

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051938.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 15:41
 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: Jan 16 16:04:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:04:27 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)	12.182	732082	5.122 ug/ml
Spiked Amount 50.000		Recovery =	10.24%
12) S 1-chlorooctadecane (S...	13.605	592794	5.168 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
Target Compounds			
1) T n-Nonane (C9)	3.614	548563	5.145 ug/ml
2) T n-Decane (C10)	4.850	560395	5.119 ug/ml
3) T A~Naphthalene (C11.7)	6.554	619777	5.100 ug/ml
4) T n-Dodecane (C12)	6.994	574064	5.086 ug/ml
5) T A~2-methylnaphthalene...	7.640	600167	5.027 ug/ml
6) T n-Tetradecane (C14)	8.812	586267	5.041 ug/ml
7) T n-Hexadecane (C16)	10.414	641556	5.087 ug/ml
8) T n-Octadecane (C18)	11.852	679263	5.134 ug/ml
10) T n-Eicosane (C20)	13.159	677680	5.169 ug/ml
11) T n-Heneicosane (C21)	13.770	672300	5.165 ug/ml
13) T n-Docosane (C22)	14.354	679960	5.181 ug/ml
14) T n-Tetracosane (C24)	15.455	691759	5.208 ug/ml
15) T n-Hexacosane (C26)	16.474	693676	5.248 ug/ml
16) T n-Octacosane (C28)	17.420	713003	5.402 ug/ml
17) T n-Tricontane (C30)	18.305	774189	5.678 ug/ml
18) T n-Dotriacontane (C32)	19.136	762348	5.817 ug/ml
19) T n-Tetratriacontane (C34)	19.918	643760	5.718 ug/ml
20) T n-Hexatriacontane (C36)	20.656	530651	5.587 ug/ml
21) T n-Octatriacontane (C38)	21.450	471183	5.455 ug/ml
22) T n-Tetracontane (C40)	22.462	432480	5.248 ug/ml

(f)=RT Delta > 1/2 Window

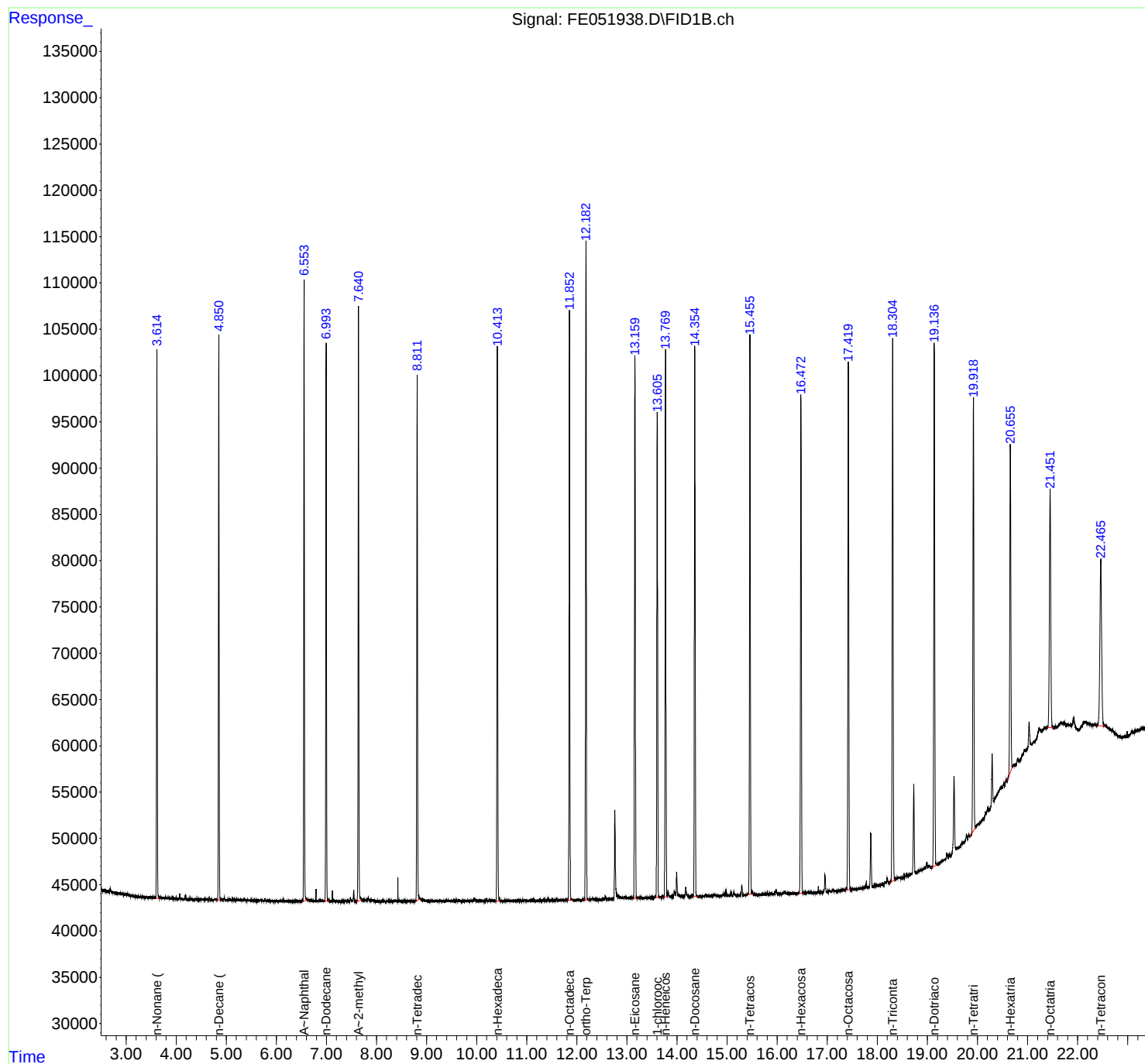
(m)=manual int.

