

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015232.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:58
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 14 15:33:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:32:54 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)	11.922	822616	5.174 ug/ml
Spiked Amount 50.000		Recovery =	10.35%
12) S 1-chlorooctadecane (S...	13.359	641187	5.143 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
Target Compounds			
1) T n-Nonane (C9)	3.314	679044	5.173 ug/ml
2) T n-Decane (C10)	4.567	692027	5.174 ug/ml
3) T A~Naphthalene (C11.7)	6.267	746581	5.133 ug/ml
4) T n-Dodecane (C12)	6.730	696131	5.162 ug/ml
5) T A~2-methylnaphthalene...	7.361	712729	5.065 ug/ml
6) T n-Tetradecane (C14)	8.555	696375	5.154 ug/ml
7) T n-Hexadecane (C16)	10.161	726857	5.130 ug/ml
8) T n-Octadecane (C18)	11.604	757015	5.169 ug/ml
10) T n-Eicosane (C20)	12.914	748861	5.194 ug/ml
11) T n-Heneicosane (C21)	13.526	740067	5.184 ug/ml
13) T n-Docosane (C22)	14.112	742815	5.182 ug/ml
14) T n-Tetracosane (C24)	15.216	757377	5.221 ug/ml
15) T n-Hexacosane (C26)	16.238	740421	5.210 ug/ml
16) T n-Octacosane (C28)	17.189	741442	5.328 ug/ml
17) T n-Tricontane (C30)	18.077	766987	5.507 ug/ml
18) T n-Dotriacontane (C32)	18.909	729037	5.589 ug/ml
19) T n-Tetratriacontane (C34)	19.694	600214	5.521 ug/ml
20) T n-Hexatriacontane (C36)	20.433	469008	5.332 ug/ml
21) T n-Octatriacontane (C38)	21.170	432331	5.246 ug/ml
22) T n-Tetracontane (C40)	22.086	381090	4.803 ug/ml

(f)=RT Delta > 1/2 Window

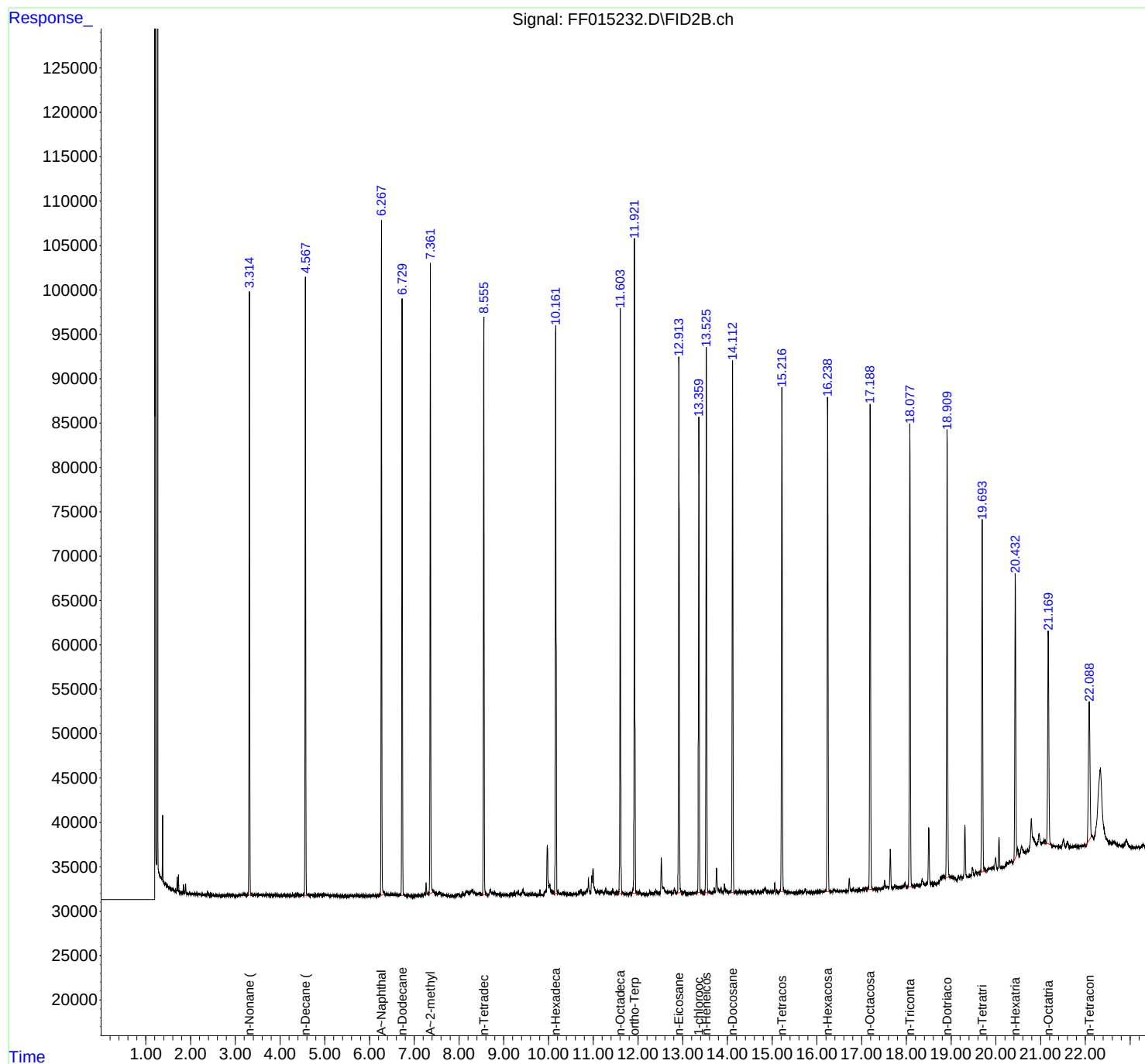
(m)=manual int.

