

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053140.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 18:49
 Operator : YP\AJ
 Sample : Q1685-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-02-040125MS

Integration File: autoint1.e
 Quant Time: Apr 03 01:18:32 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)	11.891	4142980	25.435 ug/ml
Spiked Amount 50.000		Recovery =	50.87%
12) S 1-chlorooctadecane (S...	13.335	3283646	27.354 ug/ml
Spiked Amount 50.000		Recovery =	54.71%
Target Compounds			
1) T n-Nonane (C9)	3.235	4155091	26.835 ug/ml
2) T n-Decane (C10)	4.499	4538495	28.934 ug/ml
3) T A~Naphthalene (C11.7)	6.211	5229094	31.127 ug/ml
4) T n-Dodecane (C12)	6.680	5004112	31.996 ug/ml
5) T A~2-methylnaphthalene...	7.313	4893594	30.669 ug/ml
6) T n-Tetradecane (C14)	8.517	5309407	34.676 ug/ml
7) T n-Hexadecane (C16)	10.129	5393326	34.988 ug/ml
8) T n-Octadecane (C18)	11.577	5238923	34.543 ug/ml
10) T n-Eicosane (C20)	12.891	5333412	37.408 ug/ml
11) T n-Heneicosane (C21)	13.505	5021039	36.182 ug/ml
13) T n-Docosane (C22)	14.092	5034448	36.760 ug/ml
14) T n-Tetracosane (C24)	15.184	10148466	75.141 ug/ml
15) T n-Hexacosane (C26)	16.224	5095336	38.194 ug/ml
16) T n-Octacosane (C28)	17.174	5210045	39.480 ug/ml
17) T n-Tricontane (C30)	18.066	5272489	38.900 ug/ml
18) T n-Dotriacontane (C32)	18.900	5447137	40.480 ug/ml
19) T n-Tetratriacontane (C34)	19.686	6065807	46.878 ug/ml
20) T n-Hexatriacontane (C36)	20.430	5602765	47.165 ug/ml
21) T n-Octatriacontane (C38)	21.170	5742530	49.963 ug/ml
22) T n-Tetracontane (C40)	22.085	6391930	56.912 ug/ml

(f)=RT Delta > 1/2 Window

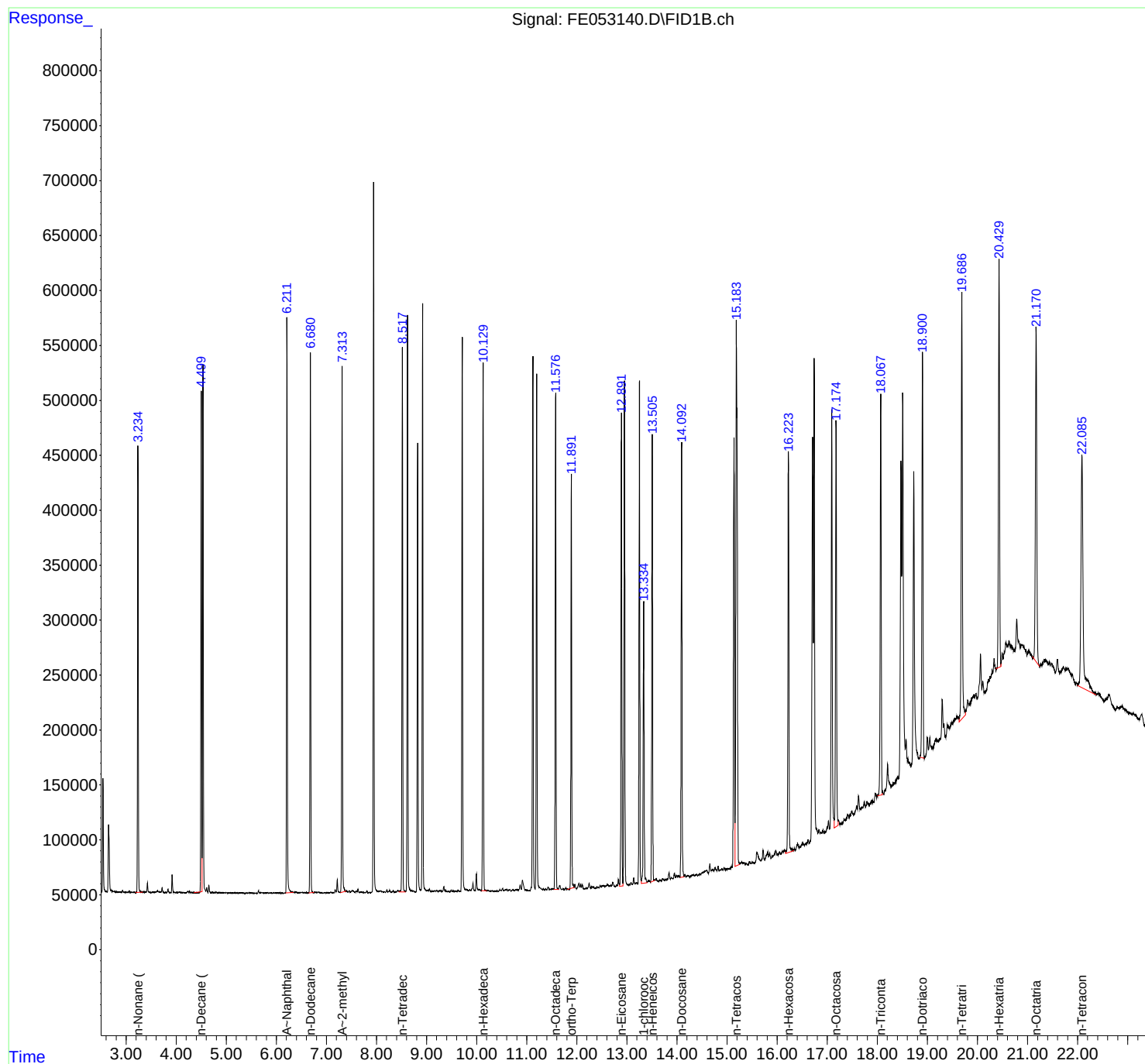
(m)=manual int.

