

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015372.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 19:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 30 02:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.927	2951752	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.366	2226634	18.287 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T n-Nonane (C9)	3.313	2529491	19.482 ug/ml
2) T n-Decane (C10)	4.568	2588912	19.482 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2763571	18.924 ug/ml
4) T n-Dodecane (C12)	6.731	2645561	19.461 ug/ml
5) T A~2-methylnaphthalene...	7.363	2650147	18.564 ug/ml
6) T n-Tetradecane (C14)	8.558	2643740	19.224 ug/ml
7) T n-Hexadecane (C16)	10.165	2731273	18.850 ug/ml
8) T n-Octadecane (C18)	11.609	2793766	18.797 ug/ml
10) T n-Eicosane (C20)	12.920	2685569	18.710 ug/ml
11) T n-Heneicosane (C21)	13.533	2631375	18.610 ug/ml
13) T n-Docosane (C22)	14.120	2602709	18.511 ug/ml
14) T n-Tetracosane (C24)	15.225	2532314	18.194 ug/ml
15) T n-Hexacosane (C26)	16.248	2431227	17.949 ug/ml
16) T n-Octacosane (C28)	17.200	2380100	18.086 ug/ml
17) T n-Tricontane (C30)	18.088	2482000	18.710 ug/ml
18) T n-Dotriacontane (C32)	18.922	2410026	19.108 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2072995	19.039 ug/ml
20) T n-Hexatriacontane (C36)	20.447	1749480	18.739 ug/ml
21) T n-Octatriacontane (C38)	21.187	1621396	18.476 ug/ml
22) T n-Tetracontane (C40)	22.105	1527066	18.016 ug/ml

(f)=RT Delta > 1/2 Window

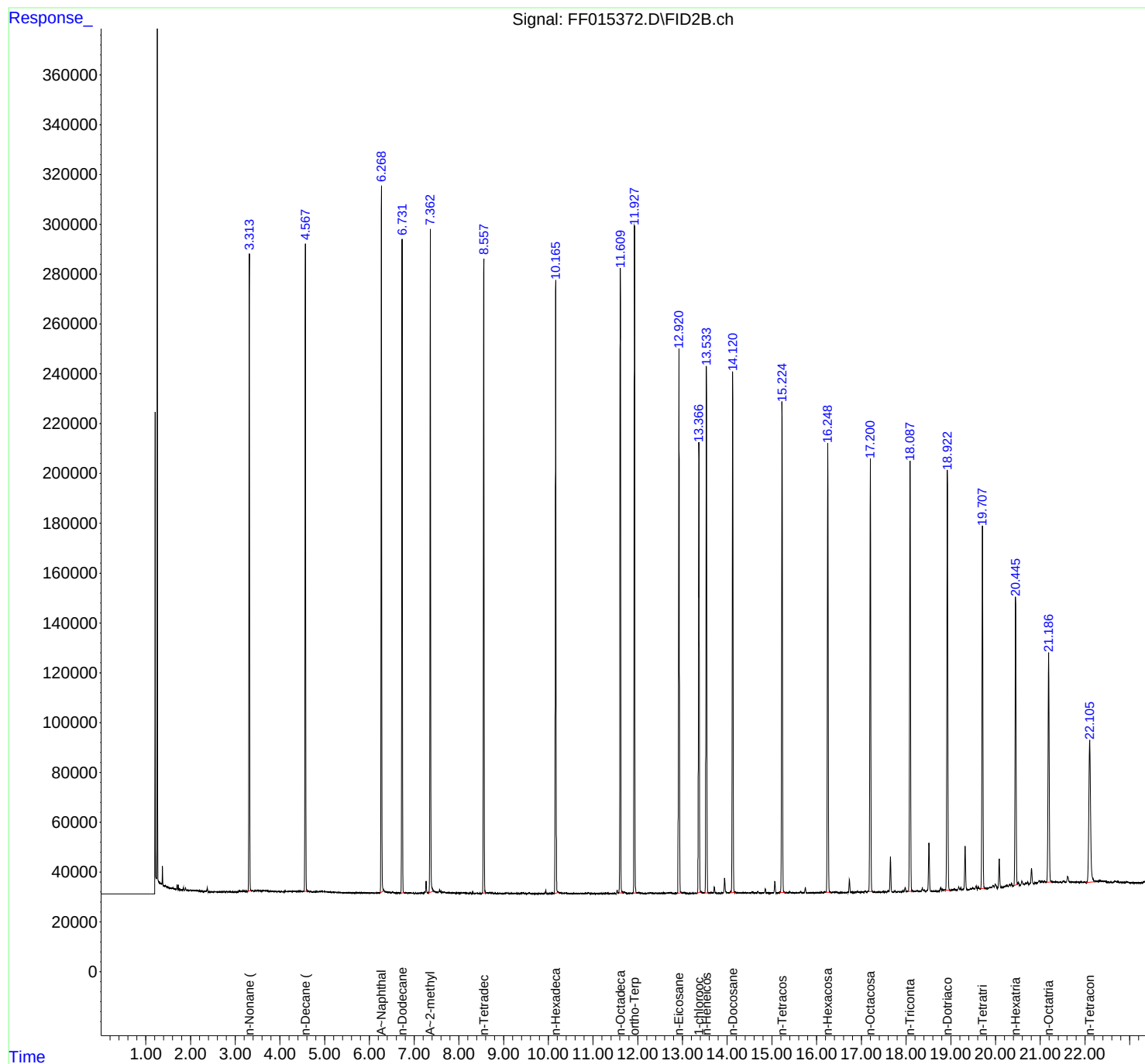
(m)=manual int.

