

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010623AL\
 Data File : FE039669.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2023 11:27
 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 02:38:06 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)	11.920	2650306	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	13.357	2047394	17.788 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.303	2051627	15.872 ug/ml
2) T n-Decane (C10)	4.557	2083538	16.352 ug/ml
3) T A~Naphthalene (C11.7)	6.263	2391418	16.543 ug/ml
4) T n-Dodecane (C12)	6.725	2128842	16.398 ug/ml
5) T A~2-methylnaphthalene...	7.359	2250052	16.614 ug/ml
6) T n-Tetradecane (C14)	8.552	2203045	16.625 ug/ml
7) T n-Hexadecane (C16)	10.159	2335799	16.979 ug/ml
8) T n-Octadecane (C18)	11.602	2447695	17.476 ug/ml
10) T n-Eicosane (C20)	12.911	2460596	18.025 ug/ml
11) T n-Heneicosane (C21)	13.523	2444727	17.924 ug/mlm
13) T n-Docosane (C22)	14.111	2581267	19.082 ug/ml
14) T n-Tetracosane (C24)	15.213	2808734	20.923 ug/ml
15) T n-Hexacosane (C26)	16.234	2946796	22.631 ug/ml
16) T n-Octacosane (C28)	17.184	3092972	24.032 ug/ml
17) T n-Tricontane (C30)	18.071	3197856	24.838 ug/mlm
18) T n-Dotriacontane (C32)	18.904	3104207	23.971 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2686246	21.292 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2364564	19.555 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2278857	18.453 ug/ml
22) T n-Tetracontane (C40)	22.074	2235883	17.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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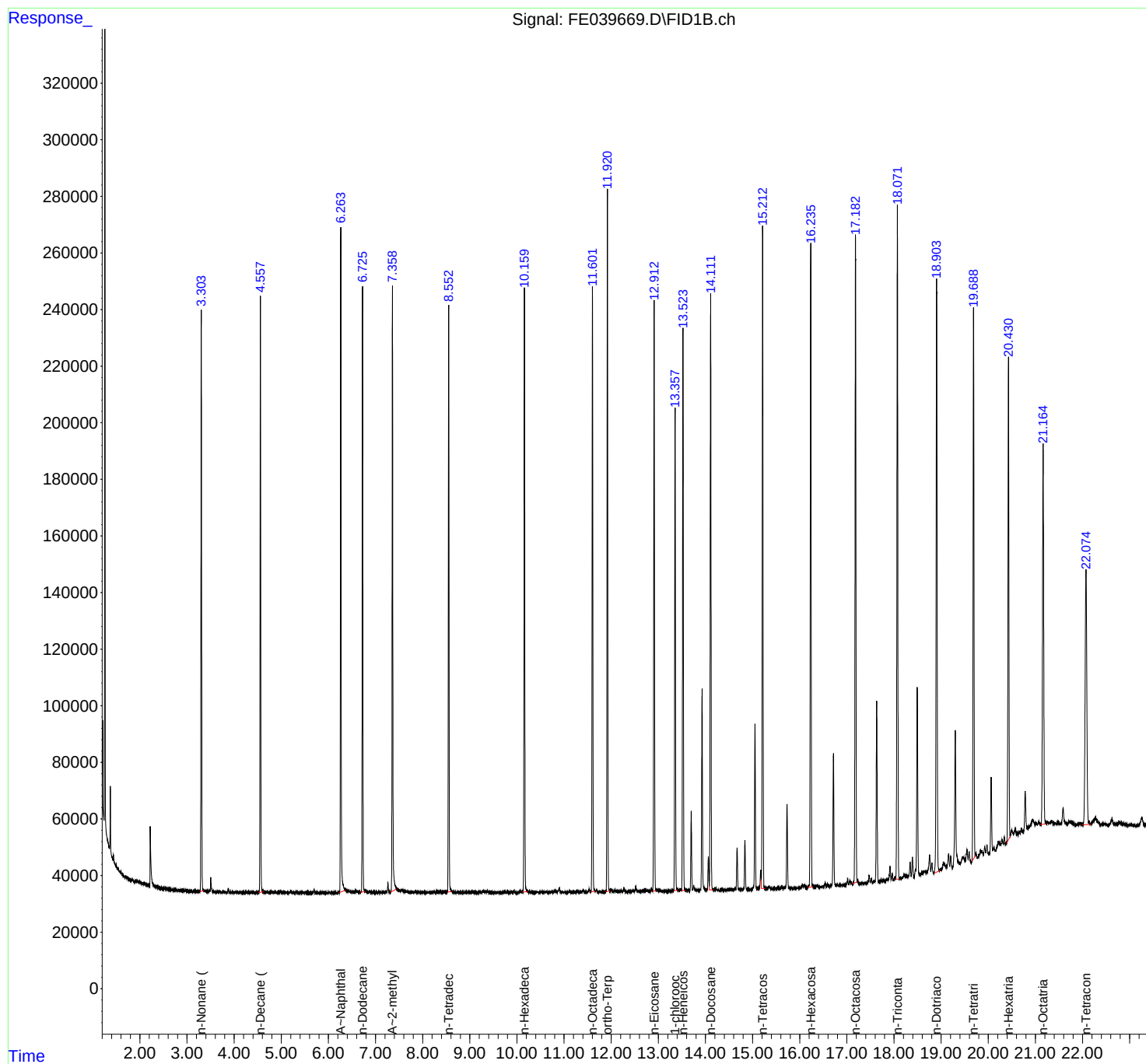
Instrument :
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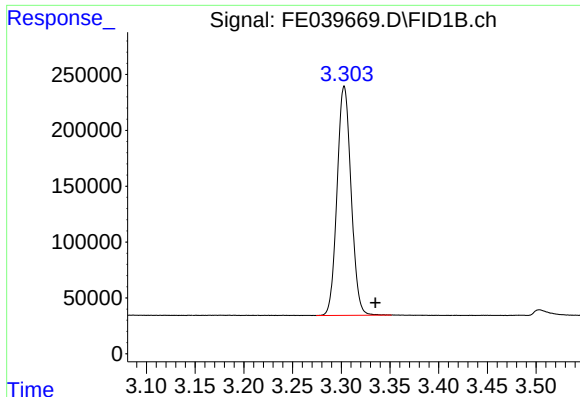
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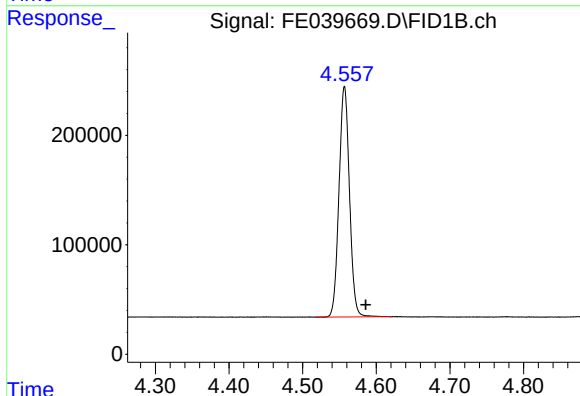
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.032 min
Response: 2051627
Conc: 15.87 ug/ml

