

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010623AL\
 Data File : FE039686.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2023 23:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2023
 Supervised By :Ankita Jodhani 01/09/2023

Integration File: autoint1.e
 Quant Time: Jan 09 10:25:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.918	2641742	17.702 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.355	2038188	17.708 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.310	2045867	15.828 ug/ml
2) T n-Decane (C10)	4.562	2067323	16.224 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2369490	16.391 ug/ml
4) T n-Dodecane (C12)	6.728	2113869	16.282 ug/ml
5) T A~2-methylnaphthalene...	7.360	2237966	16.525 ug/ml
6) T n-Tetradecane (C14)	8.553	2198144	16.588 ug/ml
7) T n-Hexadecane (C16)	10.160	2332463	16.954 ug/ml
8) T n-Octadecane (C18)	11.602	2437053	17.400 ug/ml
10) T n-Eicosane (C20)	12.910	2443671	17.901 ug/ml
11) T n-Heneicosane (C21)	13.521	2425595	17.784 ug/mlm
13) T n-Docosane (C22)	14.108	2568030	18.984 ug/ml
14) T n-Tetracosane (C24)	15.210	2797813	20.842 ug/ml
15) T n-Hexacosane (C26)	16.231	2932752	22.523 ug/ml
16) T n-Octacosane (C28)	17.182	3084726	23.968 ug/ml
17) T n-Tricontane (C30)	18.069	3204185	24.887 ug/mlm
18) T n-Dotriacontane (C32)	18.901	3107786	23.998 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2704741	21.439 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2375613	19.647 ug/mlm
21) T n-Octatriacontane (C38)	21.158	2242906	18.162 ug/ml
22) T n-Tetracontane (C40)	22.063	2273072	18.100 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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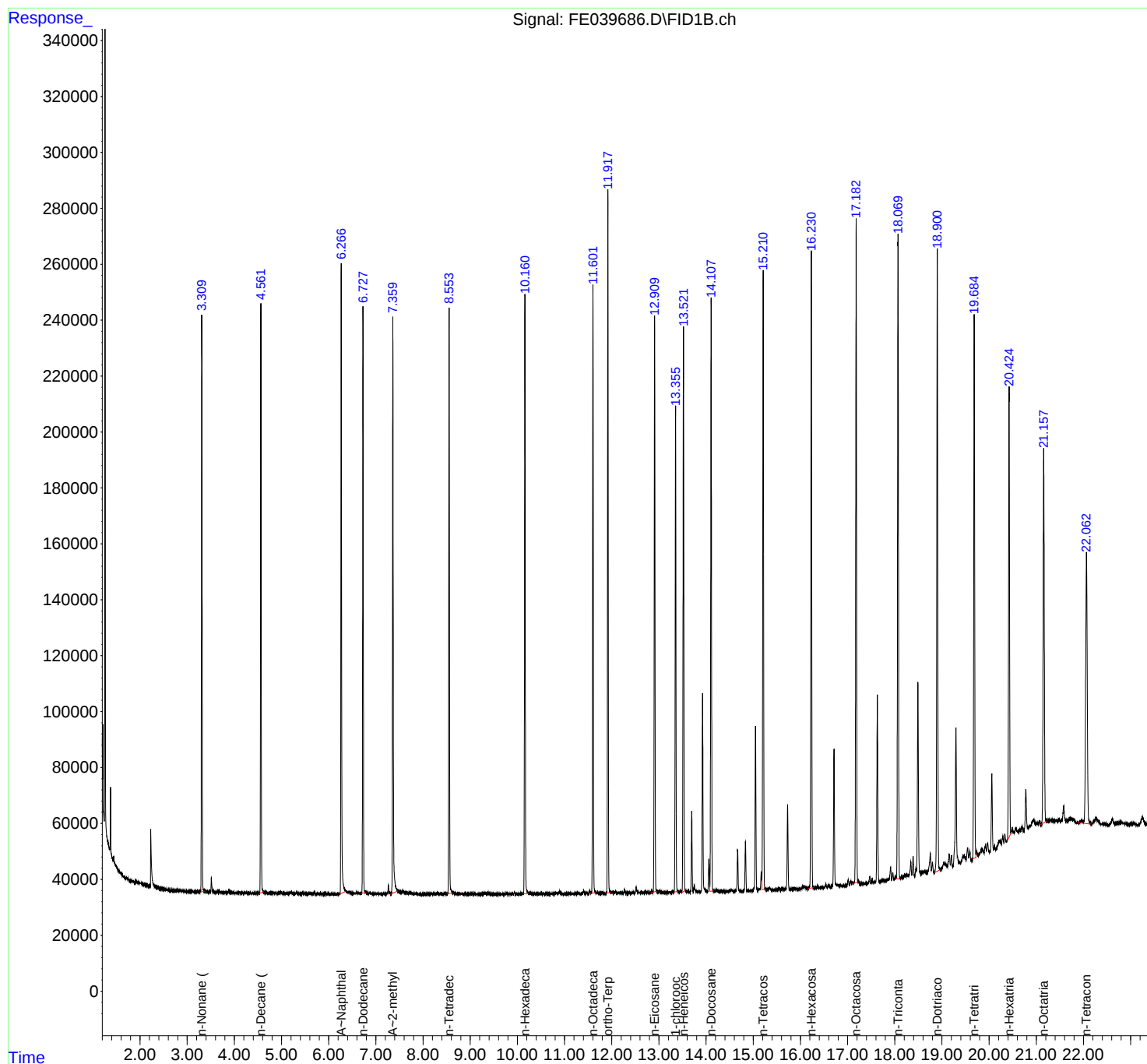
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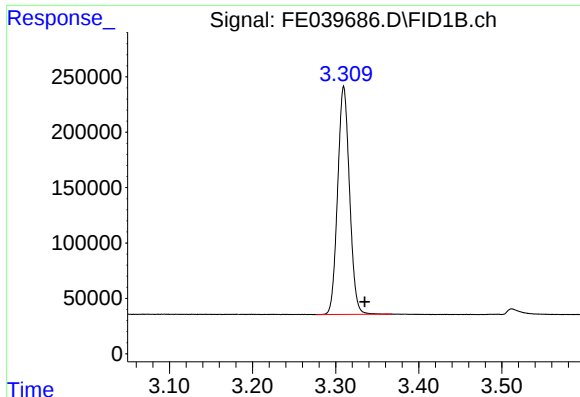
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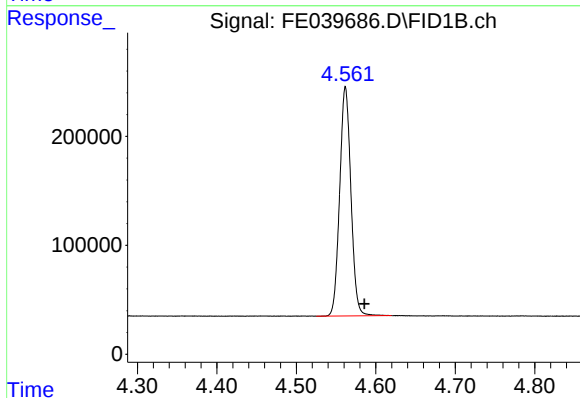
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.025 min
Response: 2045867
Conc: 15.83 ug/ml

