

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041975.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 05:20
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 18 06:16:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:16:38 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)	11.967	1750004	9.970 ug/ml
Spiked Amount 50.000		Recovery =	19.94%
12) S 1-chlorooctadecane (S...	13.403	1319761	10.068 ug/ml
Spiked Amount 50.000		Recovery =	20.14%
Target Compounds			
1) T n-Nonane (C9)	3.347	1425237	9.937 ug/ml
2) T n-Decane (C10)	4.600	1459771	9.912 ug/ml
3) T A~Naphthalene (C11.7)	6.307	1611538	9.900 ug/ml
4) T n-Dodecane (C12)	6.767	1475394	9.899 ug/ml
5) T A~2-methylnaphthalene...	7.403	1557842	9.839 ug/ml
6) T n-Tetradecane (C14)	8.596	1473280	9.891 ug/ml
7) T n-Hexadecane (C16)	10.204	1532559	9.898 ug/ml
8) T n-Octadecane (C18)	11.648	1559983	9.939 ug/ml
10) T n-Eicosane (C20)	12.958	1500471	9.977 ug/ml
11) T n-Heneicosane (C21)	13.570	1468633	9.984 ug/ml
13) T n-Docosane (C22)	14.156	1457113	10.021 ug/ml
14) T n-Tetracosane (C24)	15.259	1444808	10.126 ug/ml
15) T n-Hexacosane (C26)	16.281	1393126	10.159 ug/ml
16) T n-Octacosane (C28)	17.230	1347902	10.206 ug/ml
17) T n-Tricontane (C30)	18.119	1349776	10.199 ug/ml
18) T n-Dotriacontane (C32)	18.950	1323076	10.167 ug/ml
19) T n-Tetratriacontane (C34)	19.735	1296097	10.089 ug/ml
20) T n-Hexatriacontane (C36)	20.476	1280285	10.040 ug/ml
21) T n-Octatriacontane (C38)	21.226	1363240	10.242 ug/ml
22) T n-Tetracontane (C40)	22.162	1400328	10.252 ug/ml

(f)=RT Delta > 1/2 Window

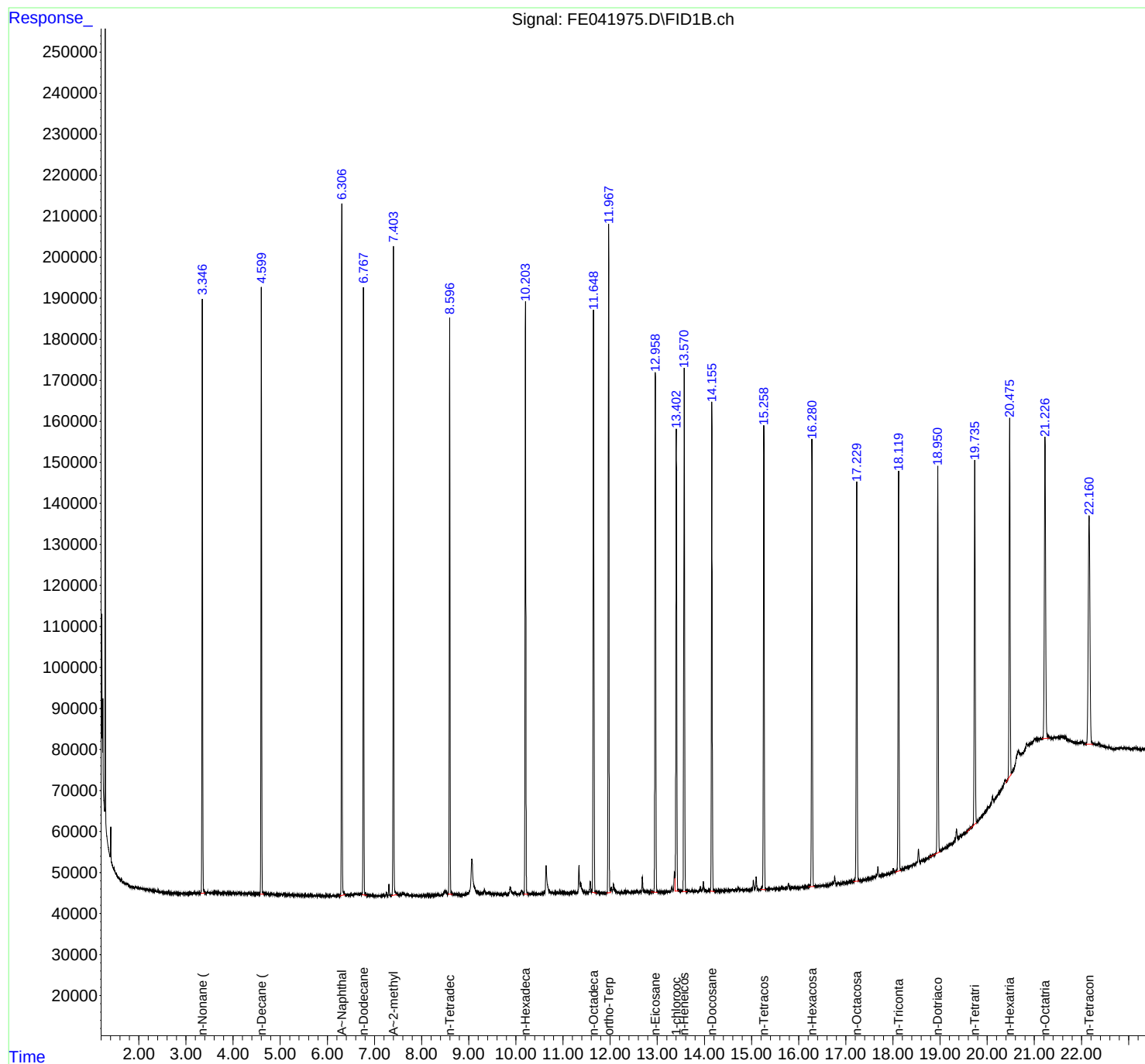
(m)=manual int.

