

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071224AL\
 Data File : FE049098.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2024 14:29
 Operator : YP\AJ
 Sample : PB162030BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162030BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/15/2024

Integration File: sample.E
 Quant Time: Jul 13 00:23:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.919	6287079	37.600 ug/ml
Spiked Amount 50.000		Recovery =	75.20%
12) S 1-chlorooctadecane (S...	13.354	5362804	41.705 ug/ml
Spiked Amount 50.000		Recovery =	83.41%
Target Compounds			
1) T n-Nonane (C9)	3.315	4865817	32.365 ug/ml
2) T n-Decane (C10)	4.560	5108367	33.195 ug/ml
3) T A~Naphthalene (C11.7)	6.263	5647647	35.575 ug/ml
4) T n-Dodecane (C12)	6.722	5046049	32.687 ug/ml
5) T A~2-methylnaphthalene...	7.358	5638090	37.231 ug/ml
6) T n-Tetradecane (C14)	8.551	5414448	35.328 ug/ml
7) T n-Hexadecane (C16)	10.156	5607127	35.861 ug/ml
8) T n-Octadecane (C18)	11.600	5625218	35.271 ug/ml
10) T n-Eicosane (C20)	12.909	5628431	36.304 ug/ml
11) T n-Heneicosane (C21)	13.521	5431016	35.668 ug/ml
13) T n-Docosane (C22)	14.106	5396289	35.682 ug/ml
14) T n-Tetracosane (C24)	15.201	10231111	68.080 ug/ml
15) T n-Hexacosane (C26)	16.230	5367723	36.359 ug/ml
16) T n-Octacosane (C28)	17.176	5519595	38.273 ug/ml
17) T n-Tricontane (C30)	18.065	5440097	37.185 ug/ml
18) T n-Dotriacontane (C32)	18.897	5635905	39.418 ug/ml
19) T n-Tetratriacontane (C34)	19.678	5471354	39.541 ug/ml
20) T n-Hexatriacontane (C36)	20.416	5336936	41.064 ug/mlm
21) T n-Octatriacontane (C38)	21.151	5401137	42.132 ug/mlm
22) T n-Tetracontane (C40)	22.058	5147808	42.037 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB162030BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

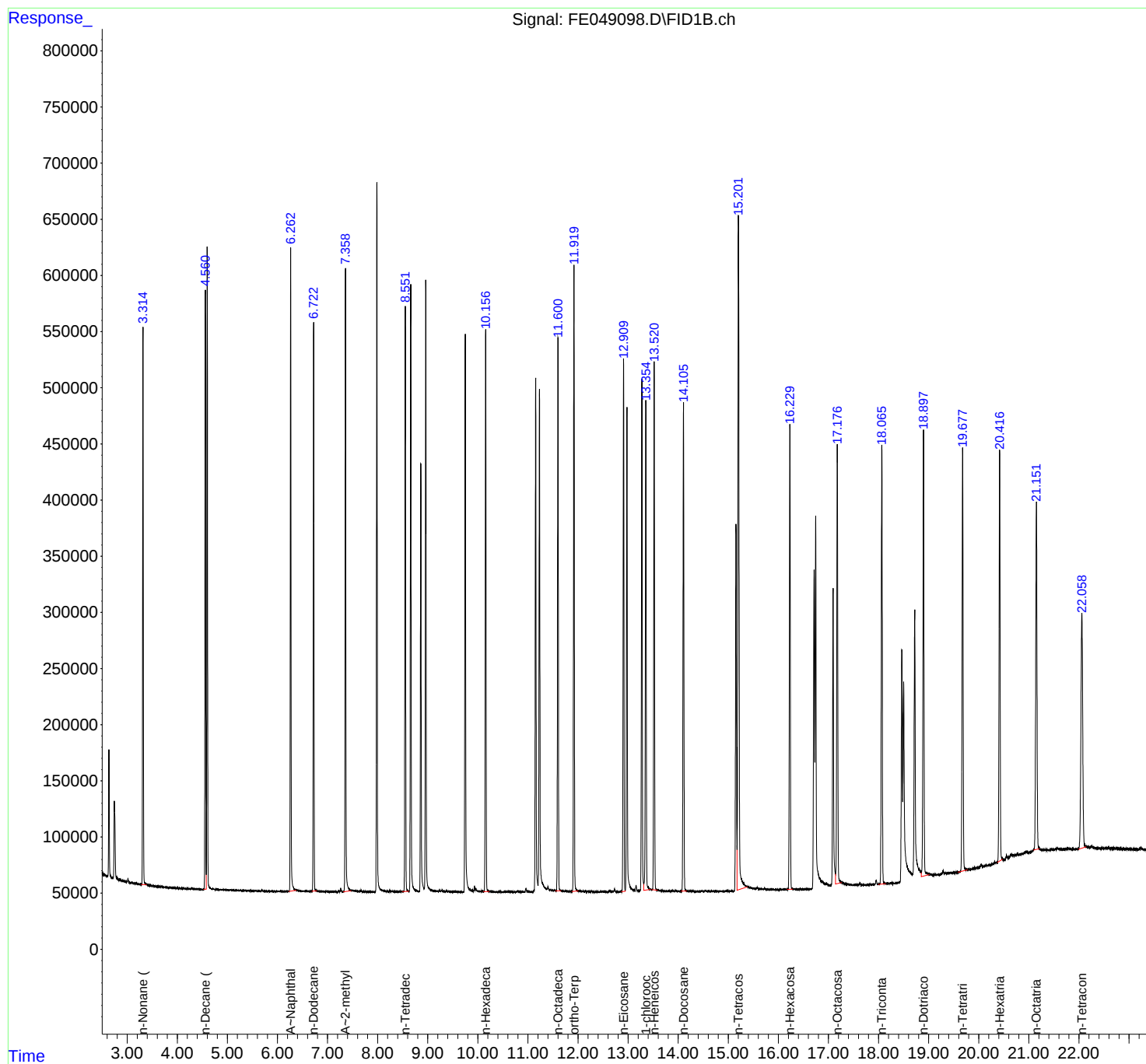
Instrument :
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PB162030BS

