

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110823AL\
 Data File : FE045241.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2023 21:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 08 23:11:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.882	3686321	19.307 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.325	2647747	19.223 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.270	3190669	19.314 ug/ml
2) T n-Decane (C10)	4.521	3284328	19.587 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3474469	19.465 ug/ml
4) T n-Dodecane (C12)	6.687	3304252	19.565 ug/ml
5) T A~2-methylnaphthalene...	7.317	3323042	19.352 ug/ml
6) T n-Tetradecane (C14)	8.513	3232644	19.396 ug/ml
7) T n-Hexadecane (C16)	10.124	3253810	19.345 ug/ml
8) T n-Octadecane (C18)	11.569	3207767	19.166 ug/ml
10) T n-Eicosane (C20)	12.881	3037169	19.173 ug/ml
11) T n-Heneicosane (C21)	13.494	2956282	19.227 ug/ml
13) T n-Docosane (C22)	14.081	2912426	19.222 ug/ml
14) T n-Tetracosane (C24)	15.186	2882286	19.460 ug/ml
15) T n-Hexacosane (C26)	16.209	2841530	19.495 ug/ml
16) T n-Octacosane (C28)	17.162	2887780	19.762 ug/ml
17) T n-Tricontane (C30)	18.050	3091365	20.352 ug/ml
18) T n-Dotriacontane (C32)	18.886	3229432	20.672 ug/ml
19) T n-Tetratriacontane (C34)	19.671	3221265	20.631 ug/ml
20) T n-Hexatriacontane (C36)	20.413	3182554	19.607 ug/ml
21) T n-Octatriacontane (C38)	21.152	3325636	20.017 ug/ml
22) T n-Tetracontane (C40)	22.063	3320500	19.440 ug/ml

(f)=RT Delta > 1/2 Window

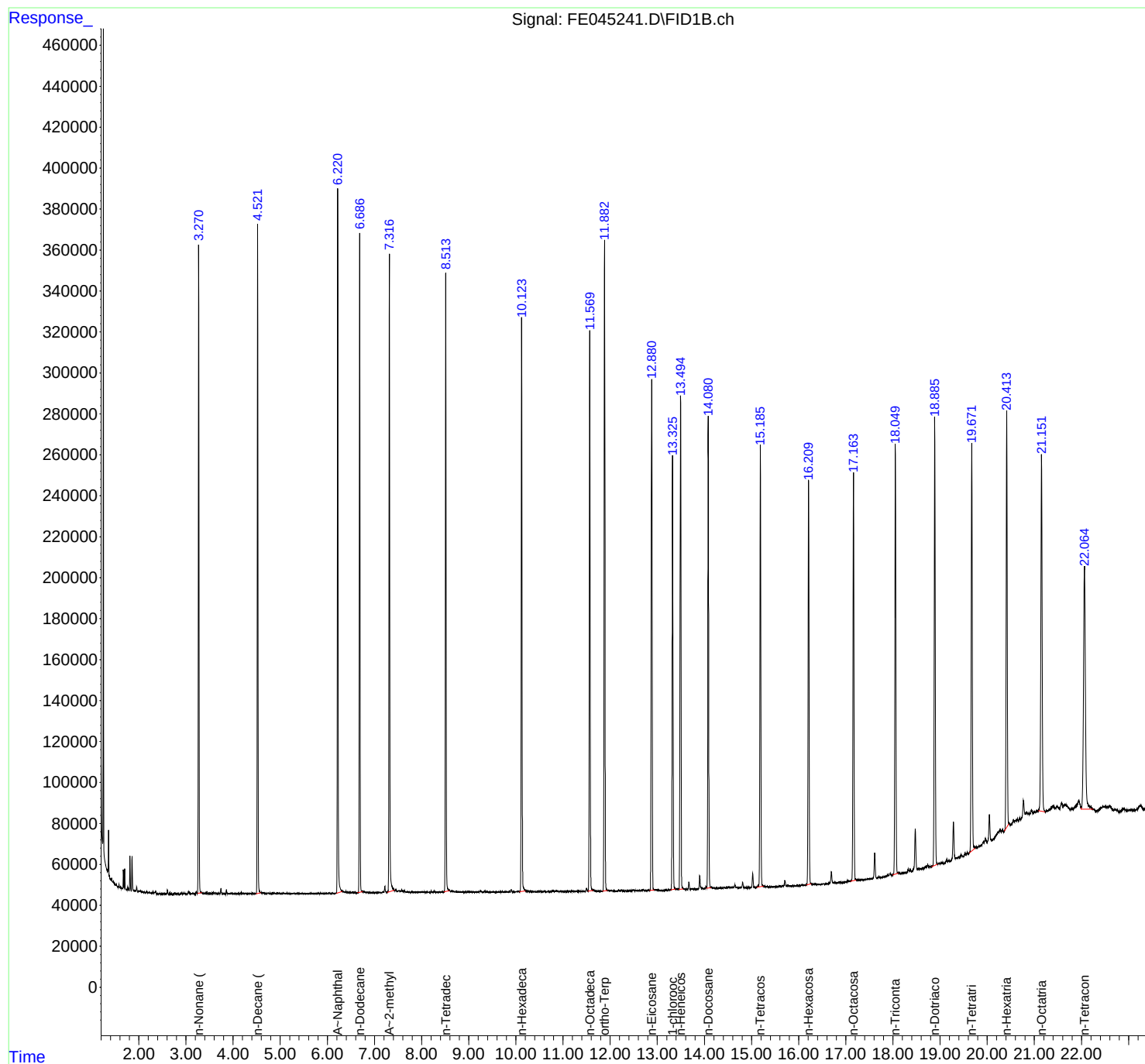
(m)=manual int.