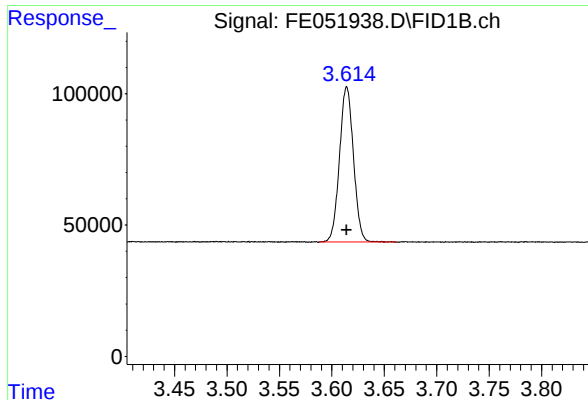
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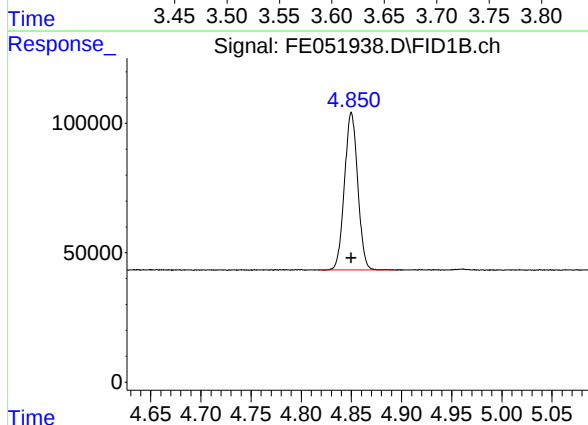




#1 n-Nonane (C9)

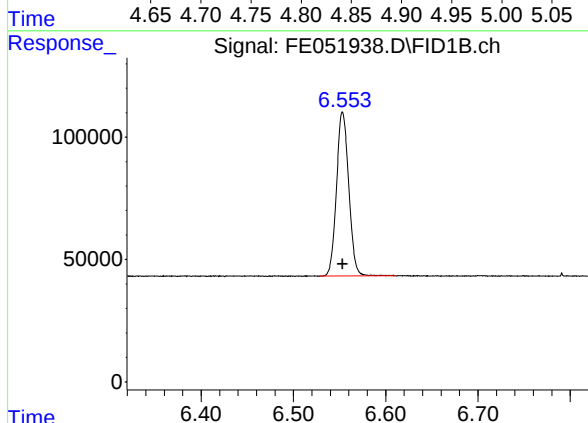
R.T.: 3.614 min
Delta R.T.: 0.000 min
Response: 548563
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



