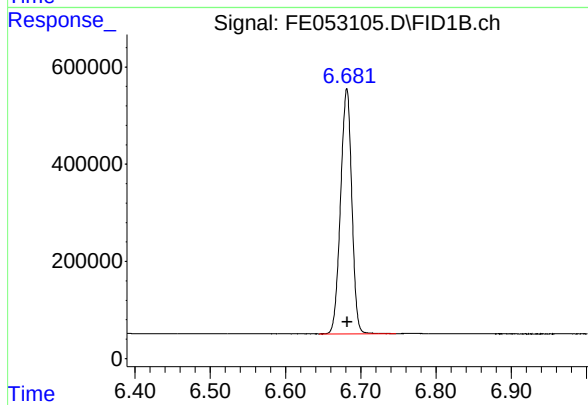
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 4819582
Conc: 30.73 ug/ml



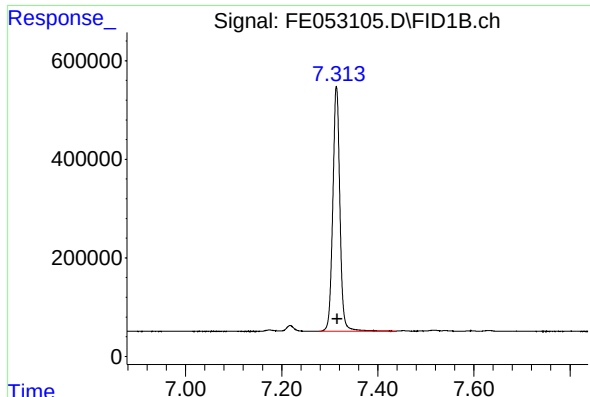
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 5435290
Conc: 32.35 ug/ml



#4 n-Dodecane (C12)

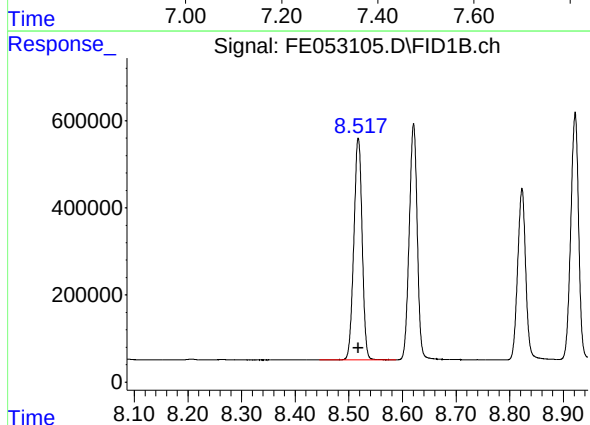
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 5236136
Conc: 33.48 ug/ml



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

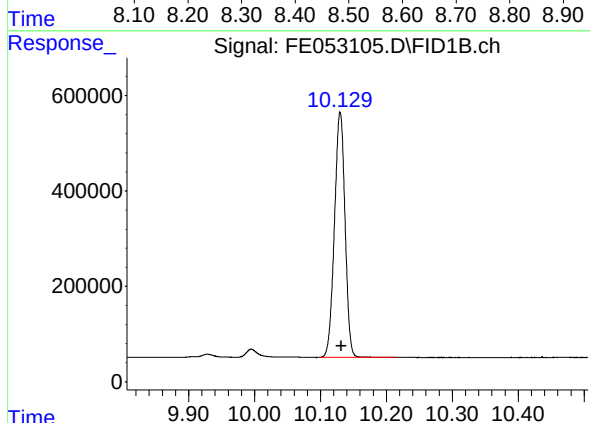
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 5096933
Conc: 31.94 ug/ml

Instrument :
FID_E
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TP-12MS



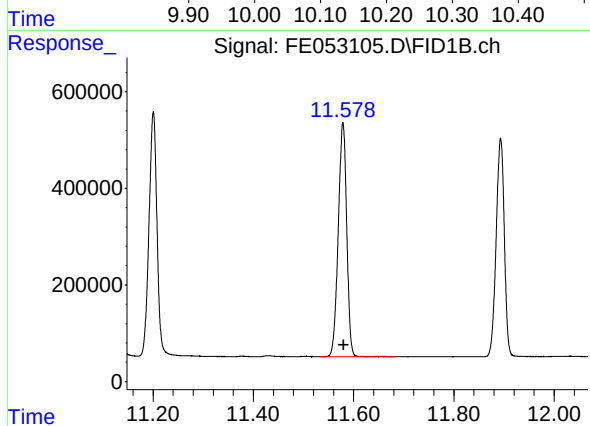
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 5469537
Conc: 35.72 ug/ml



