

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053123.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 07:59
 Operator : YP\AJ
 Sample : Q1687-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-12016MSD

Integration File: autoint1.e
 Quant Time: Apr 02 09:22:04 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	4478227	27.494 ug/ml
Spiked Amount 50.000		Recovery =	54.99%
12) S 1-chlorooctadecane (S...	13.335	3549151	29.565 ug/ml
Spiked Amount 50.000		Recovery =	59.13%
Target Compounds			
1) T n-Nonane (C9)	3.235	4535900	29.294 ug/ml
2) T n-Decane (C10)	4.500	5149728	32.830 ug/ml
3) T A~Naphthalene (C11.7)	6.211	5945254	35.391 ug/ml
4) T n-Dodecane (C12)	6.679	5701324	36.454 ug/ml
5) T A~2-methylnaphthalene...	7.313	5600885	35.102 ug/ml
6) T n-Tetradecane (C14)	8.517	5893543	38.491 ug/ml
7) T n-Hexadecane (C16)	10.129	6199787	40.220 ug/ml
8) T n-Octadecane (C18)	11.576	6024457	39.722 ug/ml
10) T n-Eicosane (C20)	12.891	6139632	43.062 ug/ml
11) T n-Heneicosane (C21)	13.504	5880927	42.379 ug/ml
13) T n-Docosane (C22)	14.092	5862509	42.806 ug/ml
14) T n-Tetracosane (C24)	15.185	12590938	93.226 ug/ml
15) T n-Hexacosane (C26)	16.223	5670203	42.503 ug/ml
16) T n-Octacosane (C28)	17.172	5941273	45.021 ug/ml
17) T n-Tricontane (C30)	18.063	5751238	42.432 ug/ml
18) T n-Dotriacontane (C32)	18.896	5702878	42.381 ug/ml
19) T n-Tetratriacontane (C34)	19.682	5903793	45.626 ug/ml
20) T n-Hexatriacontane (C36)	20.423	5785845	48.707 ug/ml
21) T n-Octatriacontane (C38)	21.161	5986410	52.084 ug/ml
22) T n-Tetracontane (C40)	22.074	5849190	52.079 ug/ml

(f)=RT Delta > 1/2 Window

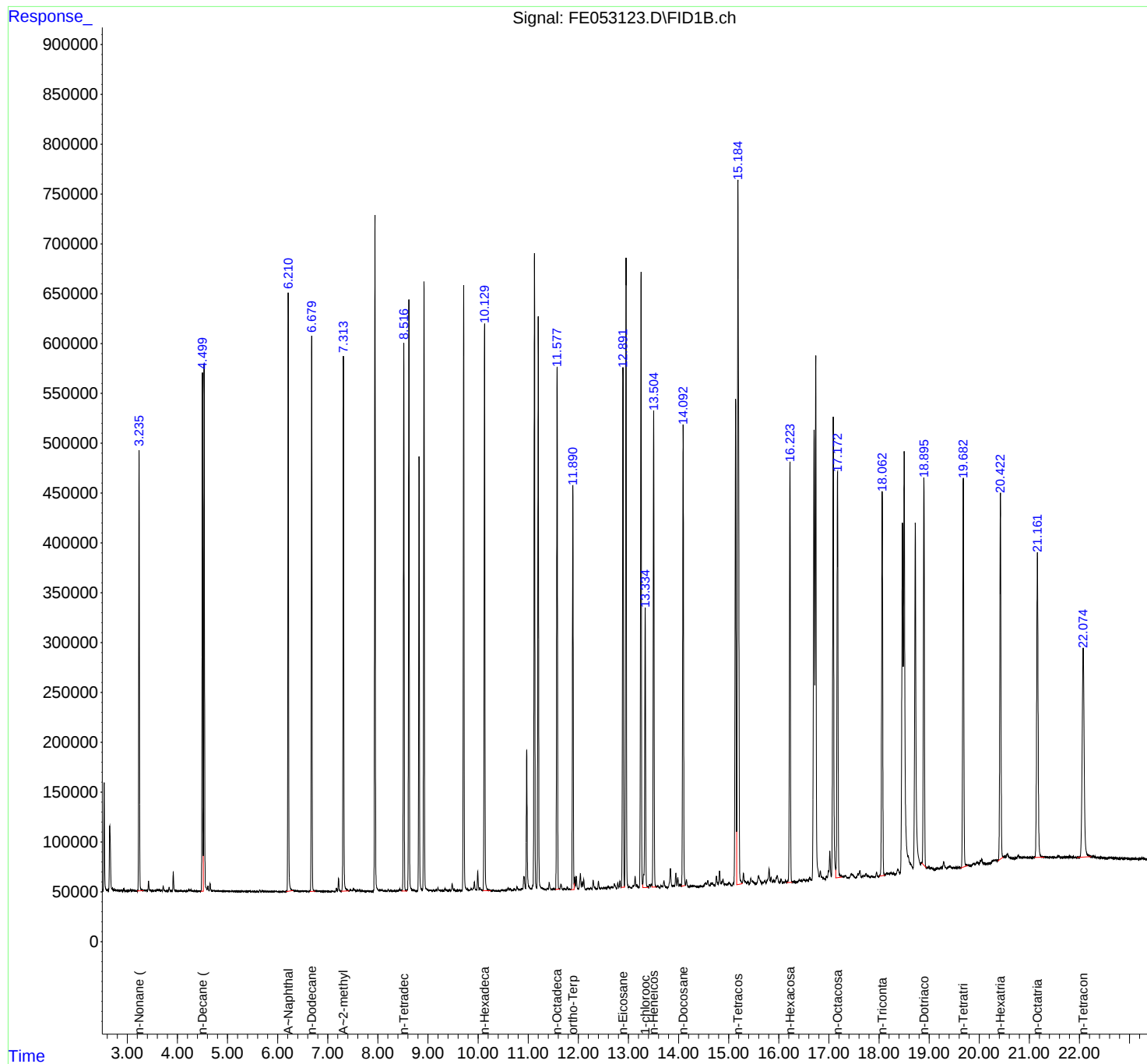
(m)=manual int.

