

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053391.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 18:06
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Apr 16 18:28:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:28:37 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)	11.883	940709	5.216 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	13.329	701389	5.189 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
Target Compounds			
1) T n-Nonane (C9)	3.230	707563	5.161 ug/ml
2) T n-Decane (C10)	4.490	710133	5.133 ug/ml
3) T A~Naphthalene (C11.7)	6.204	751368	4.978 ug/ml
4) T n-Dodecane (C12)	6.670	717848	5.118 ug/ml
5) T A~2-methylnaphthalene...	7.306	735745	4.928 ug/ml
6) T n-Tetradecane (C14)	8.506	720666	5.137 ug/ml
7) T n-Hexadecane (C16)	10.120	738140	5.150 ug/ml
8) T n-Octadecane (C18)	11.568	757847	5.200 ug/ml
10) T n-Eicosane (C20)	12.883	761828	5.235 ug/ml
11) T n-Heneicosane (C21)	13.497	759067	5.241 ug/ml
13) T n-Docosane (C22)	14.085	754554	5.229 ug/ml
14) T n-Tetracosane (C24)	15.191	746100	5.194 ug/ml
15) T n-Hexacosane (C26)	16.216	736181	5.198 ug/ml
16) T n-Octacosane (C28)	17.168	725773	5.217 ug/ml
17) T n-Tricontane (C30)	18.057	733475	5.269 ug/ml
18) T n-Dotriacontane (C32)	18.892	729142	5.310 ug/ml
19) T n-Tetratriacontane (C34)	19.677	685913	5.264 ug/ml
20) T n-Hexatriacontane (C36)	20.418	664340	5.262 ug/ml
21) T n-Octatriacontane (C38)	21.155	635999	5.220 ug/ml
22) T n-Tetracontane (C40)	22.069	612014	5.125 ug/ml

(f)=RT Delta > 1/2 Window

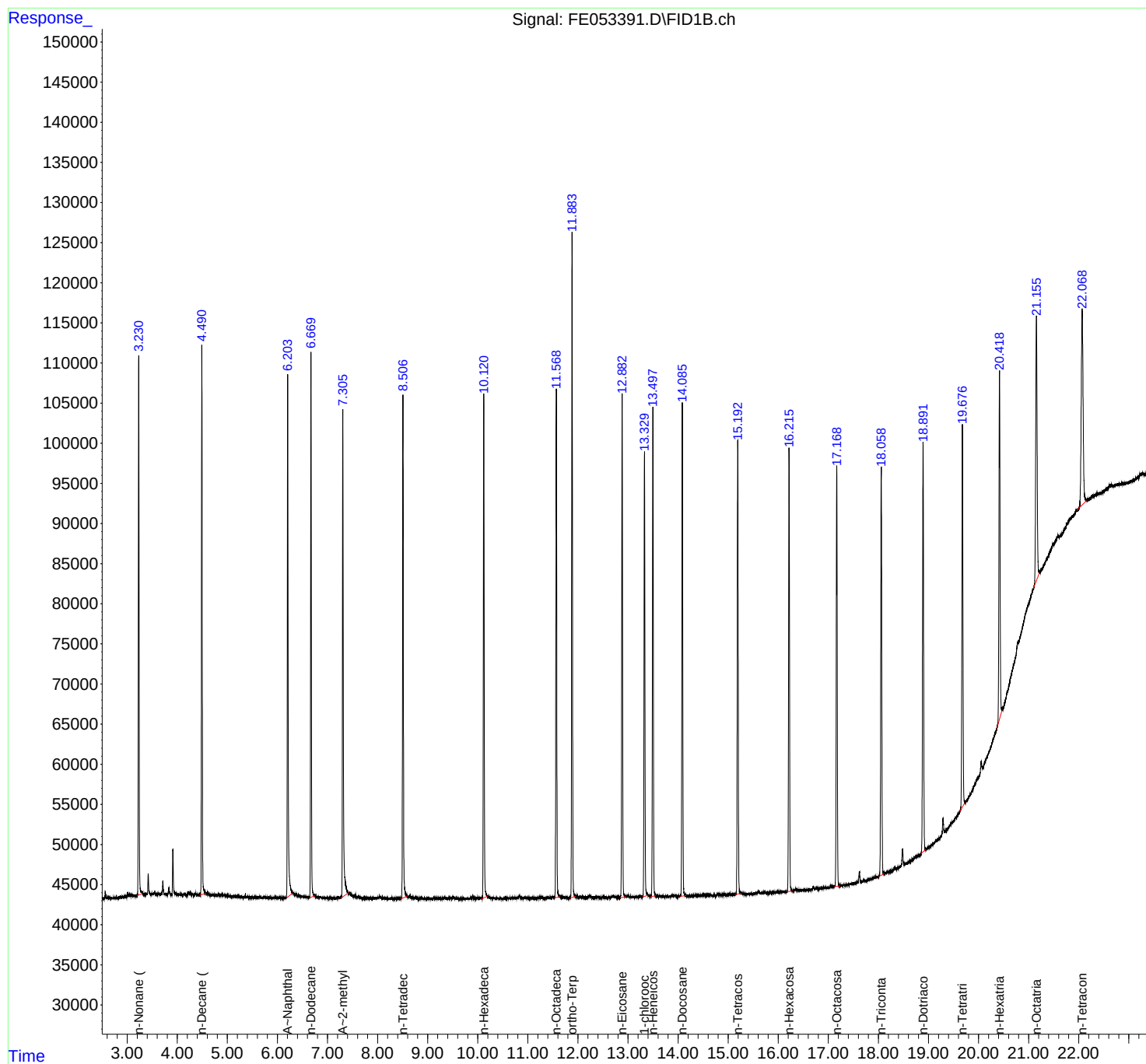
(m)=manual int.

