

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017025.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 23:11
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 01 08:47:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 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)	12.027	749234	4.594 ug/ml
Spiked Amount 50.000		Recovery =	9.19%
12) S 1-chlorooctadecane (S...	13.475	535525	4.334 ug/ml
Spiked Amount 50.000		Recovery =	8.67%
Target Compounds			
1) T n-Nonane (C9)	3.357	586357	4.535 ug/ml
2) T n-Decane (C10)	4.617	582252	4.378 ug/ml
3) T A~Naphthalene (C11.7)	6.339	516666	3.793 ug/ml
4) T n-Dodecane (C12)	6.797	590496	4.363 ug/ml
5) T A~2-methylnaphthalene...	7.444	414925	3.292 ug/ml
6) T n-Tetradecane (C14)	8.636	560982	4.193 ug/ml
7) T n-Hexadecane (C16)	10.255	551087	3.959 ug/ml
8) T n-Octadecane (C18)	11.707	614920	4.223 ug/ml
10) T n-Eicosane (C20)	13.024	659753	4.566 ug/ml
11) T n-Heneicosane (C21)	13.641	659448	4.603 ug/ml
13) T n-Docosane (C22)	14.232	696601	4.903 ug/ml
14) T n-Tetracosane (C24)	15.342	780746	5.532 ug/ml
15) T n-Hexacosane (C26)	16.371	782715	5.676 ug/ml
16) T n-Octacosane (C28)	17.326	842516	6.103 ug/ml
17) T n-Tricontane (C30)	18.220	945850	6.347 ug/ml
18) T n-Dotriacontane (C32)	19.057	1008099	6.679 ug/ml
19) T n-Tetratriacontane (C34)	19.846	847642	6.277 ug/ml
20) T n-Hexatriacontane (C36)	20.591	616445	5.599 ug/ml
21) T n-Octatriacontane (C38)	21.366	504397	5.269 ug/ml
22) T n-Tetracontane (C40)	22.350	405138	4.726 ug/ml

(f)=RT Delta > 1/2 Window

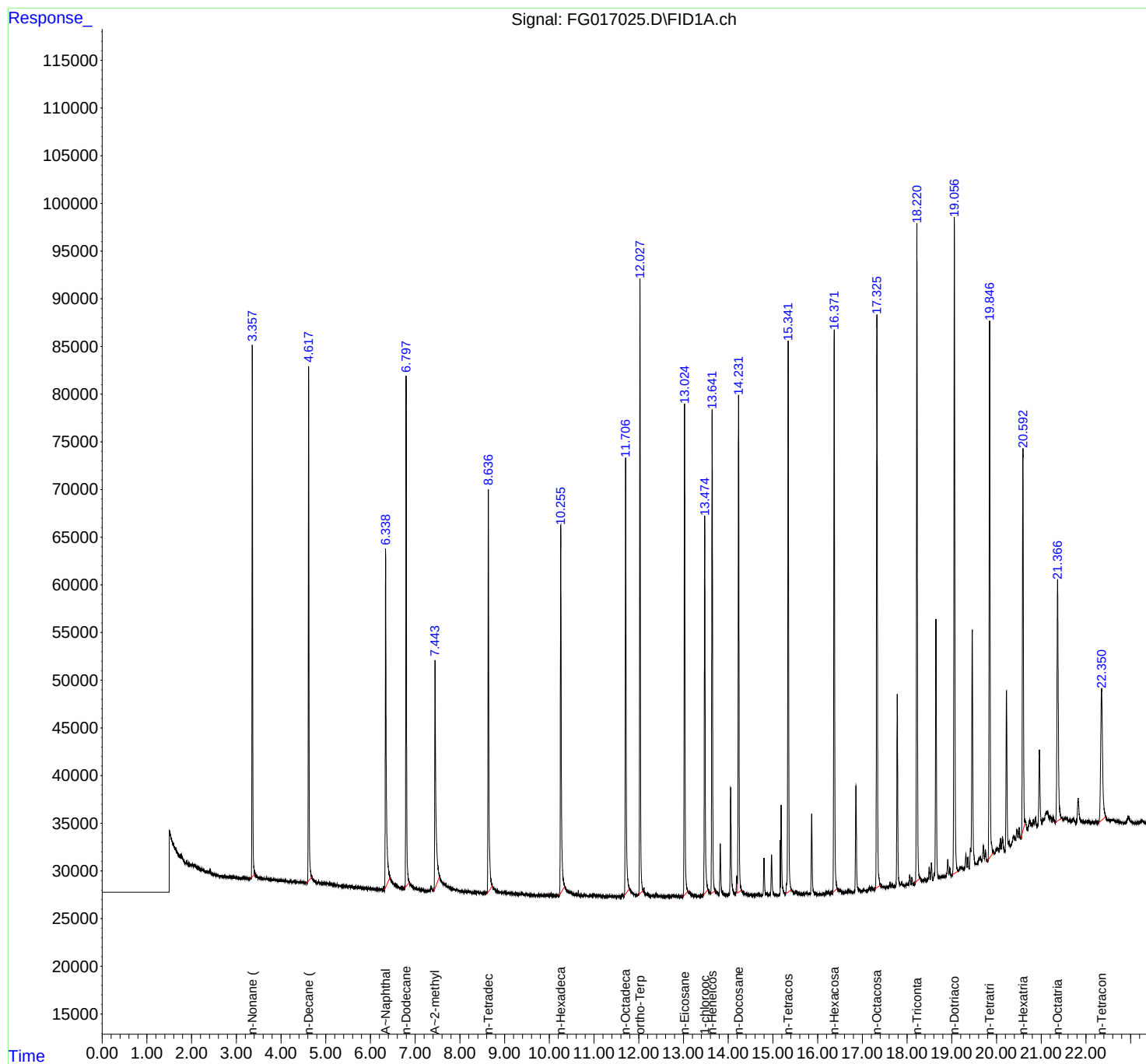
(m)=manual int.