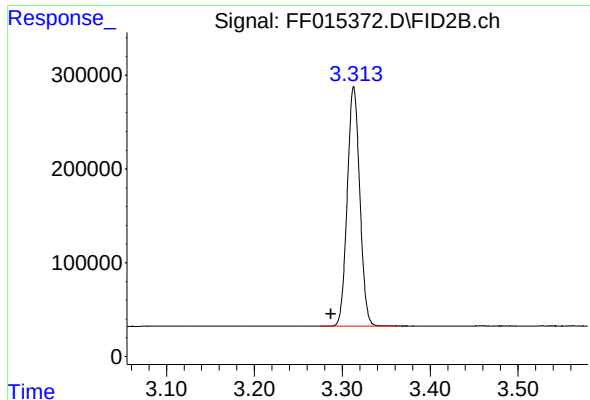
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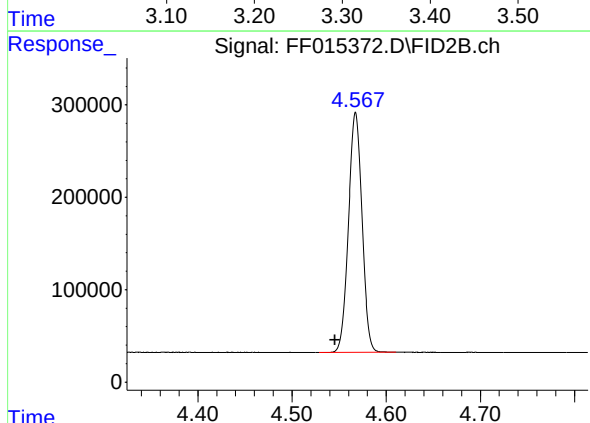




#1 n-Nonane (C9)

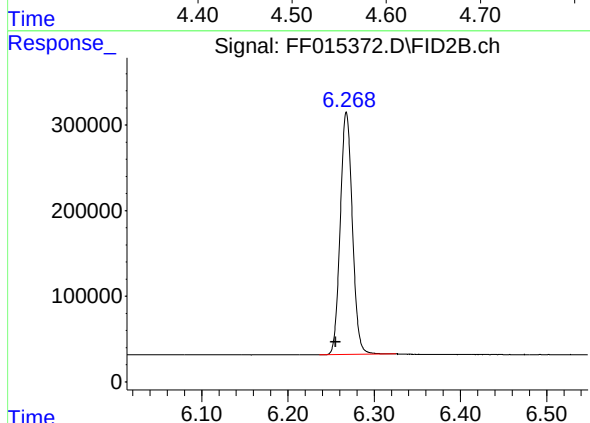
R.T.: 3.313 min
Delta R.T.: 0.026 min
Response: 2529491
Conc: 19.48 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