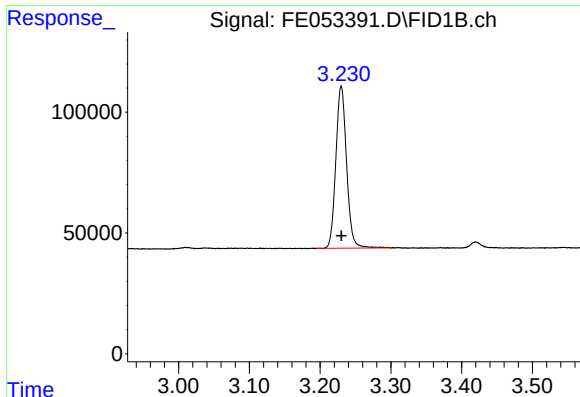
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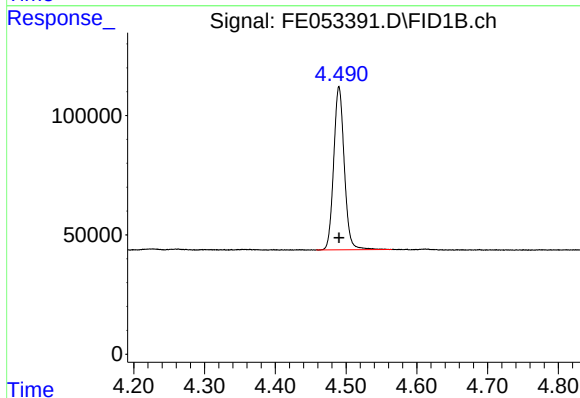




#1 n-Nonane (C9)

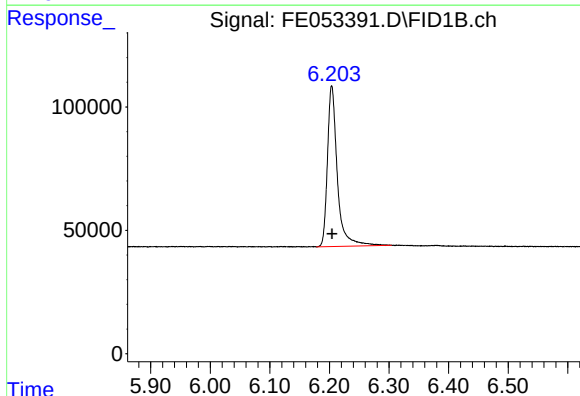
R.T.: 3.230 min
Delta R.T.: 0.000 min
Response: 707563
Conc: 5.16 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