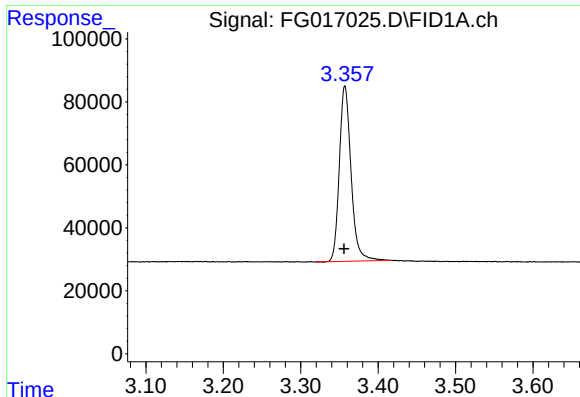
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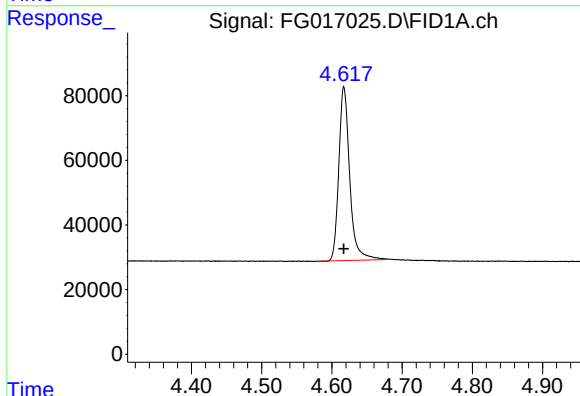




#1 n-Nonane (C9)

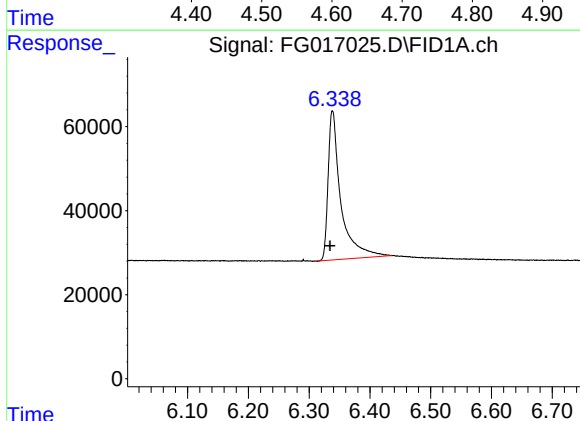
R.T.: 3.357 min
Delta R.T.: 0.001 min
Response: 586357
Conc: 4.53 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