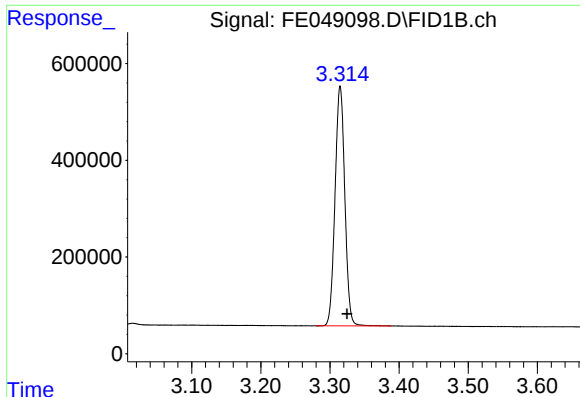
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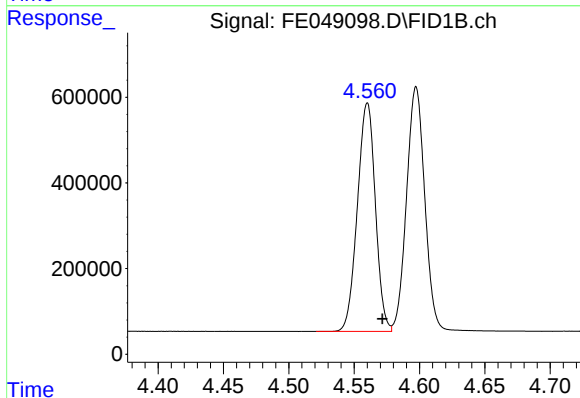
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.010 min
Response: 4865817
Conc: 32.36 ug/ml