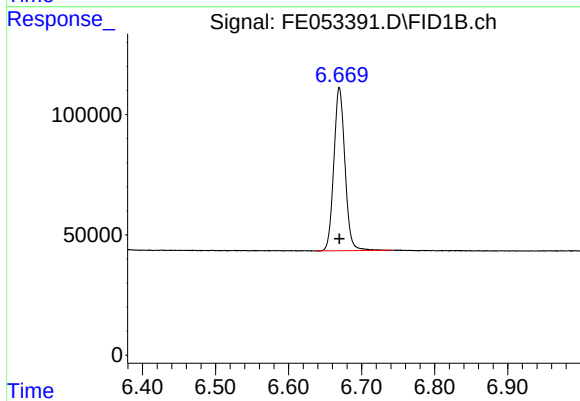
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 710133
Conc: 5.13 ug/ml



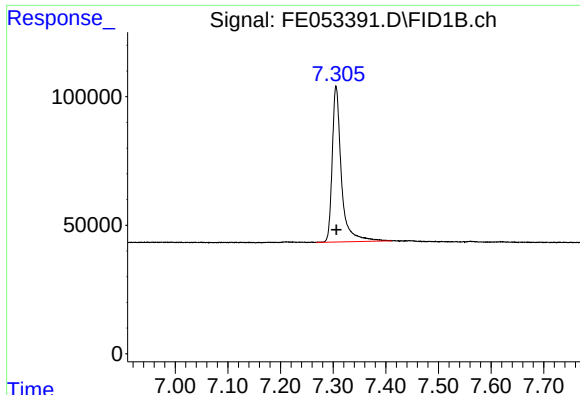
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 751368
Conc: 4.98 ug/ml



#4 n-Dodecane (C12)

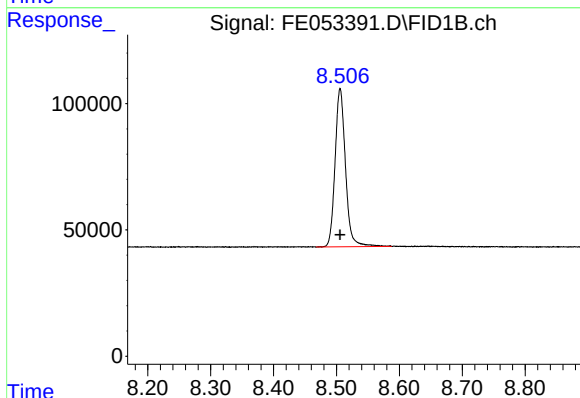
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 717848
Conc: 5.12 ug/ml



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

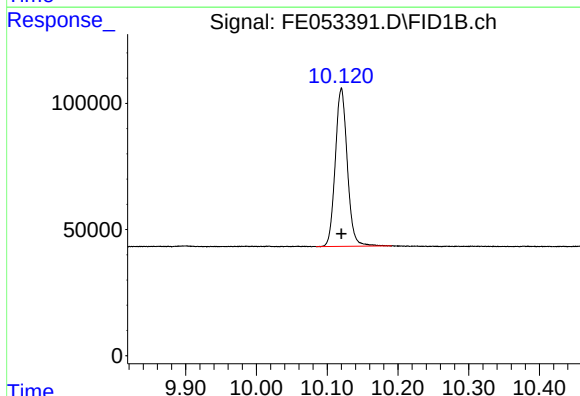
R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 735745
Conc: 4.93 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



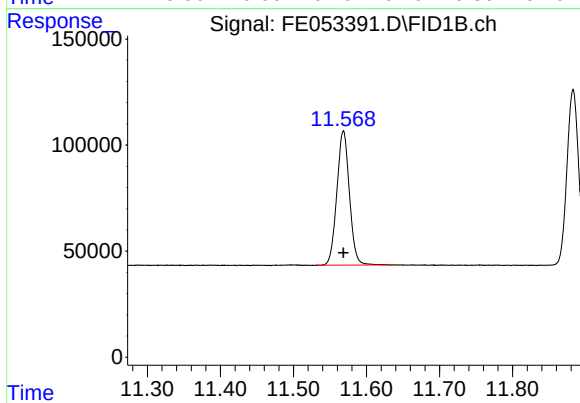
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 720666
Conc: 5.14 ug/ml