Instrument :
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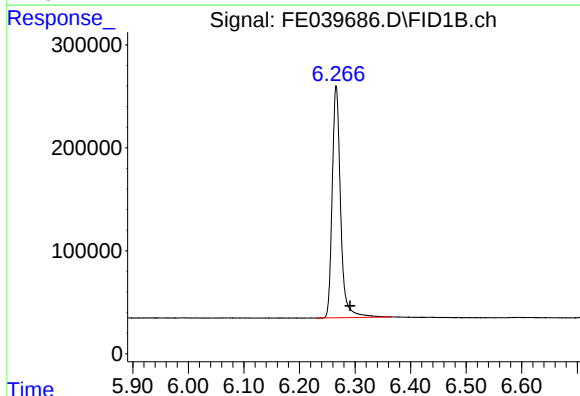
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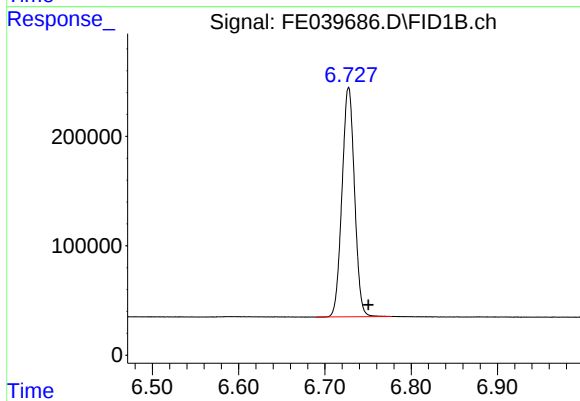
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.024 min
Response: 2067323
Conc: 16.22 ug/ml



