

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053076.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 17:33
 Operator : YP\AJ
 Sample : Q1675-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 P2MS

Integration File: autoint1.e
 Quant Time: Apr 01 01:41:06 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)	11.900	5216005	32.023 ug/ml
Spiked Amount 50.000		Recovery =	64.05%
12) S 1-chlorooctadecane (S...	13.344	3940136	32.822 ug/ml
Spiked Amount 50.000		Recovery =	65.64%
Target Compounds			
1) T n-Nonane (C9)	3.260	6011893	38.827 ug/ml
2) T n-Decane (C10)	4.513	6124376	39.044 ug/ml
3) T A~Naphthalene (C11.7)	6.219	6416193	38.194 ug/ml
4) T n-Dodecane (C12)	6.686	6056818	38.727 ug/ml
5) T A~2-methylnaphthalene...	7.320	5702269	35.737 ug/ml
6) T n-Tetradecane (C14)	8.522	5850019	38.206 ug/ml
7) T n-Hexadecane (C16)	10.135	5773166	37.452 ug/ml
8) T n-Octadecane (C18)	11.584	5604127	36.950 ug/ml
10) T n-Eicosane (C20)	12.899	5661653	39.710 ug/ml
11) T n-Heneicosane (C21)	13.513	5407764	38.969 ug/ml
13) T n-Docosane (C22)	14.102	5356564	39.112 ug/ml
14) T n-Tetracosane (C24)	15.196	11293991	83.623 ug/ml
15) T n-Hexacosane (C26)	16.233	5280024	39.578 ug/ml
16) T n-Octacosane (C28)	17.183	5583384	42.309 ug/ml
17) T n-Tricontane (C30)	18.075	5412317	39.931 ug/ml
18) T n-Dotriacontane (C32)	18.909	5317857	39.519 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5545955	42.860 ug/ml
20) T n-Hexatriacontane (C36)	20.438	5414932	45.584 ug/ml
21) T n-Octatriacontane (C38)	21.179	5636819	49.043 ug/ml
22) T n-Tetracontane (C40)	22.097	5464869	48.657 ug/ml

(f)=RT Delta > 1/2 Window

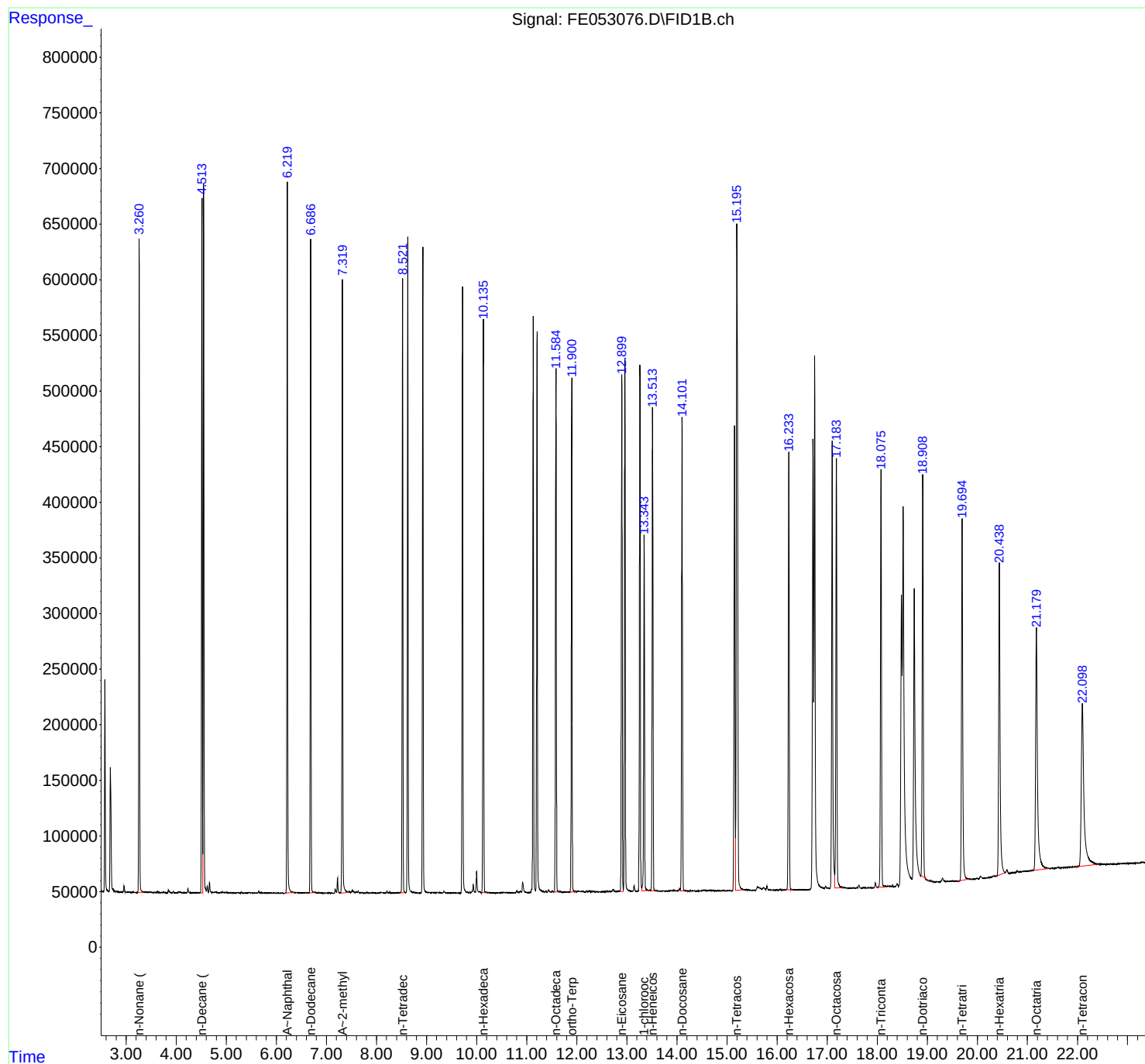
(m)=manual int.