Instrument :
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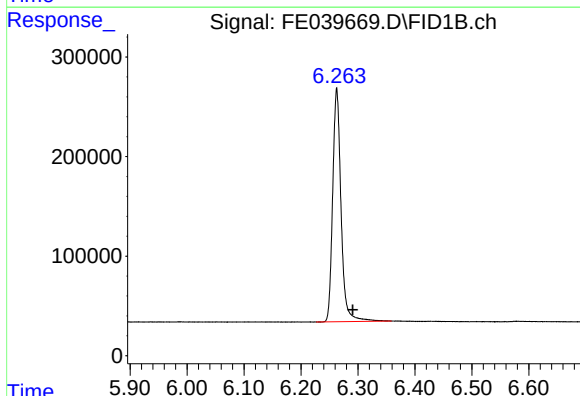
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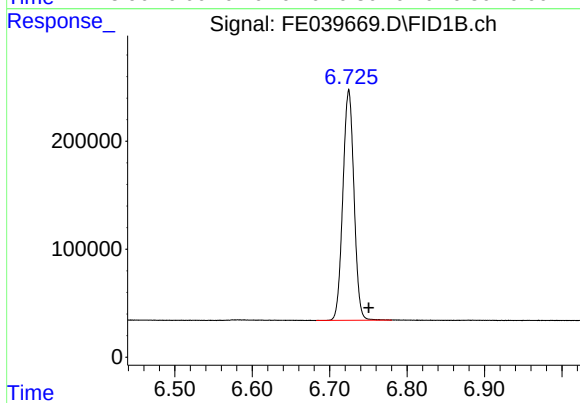
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.029 min
Response: 2083538
Conc: 16.35 ug/ml



