

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052524AL\
 Data File : FE048392.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 16:02
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 24 16:27:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 Qlast Update : Fri May 24 16:27:28 2024
 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)	11.952	738375	5.142 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
12) S 1-chlorooctadecane (S...	13.387	542521	4.980 ug/ml
Spiked Amount 50.000		Recovery =	9.96%
Target Compounds			
1) T n-Nonane (C9)	3.339	764225	5.112 ug/ml
2) T n-Decane (C10)	4.589	769722	5.097 ug/ml
3) T A~Naphthalene (C11.7)	6.296	737219	4.951 ug/ml
4) T n-Dodecane (C12)	6.754	754600	5.098 ug/ml
5) T A~2-methylnaphthalene...	7.391	677508	4.886 ug/ml
6) T n-Tetradecane (C14)	8.583	727273	5.128 ug/ml
7) T n-Hexadecane (C16)	10.189	720569	5.111 ug/ml
8) T n-Octadecane (C18)	11.632	709719	5.110 ug/ml
10) T n-Eicosane (C20)	12.942	679607	5.136 ug/ml
11) T n-Heneicosane (C21)	13.553	661360	5.106 ug/ml
13) T n-Docosane (C22)	14.139	658888	5.113 ug/ml
14) T n-Tetracosane (C24)	15.242	661208	5.104 ug/ml
15) T n-Hexacosane (C26)	16.261	661098	5.101 ug/ml
16) T n-Octacosane (C28)	17.210	661908	5.121 ug/ml
17) T n-Tricontane (C30)	18.096	688981	5.143 ug/ml
18) T n-Dotriacontane (C32)	18.928	707127	5.209 ug/ml
19) T n-Tetratriacontane (C34)	19.711	709412	5.186 ug/ml
20) T n-Hexatriacontane (C36)	20.450	699450	5.145 ug/ml
21) T n-Octatriacontane (C38)	21.188	698709	5.124 ug/ml
22) T n-Tetracontane (C40)	22.107	712402	5.203 ug/ml

(f)=RT Delta > 1/2 Window

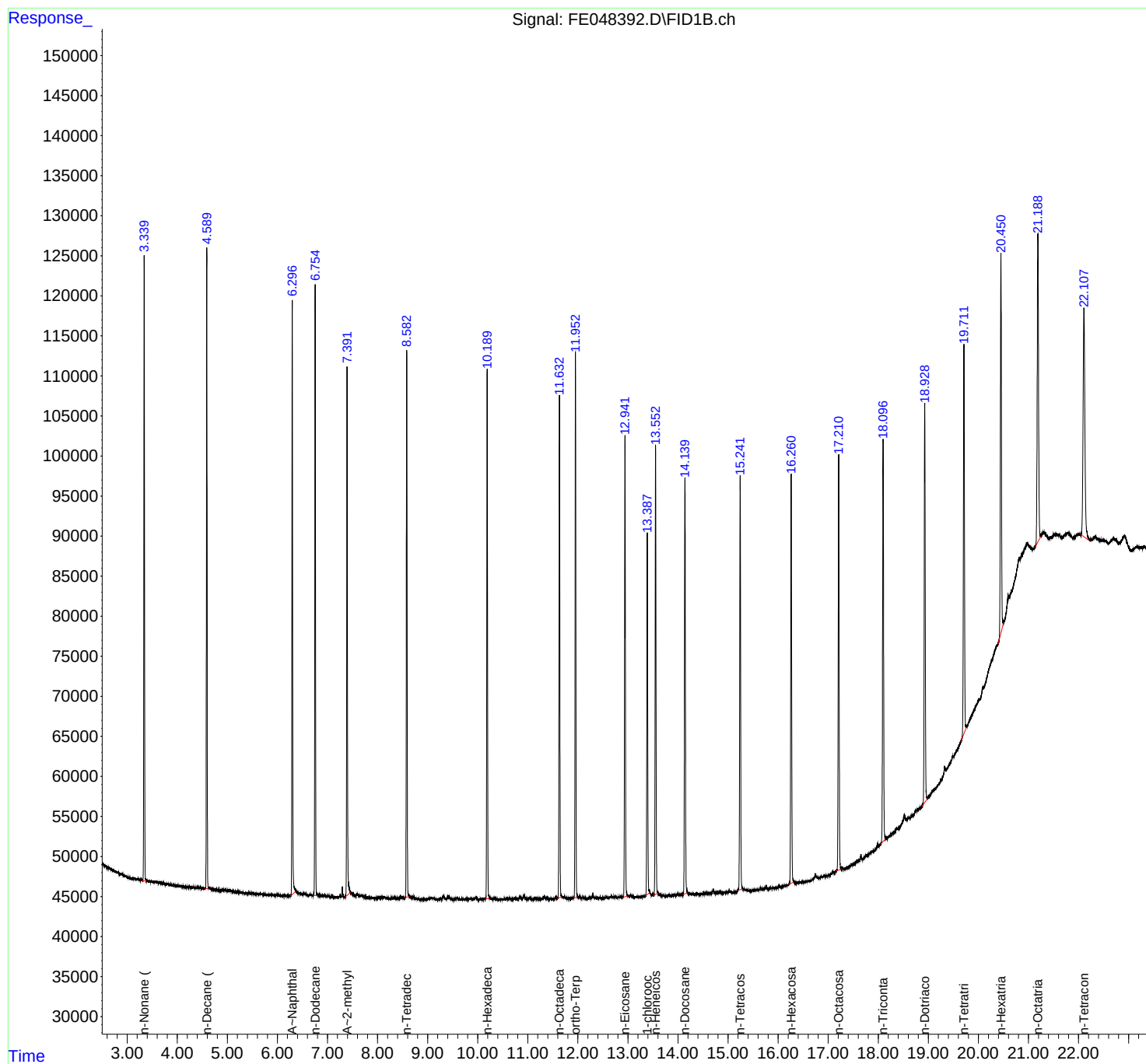
(m)=manual int.