Instrument :
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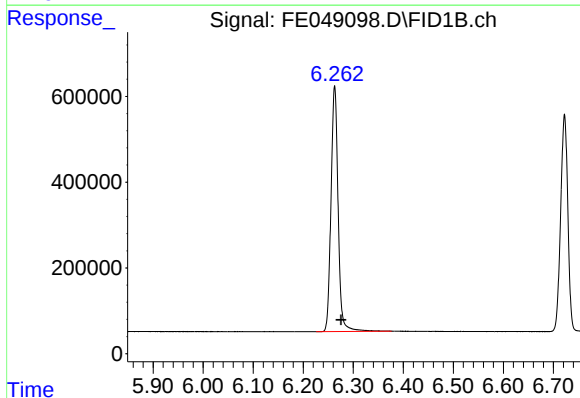
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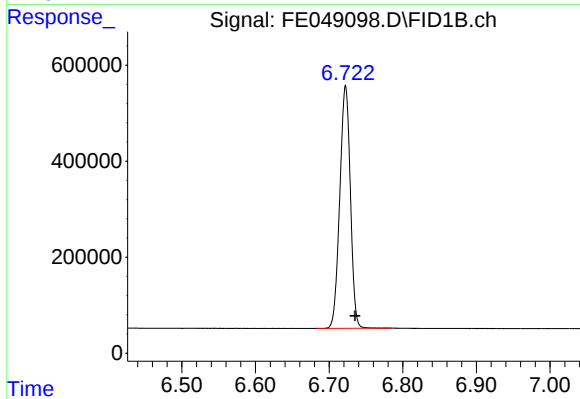
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.011 min
Response: 5108367
Conc: 33.19 ug/ml



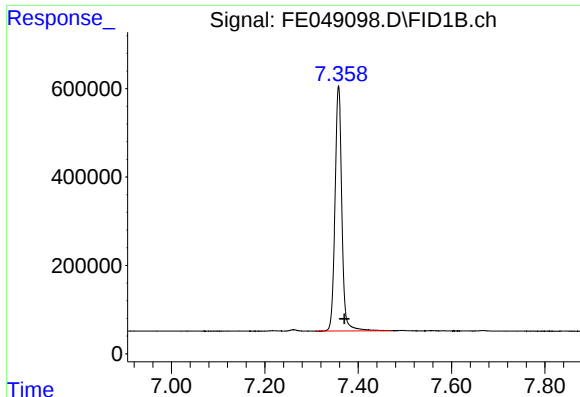
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 5647647
Conc: 35.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.013 min
Response: 5046049
Conc: 32.69 ug/ml



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

R.T.: 7.358 min
Delta R.T.: -0.013 min
Response: 5638090
Conc: 37.23 ug/ml

Instrument :

FID_E

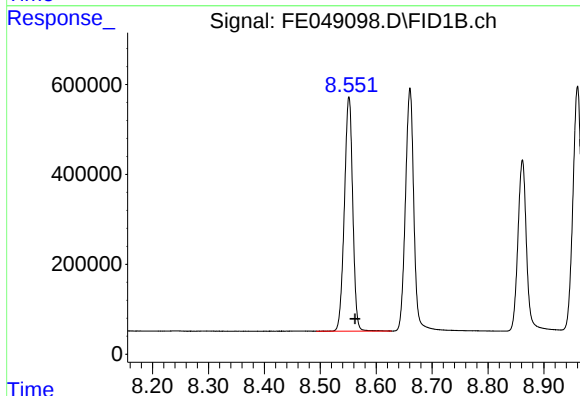
ClientSampleId :

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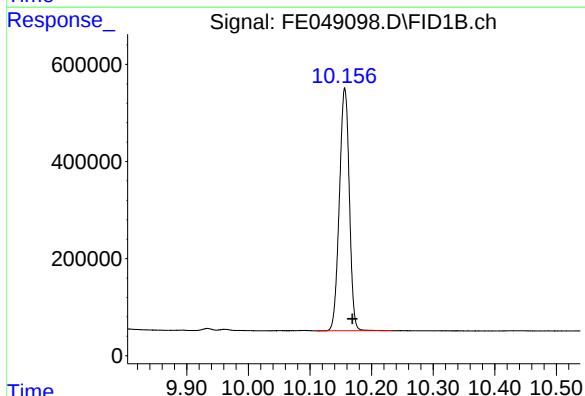
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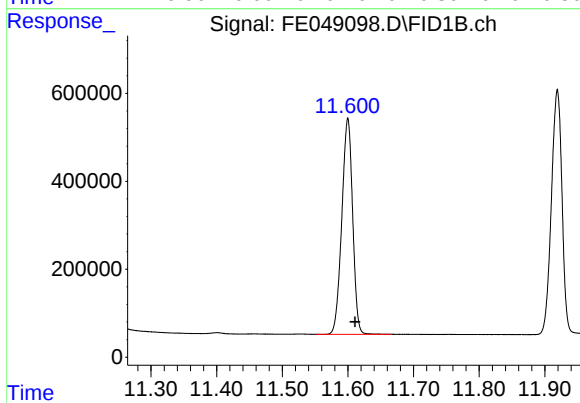
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 5414448
Conc: 35.33 ug/ml



