

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AL\
 Data File : FF015468.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 19:33
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 01:06:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 01:02:28 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)	11.933	768022	5.204 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
12) S 1-chlorooctadecane (S...	13.371	567331	5.091 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T n-Nonane (C9)	3.317	699069	5.188 ug/ml
2) T n-Decane (C10)	4.571	714350	5.184 ug/ml
3) T A~Naphthalene (C11.7)	6.276	737108	5.014 ug/ml
4) T n-Dodecane (C12)	6.736	724702	5.179 ug/ml
5) T A~2-methylnaphthalene...	7.372	685115	4.897 ug/ml
6) T n-Tetradecane (C14)	8.562	719237	5.174 ug/ml
7) T n-Hexadecane (C16)	10.170	732739	5.134 ug/ml
8) T n-Octadecane (C18)	11.614	736971	5.178 ug/ml
10) T n-Eicosane (C20)	12.925	697638	5.202 ug/ml
11) T n-Heneicosane (C21)	13.538	677319	5.205 ug/ml
13) T n-Docosane (C22)	14.125	659932	5.180 ug/ml
14) T n-Tetracosane (C24)	15.230	635411	5.115 ug/ml
15) T n-Hexacosane (C26)	16.253	609195	5.097 ug/ml
16) T n-Octacosane (C28)	17.204	596119	5.102 ug/ml
17) T n-Tricontane (C30)	18.094	621153	5.252 ug/ml
18) T n-Dotriacontane (C32)	18.929	613374	5.341 ug/ml
19) T n-Tetratriacontane (C34)	19.714	535953	5.290 ug/ml
20) T n-Hexatriacontane (C36)	20.456	463759	5.115 ug/ml
21) T n-Octatriacontane (C38)	21.196	456306	5.119 ug/ml
22) T n-Tetracontane (C40)	22.117	454849	5.014 ug/ml