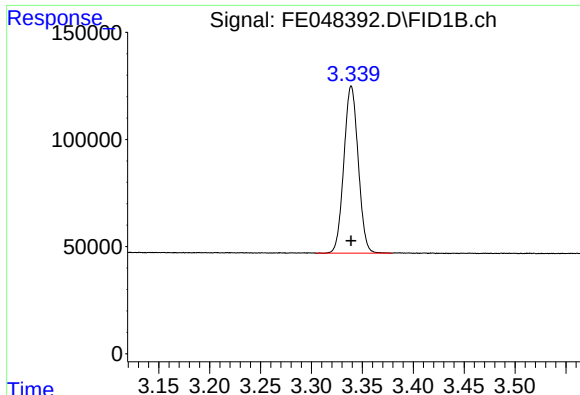
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052524AL\
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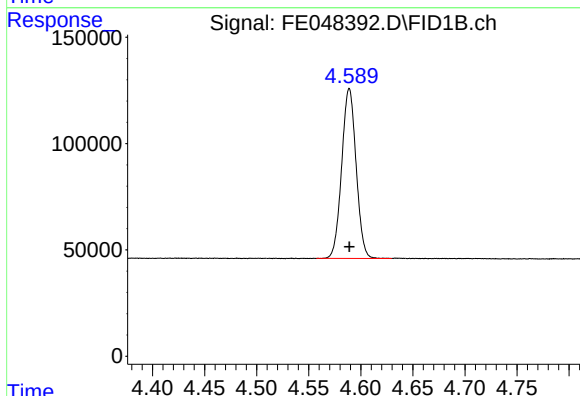




#1 n-Nonane (C9)

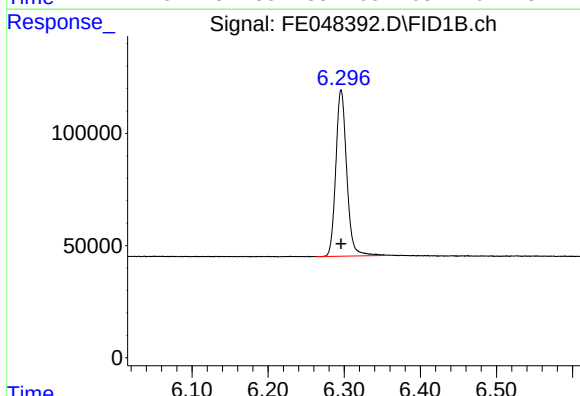
R.T.: 3.339 min
Delta R.T.: 0.000 min
Response: 764225
Conc: 5.11 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