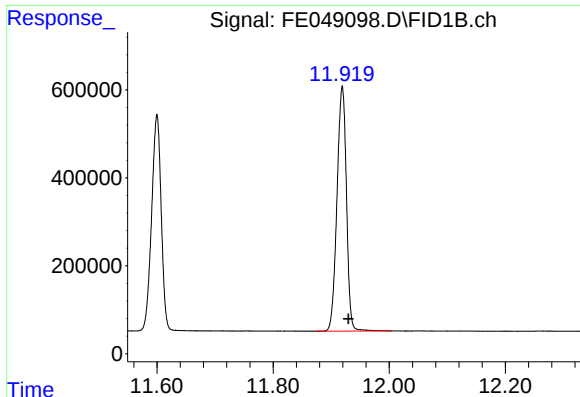
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.012 min
Response: 5607127
Conc: 35.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.011 min
Response: 5625218
Conc: 35.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.011 min
Response: 6287079
Conc: 37.60 ug/ml

Instrument :

FID_E

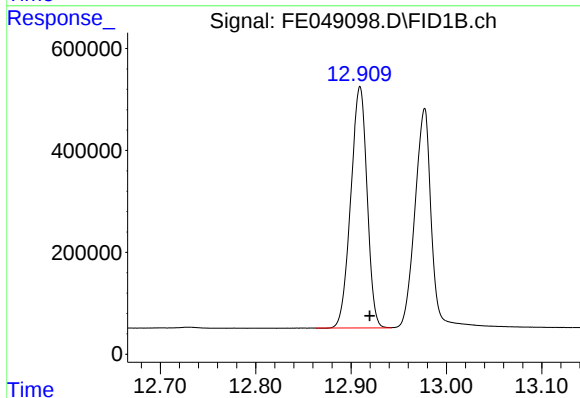
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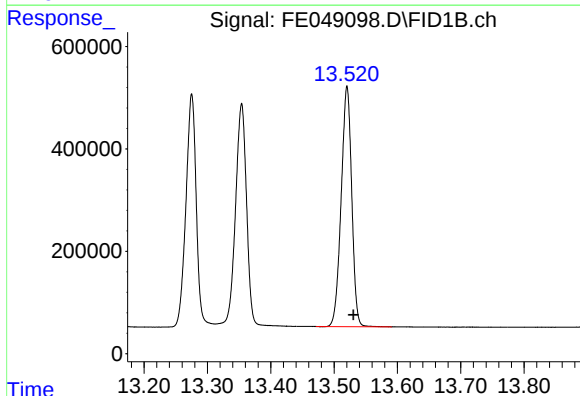
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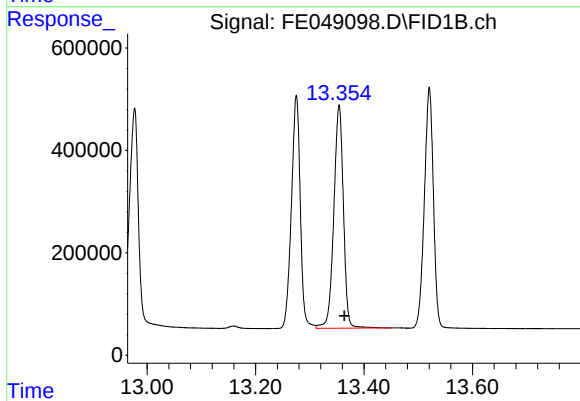
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.010 min
Response: 5628431
Conc: 36.30 ug/ml



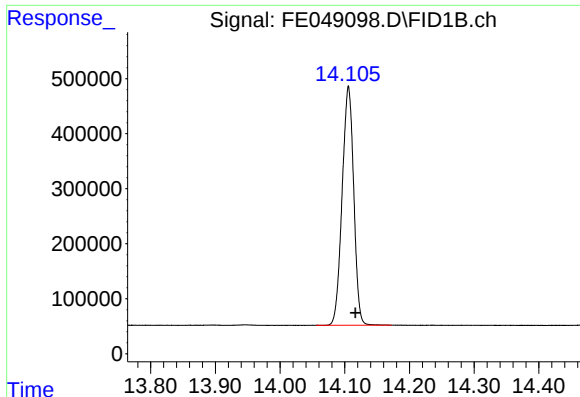
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.010 min
Response: 5431016
Conc: 35.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.010 min
Response: 5362804
Conc: 41.70 ug/ml