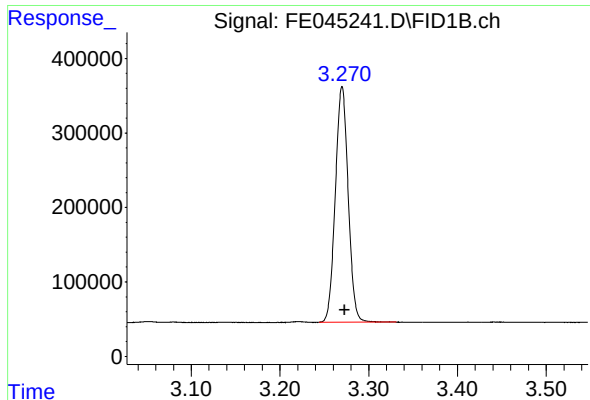
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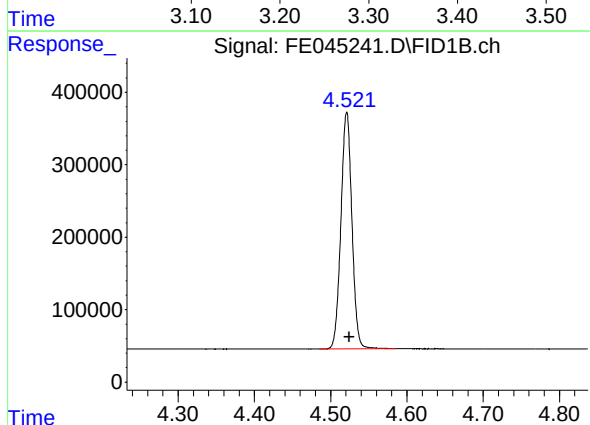




#1 n-Nonane (C9)

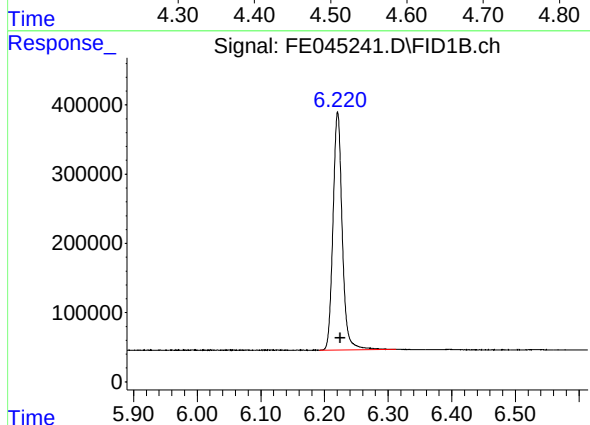
R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 3190669
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