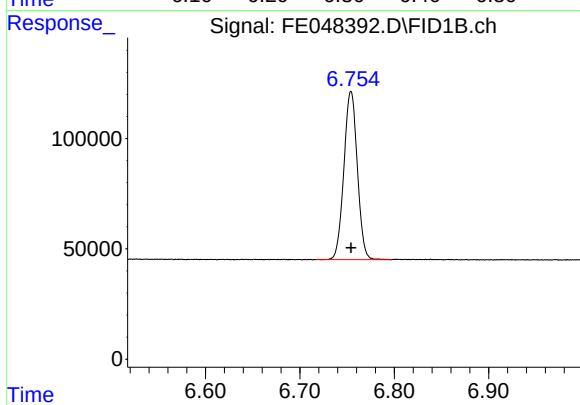
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 769722
Conc: 5.10 ug/ml



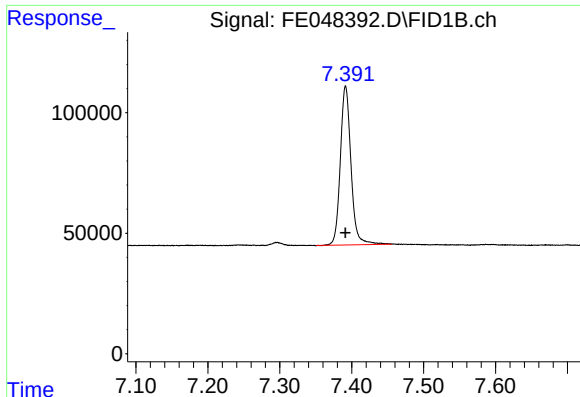
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 737219
Conc: 4.95 ug/ml



#4 n-Dodecane (C12)

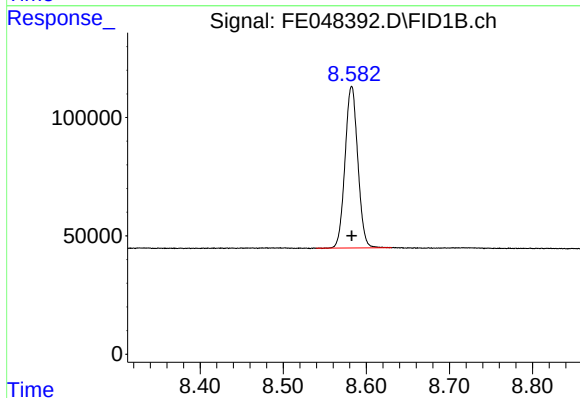
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 754600
Conc: 5.10 ug/ml



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

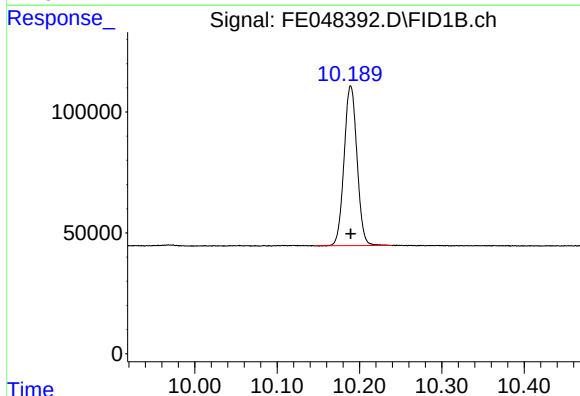
R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 677508
Conc: 4.89 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



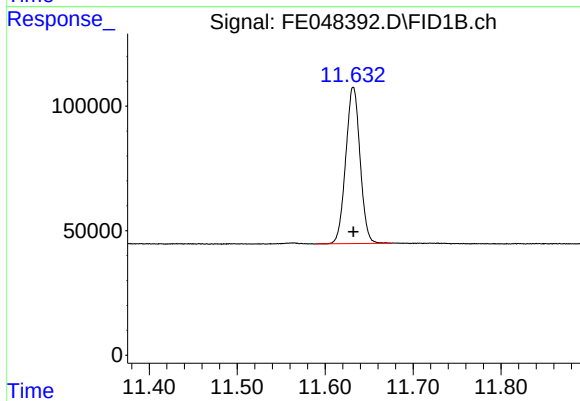
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 727273
Conc: 5.13 ug/ml