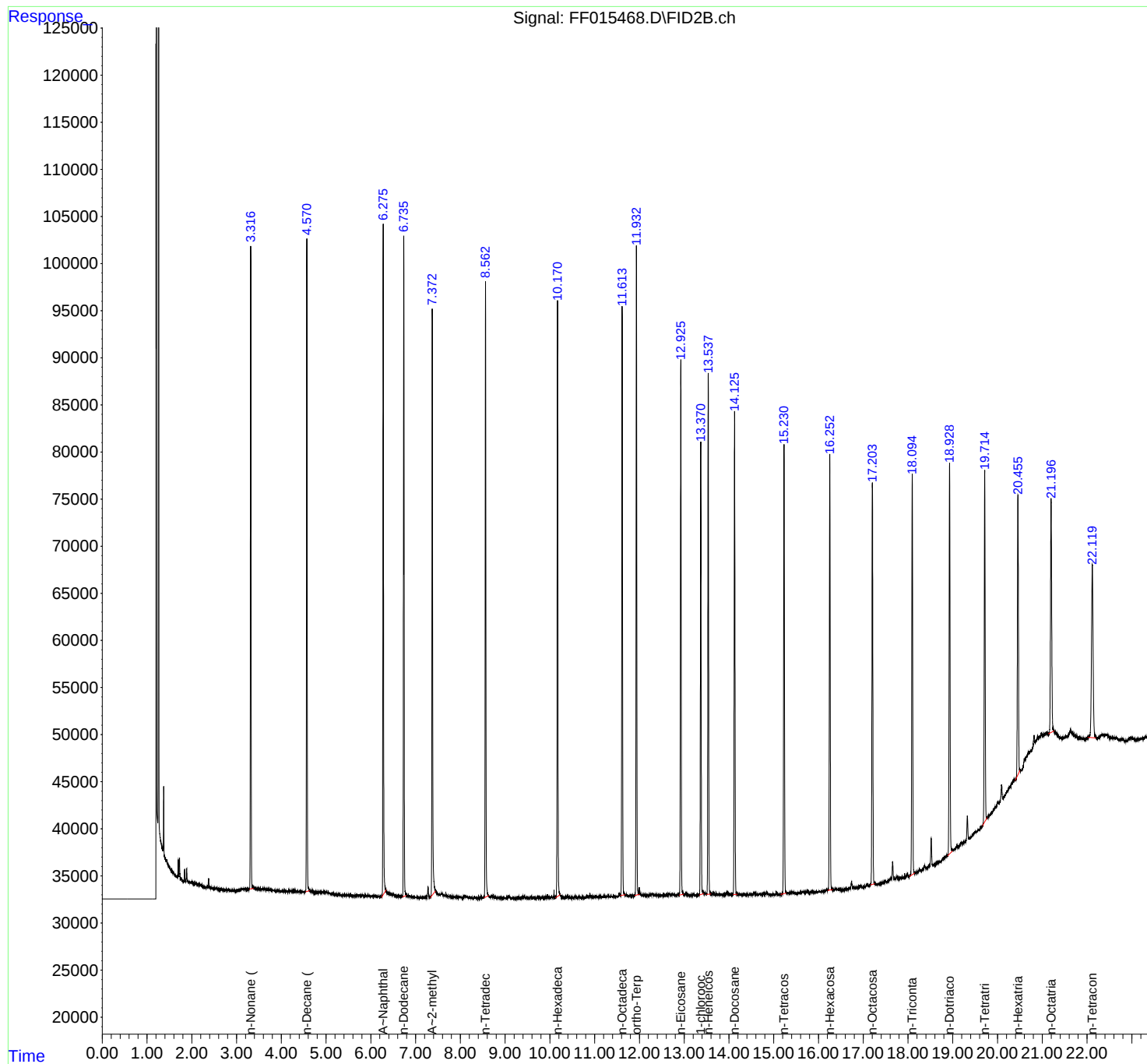
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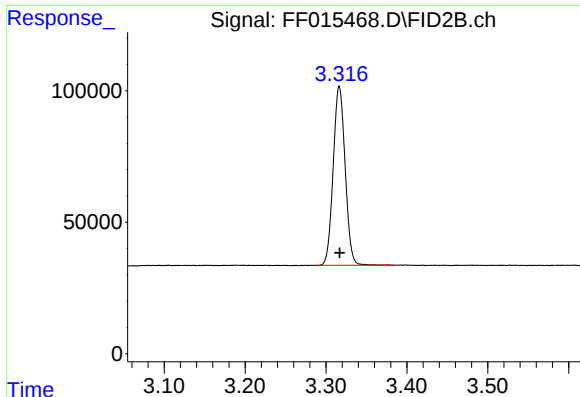
(m)=manual int.

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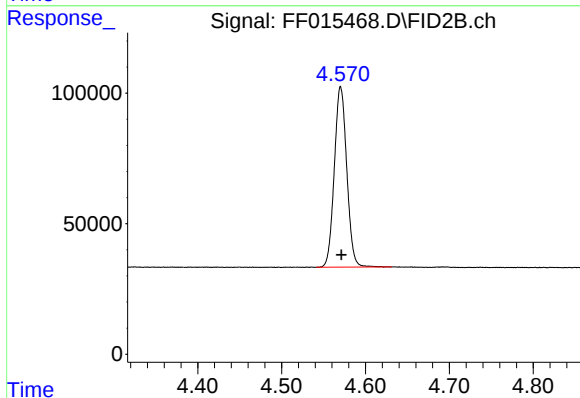
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Signal Info : 20M x 0.18mm x 0.18um





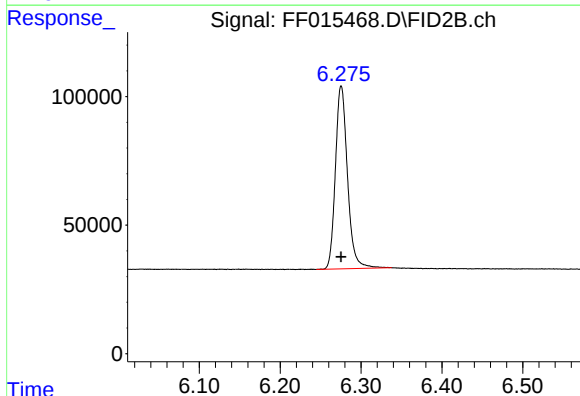
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 699069
Conc: 5.19 ug/ml