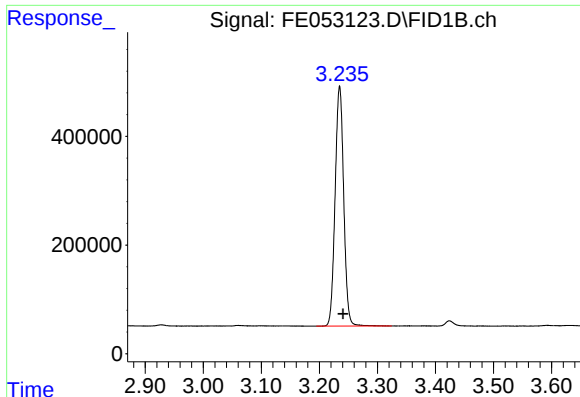
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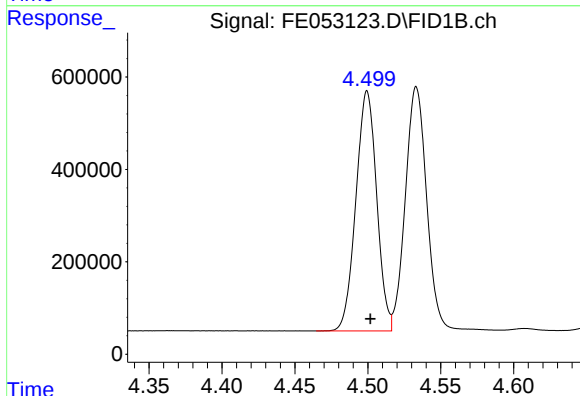




#1 n-Nonane (C9)

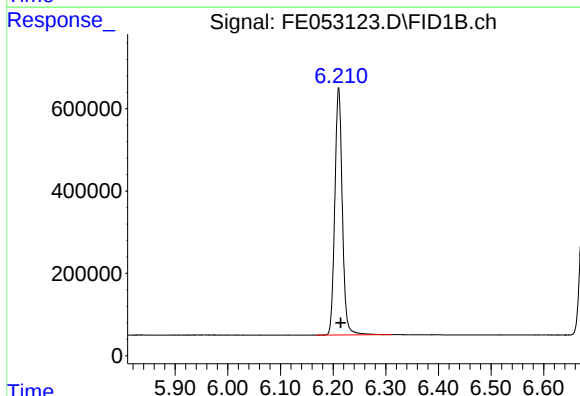
R.T.: 3.235 min
Delta R.T.: -0.006 min
Response: 4535900
Conc: 29.29 ug/ml

Instrument :
FID_E
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72-12016MSD



