

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015368.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 17:24
 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 02:24:10 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

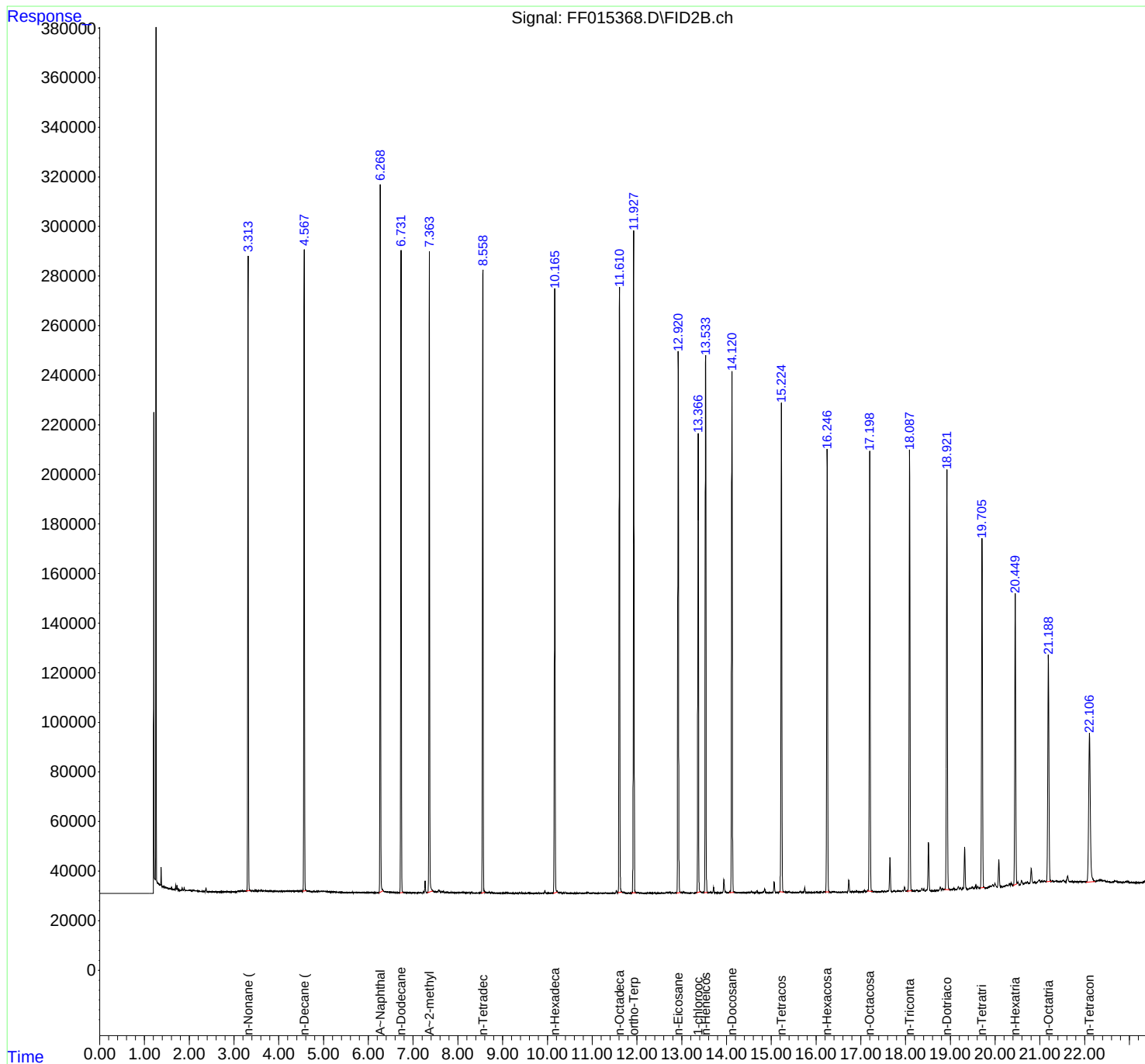
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.927	2946114	18.844 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.366	2231262	18.325 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
Target Compounds			
1) T n-Nonane (C9)	3.314	2521186	19.419 ug/ml
2) T n-Decane (C10)	4.568	2580851	19.421 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2766672	18.945 ug/ml
4) T n-Dodecane (C12)	6.732	2638981	19.413 ug/ml
5) T A~2-methylnaphthalene...	7.363	2644506	18.525 ug/ml
6) T n-Tetradecane (C14)	8.558	2631341	19.134 ug/ml
7) T n-Hexadecane (C16)	10.166	2719729	18.770 ug/ml
8) T n-Octadecane (C18)	11.610	2775874	18.677 ug/ml
10) T n-Eicosane (C20)	12.920	2680195	18.673 ug/ml
11) T n-Heneicosane (C21)	13.533	2626326	18.575 ug/ml
13) T n-Docosane (C22)	14.120	2598037	18.478 ug/ml
14) T n-Tetracosane (C24)	15.224	2531043	18.185 ug/ml
15) T n-Hexacosane (C26)	16.247	2433662	17.967 ug/ml
16) T n-Octacosane (C28)	17.198	2388150	18.147 ug/ml
17) T n-Tricontane (C30)	18.088	2484332	18.727 ug/ml
18) T n-Dotriacontane (C32)	18.922	2411446	19.120 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2072052	19.030 ug/ml
20) T n-Hexatriacontane (C36)	20.448	1755300	18.801 ug/ml
21) T n-Octatriacontane (C38)	21.188	1630656	18.582 ug/ml
22) T n-Tetracontane (C40)	22.107	1547766	18.260 ug/ml