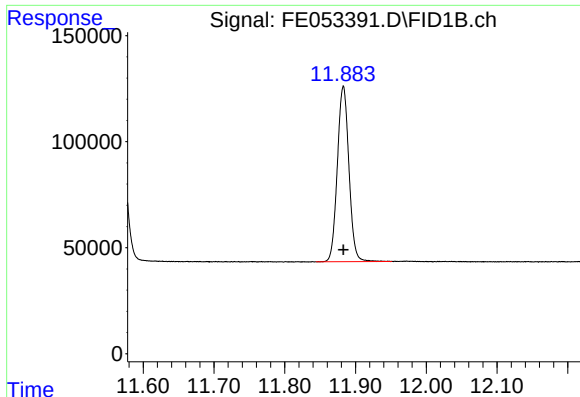
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 738140
Conc: 5.15 ug/ml



#8 n-Octadecane (C18)

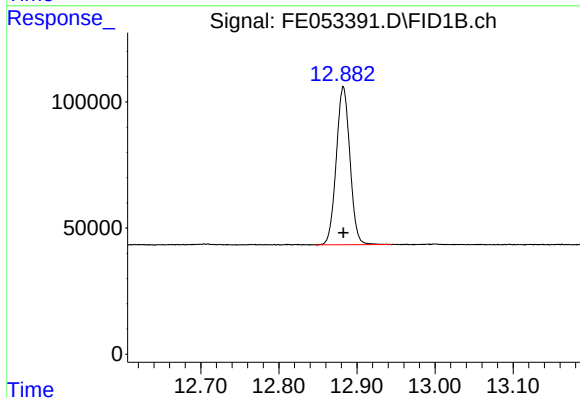
R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 757847
Conc: 5.20 ug/ml



#9 ortho-Terphenyl (SURR)

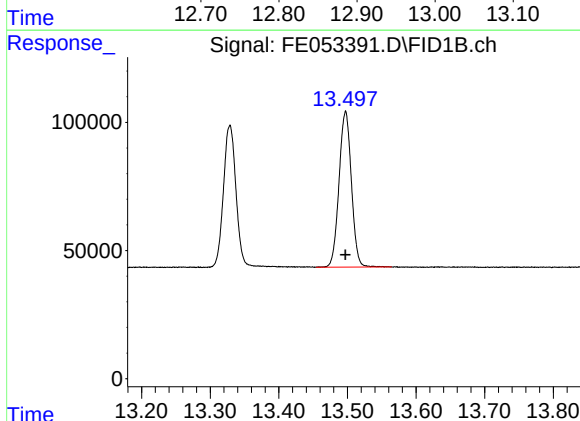
R.T.: 11.883 min
Delta R.T.: 0.000 min
Response: 940709
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



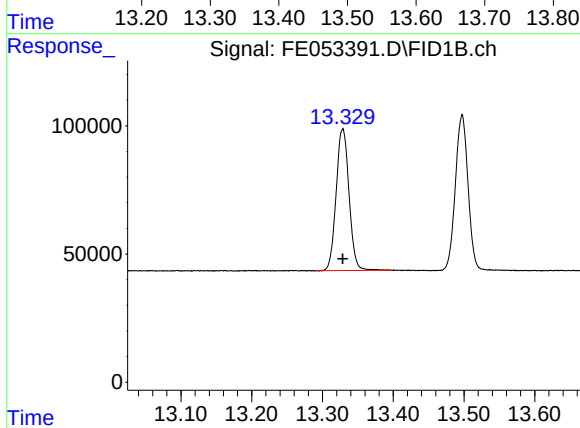
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 761828
Conc: 5.24 ug/ml



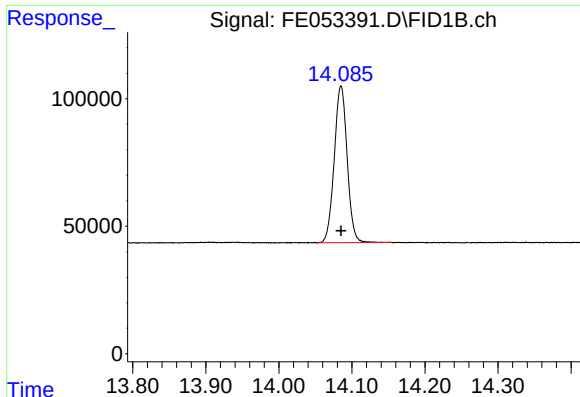
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 759067
Conc: 5.24 ug/ml