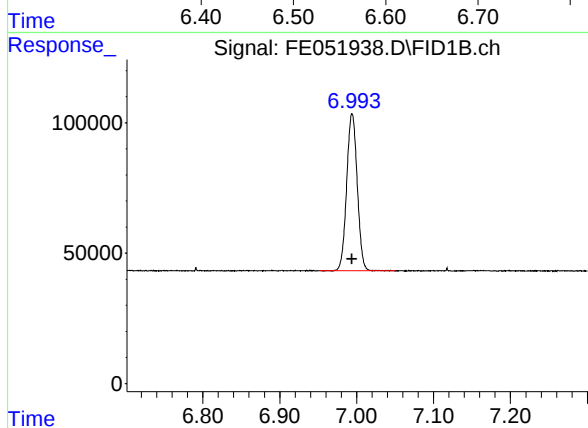
#2 n-Decane (C10)

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 560395
Conc: 5.12 ug/ml



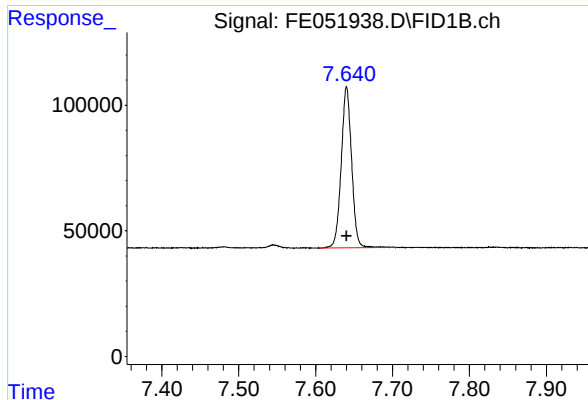
#3 A~Naphthalene (C11.7)

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 619777
Conc: 5.10 ug/ml



#4 n-Dodecane (C12)

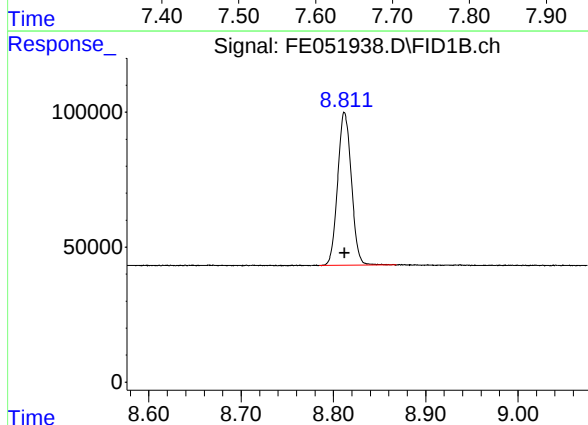
R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 574064
Conc: 5.09 ug/ml



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

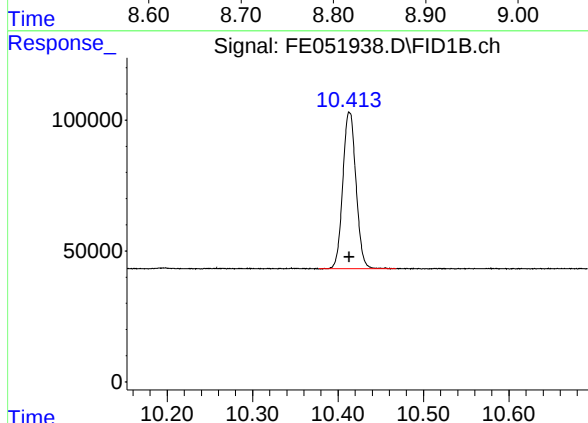
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 600167
Conc: 5.03 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



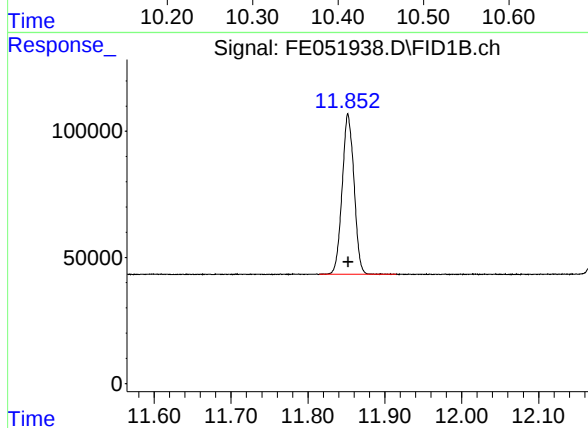
#6 n-Tetradecane (C14)