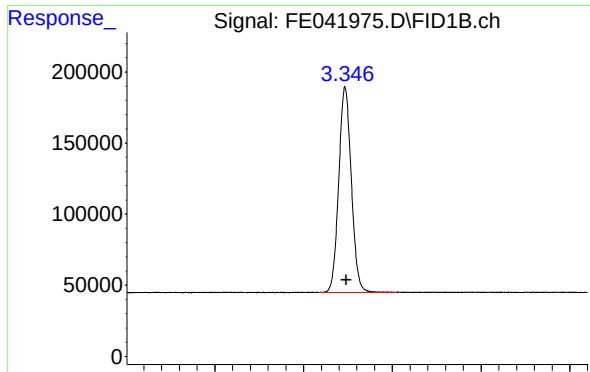
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
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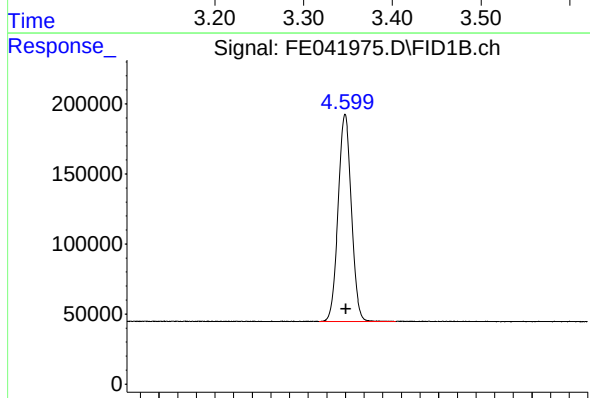




#1 n-Nonane (C9)

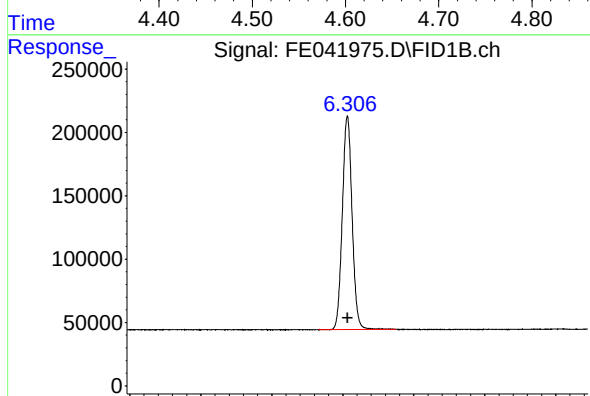
R.T.: 3.347 min
Delta R.T.: -0.001 min
Response: 1425237
Conc: 9.94 ug/ml

Instrument : FID_E
ClientSampleId :