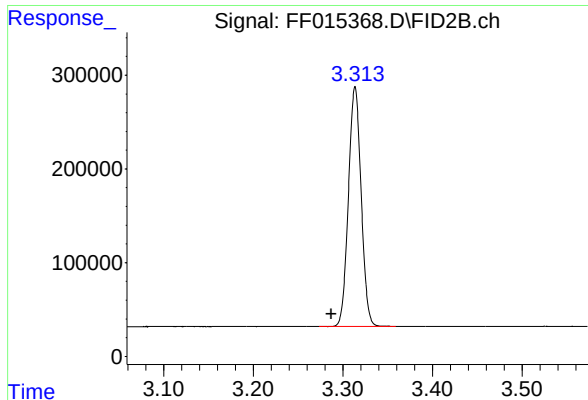
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

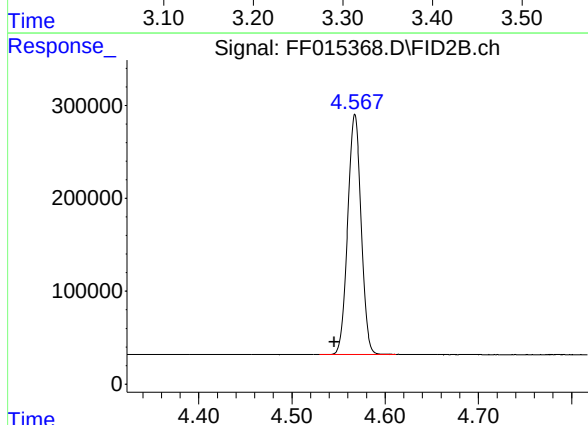




#1 n-Nonane (C9)

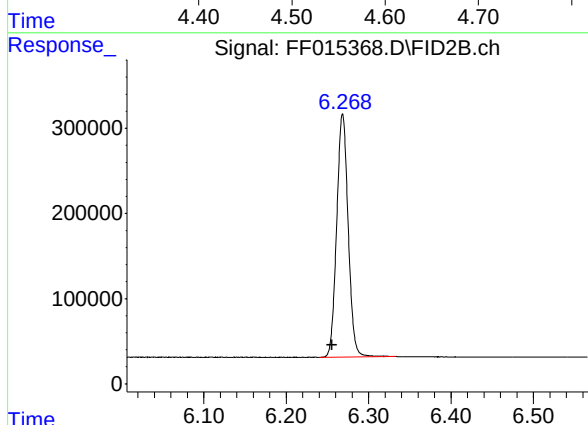
R.T.: 3.314 min
Delta R.T.: 0.027 min
Response: 2521186
Conc: 19.42 ug/ml