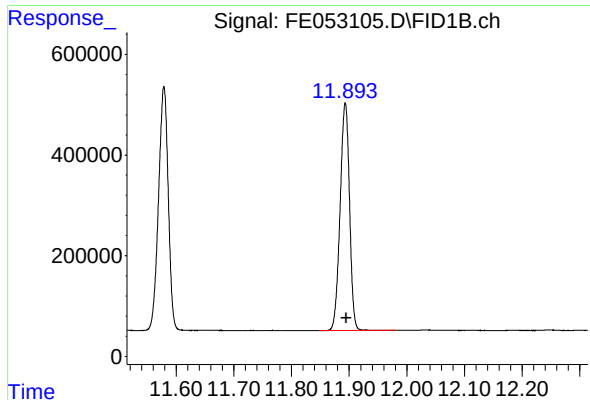
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 5736616
Conc: 37.22 ug/ml



#8 n-Octadecane (C18)

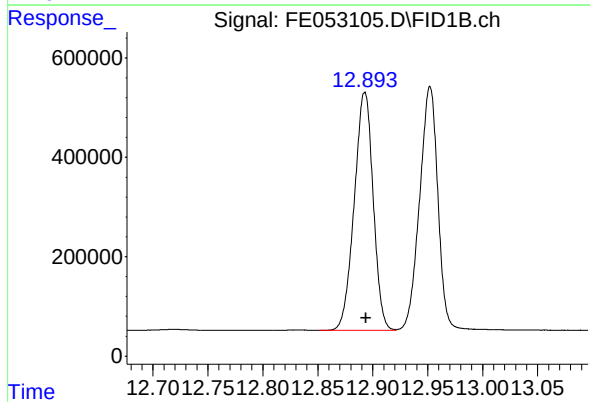
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 5687586
Conc: 37.50 ug/ml



#9 ortho-Terphenyl (SURR)

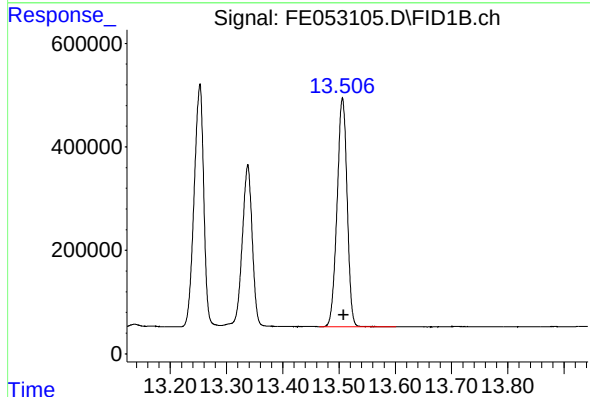
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 5133677
Conc: 31.52 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MS



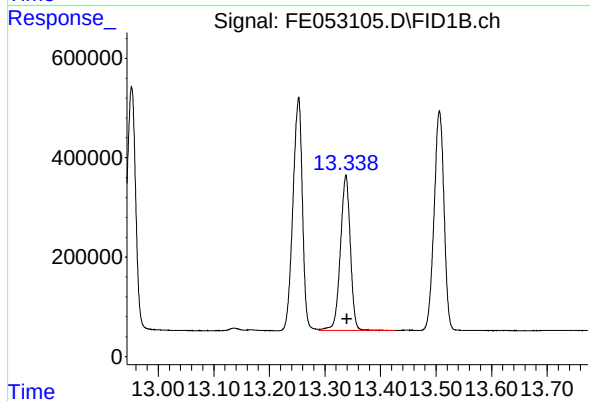
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 5742325
Conc: 40.28 ug/ml



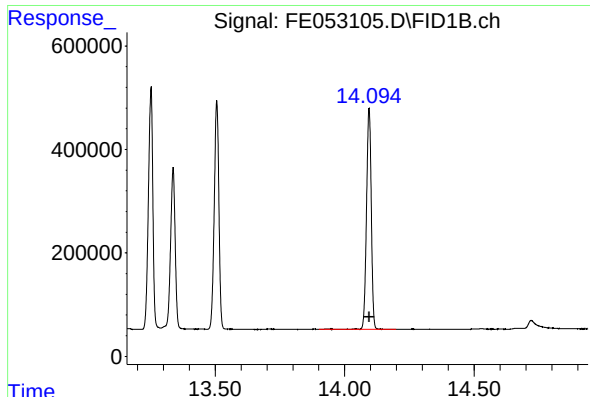
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.002 min
Response: 5482544
Conc: 39.51 ug/ml