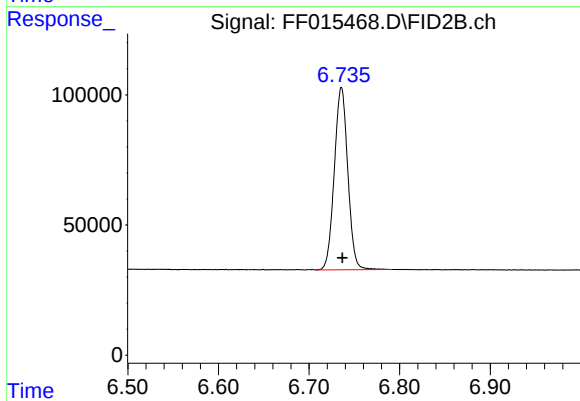
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 714350
Conc: 5.18 ug/ml



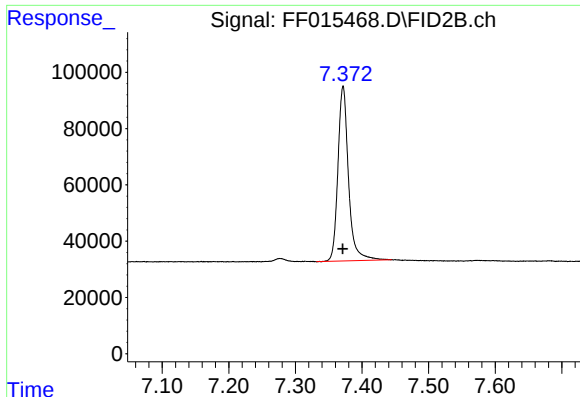
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 737108
Conc: 5.01 ug/ml



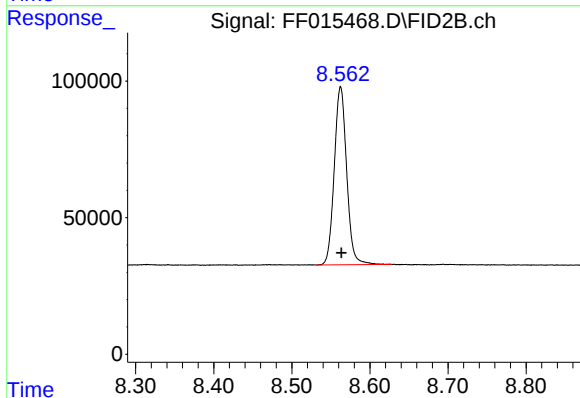
#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 724702
Conc: 5.18 ug/ml



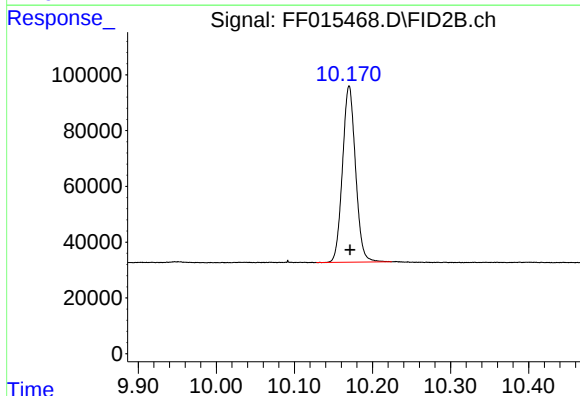
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 685115
Conc: 4.90 ug/ml



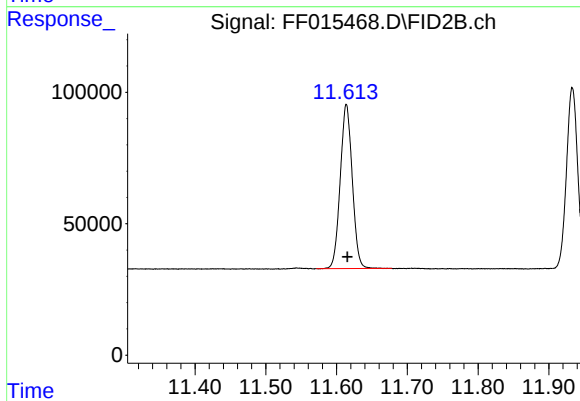
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.001 min
Response: 719237
Conc: 5.17 ug/ml