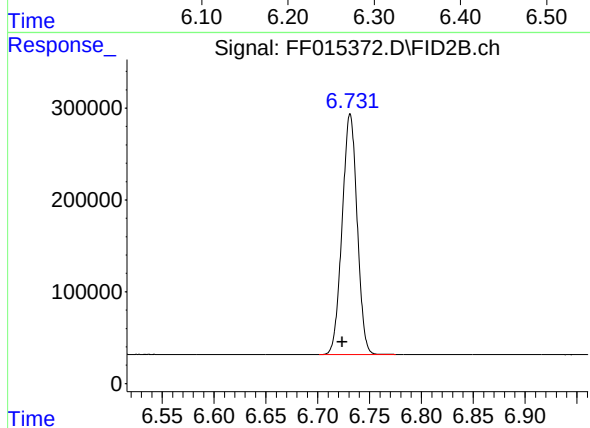
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.022 min
Response: 2588912
Conc: 19.48 ug/ml



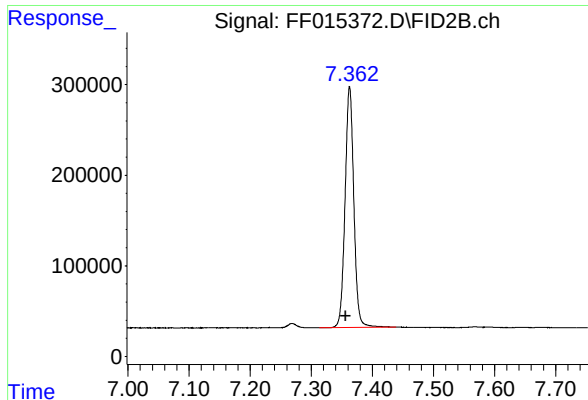
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.012 min
Response: 2763571
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

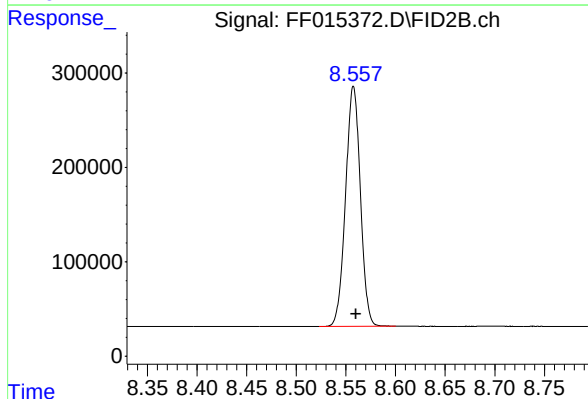
R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 2645561
Conc: 19.46 ug/ml



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

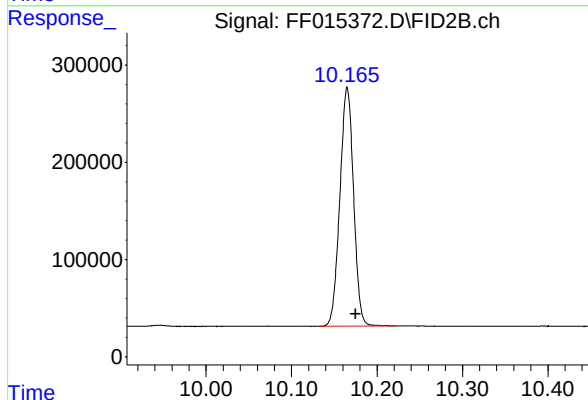
R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 2650147
Conc: 18.56 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



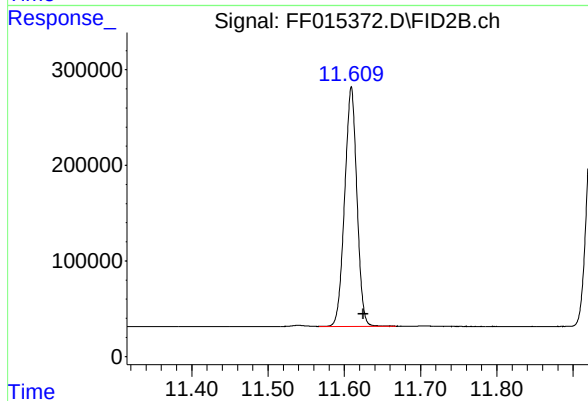
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 2643740
Conc: 19.22 ug/ml