#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.011 min
Response: 5396289
Conc: 35.68 ug/ml

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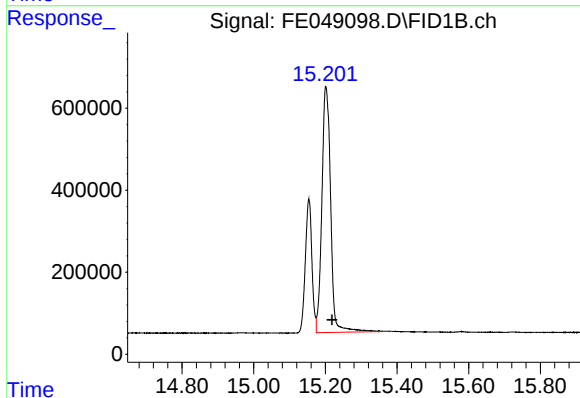
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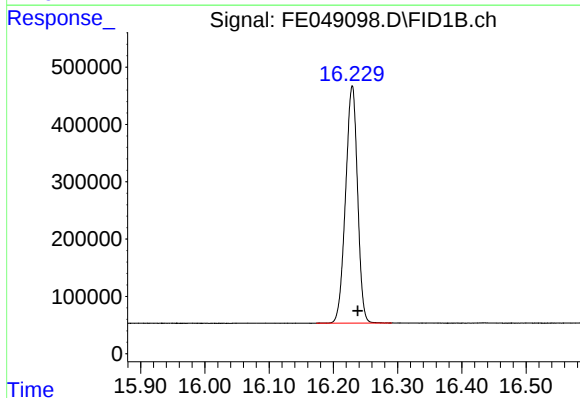
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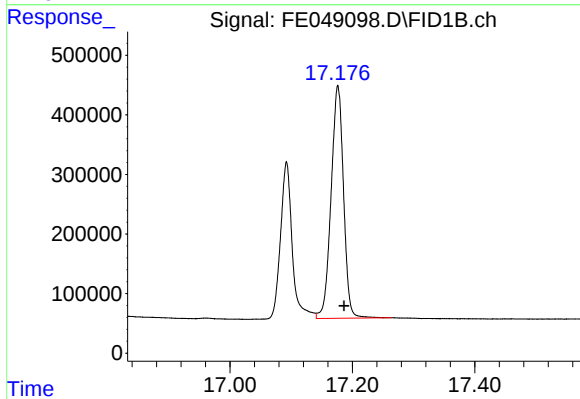
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.017 min
Response: 10231111
Conc: 68.08 ug/ml



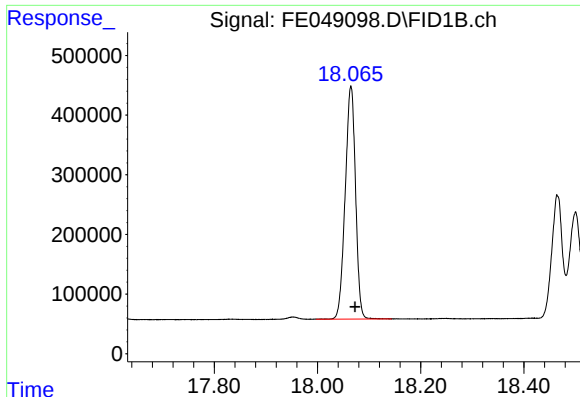
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.009 min
Response: 5367723
Conc: 36.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.010 min
Response: 5519595
Conc: 38.27 ug/ml