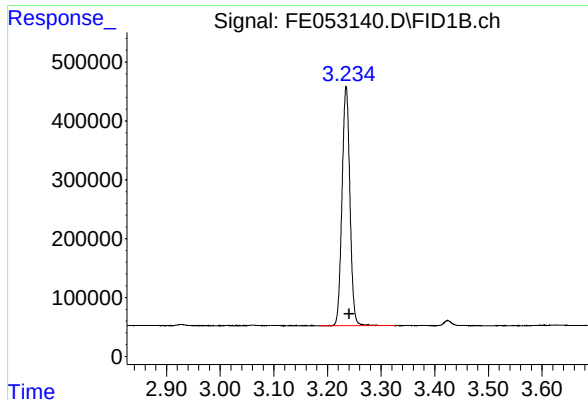
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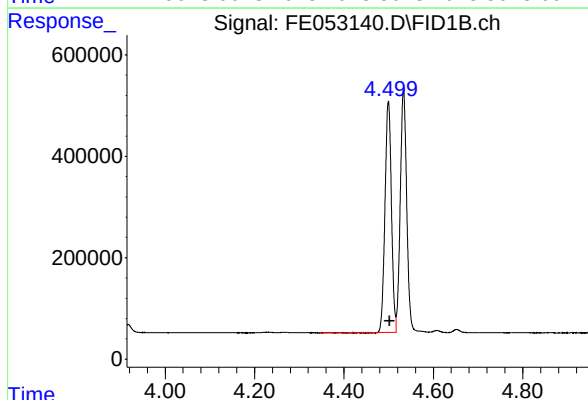




#1 n-Nonane (C9)

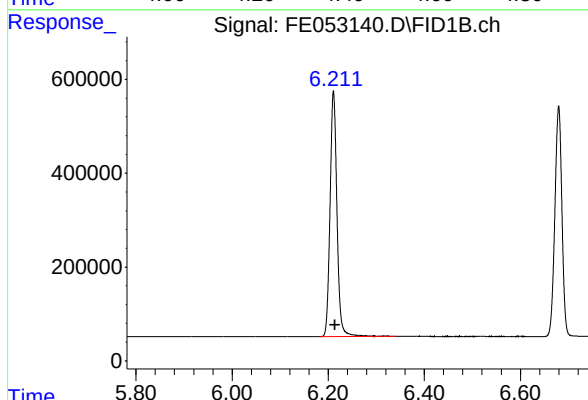
R.T.: 3.235 min
Delta R.T.: -0.006 min
Response: 4155091
Conc: 26.83 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-02-040125MS