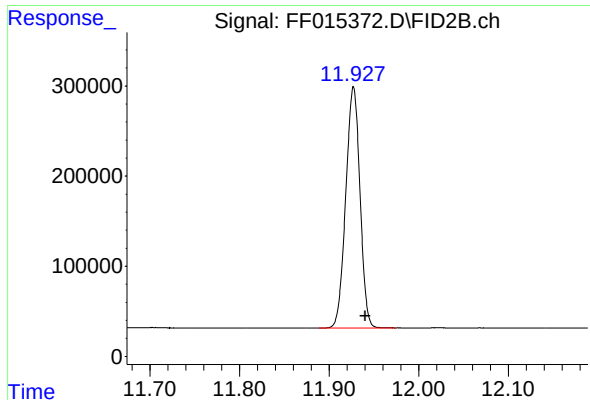
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.010 min
Response: 2731273
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

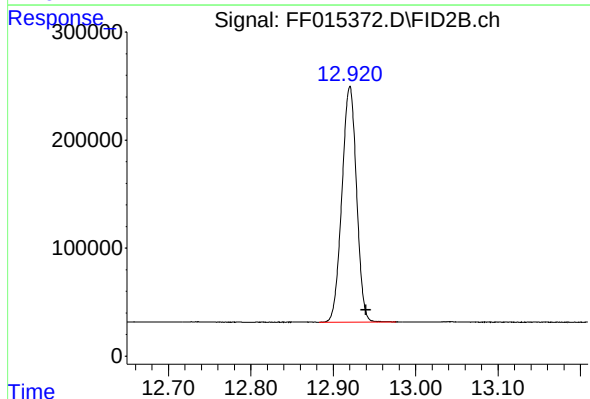
R.T.: 11.609 min
Delta R.T.: -0.015 min
Response: 2793766
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

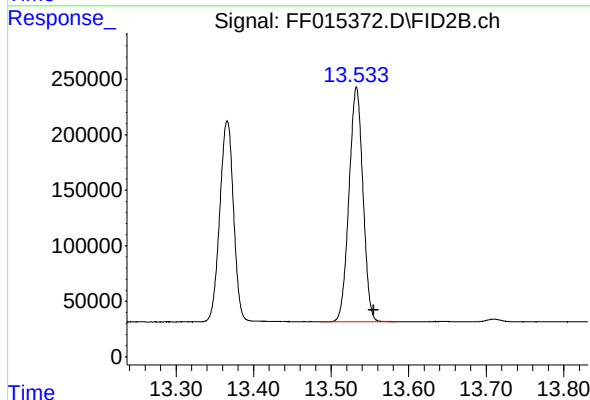
R.T.: 11.927 min
Delta R.T.: -0.013 min
Response: 2951752
Conc: 18.88 ug/ml

Instrument :
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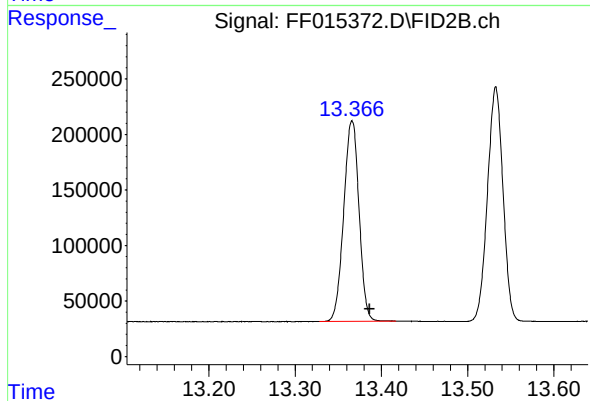
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.020 min
Response: 2685569
Conc: 18.71 ug/ml



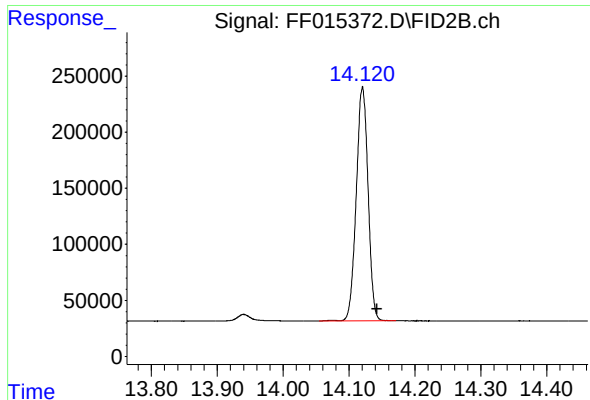
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.022 min
Response: 2631375
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