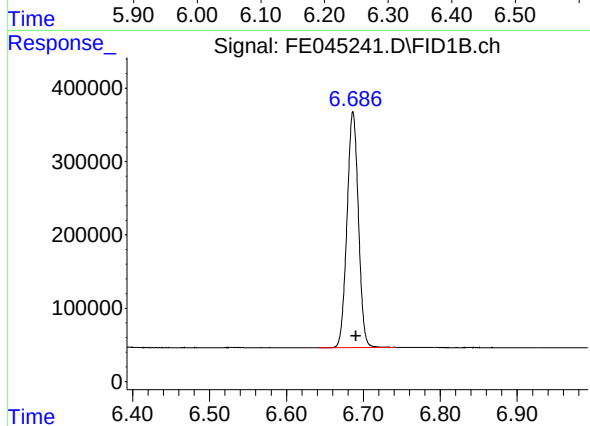
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 3284328
Conc: 19.59 ug/ml



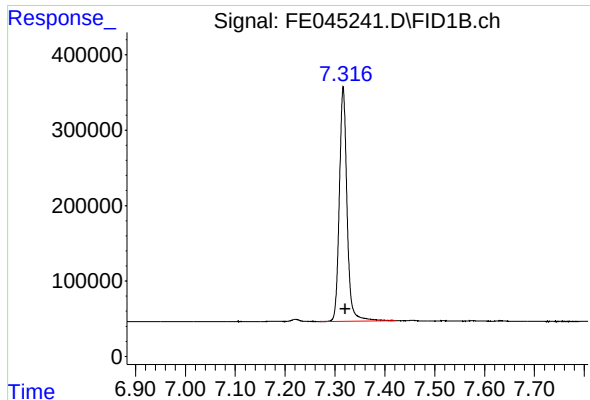
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 3474469
Conc: 19.46 ug/ml



#4 n-Dodecane (C12)

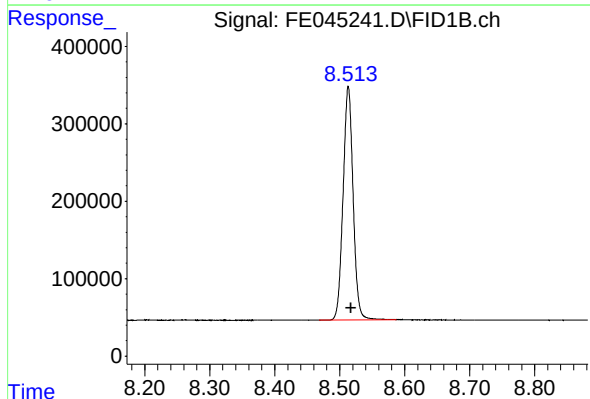
R.T.: 6.687 min
Delta R.T.: -0.004 min
Response: 3304252
Conc: 19.57 ug/ml



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

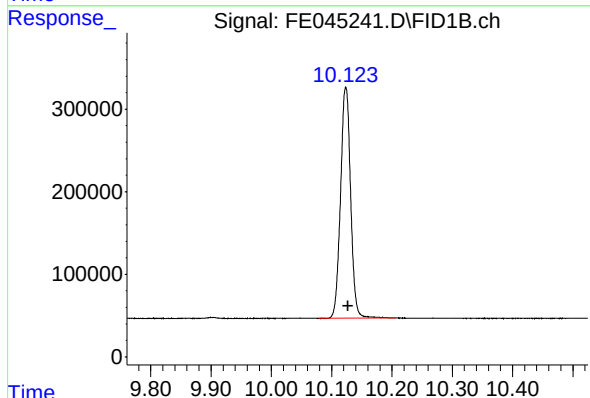
R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 3323042
Conc: 19.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



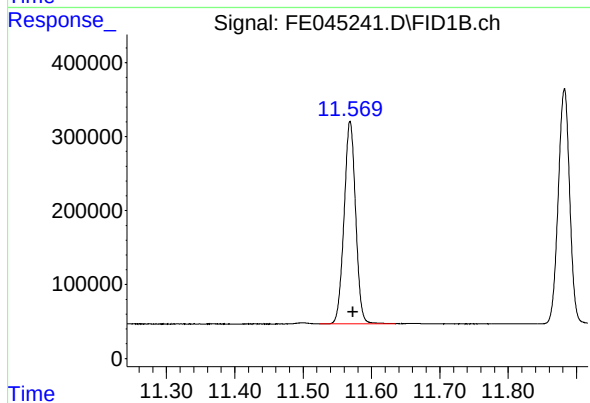
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.004 min
Response: 3232644
Conc: 19.40 ug/ml