#12 1-chlorooctadecane (SURR)

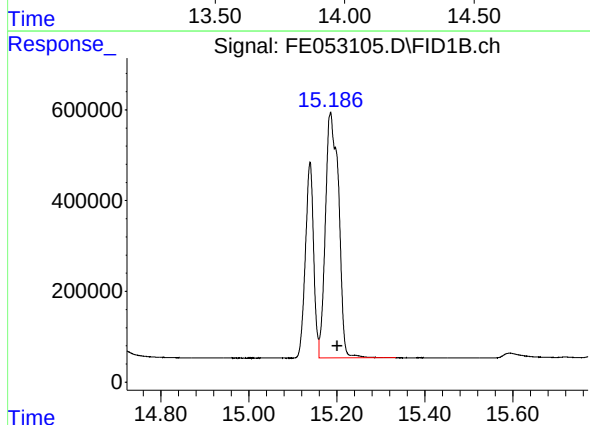
R.T.: 13.337 min
Delta R.T.: -0.002 min
Response: 3892281
Conc: 32.42 ug/ml



#13 n-Docosane (C22)

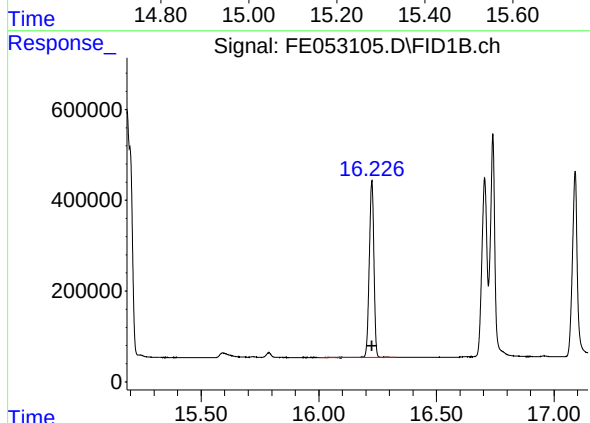
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 5451441
Conc: 39.80 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MS



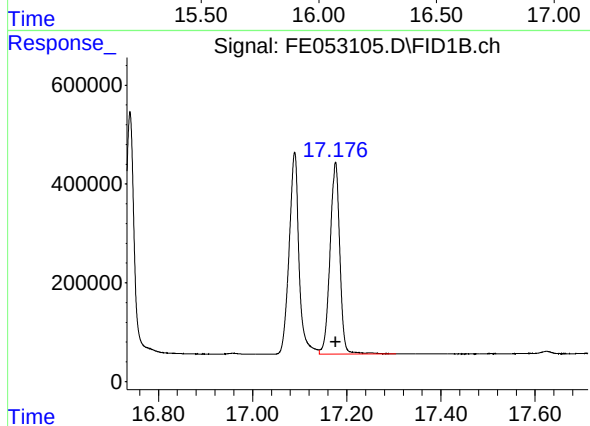
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.013 min
Response: 11264255
Conc: 83.40 ug/ml



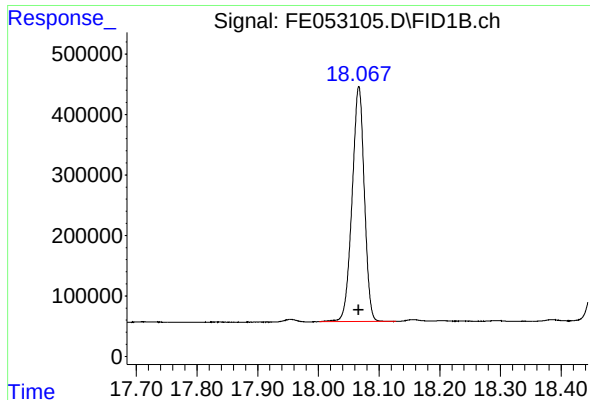
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 5365204
Conc: 40.22 ug/ml



#16 n-Octacosane (C28)