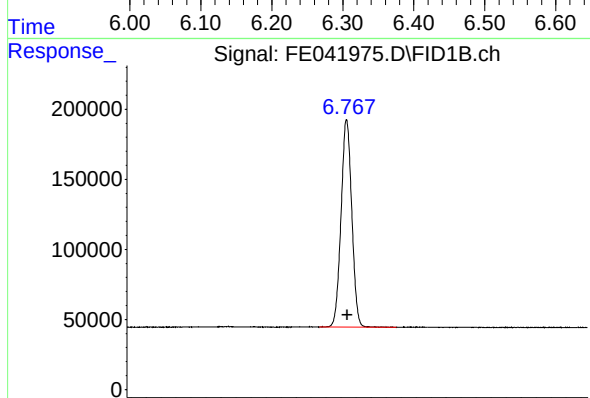
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 1459771
Conc: 9.91 ug/ml



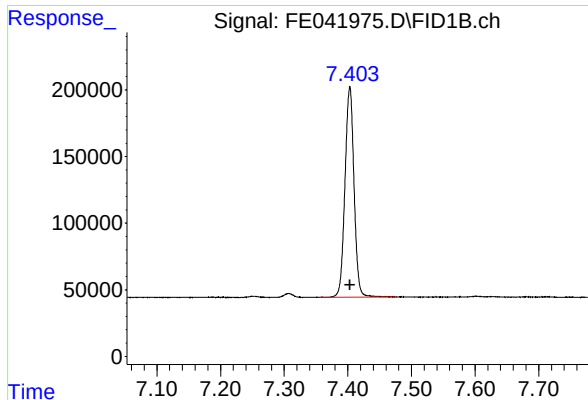
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 1611538
Conc: 9.90 ug/ml



#4 n-Dodecane (C12)

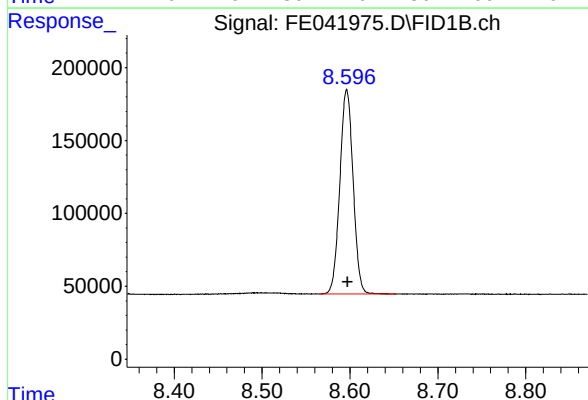
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1475394
Conc: 9.90 ug/ml



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

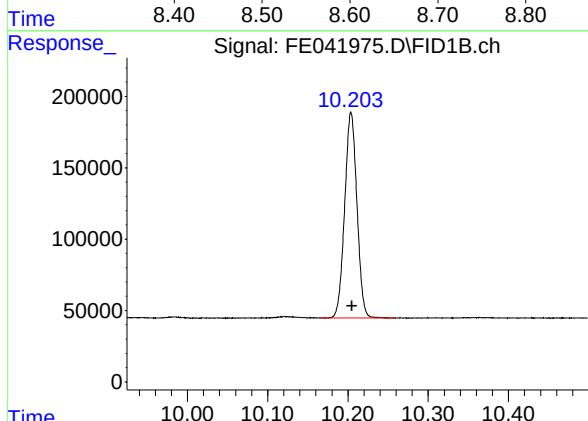
R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 1557842
Conc: 9.84 ug/ml

Instrument :
FID_E
ClientSampleId :



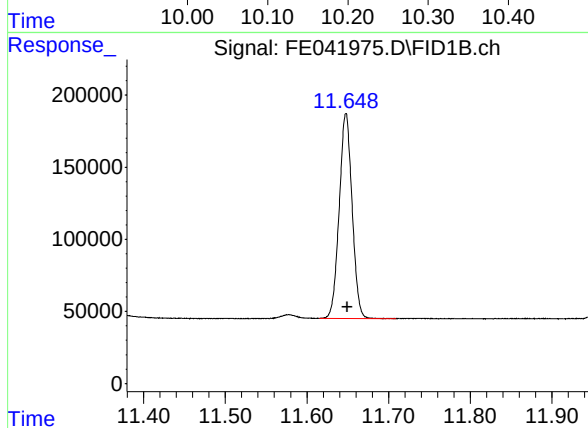
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 1473280
Conc: 9.89 ug/ml