R.T.: 8.812 min
Delta R.T.: 0.000 min
Response: 586267
Conc: 5.04 ug/ml



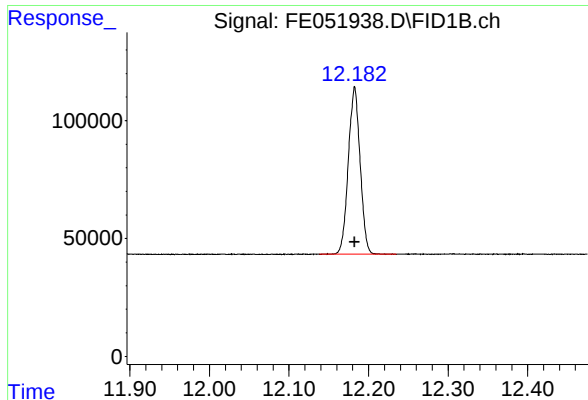
#7 n-Hexadecane (C16)

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 641556
Conc: 5.09 ug/ml



#8 n-Octadecane (C18)

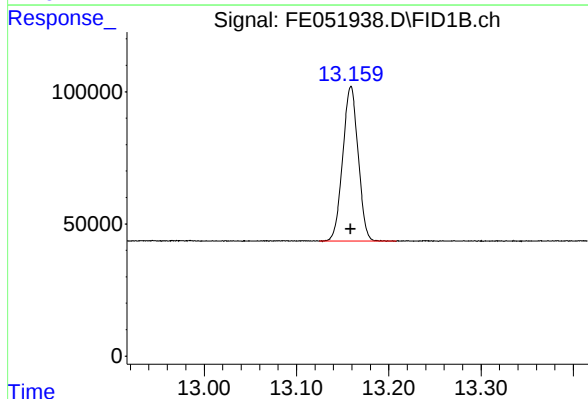
R.T.: 11.852 min
Delta R.T.: 0.000 min
Response: 679263
Conc: 5.13 ug/ml



#9 ortho-Terphenyl (SURR)

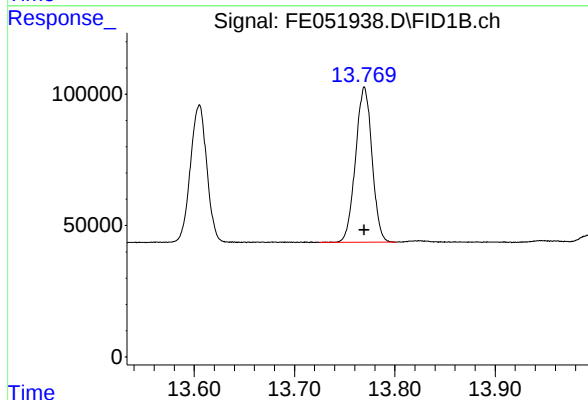
R.T.: 12.182 min
Delta R.T.: 0.000 min
Response: 732082
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



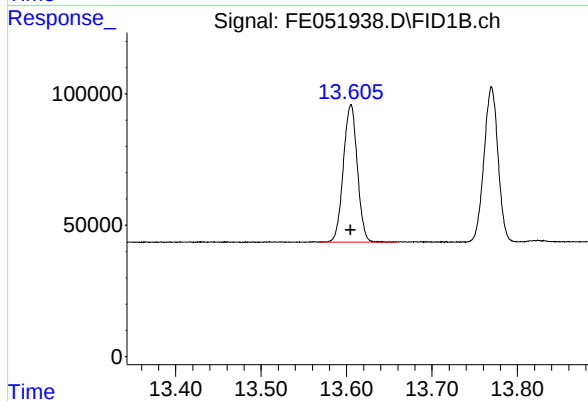
#10 n-Eicosane (C20)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 677680
Conc: 5.17 ug/ml



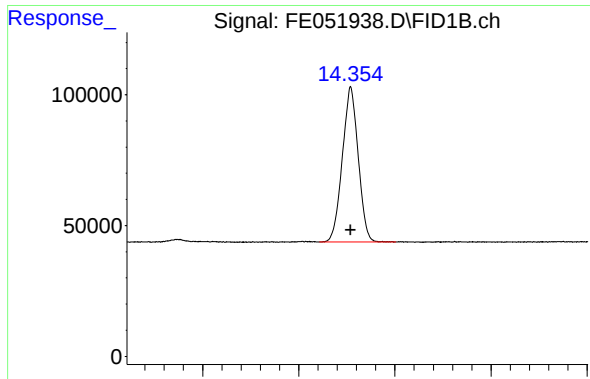
#11 n-Heneicosane (C21)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 672300
Conc: 5.17 ug/ml



#12 1-chlorooctadecane (SURR)