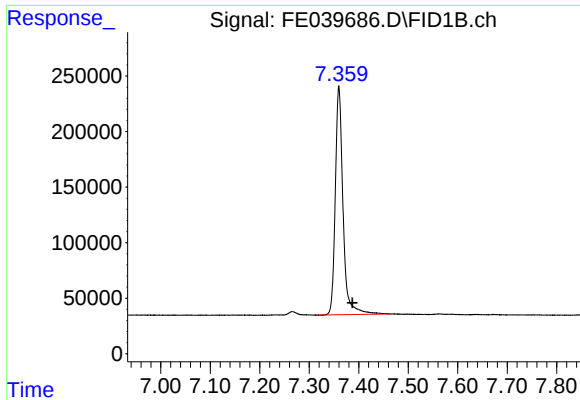
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.025 min
Response: 2369490
Conc: 16.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: -0.023 min
Response: 2113869
Conc: 16.28 ug/ml



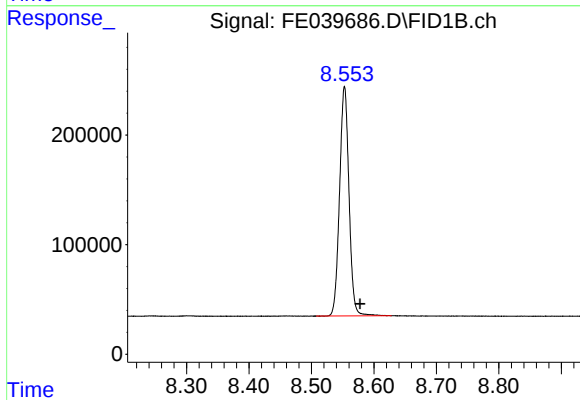
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: -0.027 min
Response: 2237966
Conc: 16.52 ug/ml

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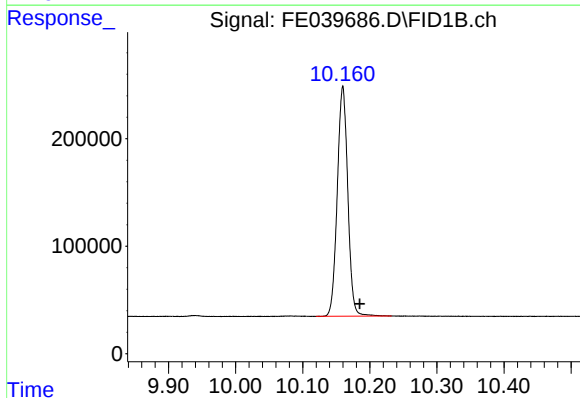
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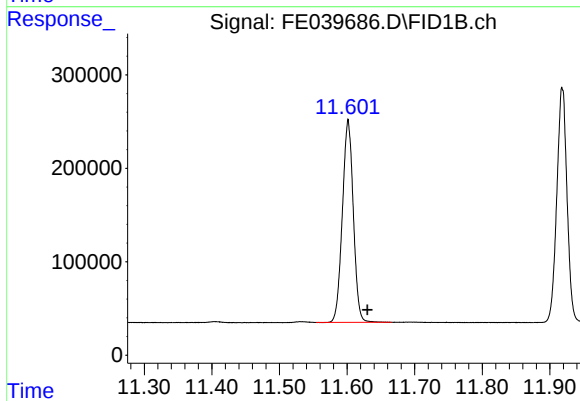
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.025 min
Response: 2198144
Conc: 16.59 ug/ml