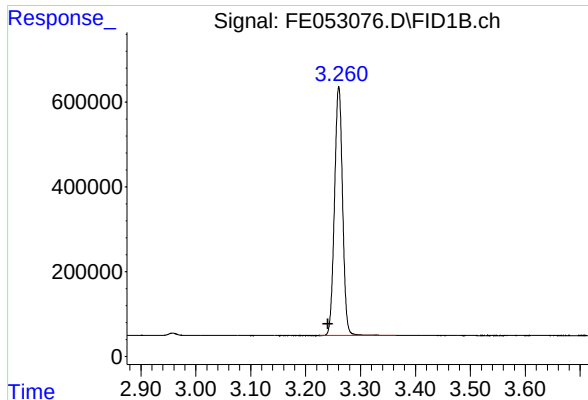
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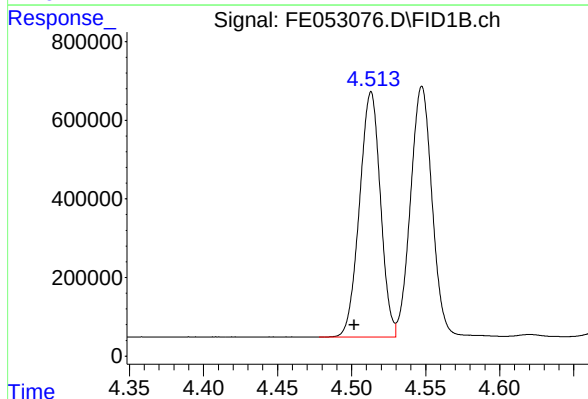




#1 n-Nonane (C9)

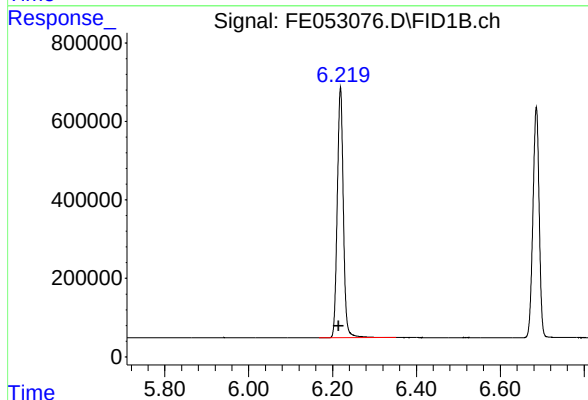
R.T.: 3.260 min
Delta R.T.: 0.019 min
Response: 6011893
Conc: 38.83 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MS