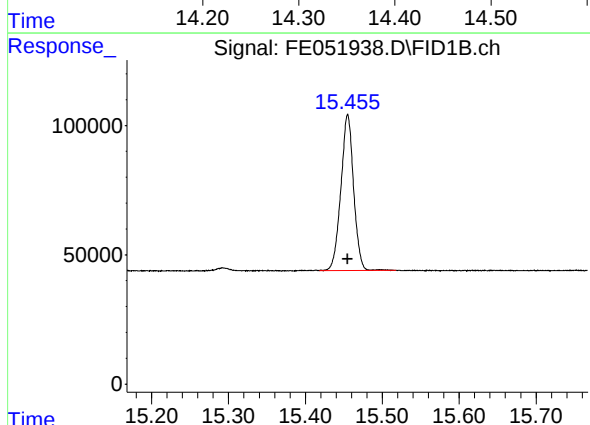
R.T.: 13.605 min
Delta R.T.: 0.000 min
Response: 592794
Conc: 5.17 ug/ml



#13 n-Docosane (C22)

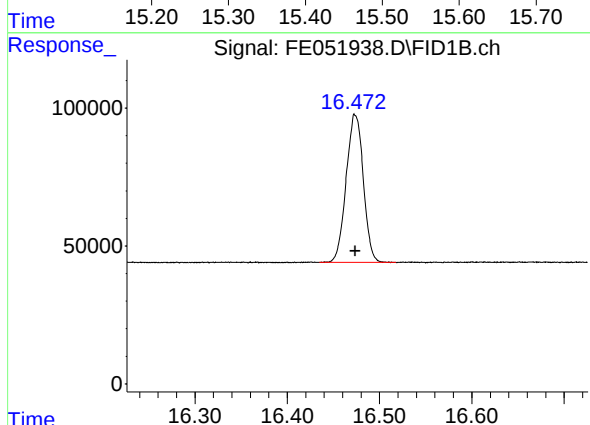
R.T.: 14.354 min
Delta R.T.: 0.000 min
Response: 679960
Conc: 5.18 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



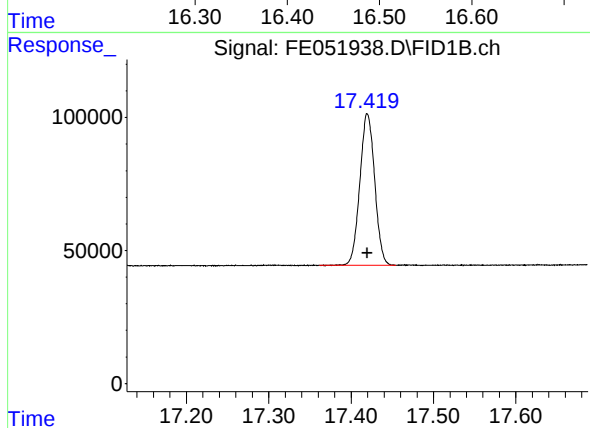
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 691759
Conc: 5.21 ug/ml



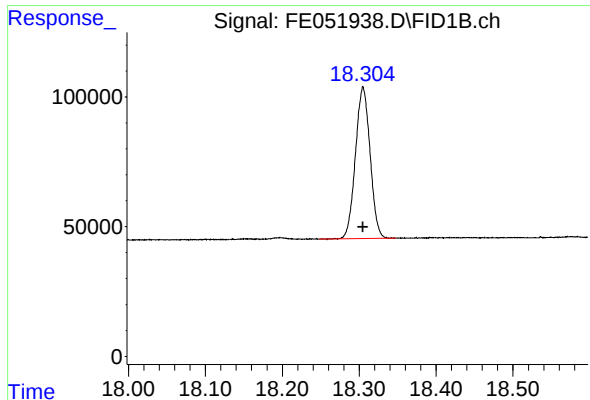
#15 n-Hexacosane (C26)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 693676
Conc: 5.25 ug/ml



#16 n-Octacosane (C28)

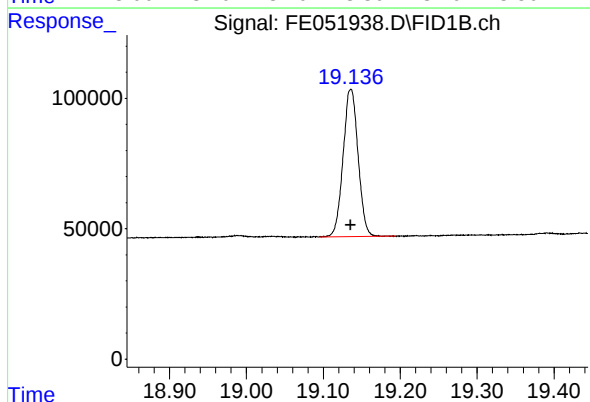
R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 713003
Conc: 5.40 ug/ml