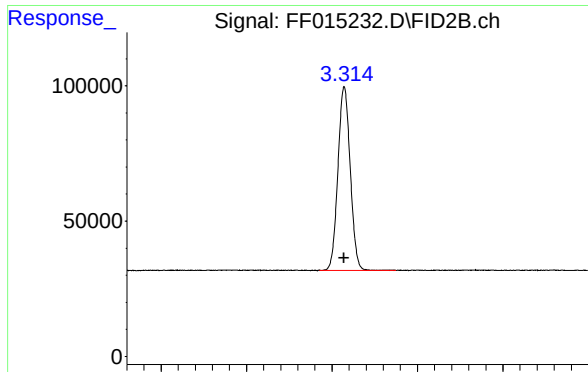
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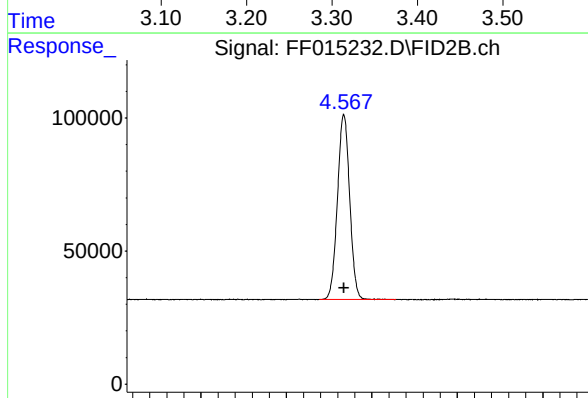




#1 n-Nonane (C9)

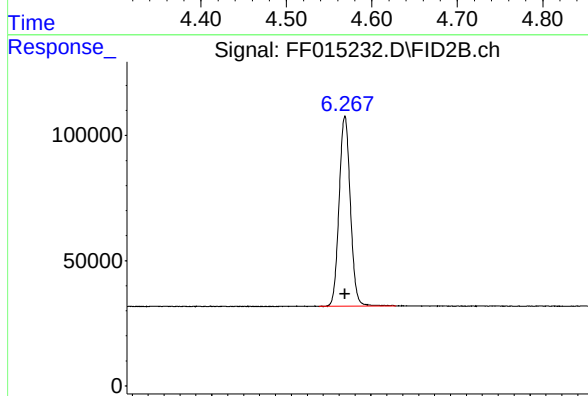
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 679044
Conc: 5.17 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