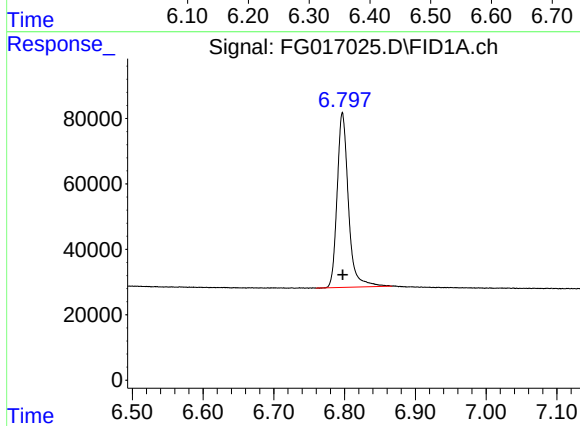
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 582252
Conc: 4.38 ug/ml



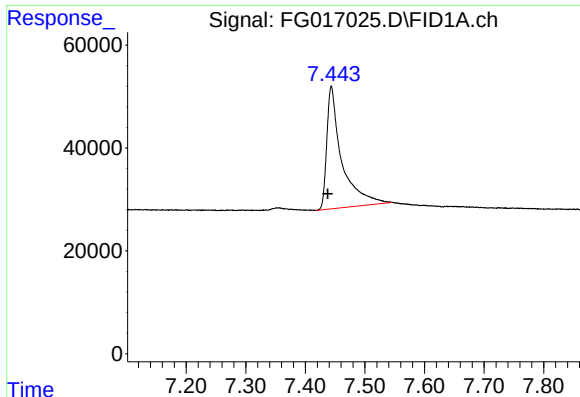
#3 A~Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: 0.004 min
Response: 516666
Conc: 3.79 ug/ml



#4 n-Dodecane (C12)

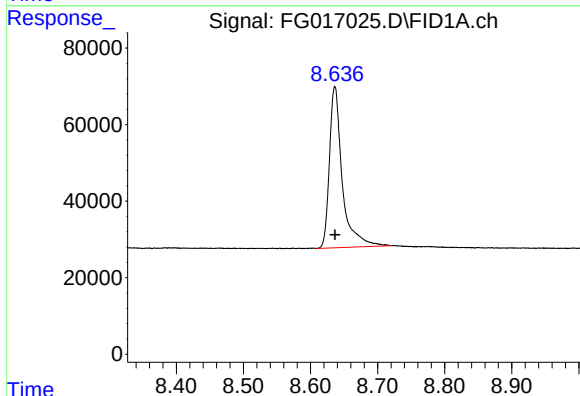
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 590496
Conc: 4.36 ug/ml



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

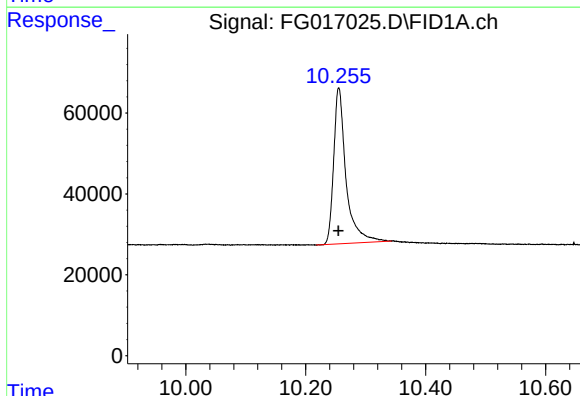
R.T.: 7.444 min
Delta R.T.: 0.006 min
Response: 414925
Conc: 3.29 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



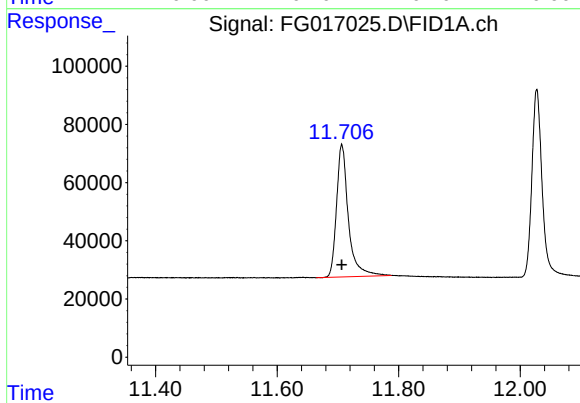
#6 n-Tetradecane (C14)