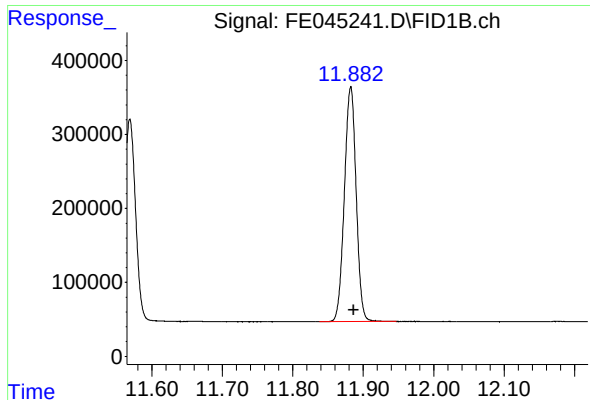
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.003 min
Response: 3253810
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

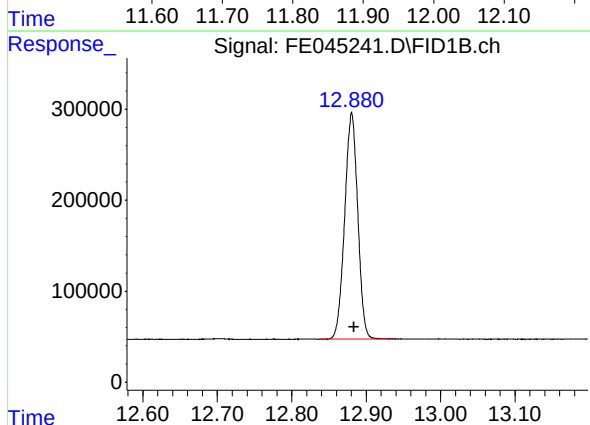
R.T.: 11.569 min
Delta R.T.: -0.004 min
Response: 3207767
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

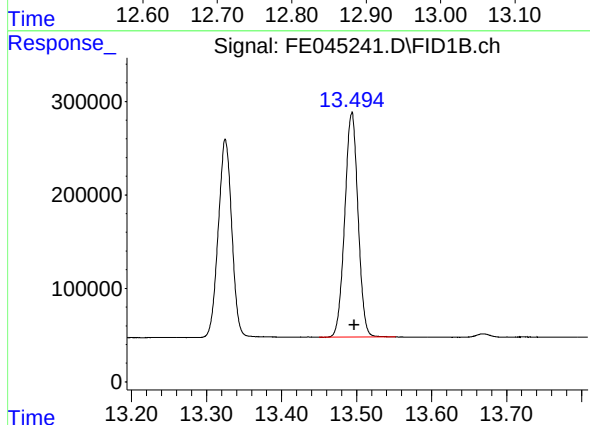
R.T.: 11.882 min
Delta R.T.: -0.004 min
Response: 3686321
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



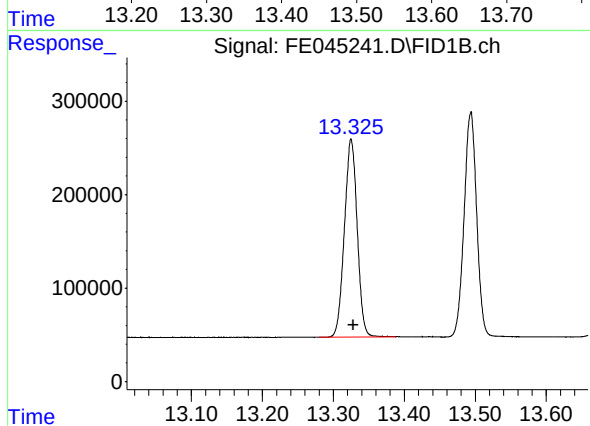
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.003 min
Response: 3037169
Conc: 19.17 ug/ml



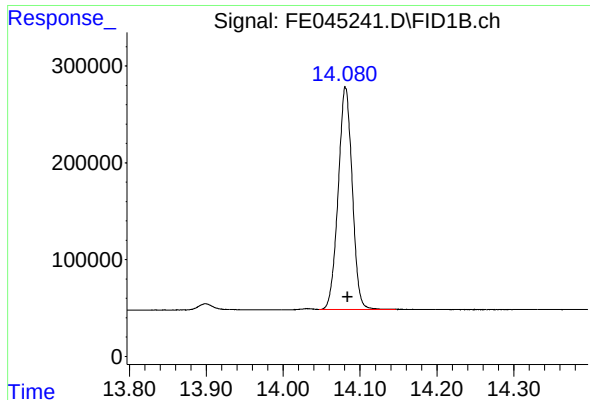
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.003 min
Response: 2956282
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