#17 n-Tricontane (C30)

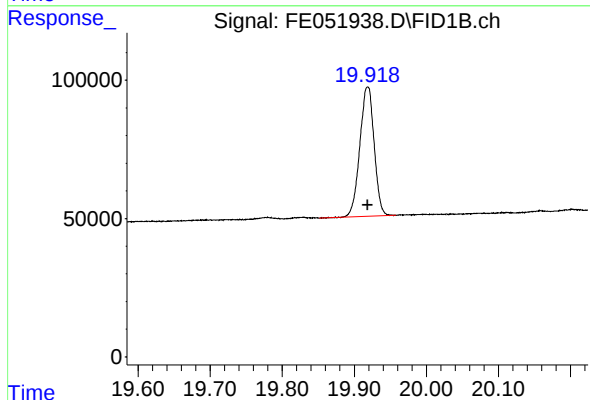
R.T.: 18.305 min
Delta R.T.: 0.000 min
Response: 774189
Conc: 5.68 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



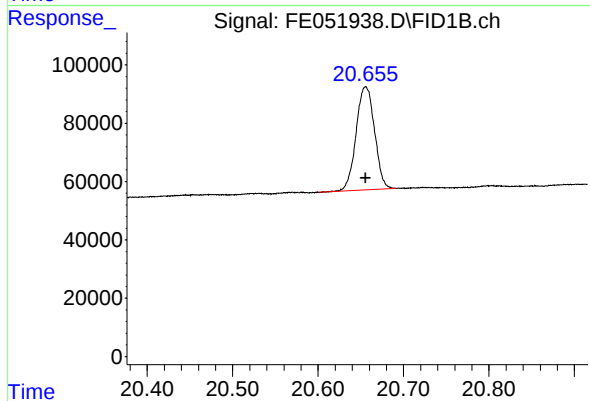
#18 n-Dotriacontane (C32)

R.T.: 19.136 min
Delta R.T.: 0.000 min
Response: 762348
Conc: 5.82 ug/ml



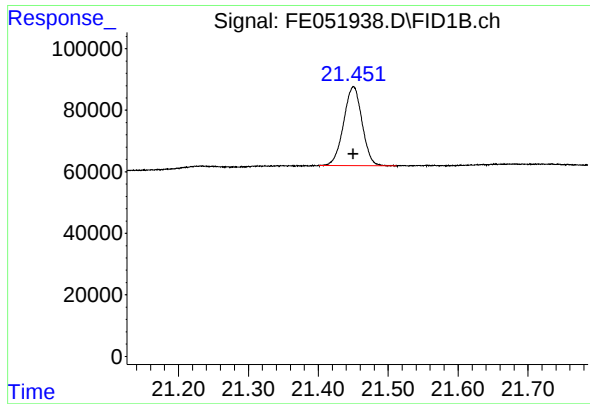
#19 n-Tetratriacontane (C34)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 643760
Conc: 5.72 ug/ml



#20 n-Hexatriacontane (C36)

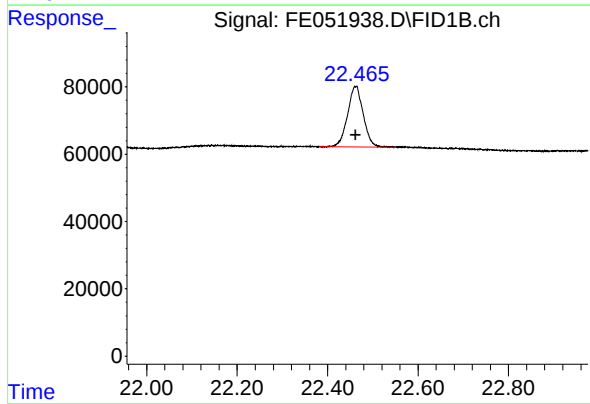
R.T.: 20.656 min
Delta R.T.: 0.000 min
Response: 530651
Conc: 5.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.450 min
Delta R.T.: 0.000 min
Response: 471183
Conc: 5.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.462 min
Delta R.T.: 0.000 min
Response: 432480
Conc: 5.25 ug/ml