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20 PPM ALIPHATIC HC STD



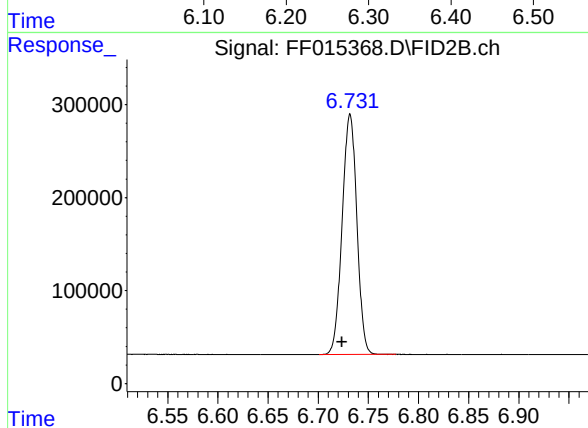
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.022 min
Response: 2580851
Conc: 19.42 ug/ml



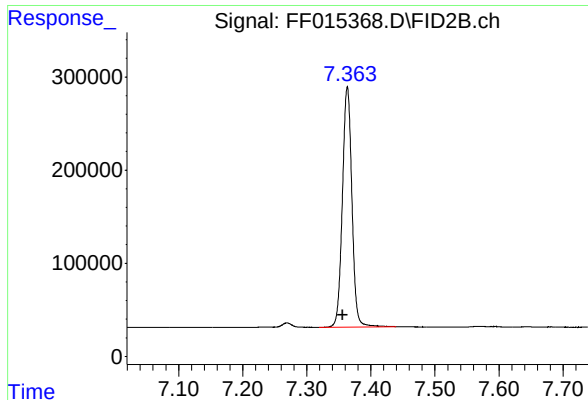
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.013 min
Response: 2766672
Conc: 18.95 ug/ml



#4 n-Dodecane (C12)

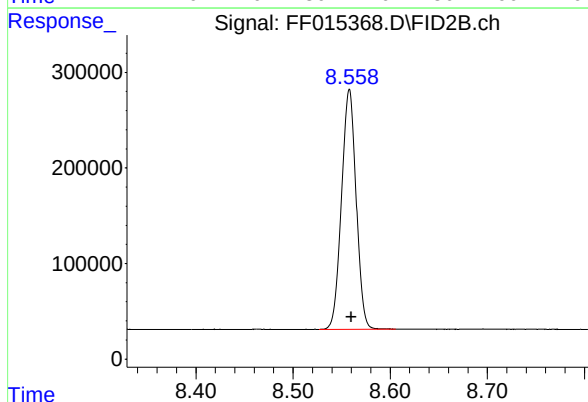
R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 2638981
Conc: 19.41 ug/ml



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

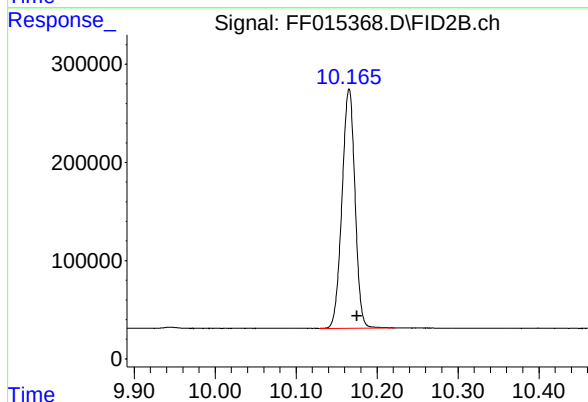
R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 2644506
Conc: 18.52 ug/ml

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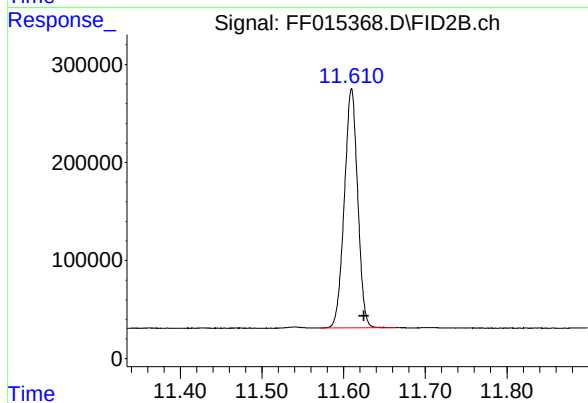
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 2631341
Conc: 19.13 ug/ml