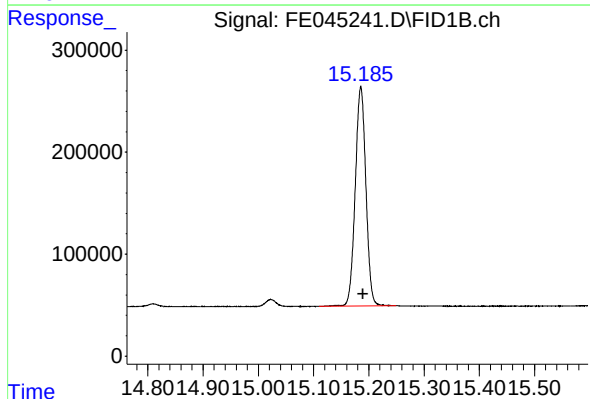
R.T.: 13.325 min
Delta R.T.: -0.003 min
Response: 2647747
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

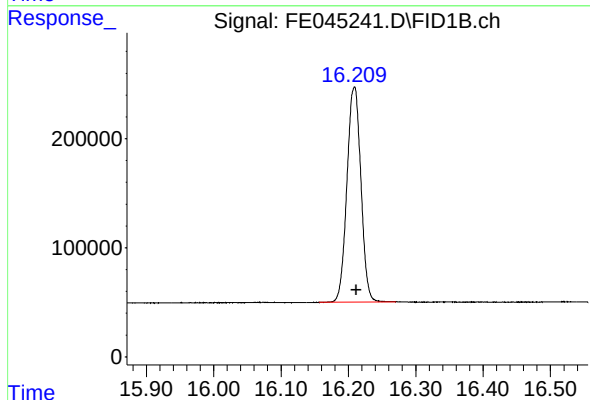
R.T.: 14.081 min
Delta R.T.: -0.003 min
Response: 2912426
Conc: 19.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



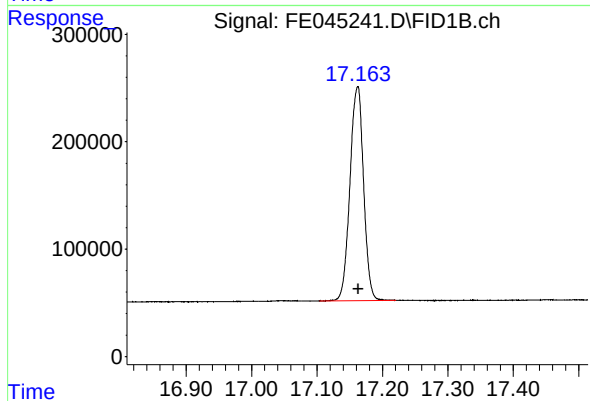
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 2882286
Conc: 19.46 ug/ml



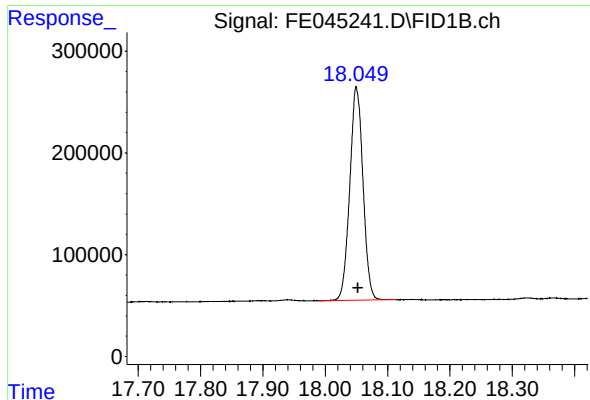
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.003 min
Response: 2841530
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