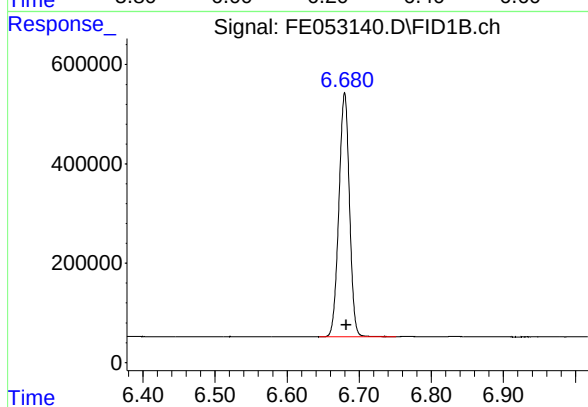
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.002 min
Response: 4538495
Conc: 28.93 ug/ml



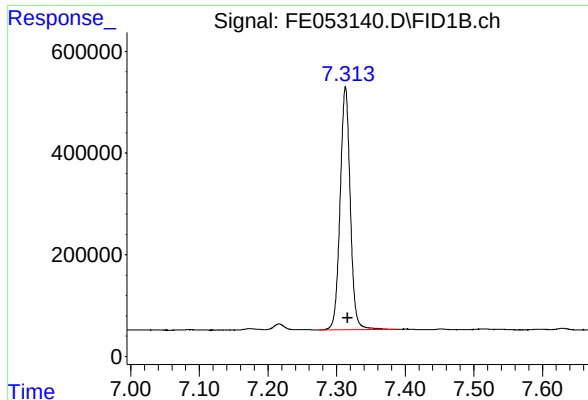
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 5229094
Conc: 31.13 ug/ml



#4 n-Dodecane (C12)

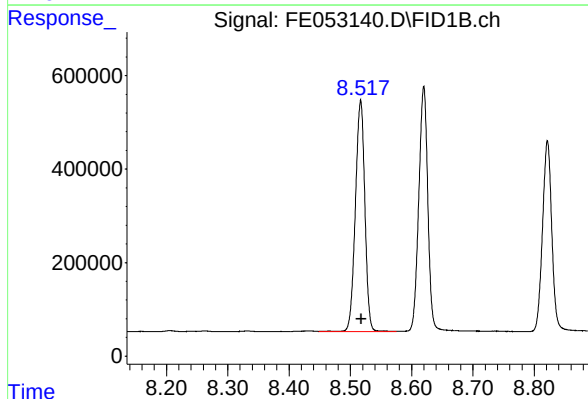
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 5004112
Conc: 32.00 ug/ml



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

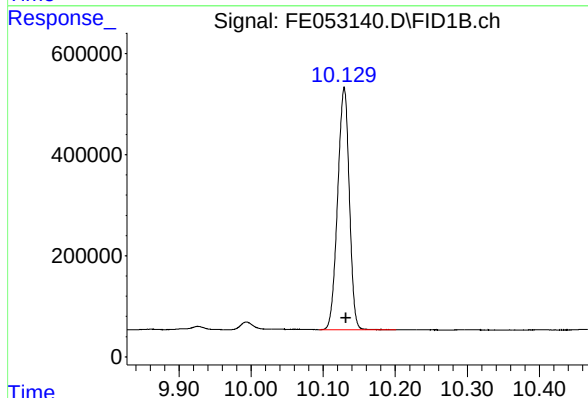
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 4893594
Conc: 30.67 ug/ml

Instrument :
FID_E
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HR-02-040125MS



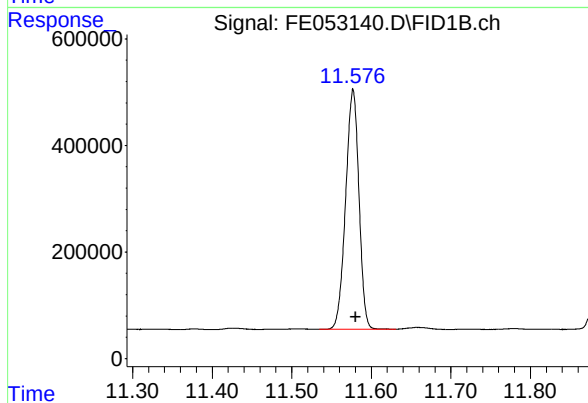
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 5309407
Conc: 34.68 ug/ml