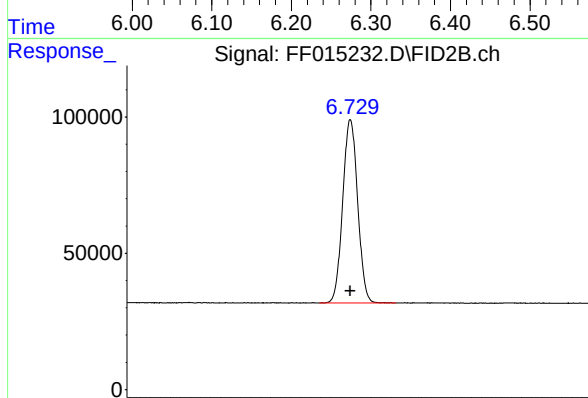
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 692027
Conc: 5.17 ug/ml



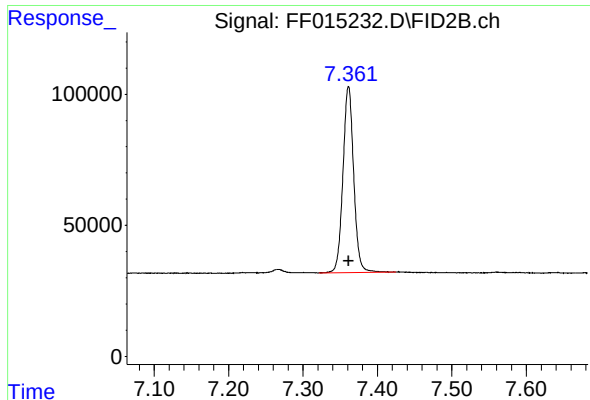
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 746581
Conc: 5.13 ug/ml



#4 n-Dodecane (C12)

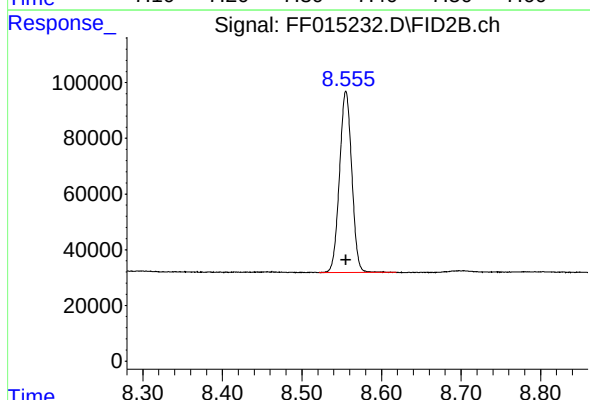
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 696131
Conc: 5.16 ug/ml



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

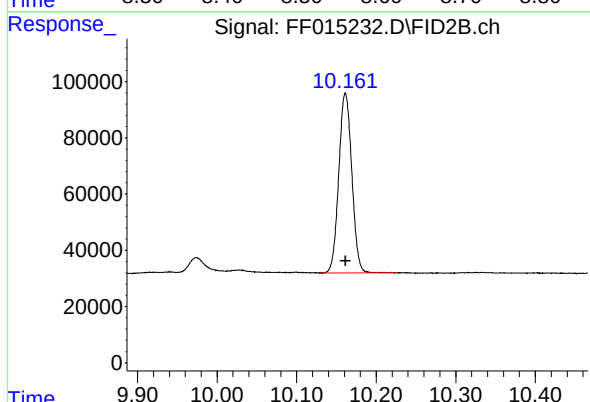
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 712729
Conc: 5.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



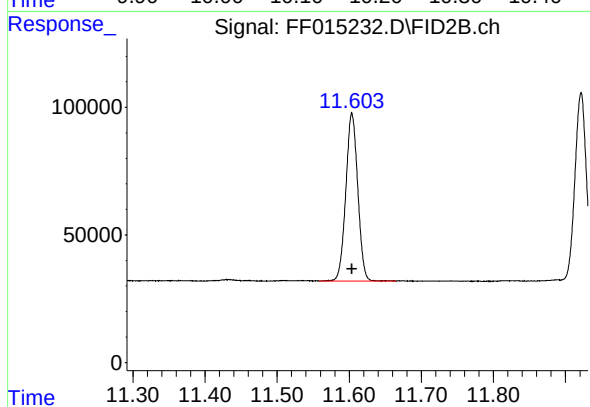
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 696375
Conc: 5.15 ug/ml