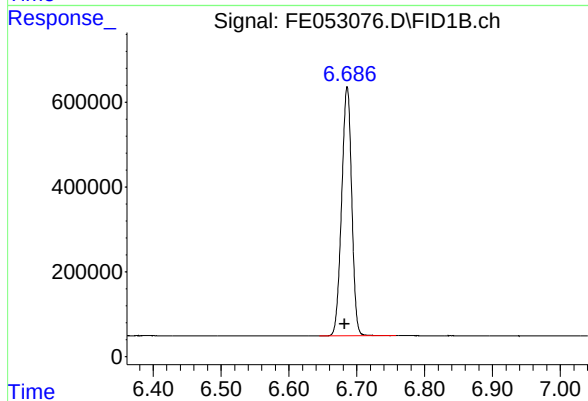
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.011 min
Response: 6124376
Conc: 39.04 ug/ml



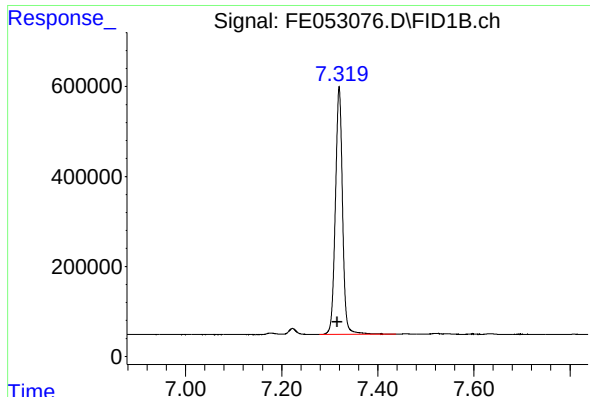
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 6416193
Conc: 38.19 ug/ml



#4 n-Dodecane (C12)

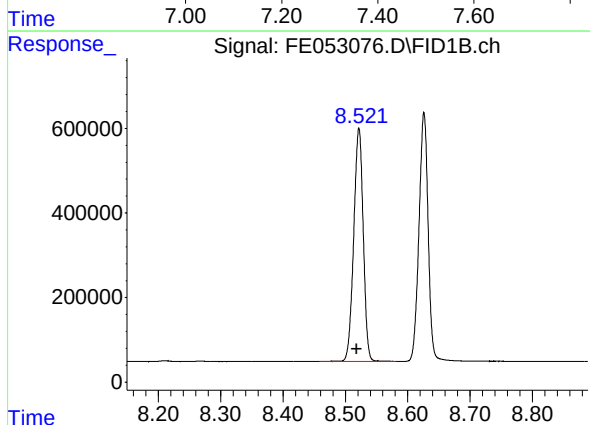
R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 6056818
Conc: 38.73 ug/ml



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

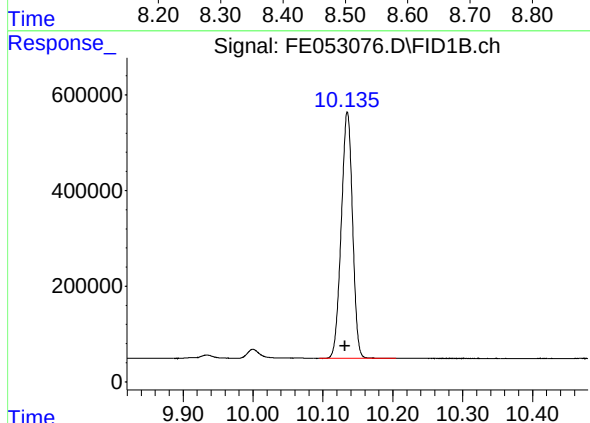
R.T.: 7.320 min
Delta R.T.: 0.004 min
Response: 5702269
Conc: 35.74 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MS



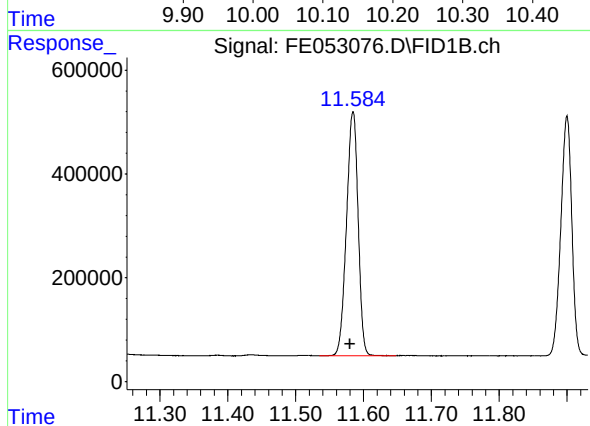
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.004 min
Response: 5850019
Conc: 38.21 ug/ml