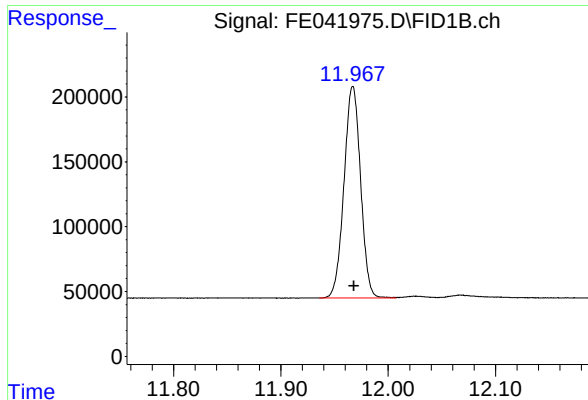
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.001 min
Response: 1532559
Conc: 9.90 ug/ml



#8 n-Octadecane (C18)

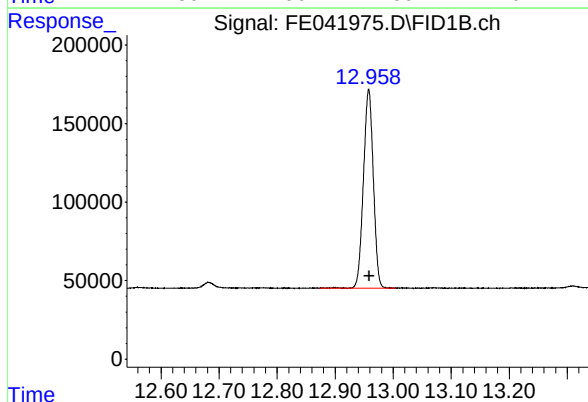
R.T.: 11.648 min
Delta R.T.: -0.001 min
Response: 1559983
Conc: 9.94 ug/ml



#9 ortho-Terphenyl (SURR)

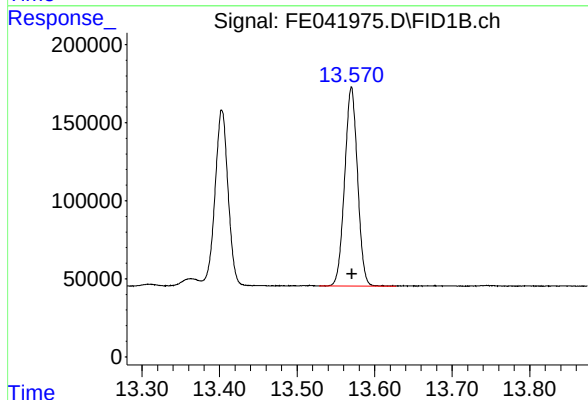
R.T.: 11.967 min
Delta R.T.: -0.001 min
Response: 1750004
Conc: 9.97 ug/ml

Instrument :
FID_E
ClientSampleId :



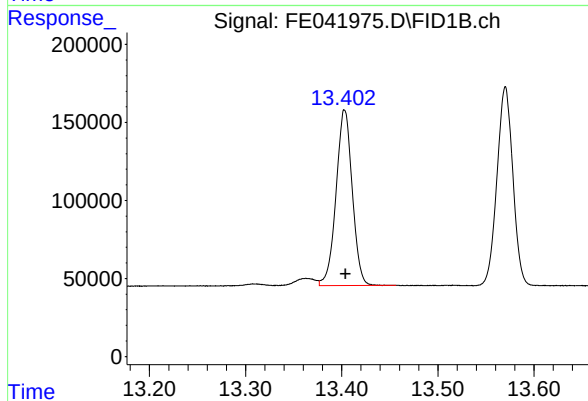
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 1500471
Conc: 9.98 ug/ml



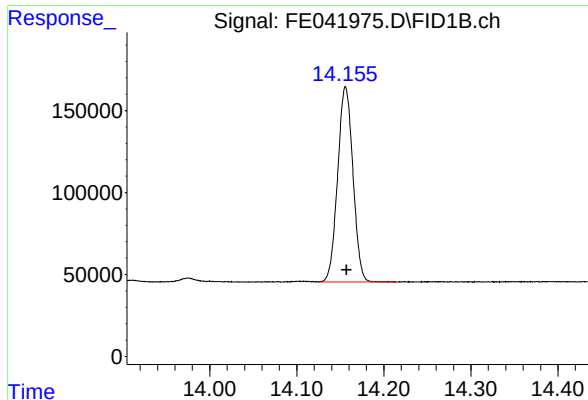
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: 0.000 min
Response: 1468633
Conc: 9.98 ug/ml