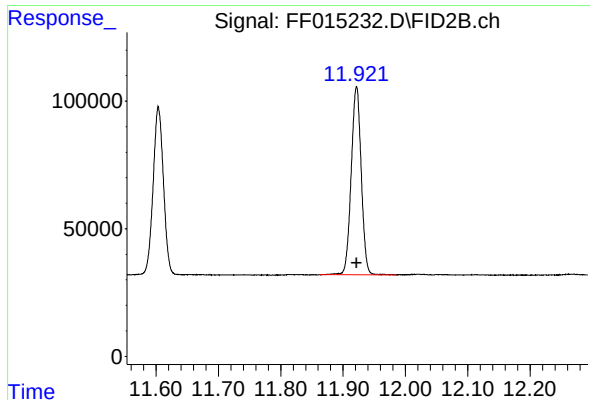
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.000 min
Response: 726857
Conc: 5.13 ug/ml



#8 n-Octadecane (C18)

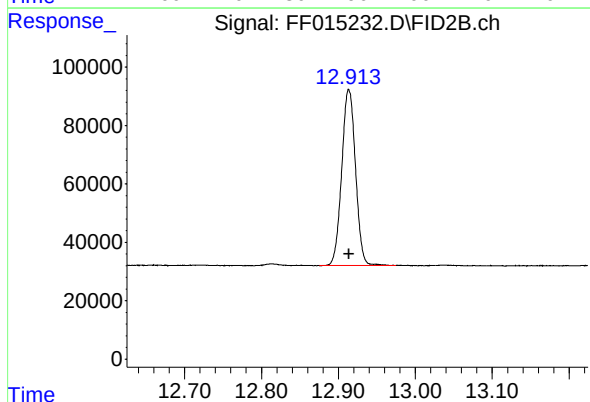
R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 757015
Conc: 5.17 ug/ml



#9 ortho-Terphenyl (SURR)

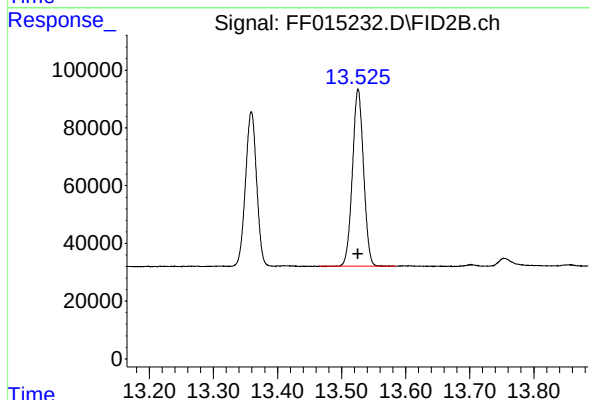
R.T.: 11.922 min
Delta R.T.: 0.000 min
Response: 822616
Conc: 5.17 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



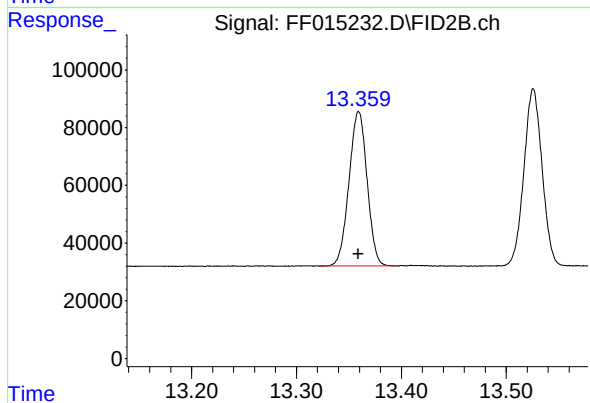
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 748861
Conc: 5.19 ug/ml



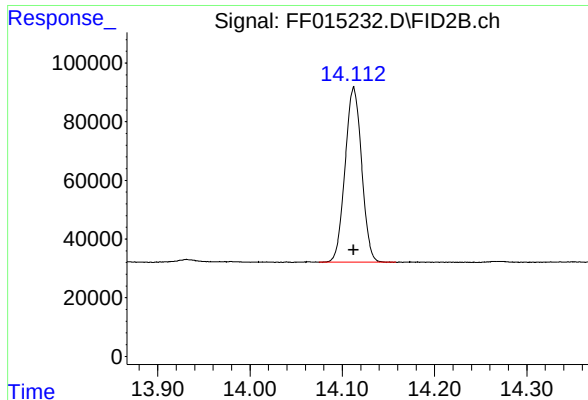
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 740067
Conc: 5.18 ug/ml