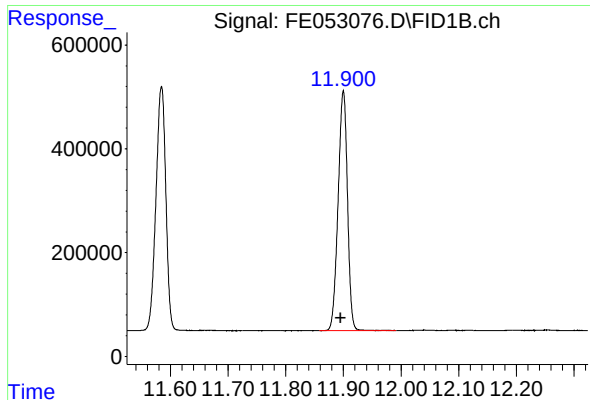
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 5773166
Conc: 37.45 ug/ml



#8 n-Octadecane (C18)

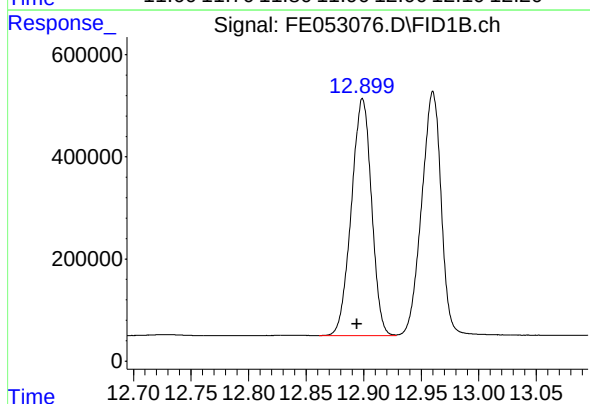
R.T.: 11.584 min
Delta R.T.: 0.004 min
Response: 5604127
Conc: 36.95 ug/ml



#9 ortho-Terphenyl (SURR)

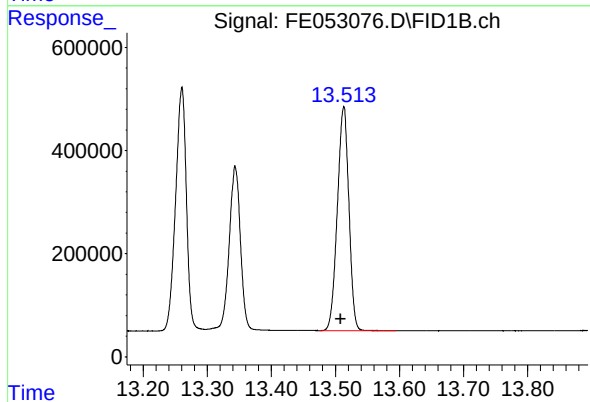
R.T.: 11.900 min
Delta R.T.: 0.005 min
Response: 5216005
Conc: 32.02 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MS



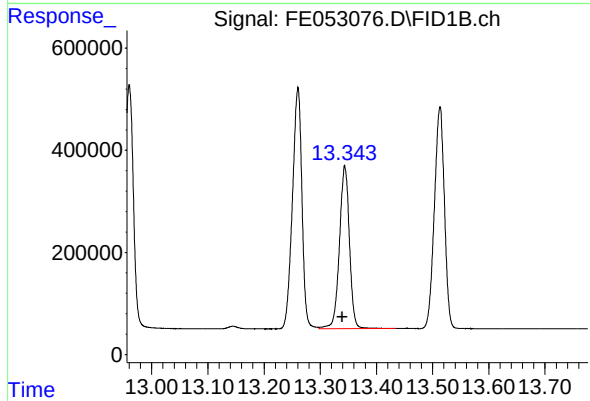
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: 0.005 min
Response: 5661653
Conc: 39.71 ug/ml



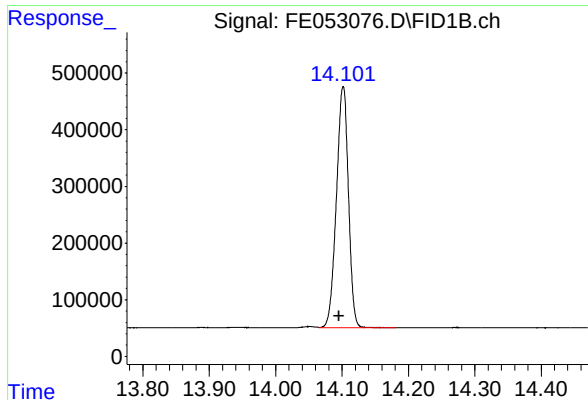
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 5407764
Conc: 38.97 ug/ml