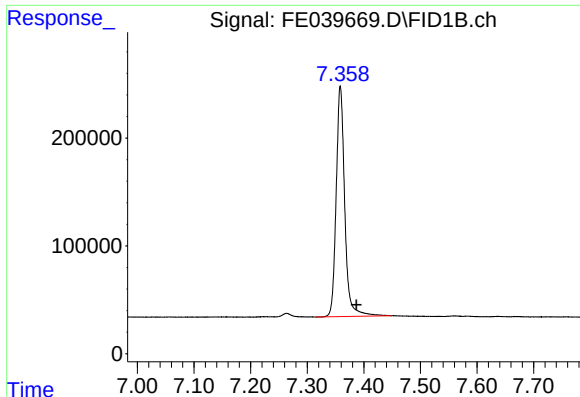
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.028 min
Response: 2391418
Conc: 16.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: -0.026 min
Response: 2128842
Conc: 16.40 ug/ml



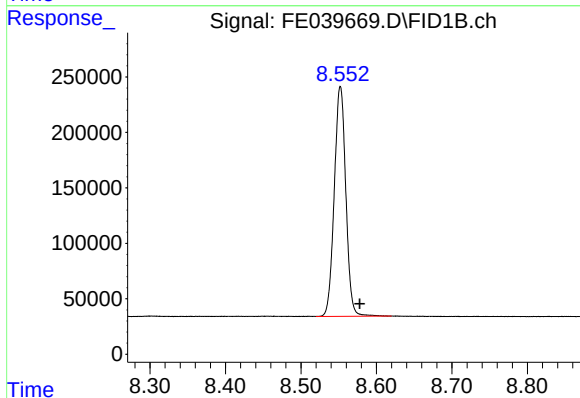
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: -0.028 min
Response: 2250052
Conc: 16.61 ug/ml

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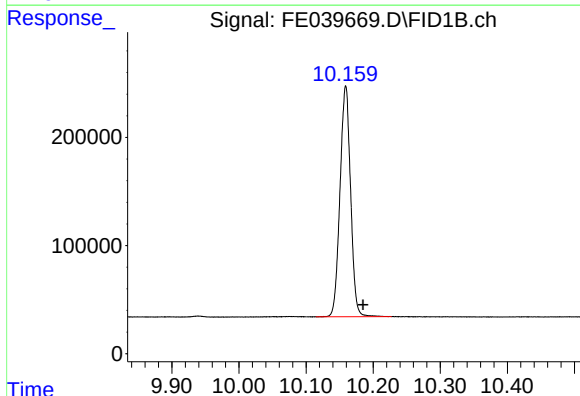
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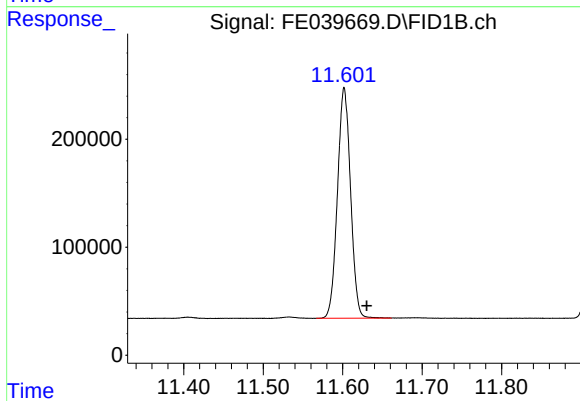
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.026 min
Response: 2203045
Conc: 16.63 ug/ml