#12 1-chlorooctadecane (SURR)

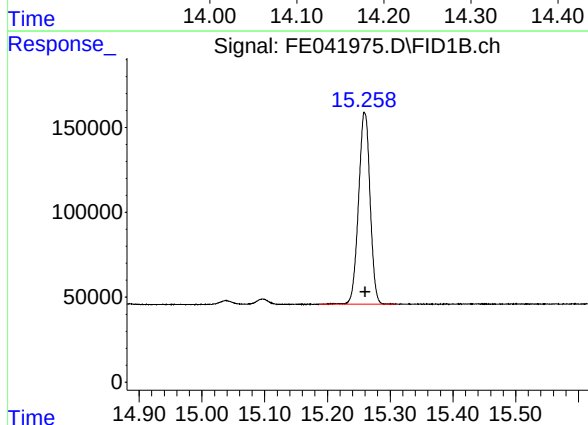
R.T.: 13.403 min
Delta R.T.: -0.001 min
Response: 1319761
Conc: 10.07 ug/ml



#13 n-Docosane (C22)

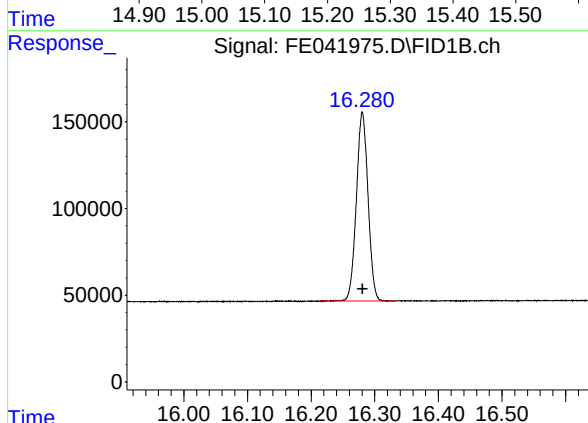
R.T.: 14.156 min
Delta R.T.: -0.001 min
Response: 1457113
Conc: 10.02 ug/ml

Instrument :
FID_E
ClientSampleId :



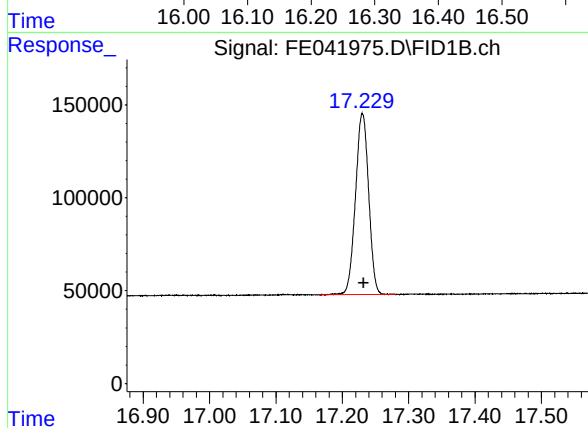
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.001 min
Response: 1444808
Conc: 10.13 ug/ml



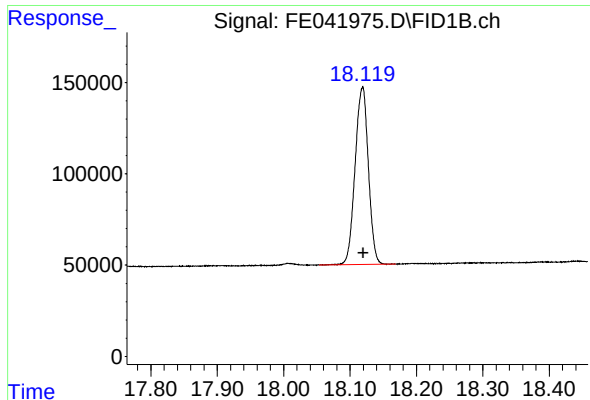
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.000 min
Response: 1393126
Conc: 10.16 ug/ml



#16 n-Octacosane (C28)