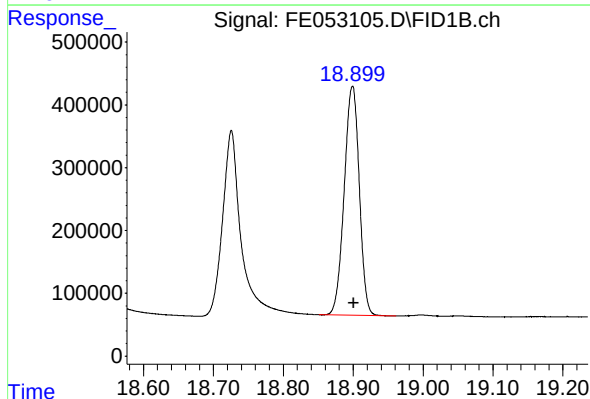
R.T.: 17.175 min
Delta R.T.: -0.001 min
Response: 5597170
Conc: 42.41 ug/ml



#17 n-Tricontane (C30)

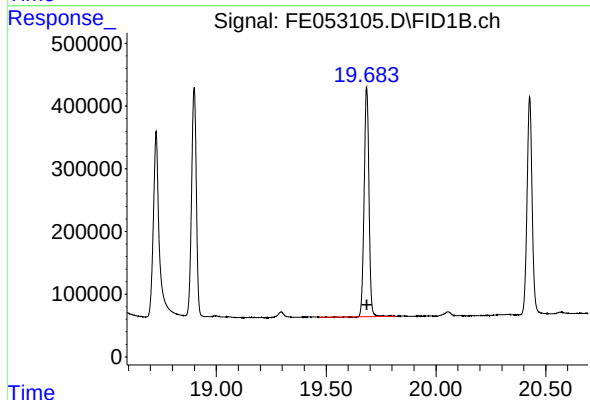
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 5450030
Conc: 40.21 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MS



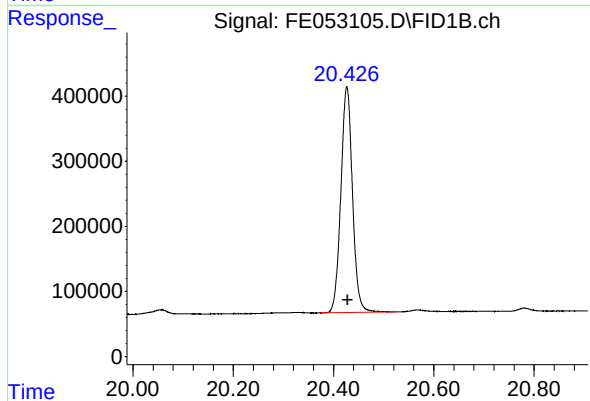
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 5470334
Conc: 40.65 ug/ml



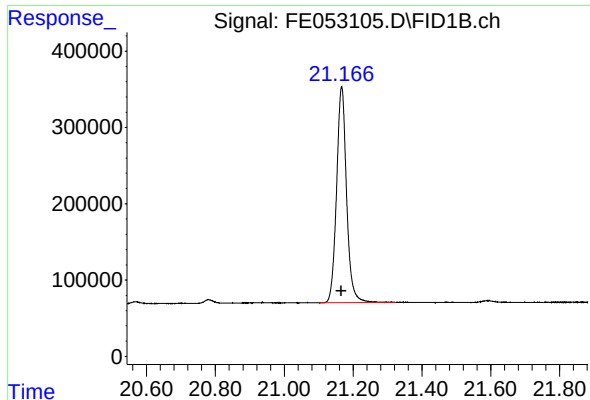
#19 n-Tetatriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 5572397
Conc: 43.06 ug/ml



#20 n-Hexatriacontane (C36)

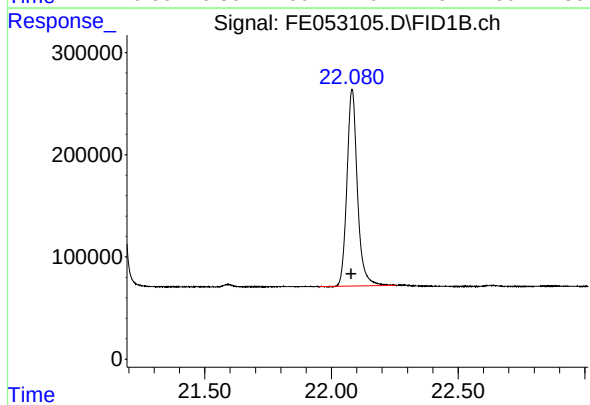
R.T.: 20.427 min
Delta R.T.: -0.001 min
Response: 5573229
Conc: 46.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.002 min
Response: 5706581
Conc: 49.65 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MS



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.003 min
Response: 5533685
Conc: 49.27 ug/ml