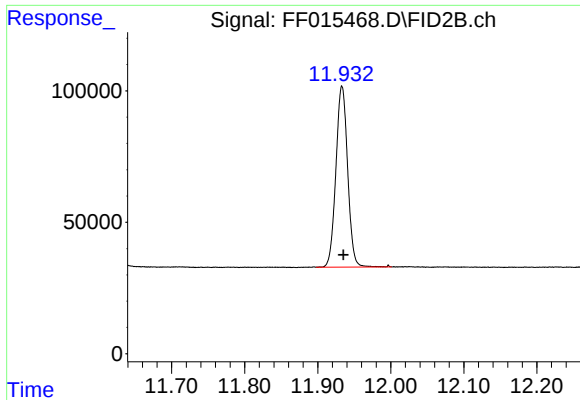
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.001 min
Response: 732739
Conc: 5.13 ug/ml



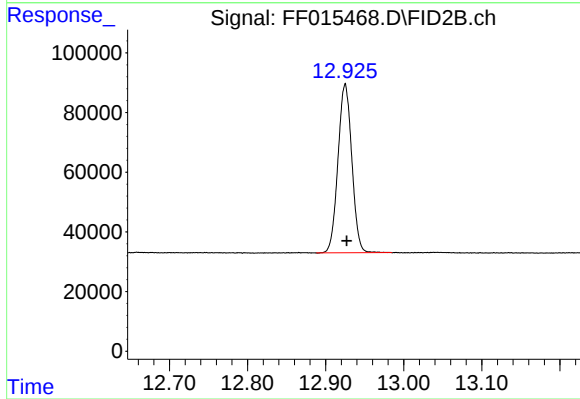
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: -0.001 min
Response: 736971
Conc: 5.18 ug/ml



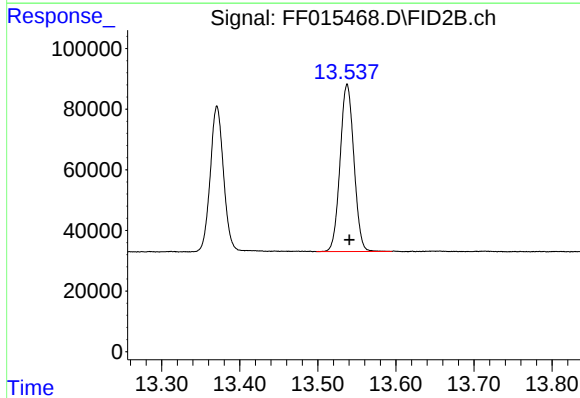
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.002 min
Response: 768022
Conc: 5.20 ug/ml



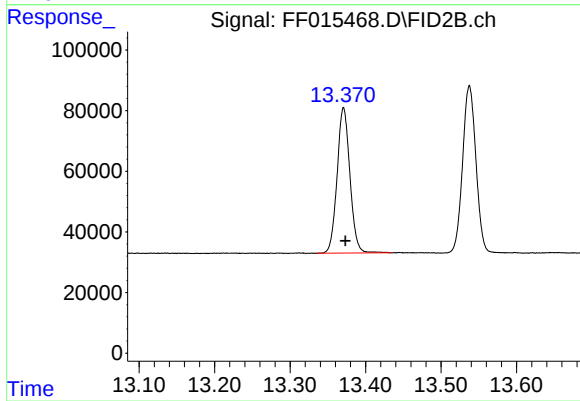
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.002 min
Response: 697638
Conc: 5.20 ug/ml



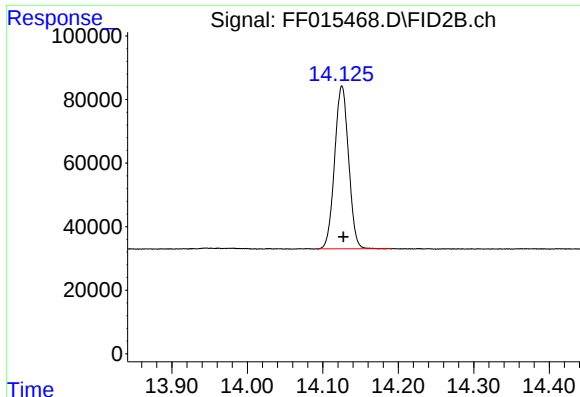
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.003 min
Response: 677319
Conc: 5.20 ug/ml