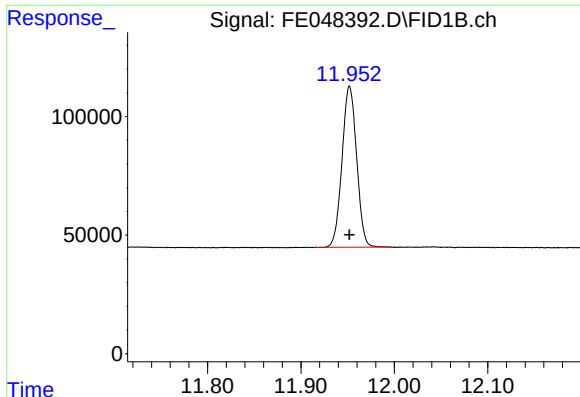
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: 0.000 min
Response: 720569
Conc: 5.11 ug/ml



#8 n-Octadecane (C18)

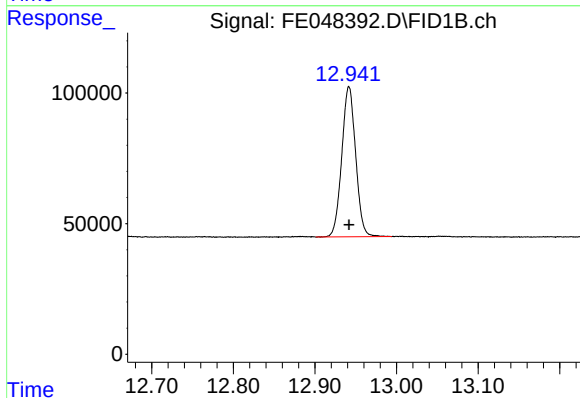
R.T.: 11.632 min
Delta R.T.: 0.000 min
Response: 709719
Conc: 5.11 ug/ml



#9 ortho-Terphenyl (SURR)

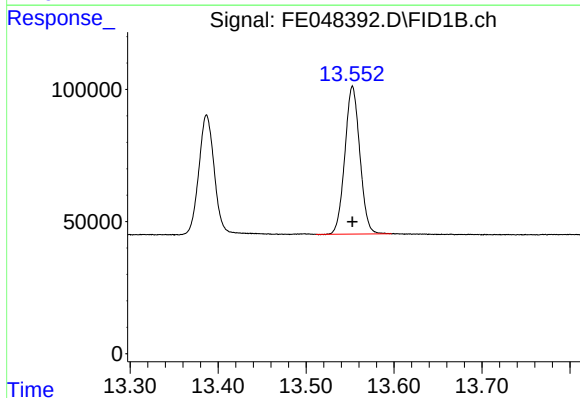
R.T.: 11.952 min
Delta R.T.: 0.000 min
Response: 738375
Conc: 5.14 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



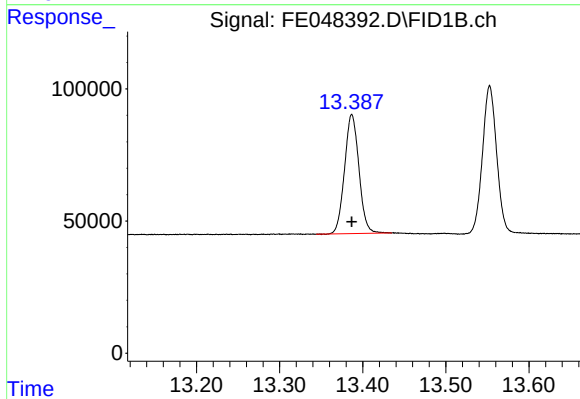
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 679607
Conc: 5.14 ug/ml



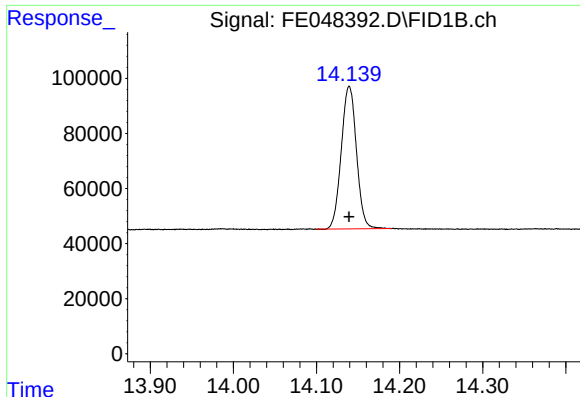
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.000 min
Response: 661360
Conc: 5.11 ug/ml