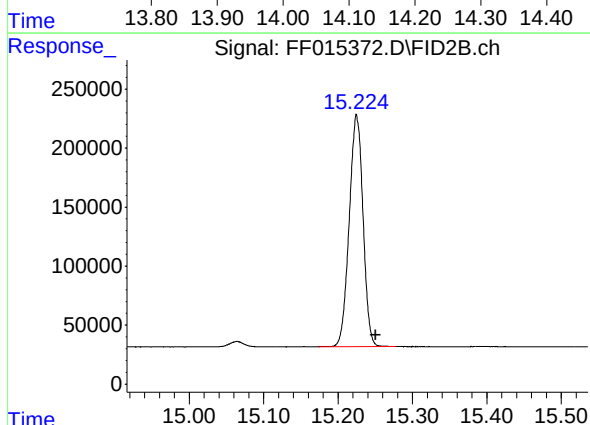
R.T.: 13.366 min
Delta R.T.: -0.020 min
Response: 2226634
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

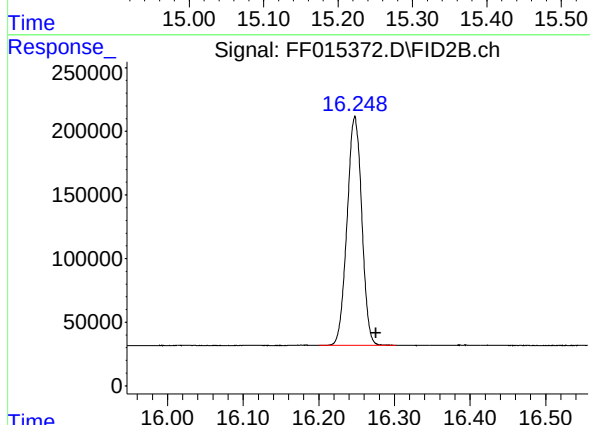
R.T.: 14.120 min
Delta R.T.: -0.022 min
Response: 2602709
Conc: 18.51 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



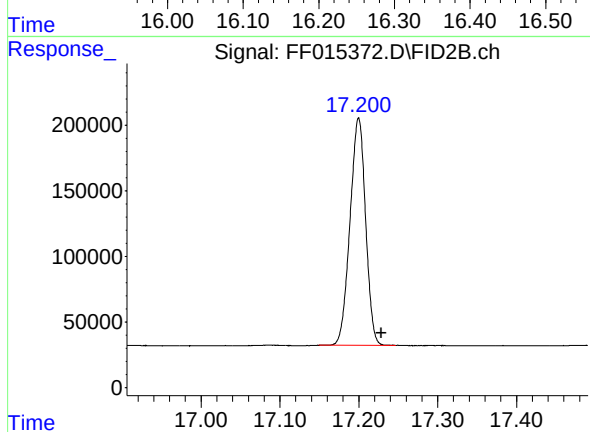
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.026 min
Response: 2532314
Conc: 18.19 ug/ml



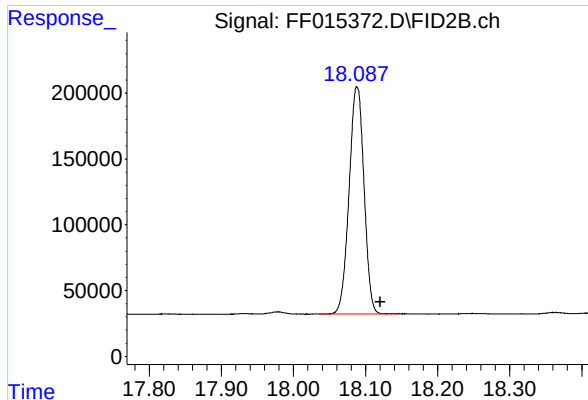
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.028 min
Response: 2431227
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

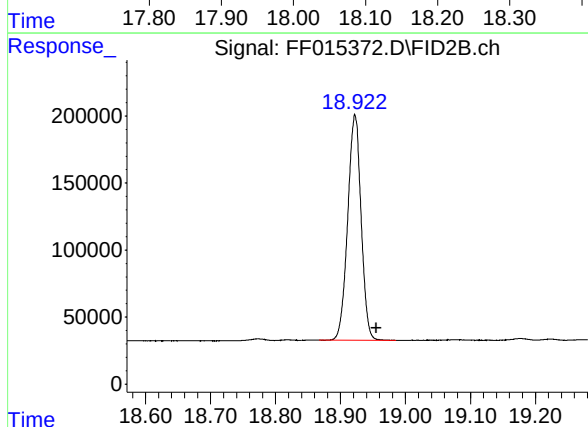
R.T.: 17.200 min
Delta R.T.: -0.029 min
Response: 2380100
Conc: 18.09 ug/ml