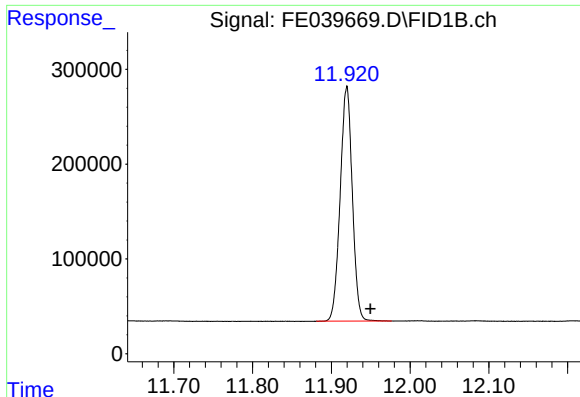
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.026 min
Response: 2335799
Conc: 16.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.028 min
Response: 2447695
Conc: 17.48 ug/ml



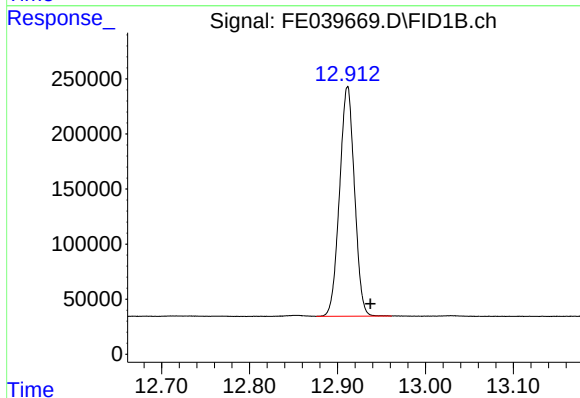
#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: -0.030 min
Response: 2650306
Conc: 17.76 ug/ml

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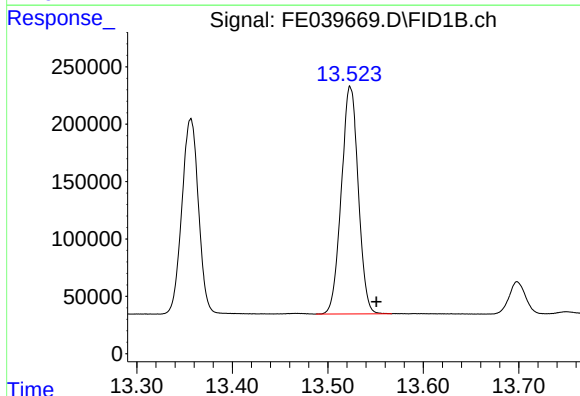
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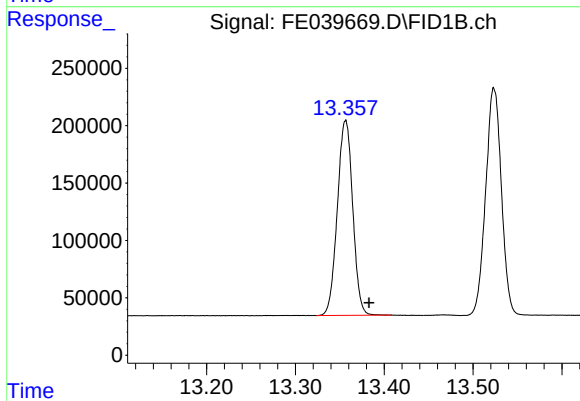
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.026 min
Response: 2460596
Conc: 18.03 ug/ml



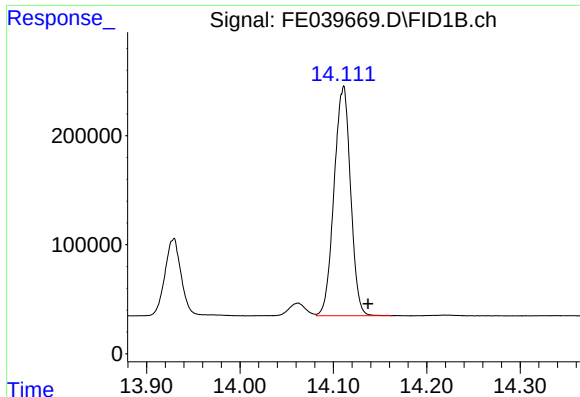
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.028 min
Response: 2444727
Conc: 17.92 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.026 min
Response: 2047394
Conc: 17.79 ug/ml