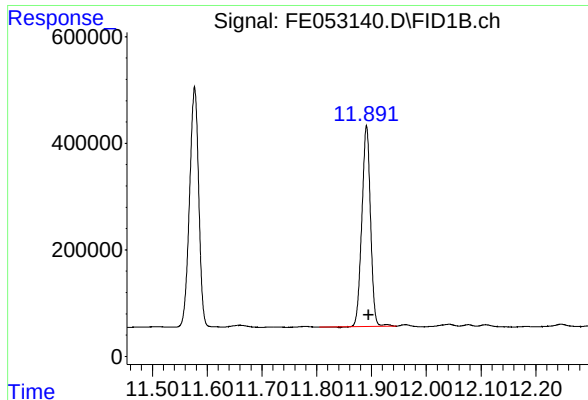
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 5393326
Conc: 34.99 ug/ml



#8 n-Octadecane (C18)

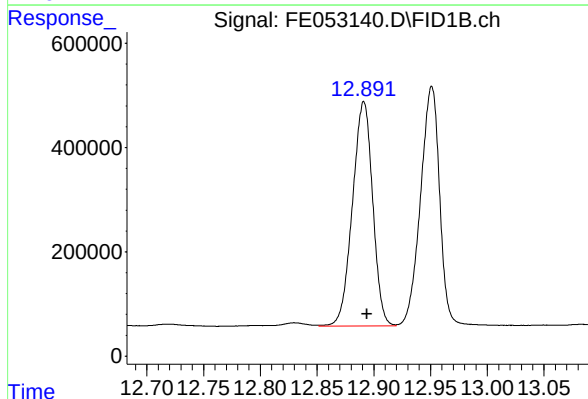
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 5238923
Conc: 34.54 ug/ml



#9 ortho-Terphenyl (SURR)

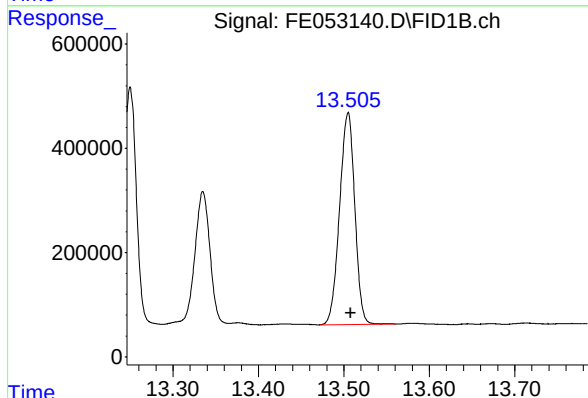
R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 4142980
Conc: 25.44 ug/ml

Instrument :
FID_E
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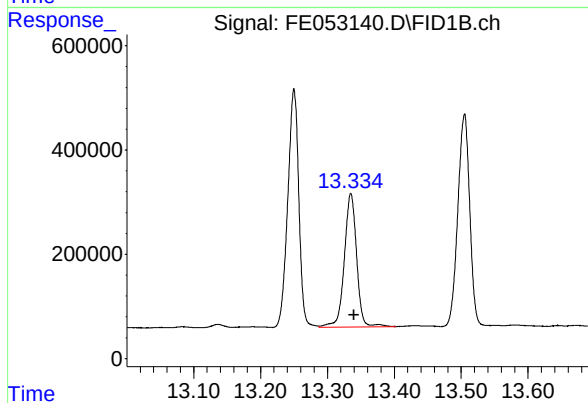
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 5333412
Conc: 37.41 ug/ml



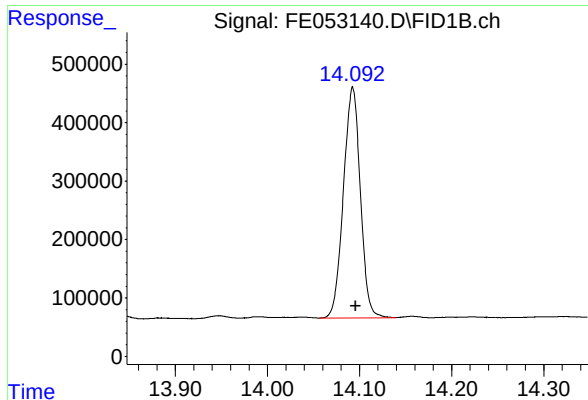
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 5021039
Conc: 36.18 ug/ml