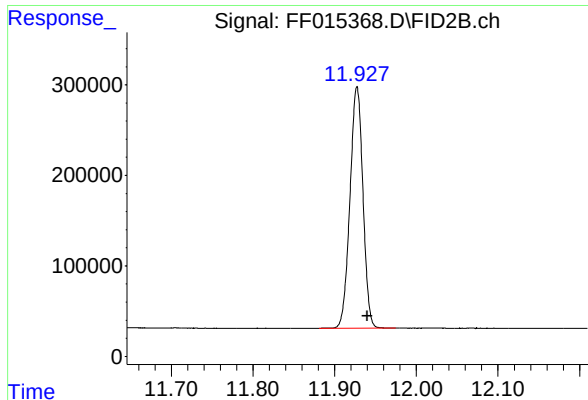
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.009 min
Response: 2719729
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

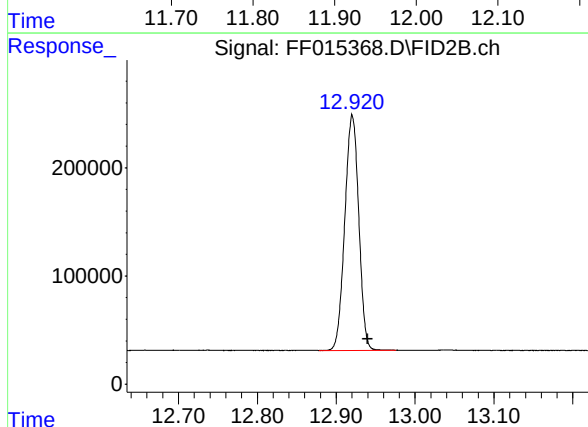
R.T.: 11.610 min
Delta R.T.: -0.015 min
Response: 2775874
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

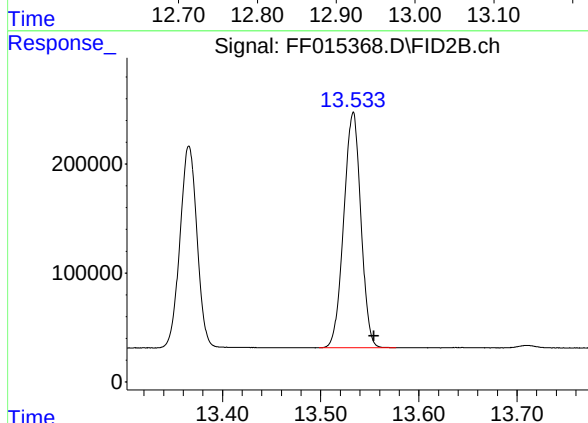
R.T.: 11.927 min
Delta R.T.: -0.013 min
Response: 2946114
Conc: 18.84 ug/ml

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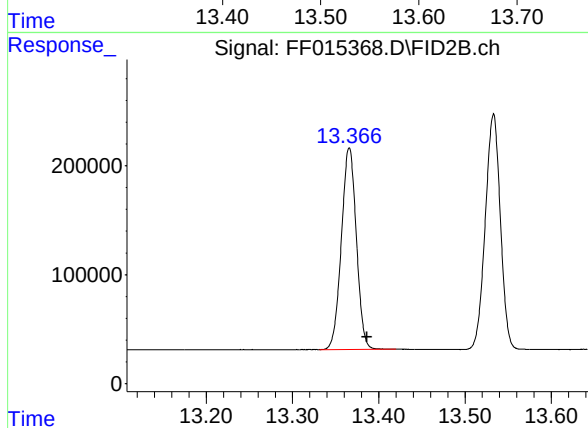
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.020 min
Response: 2680195
Conc: 18.67 ug/ml



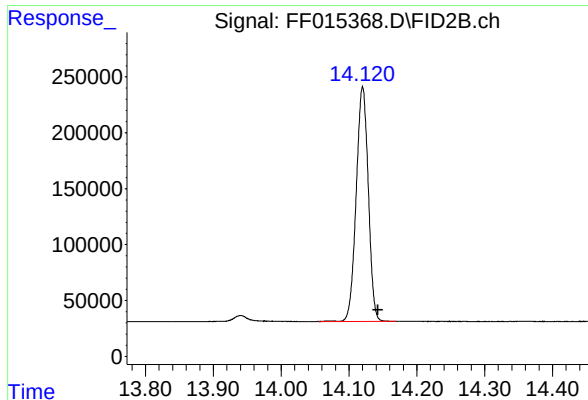
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.021 min
Response: 2626326
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