#12 1-chlorooctadecane (SURR)

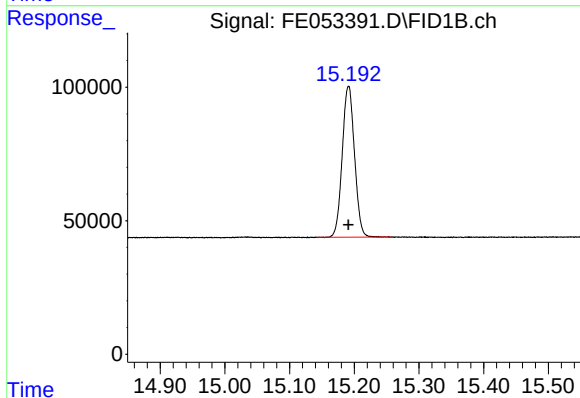
R.T.: 13.329 min
Delta R.T.: 0.000 min
Response: 701389
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

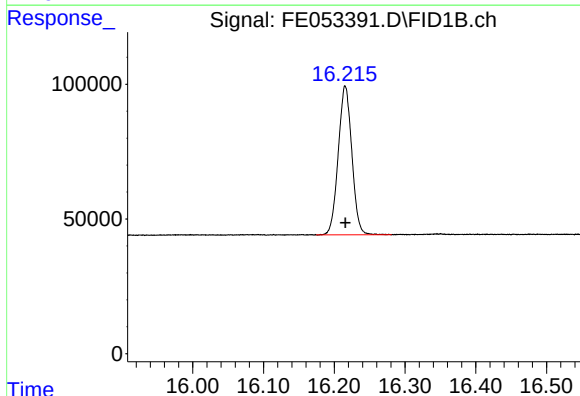
R.T.: 14.085 min
Delta R.T.: 0.000 min
Response: 754554
Conc: 5.23 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



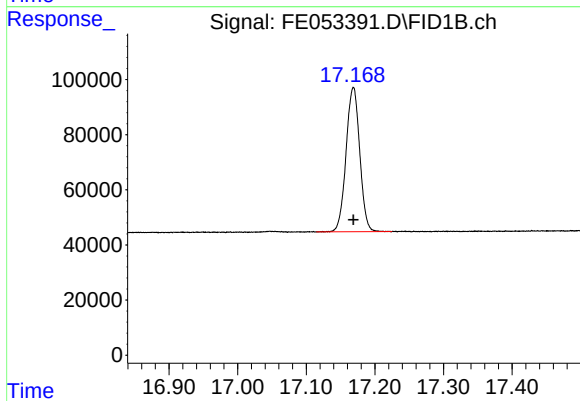
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 746100
Conc: 5.19 ug/ml



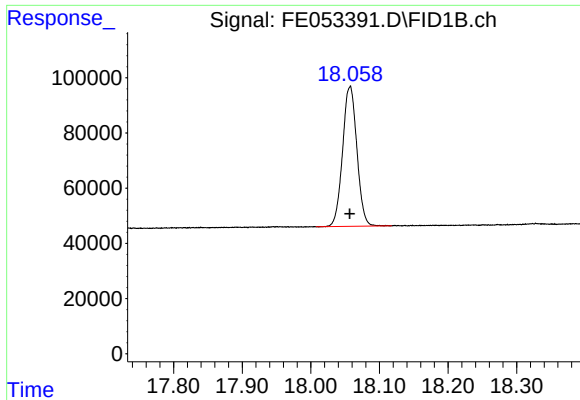
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.000 min
Response: 736181
Conc: 5.20 ug/ml



#16 n-Octacosane (C28)