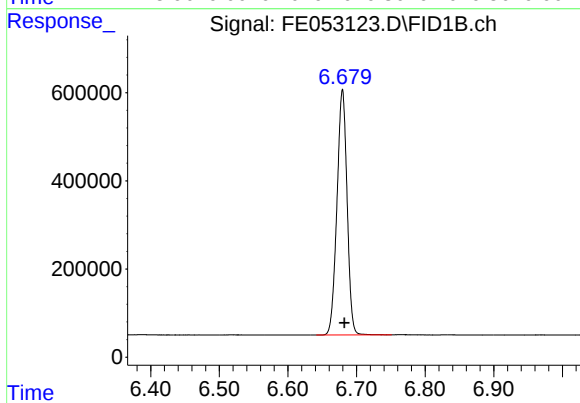
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 5149728
Conc: 32.83 ug/ml



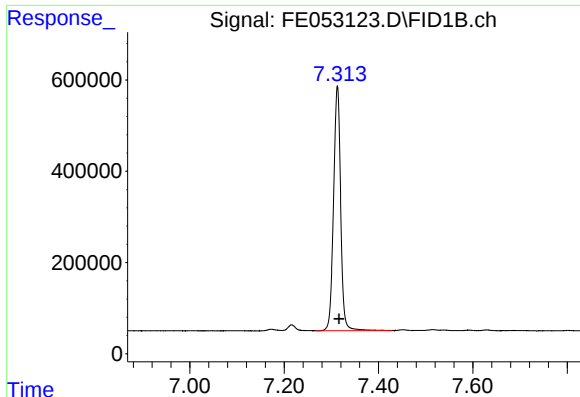
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.004 min
Response: 5945254
Conc: 35.39 ug/ml



#4 n-Dodecane (C12)

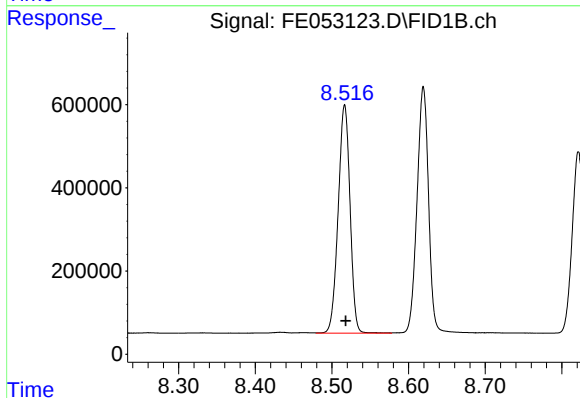
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 5701324
Conc: 36.45 ug/ml



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

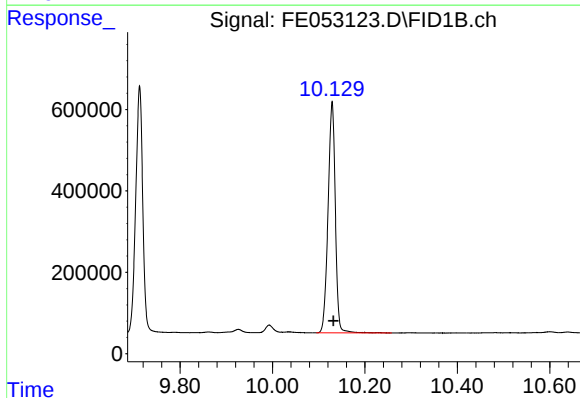
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 5600885
Conc: 35.10 ug/ml

Instrument :
FID_E
ClientSampleId :
72-12016MSD



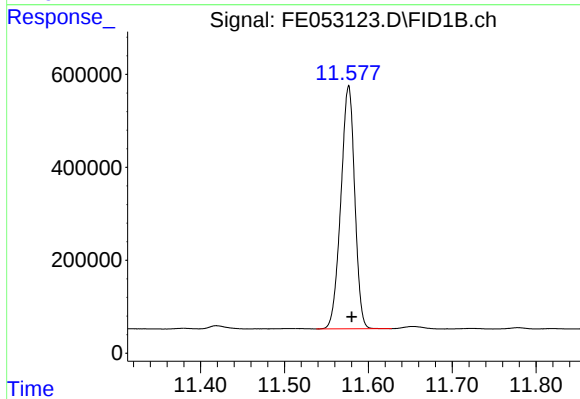
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 5893543
Conc: 38.49 ug/ml