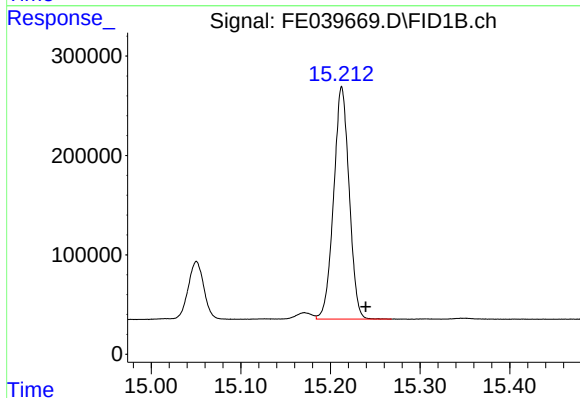
#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.026 min
Response: 2581267
Conc: 19.08 ug/ml

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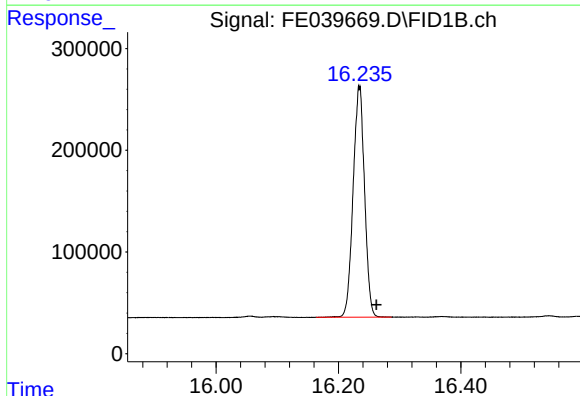
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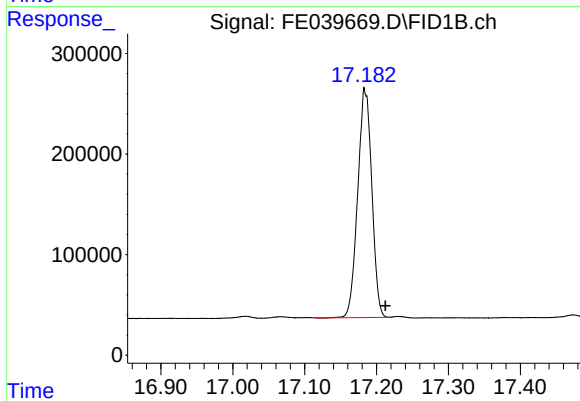
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.027 min
Response: 2808734
Conc: 20.92 ug/ml



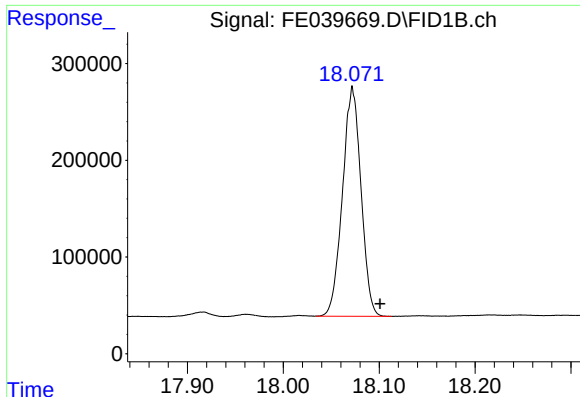
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.028 min
Response: 2946796
Conc: 22.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.029 min
Response: 3092972
Conc: 24.03 ug/ml