#12 1-chlorooctadecane (SURR)

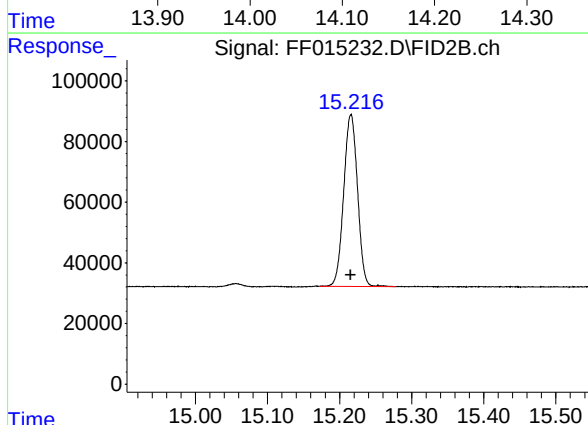
R.T.: 13.359 min
Delta R.T.: 0.000 min
Response: 641187
Conc: 5.14 ug/ml



#13 n-Docosane (C22)

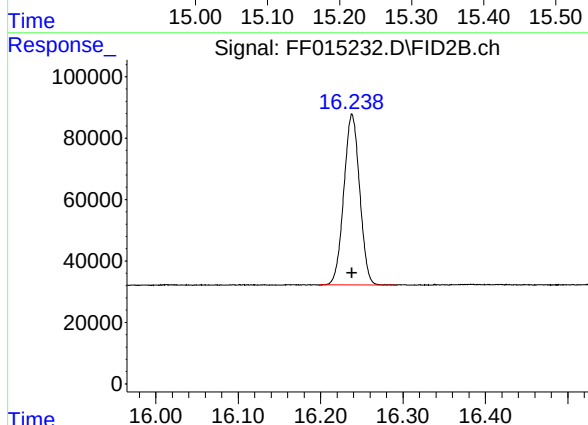
R.T.: 14.112 min
Delta R.T.: 0.000 min
Response: 742815
Conc: 5.18 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



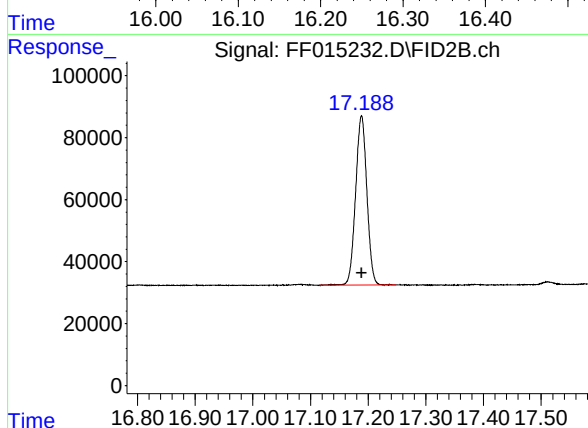
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 757377
Conc: 5.22 ug/ml



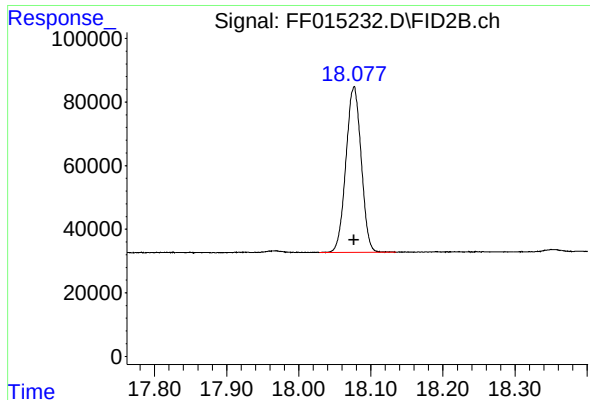
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 740421
Conc: 5.21 ug/ml



#16 n-Octacosane (C28)

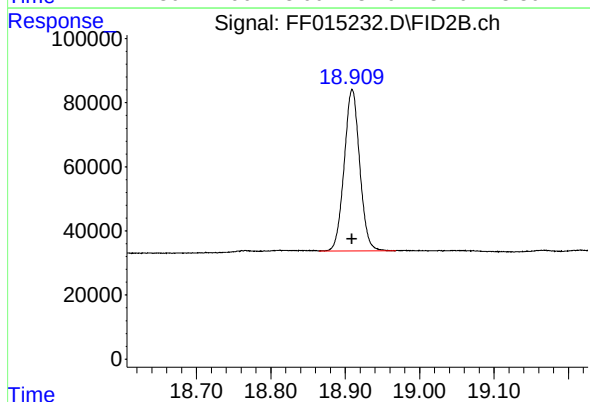
R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 741442
Conc: 5.33 ug/ml