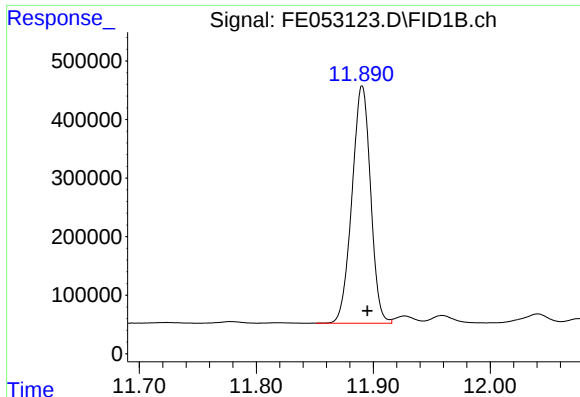
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 6199787
Conc: 40.22 ug/ml



#8 n-Octadecane (C18)

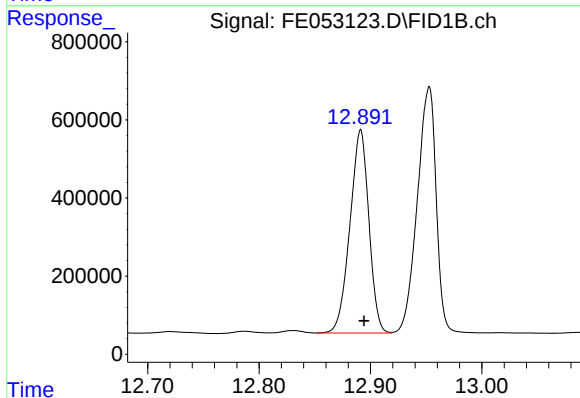
R.T.: 11.576 min
Delta R.T.: -0.004 min
Response: 6024457
Conc: 39.72 ug/ml



#9 ortho-Terphenyl (SURR)

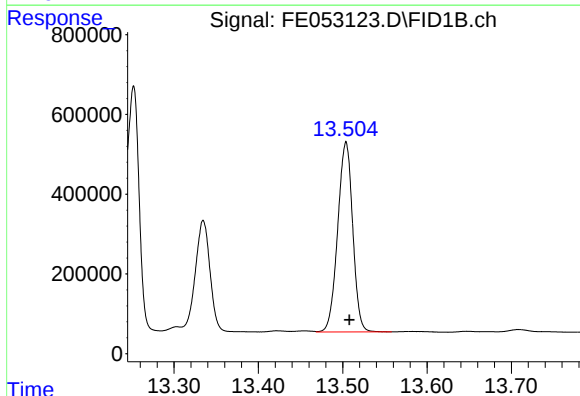
R.T.: 11.891 min
Delta R.T.: -0.005 min
Response: 4478227
Conc: 27.49 ug/ml

Instrument :
FID_E
ClientSampleId :
72-12016MSD



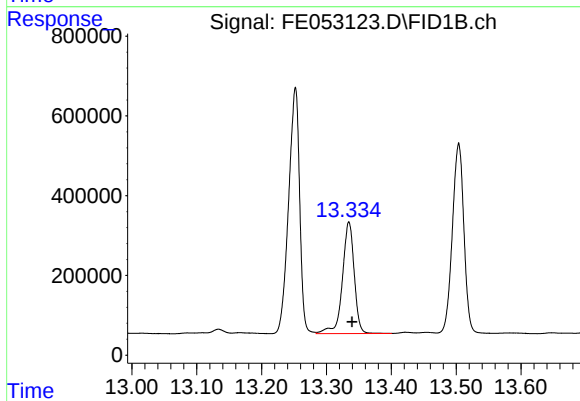
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 6139632
Conc: 43.06 ug/ml



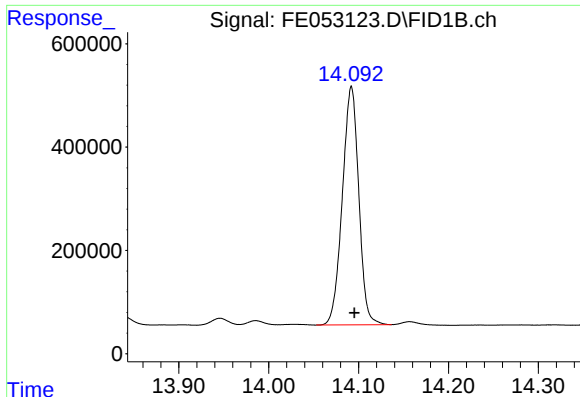
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 5880927
Conc: 42.38 ug/ml