#12 1-chlorooctadecane (SURR)

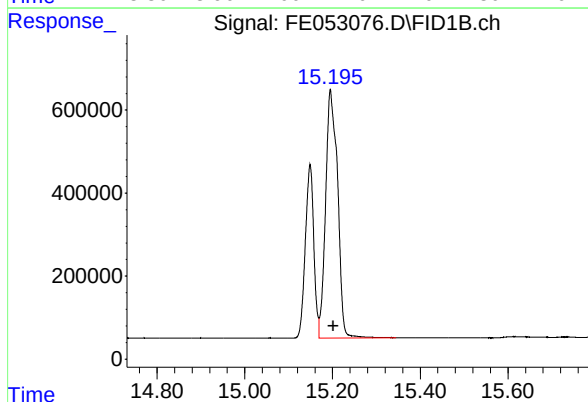
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 3940136
Conc: 32.82 ug/ml



#13 n-Docosane (C22)

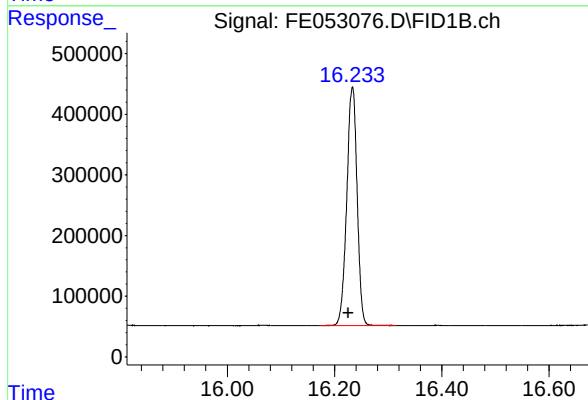
R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 5356564
Conc: 39.11 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MS



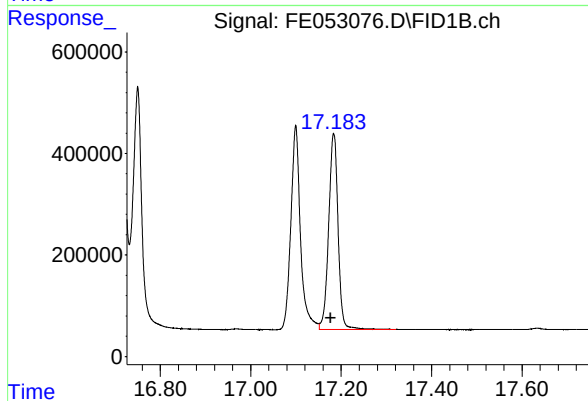
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.006 min
Response: 11293991
Conc: 83.62 ug/ml



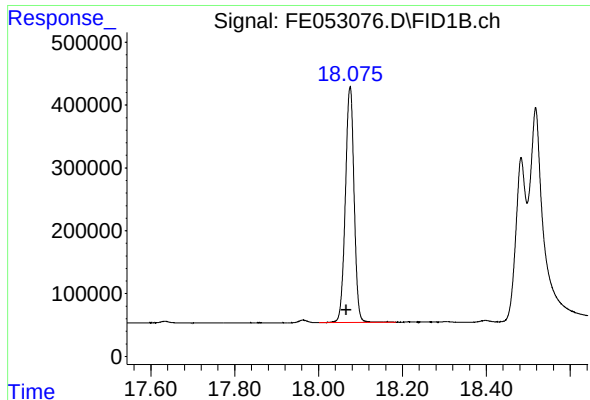
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.008 min
Response: 5280024
Conc: 39.58 ug/ml



#16 n-Octacosane (C28)

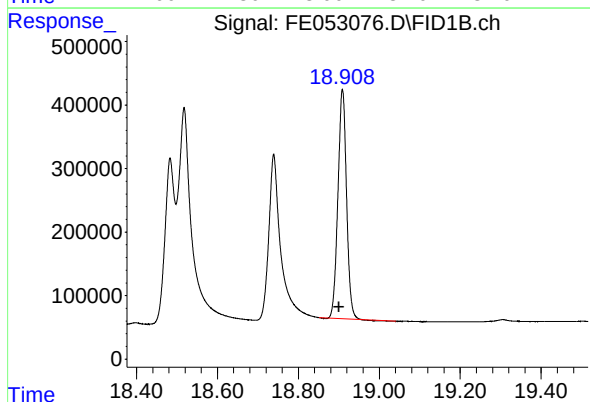
R.T.: 17.183 min
Delta R.T.: 0.007 min
Response: 5583384
Conc: 42.31 ug/ml