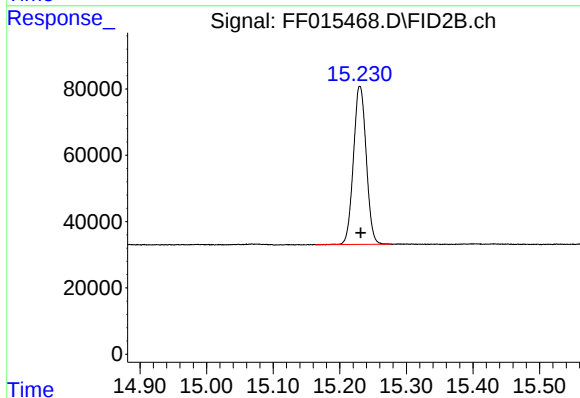
#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.002 min
Response: 567331
Conc: 5.09 ug/ml



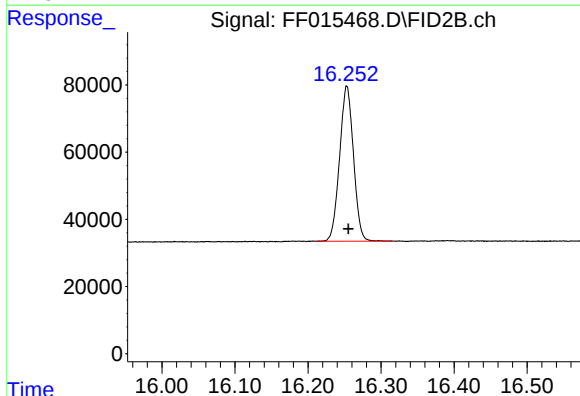
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.002 min
Response: 659932
Conc: 5.18 ug/ml



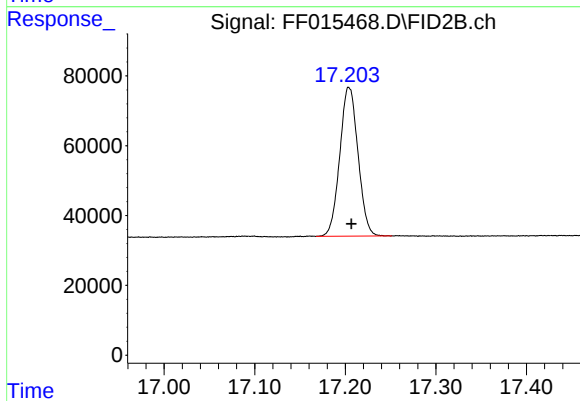
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: 0.000 min
Response: 635411
Conc: 5.11 ug/ml



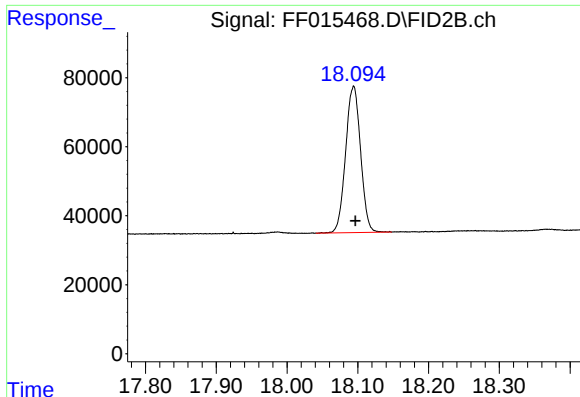
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.002 min
Response: 609195
Conc: 5.10 ug/ml