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 560982
Conc: 4.19 ug/ml



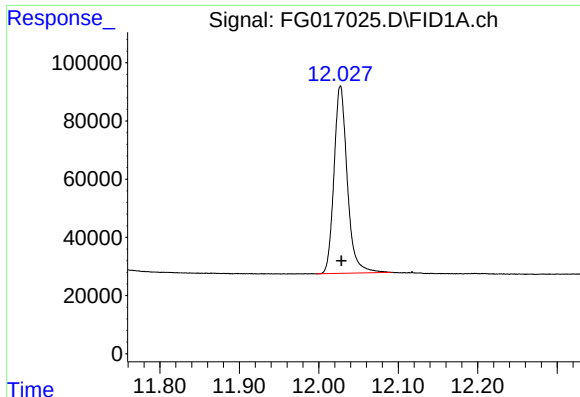
#7 n-Hexadecane (C16)

R.T.: 10.255 min
Delta R.T.: 0.000 min
Response: 551087
Conc: 3.96 ug/ml



#8 n-Octadecane (C18)

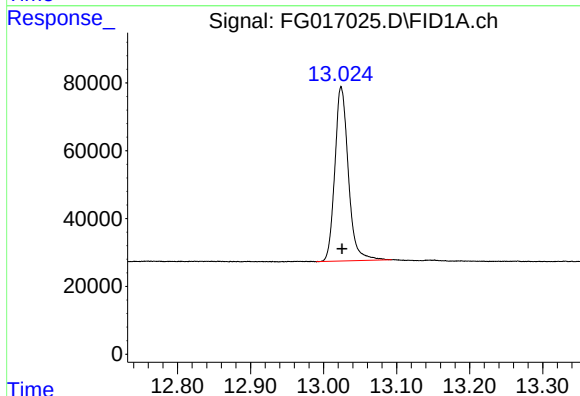
R.T.: 11.707 min
Delta R.T.: 0.000 min
Response: 614920
Conc: 4.22 ug/ml



#9 ortho-Terphenyl (SURR)

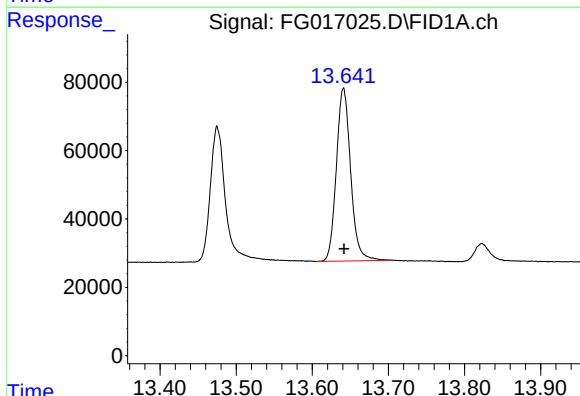
R.T.: 12.027 min
Delta R.T.: -0.001 min
Response: 749234
Conc: 4.59 ug/ml

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5 PPM ALIPHATIC HC STD5



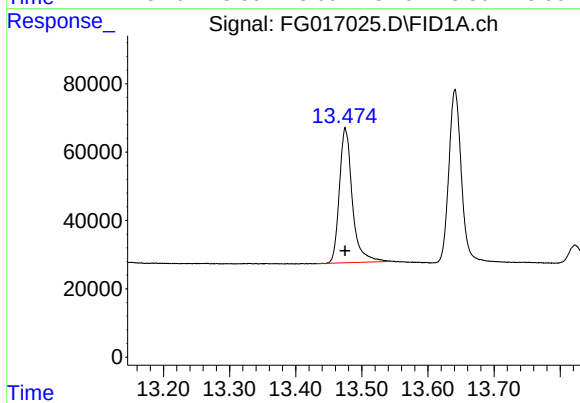
#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.001 min
Response: 659753
Conc: 4.57 ug/ml



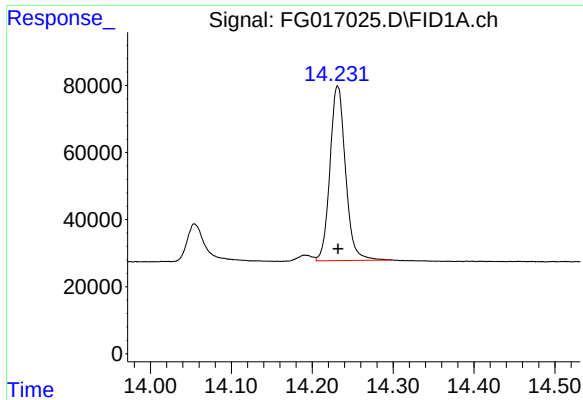
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 659448
Conc: 4.60 ug/ml