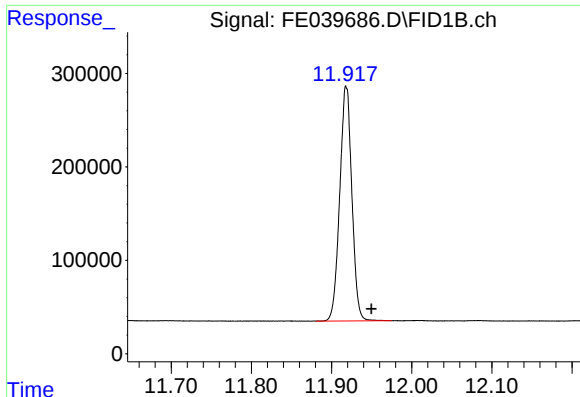
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.025 min
Response: 2332463
Conc: 16.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.029 min
Response: 2437053
Conc: 17.40 ug/ml



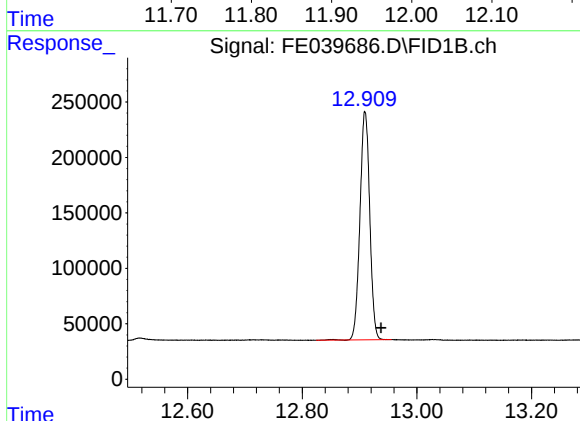
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: -0.031 min
Response: 2641742
Conc: 17.70 ug/ml

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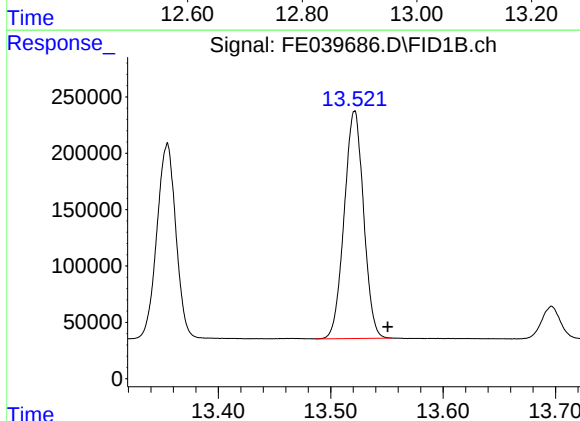
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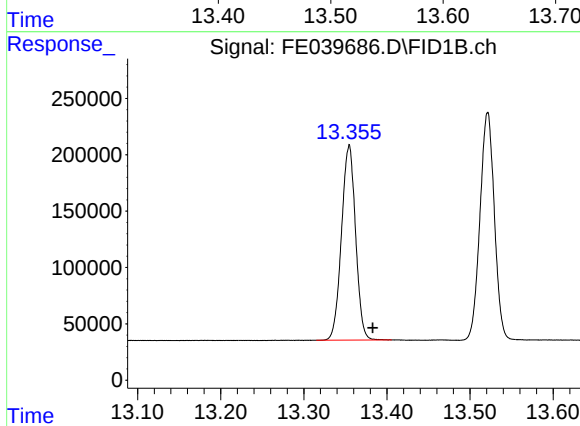
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.028 min
Response: 2443671
Conc: 17.90 ug/ml



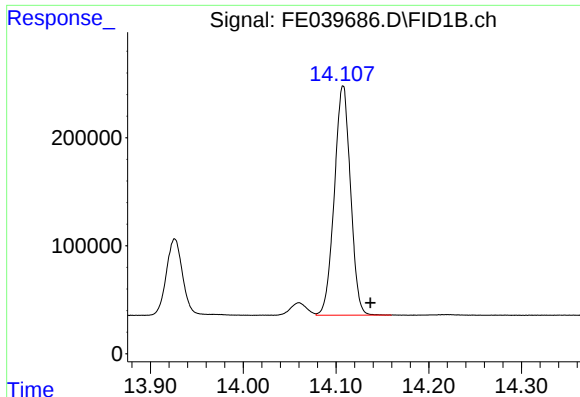
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.029 min
Response: 2425595
Conc: 17.78 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: -0.028 min
Response: 2038188
Conc: 17.71 ug/ml