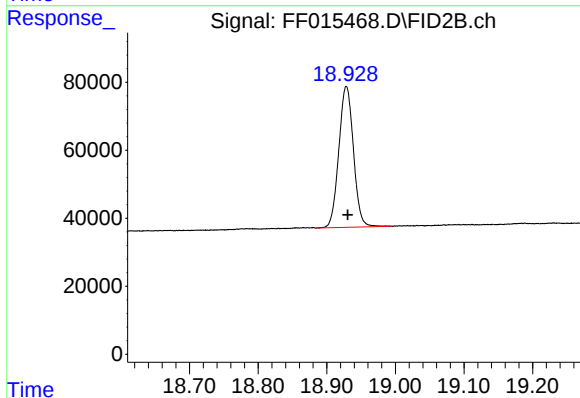
#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.003 min
Response: 596119
Conc: 5.10 ug/ml



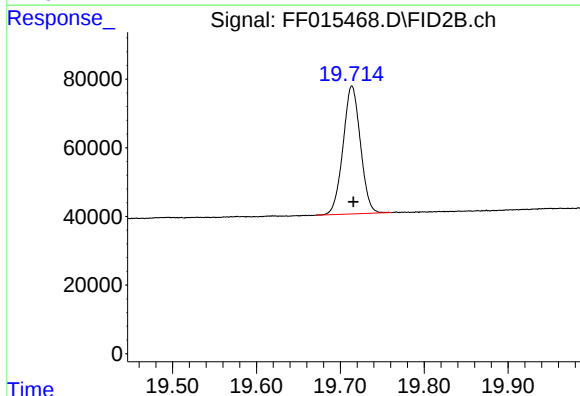
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.003 min
Response: 621153
Conc: 5.25 ug/ml



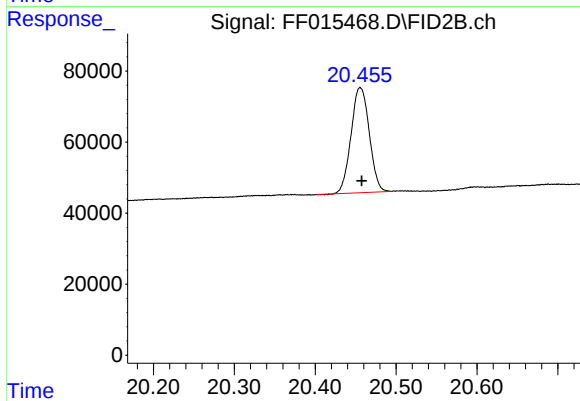
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.002 min
Response: 613374
Conc: 5.34 ug/ml



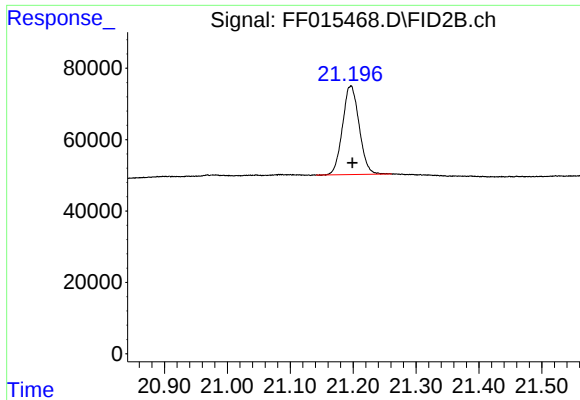
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.002 min
Response: 535953
Conc: 5.29 ug/ml



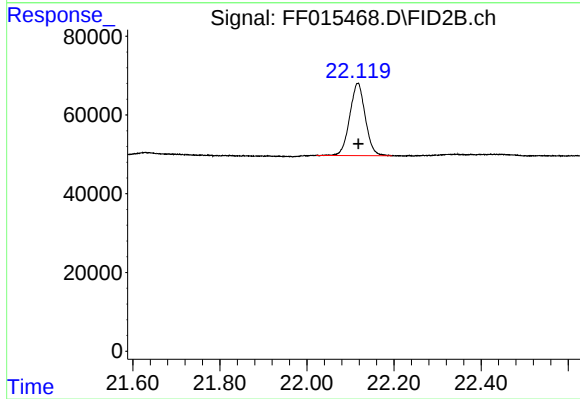
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.002 min
Response: 463759
Conc: 5.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.002 min
Response: 456306
Conc: 5.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.002 min
Response: 454849
Conc: 5.01 ug/ml