#12 1-chlorooctadecane (SURR)

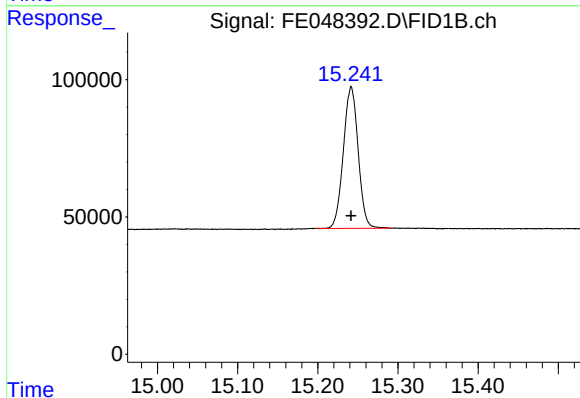
R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 542521
Conc: 4.98 ug/ml



#13 n-Docosane (C22)

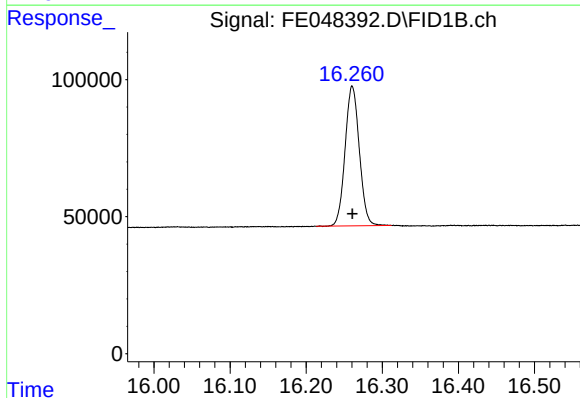
R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 658888
Conc: 5.11 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



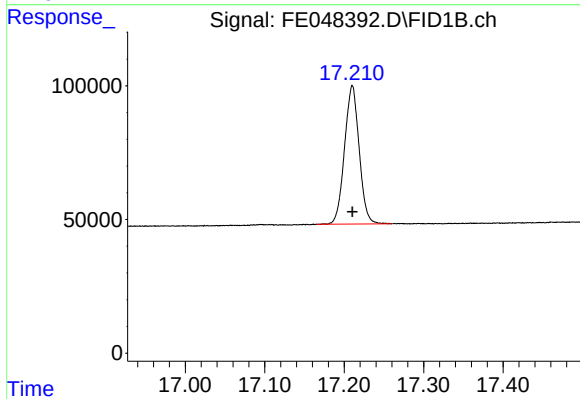
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.000 min
Response: 661208
Conc: 5.10 ug/ml



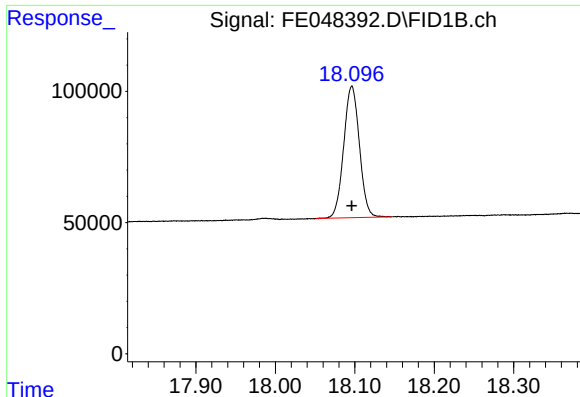
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 661098
Conc: 5.10 ug/ml



#16 n-Octacosane (C28)