#12 1-chlorooctadecane (SURR)

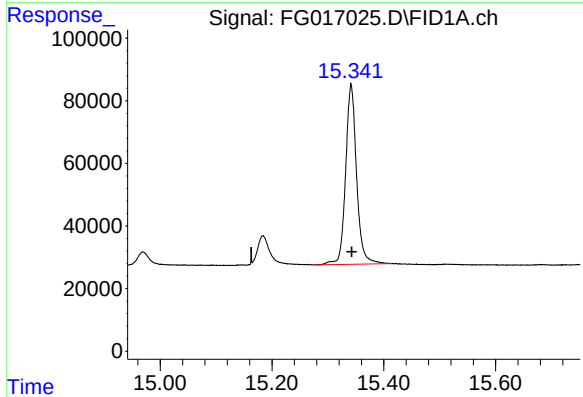
R.T.: 13.475 min
Delta R.T.: 0.000 min
Response: 535525
Conc: 4.33 ug/ml



#13 n-Docosane (C22)

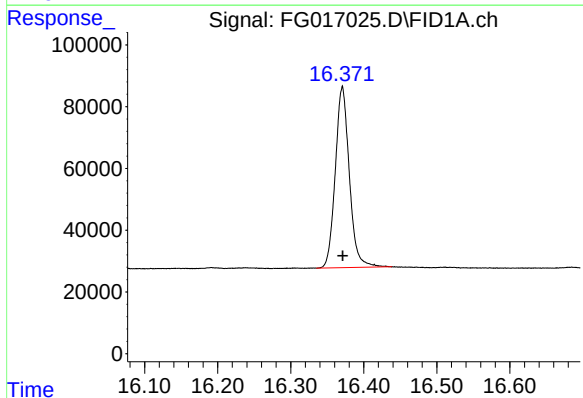
R.T.: 14.232 min
Delta R.T.: 0.000 min
Response: 696601
Conc: 4.90 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



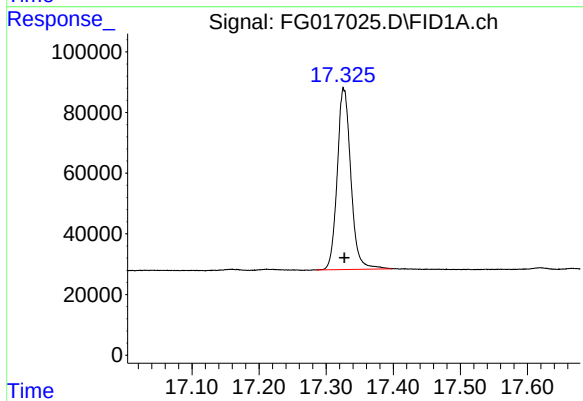
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 780746
Conc: 5.53 ug/ml



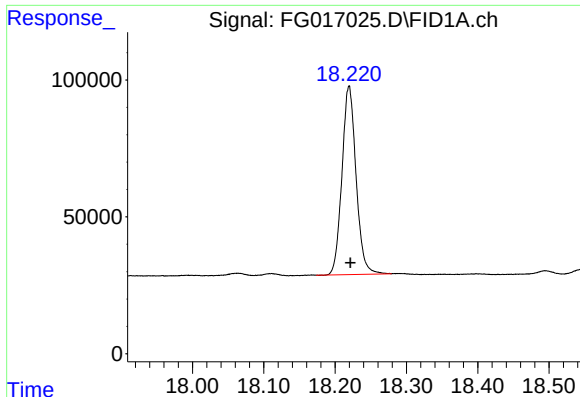
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 782715
Conc: 5.68 ug/ml



#16 n-Octacosane (C28)

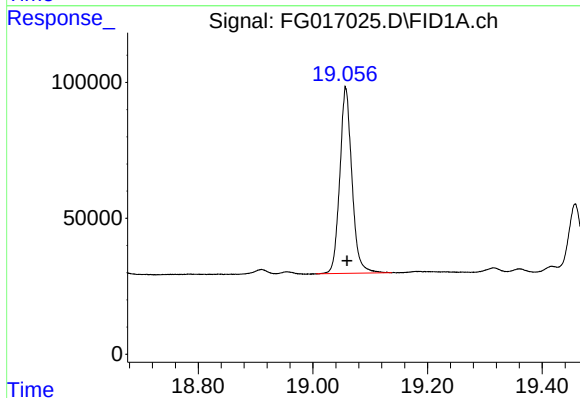
R.T.: 17.326 min
Delta R.T.: 0.000 min
Response: 842516
Conc: 6.10 ug/ml