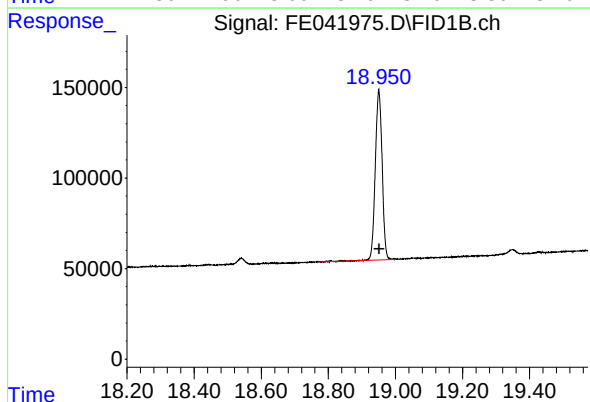
R.T.: 17.230 min
Delta R.T.: -0.002 min
Response: 1347902
Conc: 10.21 ug/ml



#17 n-Tricontane (C30)

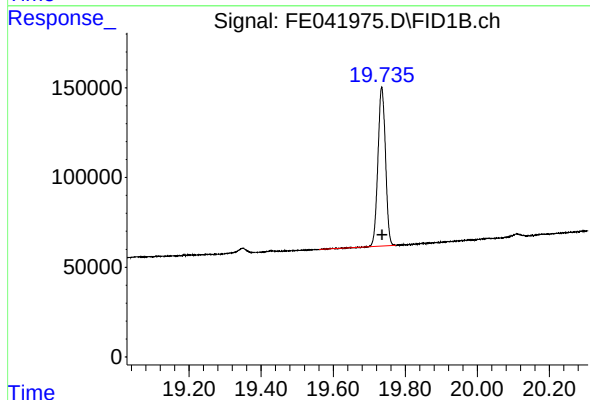
R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 1349776
Conc: 10.20 ug/ml

Instrument :
FID_E
ClientSampleId :



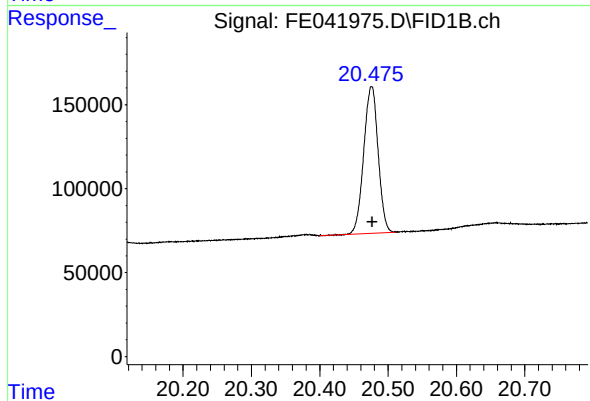
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.001 min
Response: 1323076
Conc: 10.17 ug/ml



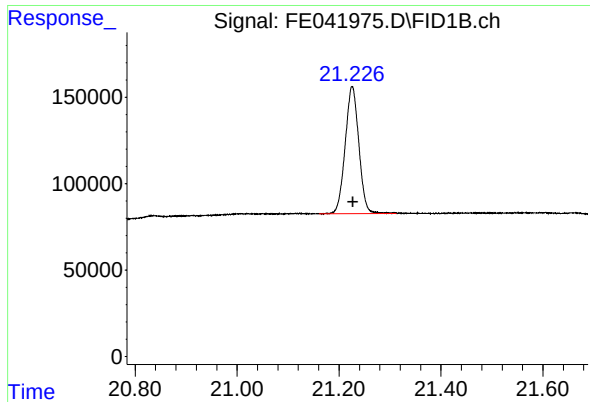
#19 n-Tetatriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.002 min
Response: 1296097
Conc: 10.09 ug/ml



#20 n-Hexatriacontane (C36)

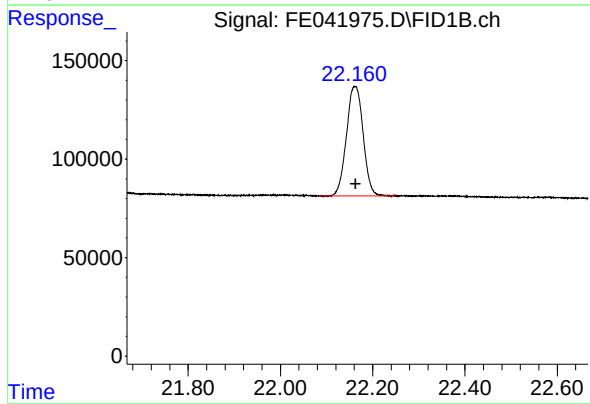
R.T.: 20.476 min
Delta R.T.: 0.000 min
Response: 1280285
Conc: 10.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.001 min
Response: 1363240
Conc: 10.24 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: -0.001 min
Response: 1400328
Conc: 10.25 ug/ml