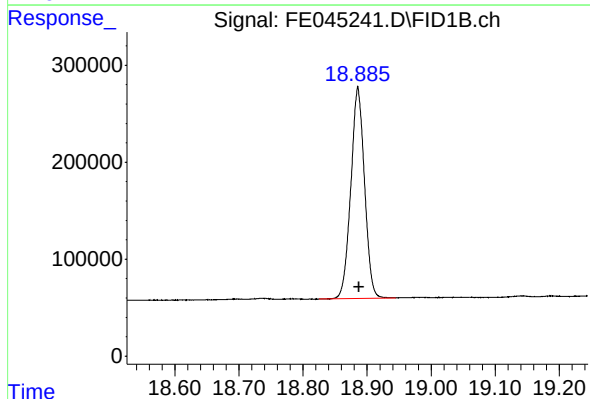
R.T.: 17.162 min
Delta R.T.: -0.001 min
Response: 2887780
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

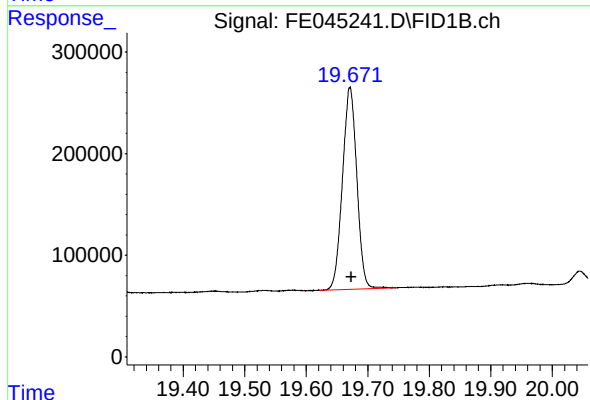
R.T.: 18.050 min
Delta R.T.: -0.003 min
Response: 3091365
Conc: 20.35 ug/ml

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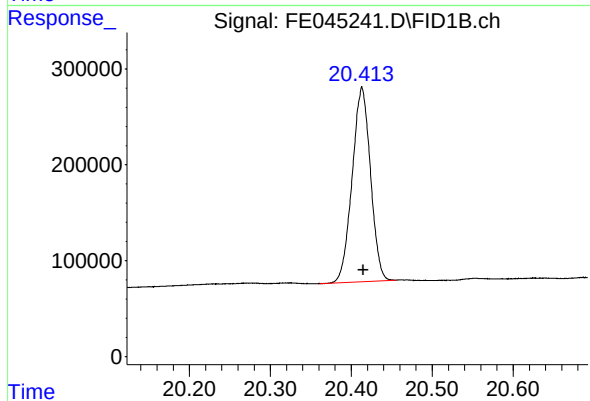
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.002 min
Response: 3229432
Conc: 20.67 ug/ml



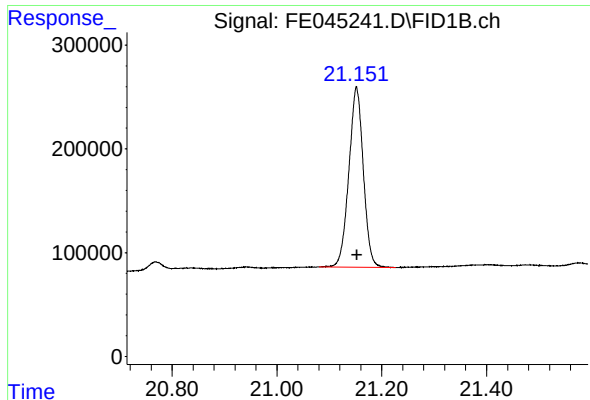
#19 n-Tetatriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.002 min
Response: 3221265
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

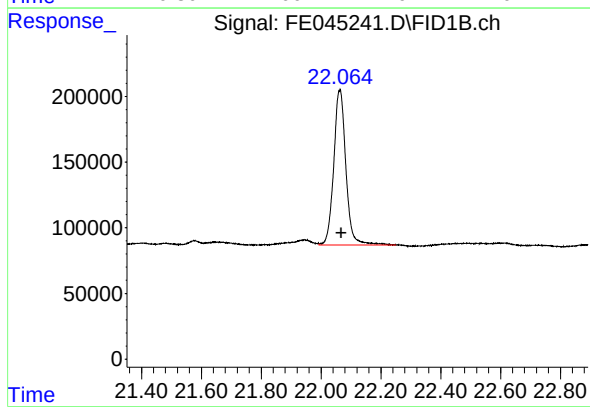
R.T.: 20.413 min
Delta R.T.: -0.002 min
Response: 3182554
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.000 min
Response: 3325636
Conc: 20.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.063 min
Delta R.T.: -0.004 min
Response: 3320500
Conc: 19.44 ug/ml