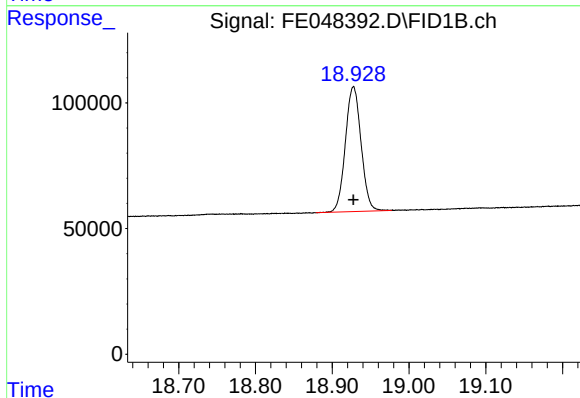
R.T.: 17.210 min
Delta R.T.: 0.000 min
Response: 661908
Conc: 5.12 ug/ml



#17 n-Tricontane (C30)

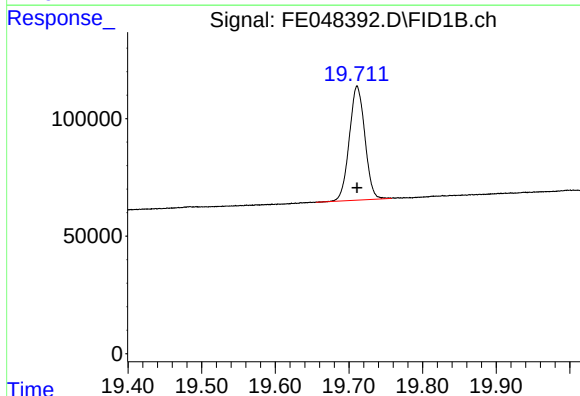
R.T.: 18.096 min
Delta R.T.: 0.000 min
Response: 688981
Conc: 5.14 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



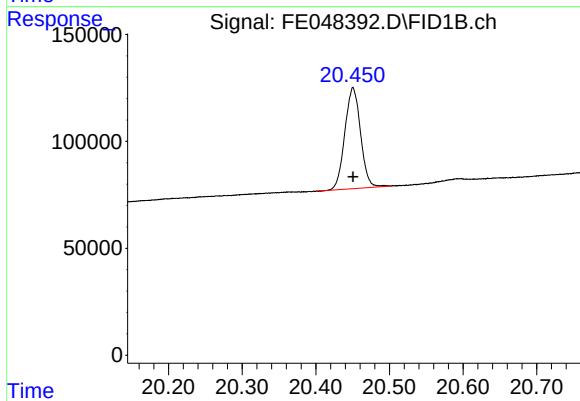
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.000 min
Response: 707127
Conc: 5.21 ug/ml



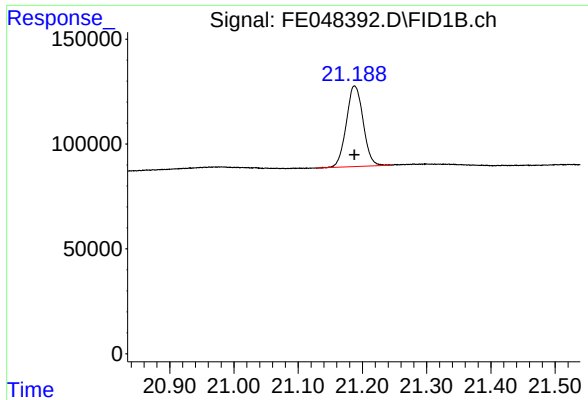
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.000 min
Response: 709412
Conc: 5.19 ug/ml



#20 n-Hexatriacontane (C36)

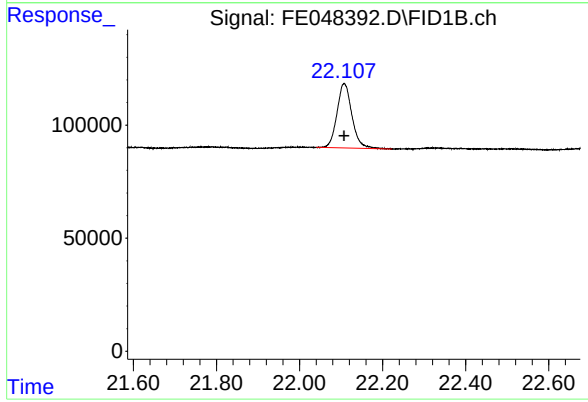
R.T.: 20.450 min
Delta R.T.: 0.000 min
Response: 699450
Conc: 5.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 698709
Conc: 5.12 ug/ml

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ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.000 min
Response: 712402
Conc: 5.20 ug/ml