#12 1-chlorooctadecane (SURR)

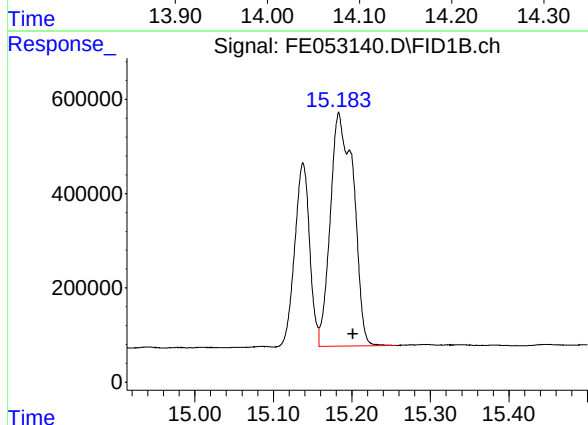
R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 3283646
Conc: 27.35 ug/ml



#13 n-Docosane (C22)

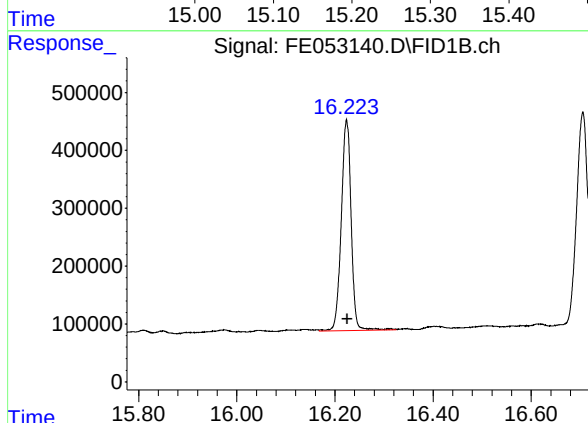
R.T.: 14.092 min
Delta R.T.: -0.003 min
Response: 5034448
Conc: 36.76 ug/ml

Instrument :
FID_E
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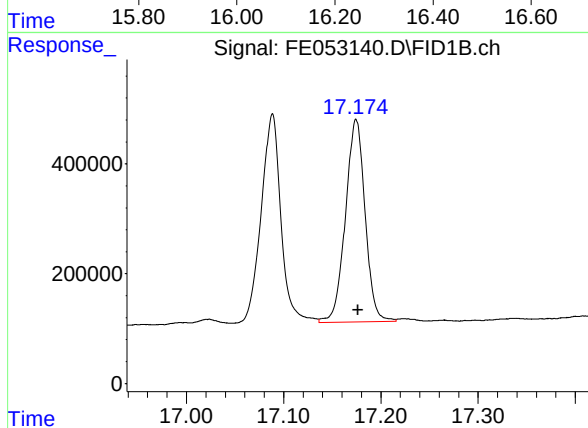
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.018 min
Response: 10148466
Conc: 75.14 ug/ml



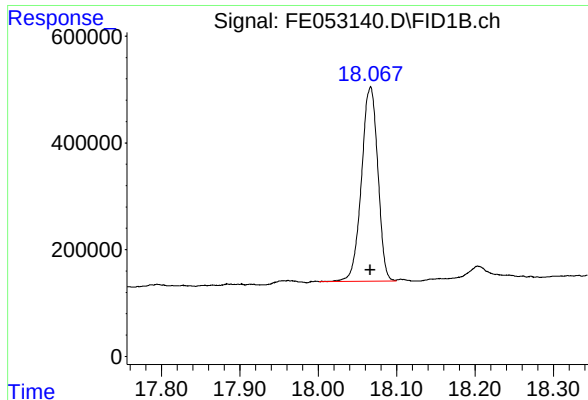
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.002 min
Response: 5095336
Conc: 38.19 ug/ml



#16 n-Octacosane (C28)