#17 n-Tricontane (C30)

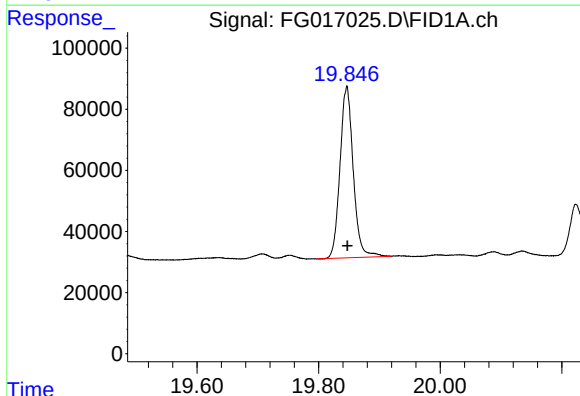
R.T.: 18.220 min
Delta R.T.: -0.002 min
Response: 945850
Conc: 6.35 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



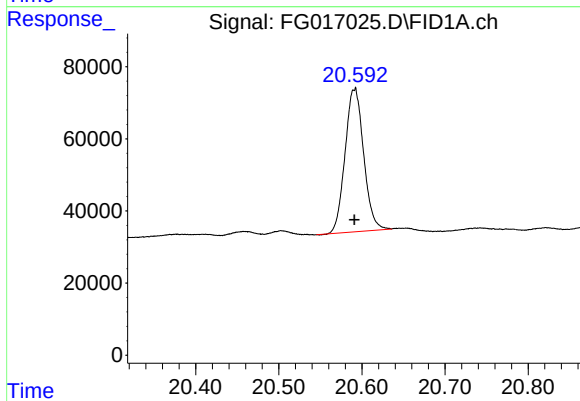
#18 n-Dotriacontane (C32)

R.T.: 19.057 min
Delta R.T.: -0.003 min
Response: 1008099
Conc: 6.68 ug/ml



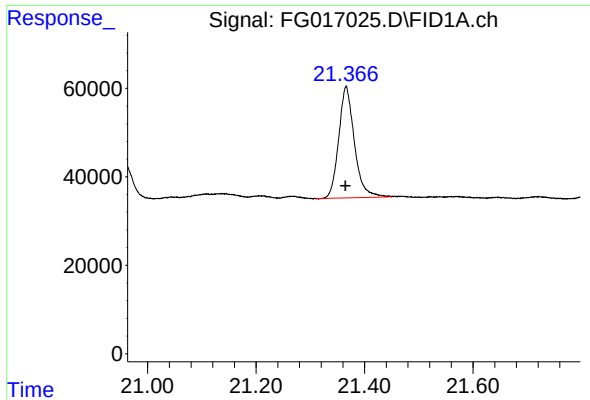
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.001 min
Response: 847642
Conc: 6.28 ug/ml



#20 n-Hexatriacontane (C36)

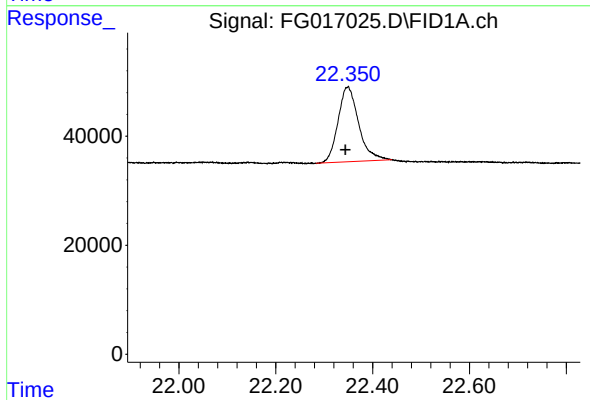
R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 616445
Conc: 5.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.366 min
Delta R.T.: 0.001 min
Response: 504397
Conc: 5.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.350 min
Delta R.T.: 0.005 min
Response: 405138
Conc: 4.73 ug/ml