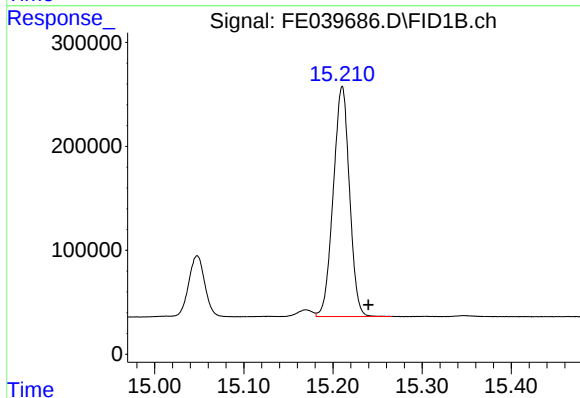
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: -0.029 min
Response: 2568030
Conc: 18.98 ug/ml

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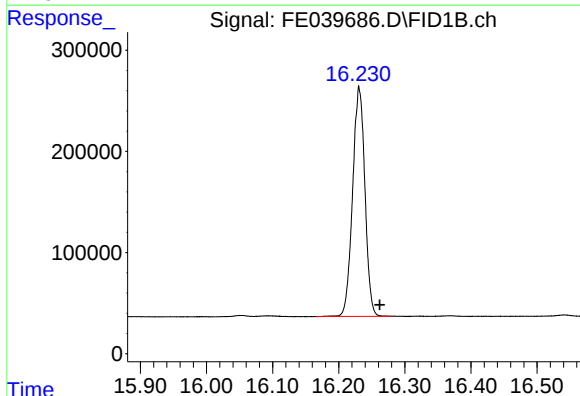
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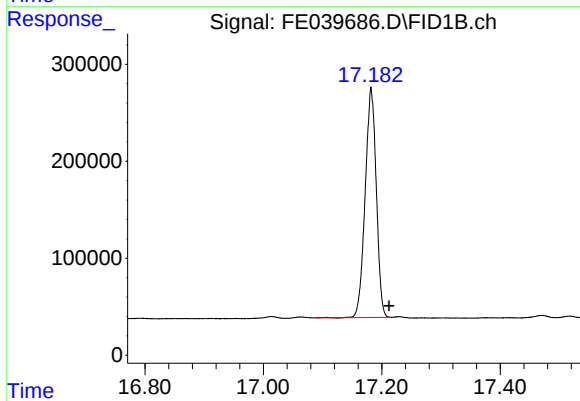
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.029 min
Response: 2797813
Conc: 20.84 ug/ml



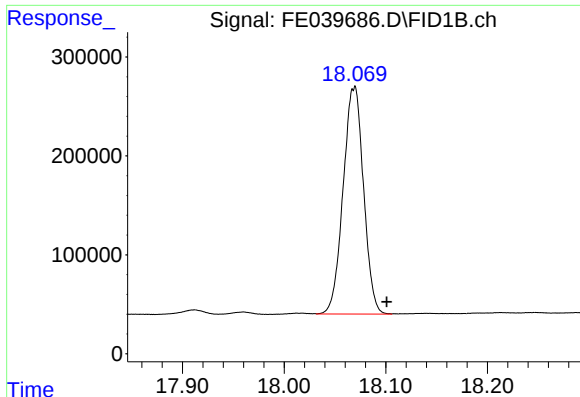
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.031 min
Response: 2932752
Conc: 22.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.030 min
Response: 3084726
Conc: 23.97 ug/ml