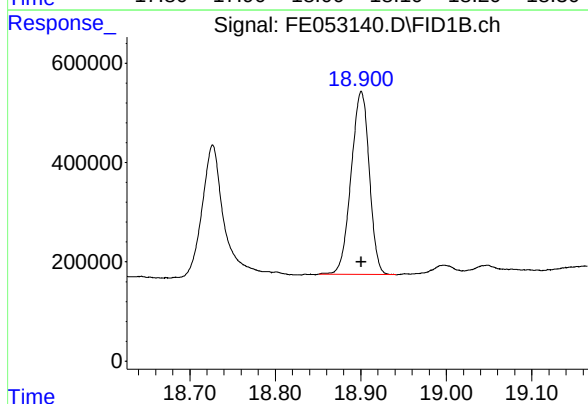
R.T.: 17.174 min
Delta R.T.: -0.002 min
Response: 5210045
Conc: 39.48 ug/ml



#17 n-Tricontane (C30)

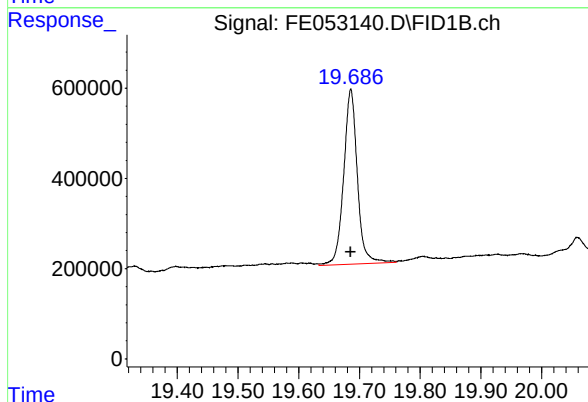
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 5272489
Conc: 38.90 ug/ml

Instrument :
FID_E
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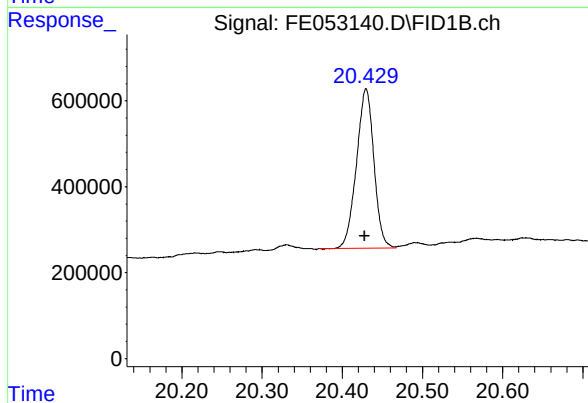
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 5447137
Conc: 40.48 ug/ml



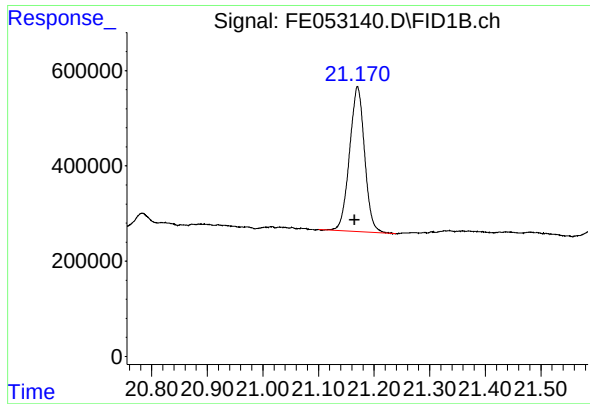
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.000 min
Response: 6065807
Conc: 46.88 ug/ml



#20 n-Hexatriacontane (C36)

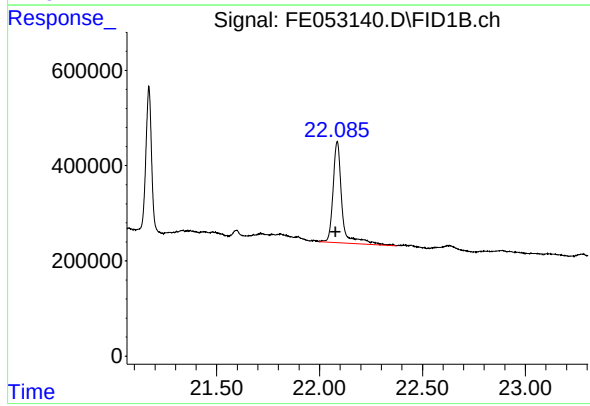
R.T.: 20.430 min
Delta R.T.: 0.002 min
Response: 5602765
Conc: 47.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.005 min
Response: 5742530
Conc: 49.96 ug/ml

Instrument :
FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: 0.007 min
Response: 6391930
Conc: 56.91 ug/ml