#17 n-Tricontane (C30)

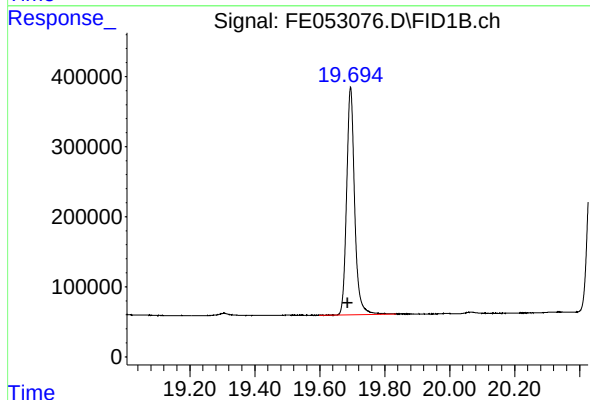
R.T.: 18.075 min
Delta R.T.: 0.008 min
Response: 5412317
Conc: 39.93 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MS



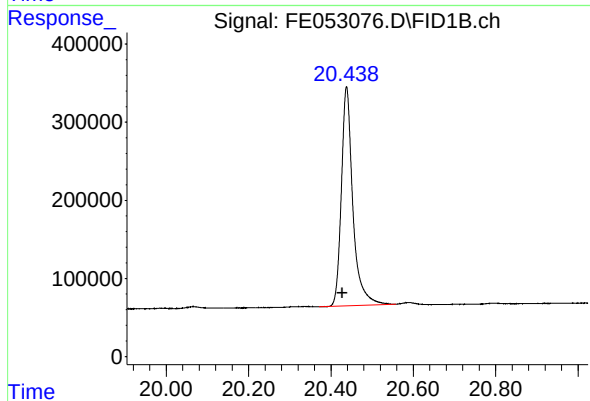
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.008 min
Response: 5317857
Conc: 39.52 ug/ml



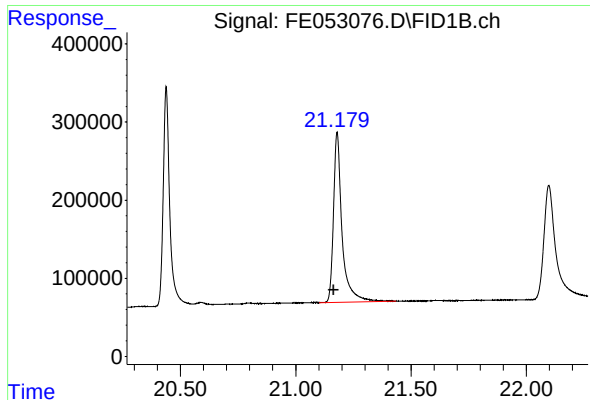
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.009 min
Response: 5545955
Conc: 42.86 ug/ml



#20 n-Hexatriacontane (C36)

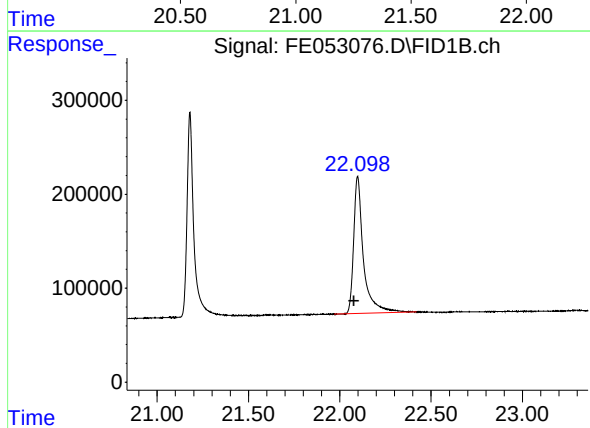
R.T.: 20.438 min
Delta R.T.: 0.010 min
Response: 5414932
Conc: 45.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.014 min
Response: 5636819
Conc: 49.04 ug/ml

Instrument :
FID_E
ClientSampleId :
P2MS



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: 0.019 min
Response: 5464869
Conc: 48.66 ug/ml