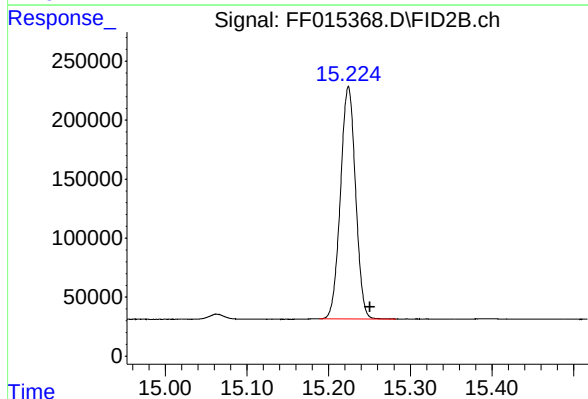
R.T.: 13.366 min
Delta R.T.: -0.021 min
Response: 2231262
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

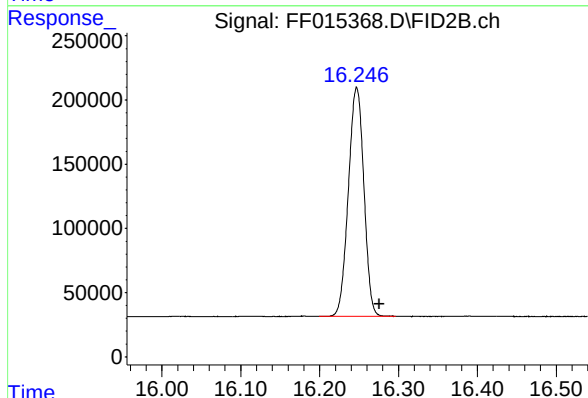
R.T.: 14.120 min
Delta R.T.: -0.023 min
Response: 2598037
Conc: 18.48 ug/ml

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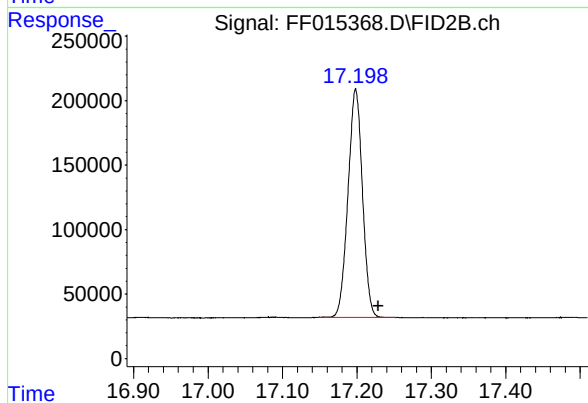
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.026 min
Response: 2531043
Conc: 18.18 ug/ml



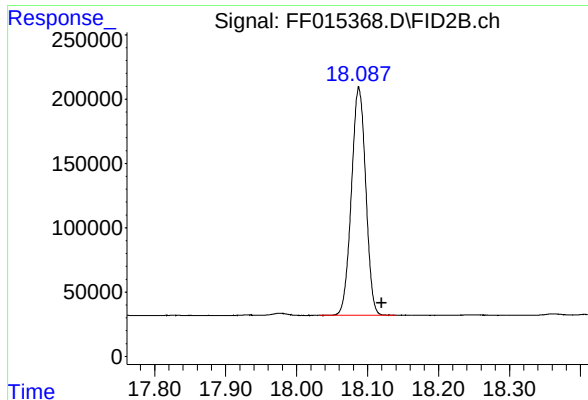
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.029 min
Response: 2433662
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

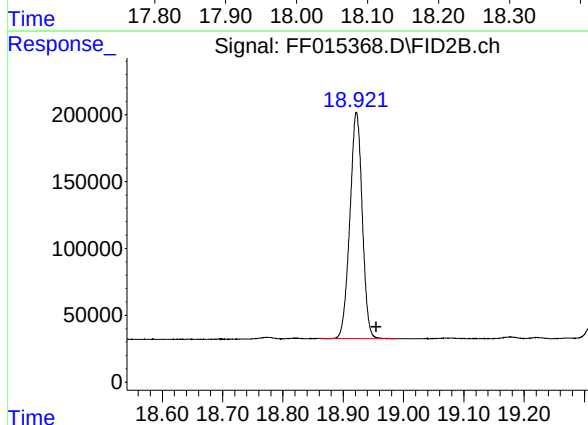
R.T.: 17.198 min
Delta R.T.: -0.030 min
Response: 2388150
Conc: 18.15 ug/ml