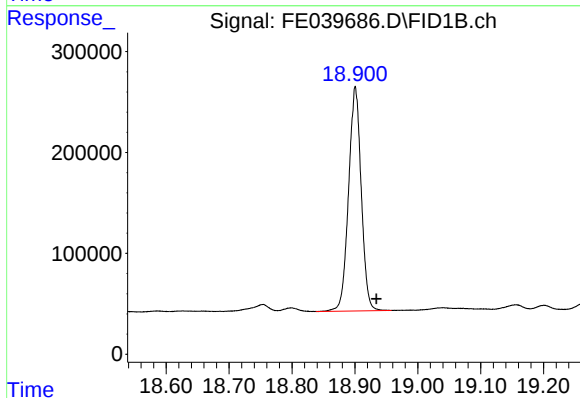
#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: -0.031 min
Response: 3204185
Conc: 24.89 ug/ml

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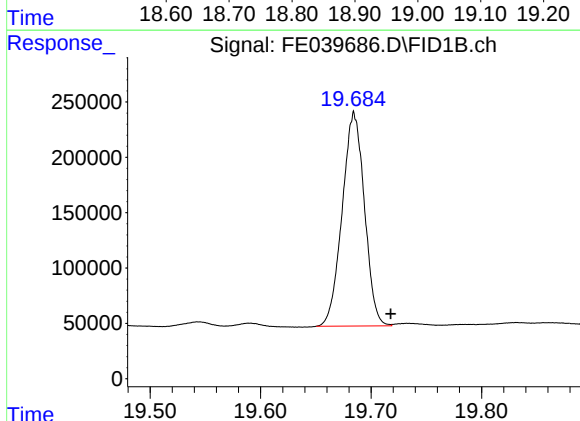
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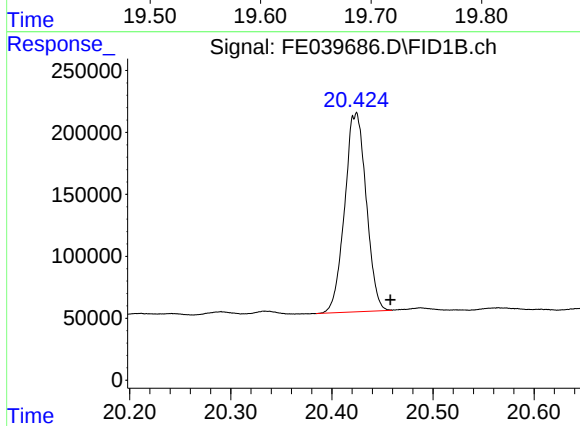
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.033 min
Response: 3107786
Conc: 24.00 ug/ml



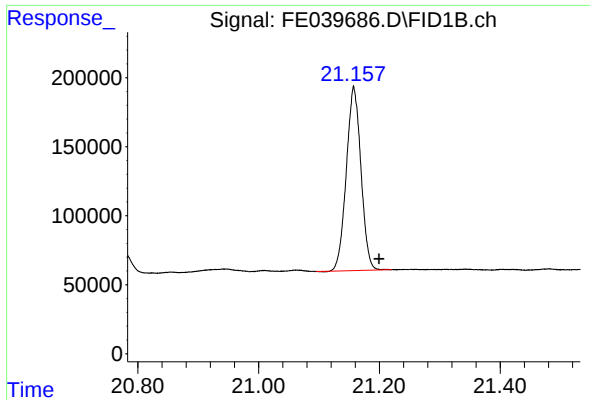
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.033 min
Response: 2704741
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: -0.034 min
Response: 2375613
Conc: 19.65 ug/ml m



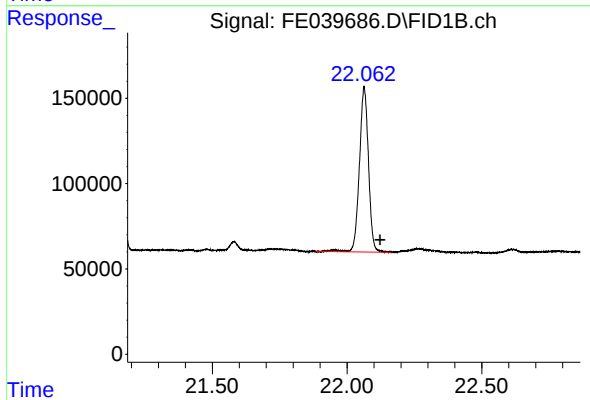
#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.042 min
Response: 2242906
Conc: 18.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.063 min
Delta R.T.: -0.060 min
Response: 2273072
Conc: 18.10 ug/ml