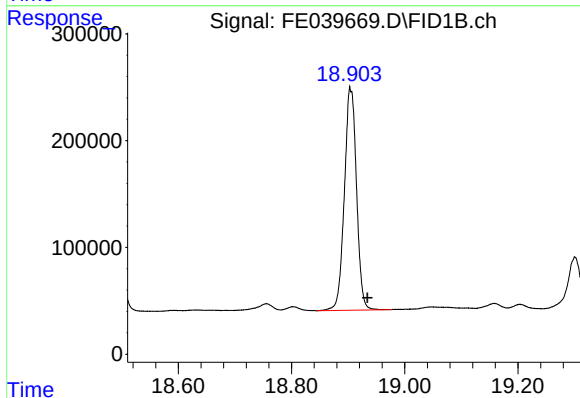
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.029 min
Response: 3197856
Conc: 24.84 ug/ml

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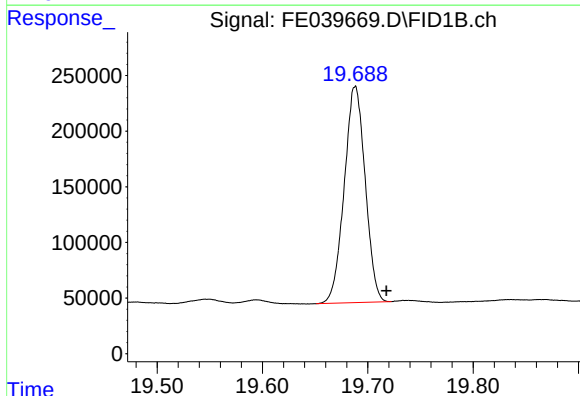
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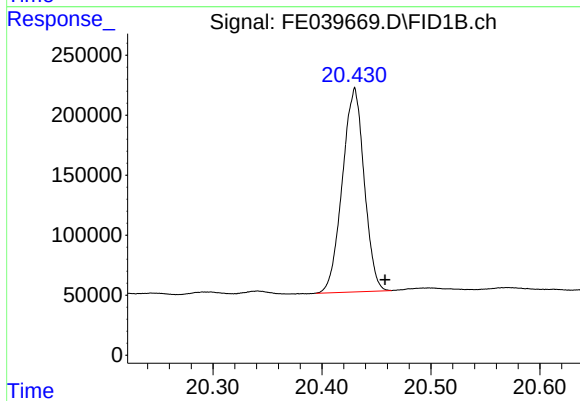
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.030 min
Response: 3104207
Conc: 23.97 ug/ml



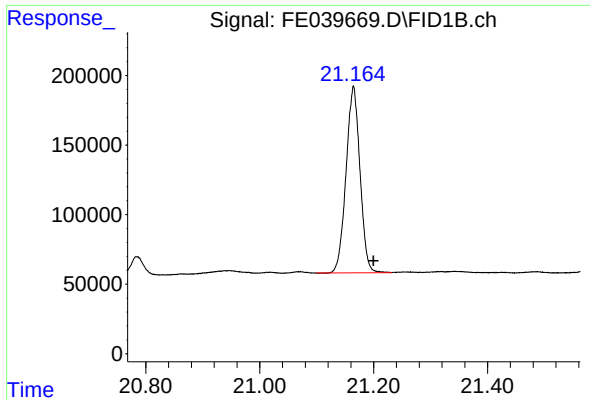
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.030 min
Response: 2686246
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.028 min
Response: 2364564
Conc: 19.56 ug/ml m



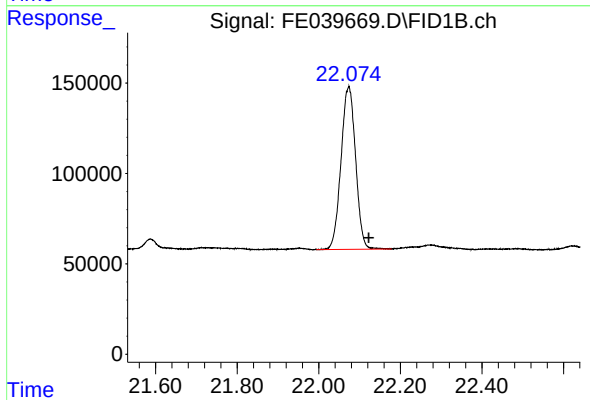
#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.035 min
Response: 2278857
Conc: 18.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.049 min
Response: 2235883
Conc: 17.80 ug/ml