#17 n-Tricontane (C30)

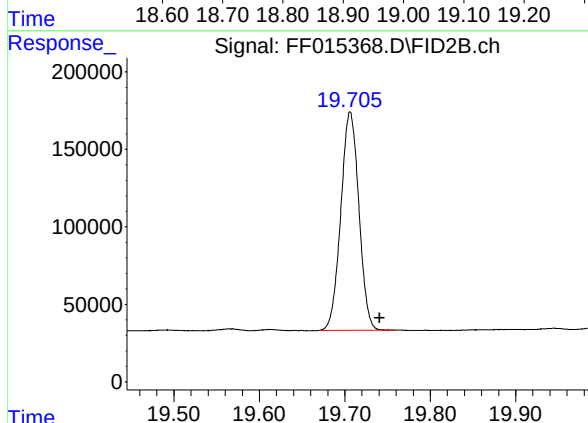
R.T.: 18.088 min
Delta R.T.: -0.033 min
Response: 2484332
Conc: 18.73 ug/ml

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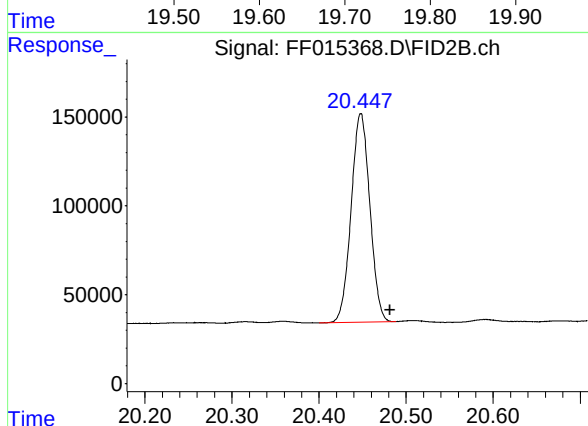
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.033 min
Response: 2411446
Conc: 19.12 ug/ml



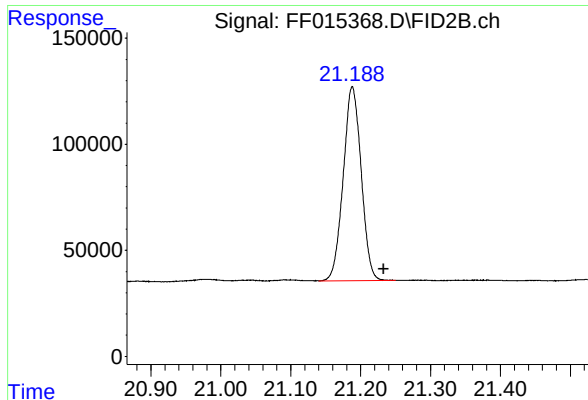
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.035 min
Response: 2072052
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

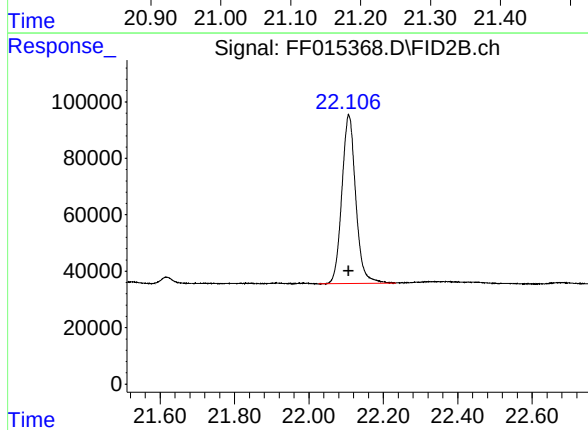
R.T.: 20.448 min
Delta R.T.: -0.034 min
Response: 1755300
Conc: 18.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.045 min
Response: 1630656
Conc: 18.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.000 min
Response: 1547766
Conc: 18.26 ug/ml