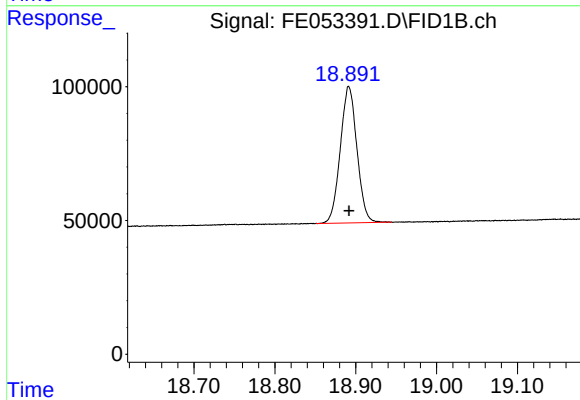
R.T.: 17.168 min
Delta R.T.: 0.000 min
Response: 725773
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

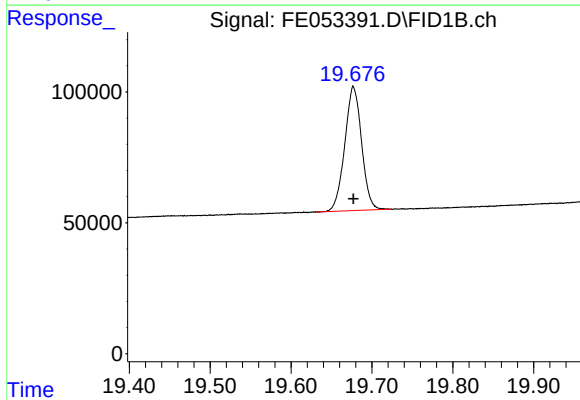
R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 733475
Conc: 5.27 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



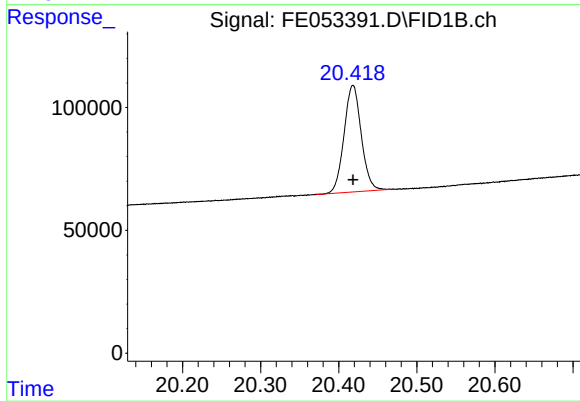
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: 0.000 min
Response: 729142
Conc: 5.31 ug/ml



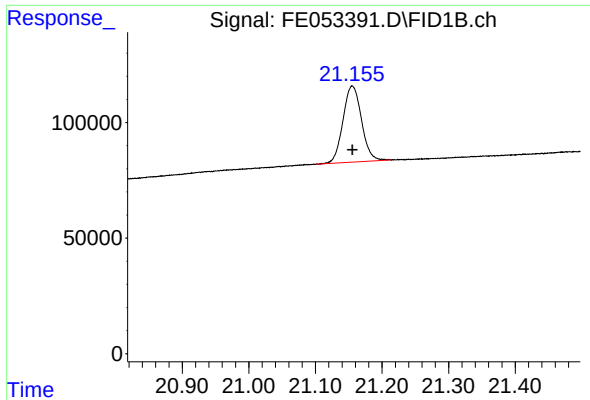
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.000 min
Response: 685913
Conc: 5.26 ug/ml



#20 n-Hexatriacontane (C36)

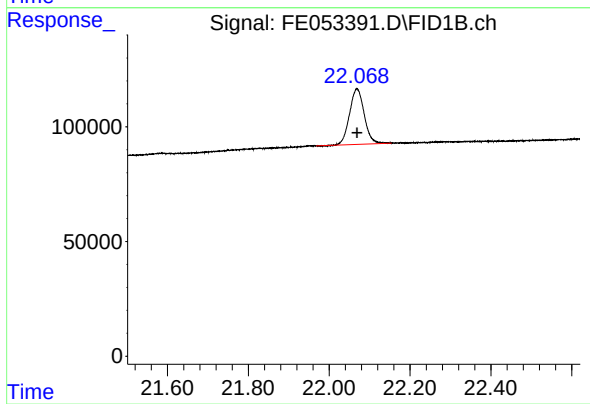
R.T.: 20.418 min
Delta R.T.: 0.000 min
Response: 664340
Conc: 5.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.000 min
Response: 635999
Conc: 5.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.000 min
Response: 612014
Conc: 5.12 ug/ml