#12 1-chlorooctadecane (SURR)

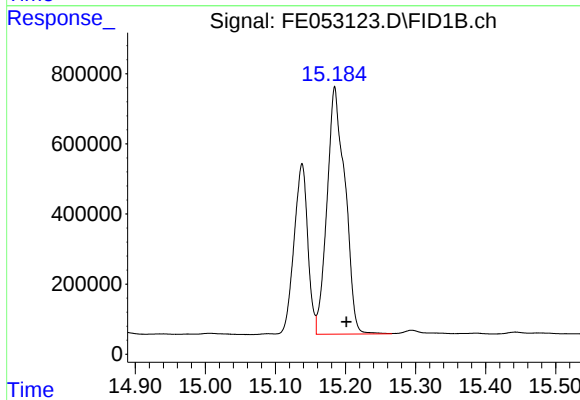
R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 3549151
Conc: 29.57 ug/ml



#13 n-Docosane (C22)

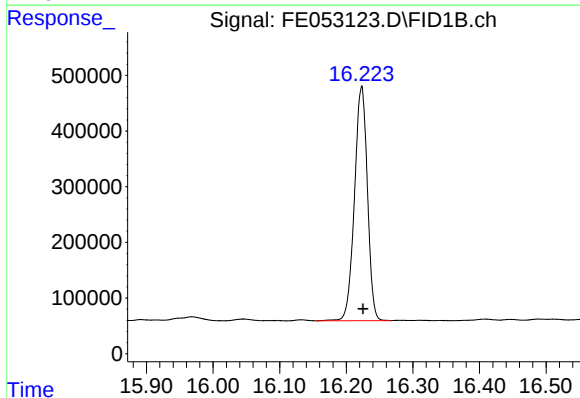
R.T.: 14.092 min
Delta R.T.: -0.004 min
Response: 5862509
Conc: 42.81 ug/ml

Instrument :
FID_E
ClientSampleId :
72-12016MSD



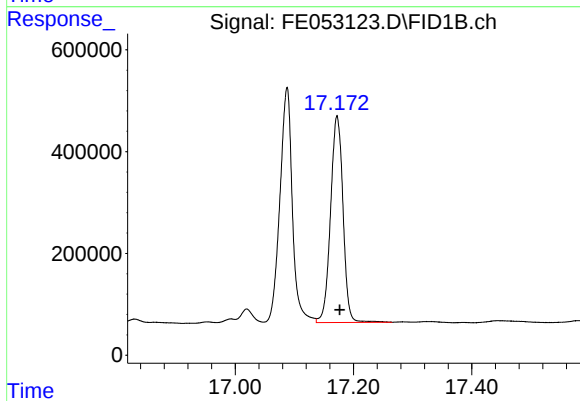
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.017 min
Response: 12590938
Conc: 93.23 ug/ml



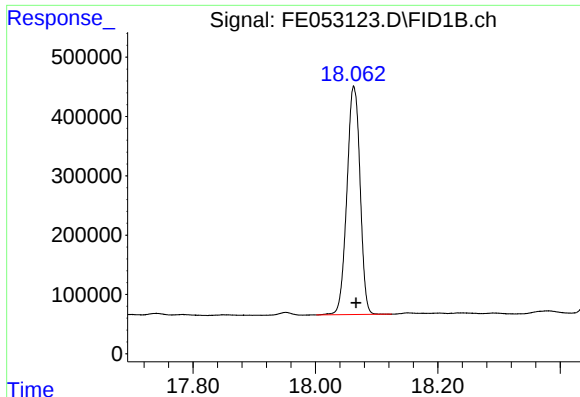
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.002 min
Response: 5670203
Conc: 42.50 ug/ml



#16 n-Octacosane (C28)

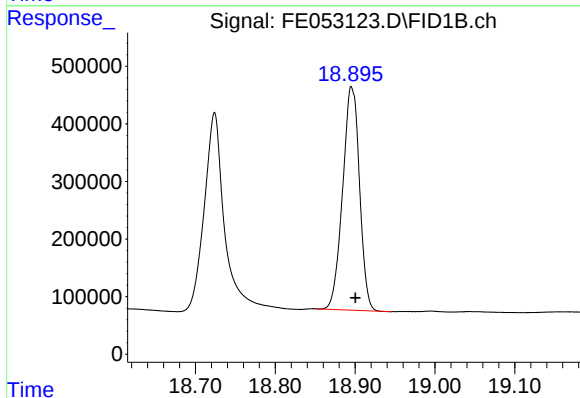
R.T.: 17.172 min
Delta R.T.: -0.004 min
Response: 5941273
Conc: 45.02 ug/ml