#17 n-Tricontane (C30)

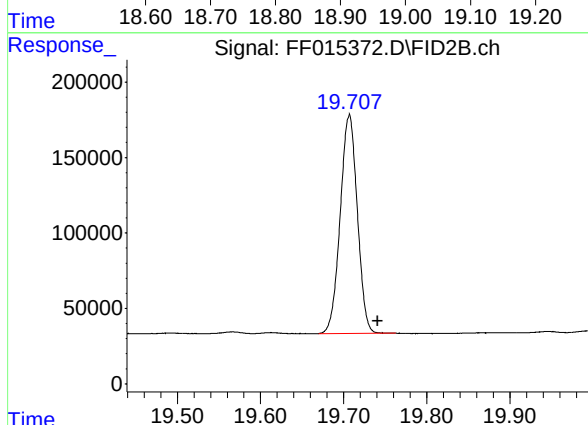
R.T.: 18.088 min
Delta R.T.: -0.032 min
Response: 2482000
Conc: 18.71 ug/ml

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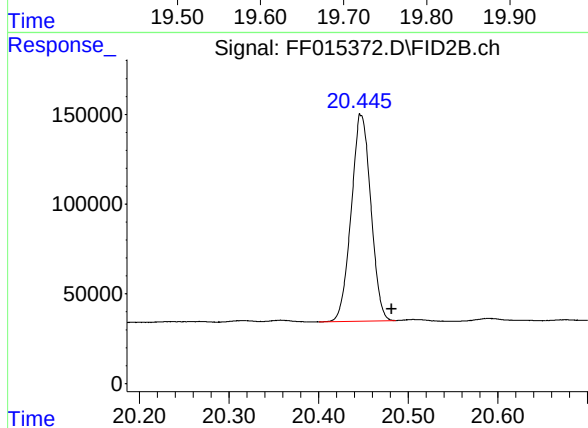
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.033 min
Response: 2410026
Conc: 19.11 ug/ml



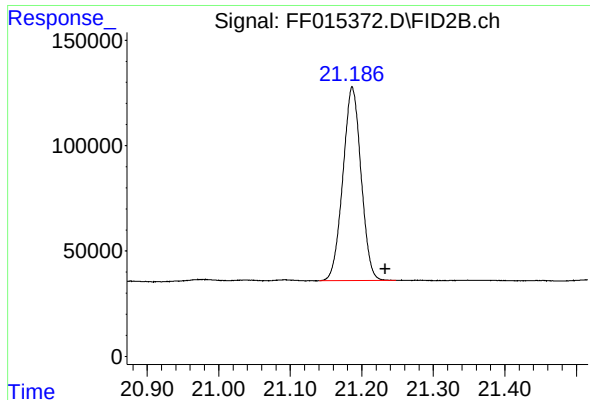
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.034 min
Response: 2072995
Conc: 19.04 ug/ml



#20 n-Hexatriacontane (C36)

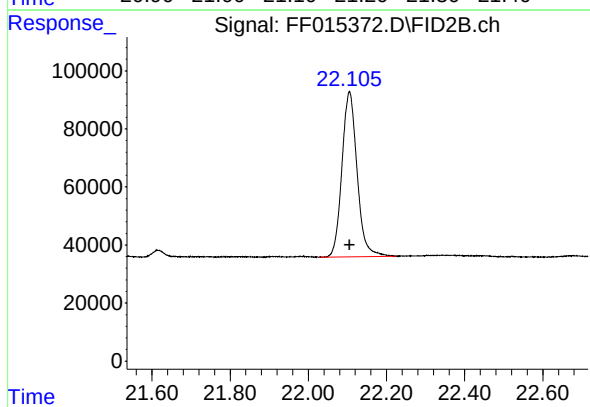
R.T.: 20.447 min
Delta R.T.: -0.034 min
Response: 1749480
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.046 min
Response: 1621396
Conc: 18.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.000 min
Response: 1527066
Conc: 18.02 ug/ml