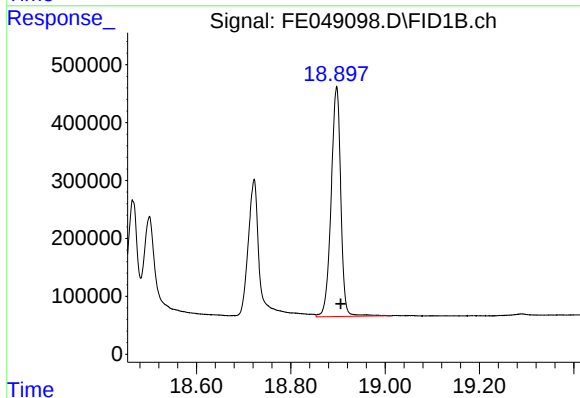
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.008 min
Response: 5440097
Conc: 37.18 ug/ml

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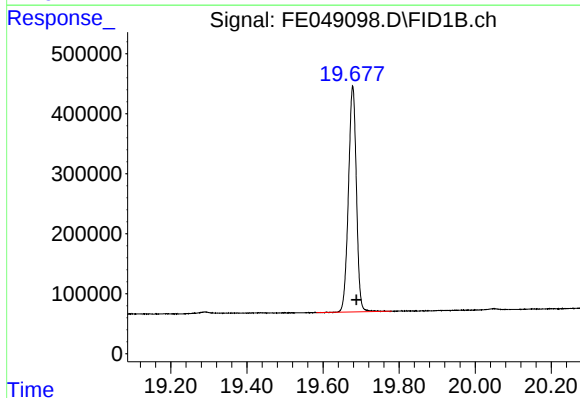
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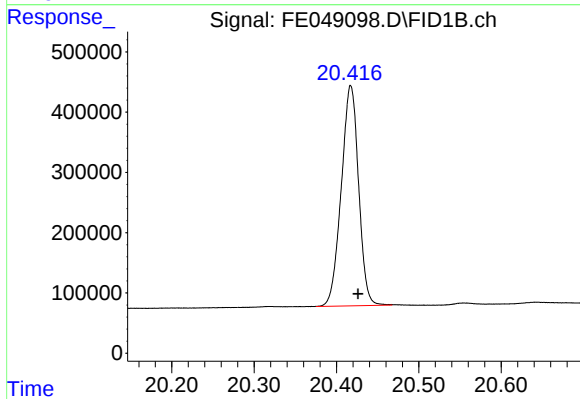
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.008 min
Response: 5635905
Conc: 39.42 ug/ml



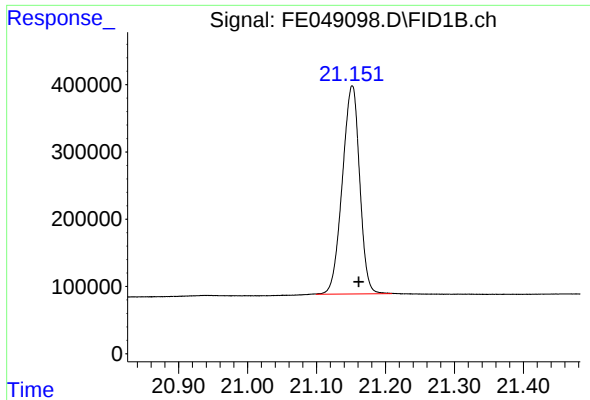
#19 n-Tetratriacontane (C34)

R.T.: 19.678 min
Delta R.T.: -0.010 min
Response: 5471354
Conc: 39.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.416 min
Delta R.T.: -0.010 min
Response: 5336936
Conc: 41.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.010 min
Response: 5401137
Conc: 42.13 ug/ml

Instrument :

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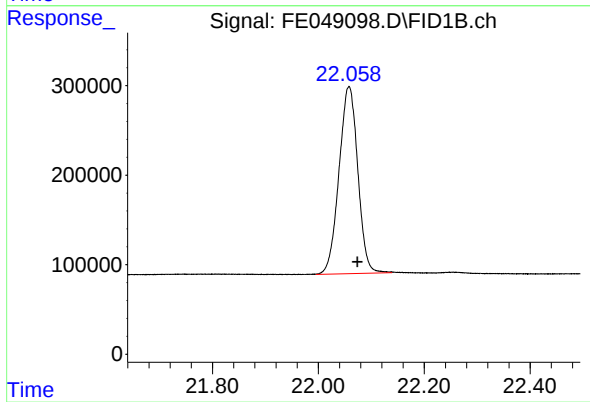
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#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.016 min
Response: 5147808
Conc: 42.04 ug/ml m