#17 n-Tricontane (C30)

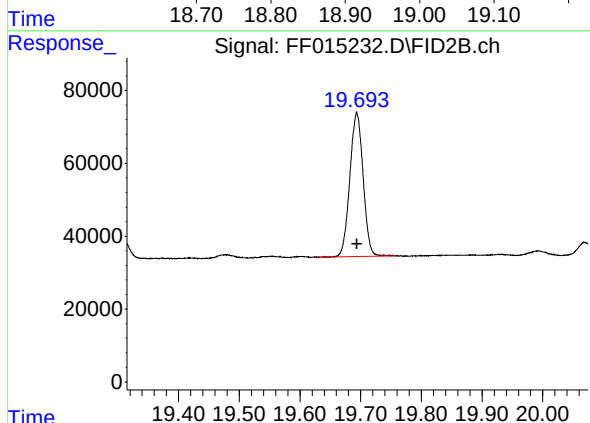
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 766987
Conc: 5.51 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



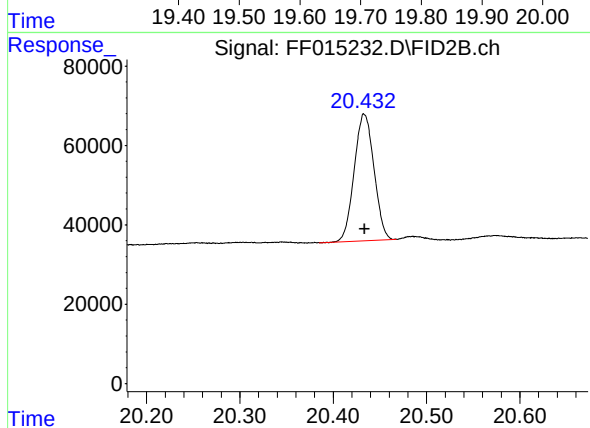
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 729037
Conc: 5.59 ug/ml



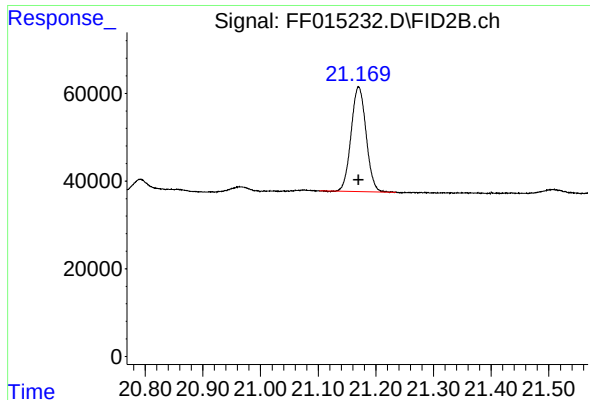
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 600214
Conc: 5.52 ug/ml



#20 n-Hexatriacontane (C36)

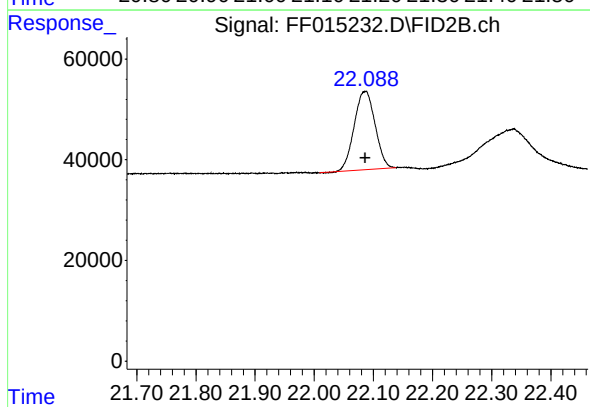
R.T.: 20.433 min
Delta R.T.: 0.000 min
Response: 469008
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.000 min
Response: 432331
Conc: 5.25 ug/ml

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FID_F
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.000 min
Response: 381090
Conc: 4.80 ug/ml