#17 n-Tricontane (C30)

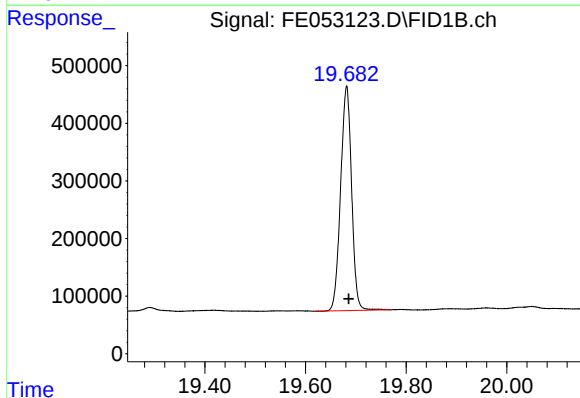
R.T.: 18.063 min
Delta R.T.: -0.003 min
Response: 5751238
Conc: 42.43 ug/ml

Instrument :
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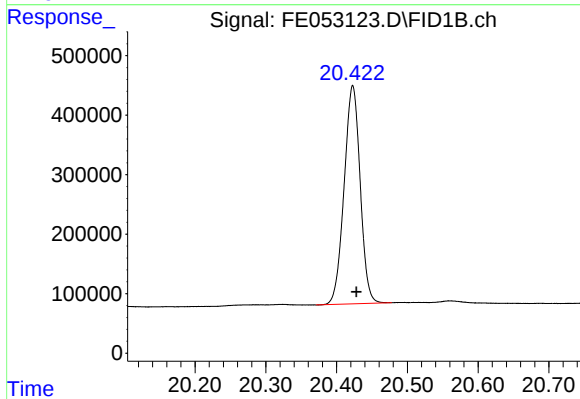
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.005 min
Response: 5702878
Conc: 42.38 ug/ml



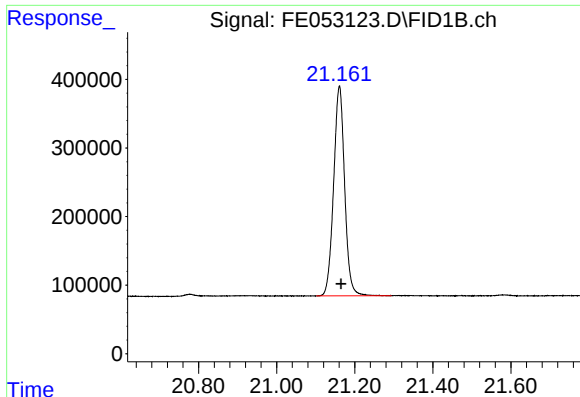
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.004 min
Response: 5903793
Conc: 45.63 ug/ml



#20 n-Hexatriacontane (C36)

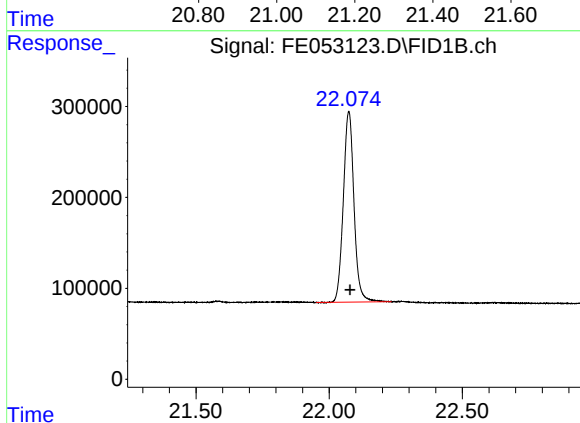
R.T.: 20.423 min
Delta R.T.: -0.005 min
Response: 5785845
Conc: 48.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.004 min
Response: 5986410
Conc: 52.08 ug/ml

Instrument :
FID_E
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72-12016MSD



#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.005 min
Response: 5849190
Conc: 52.08 ug/ml