

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039416.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 19:51
 Operator : YP\AJ
 Sample : N6135-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11977MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/21/2022

Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e

Quant Time: Dec 21 03:10:36 2022

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)	11.934	5081429	34.050 ug/ml
Spiked Amount 50.000		Recovery =	68.10%
12) S 1-chlorooctadecane (S...	13.369	4202937	36.516 ug/ml
Spiked Amount 50.000		Recovery =	73.03%
Target Compounds			
1) T n-Nonane (C9)	3.329	4418354	34.182 ug/ml
2) T n-Decane (C10)	4.579	5026274	39.446 ug/ml
3) T A~Naphthalene (C11.7)	6.280	4667421	32.288 ug/ml
4) T n-Dodecane (C12)	6.742	5765245	44.408 ug/ml
5) T A~2-methylnaphthalene...	7.375	4844303	35.769 ug/ml
6) T n-Tetradecane (C14)	8.569	6603516	49.834 ug/ml
7) T n-Hexadecane (C16)	10.175	7601248	55.252 ug/ml
8) T n-Octadecane (C18)	11.618	8210930	58.624 ug/ml
10) T n-Eicosane (C20)	12.928	8268918	60.575 ug/ml
11) T n-Heneicosane (C21)	13.539	8110746	59.467 ug/ml
13) T n-Docosane (C22)	14.124	8496954	62.812 ug/ml
14) T n-Tetracosane (C24)	15.223	5334908	39.742 ug/mlm
15) T n-Hexacosane (C26)	16.248	7984097	61.317 ug/ml
16) T n-Octacosane (C28)	17.198	8329286	64.718 ug/ml
17) T n-Tricontane (C30)	18.085	7490272	58.177 ug/ml
18) T n-Dotriacontane (C32)	18.917	7424851	57.334 ug/ml
19) T n-Tetratriacontane (C34)	19.702	6923309	54.876 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5852842	48.404 ug/ml
21) T n-Octatriacontane (C38)	21.176	5339794	43.238 ug/ml
22) T n-Tetracontane (C40)	22.088	4979425	39.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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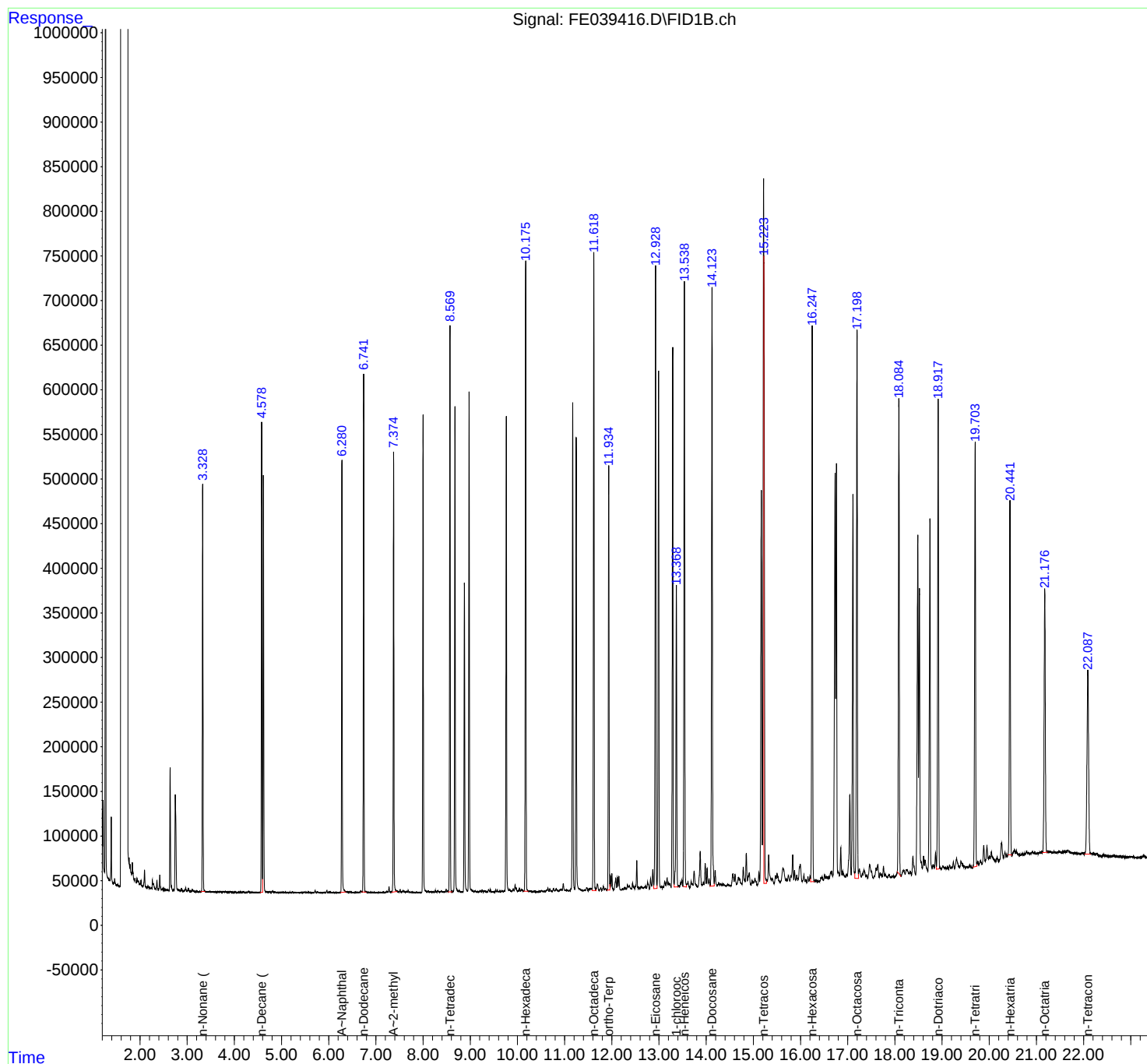
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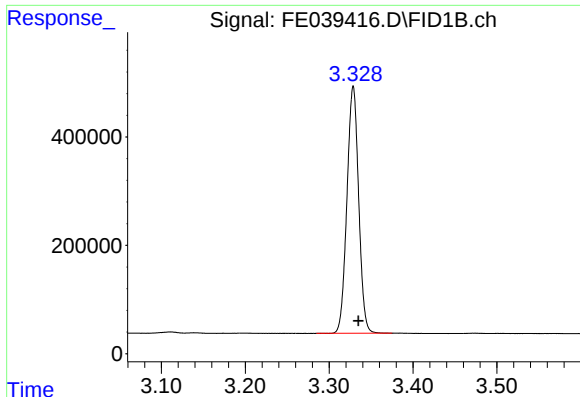
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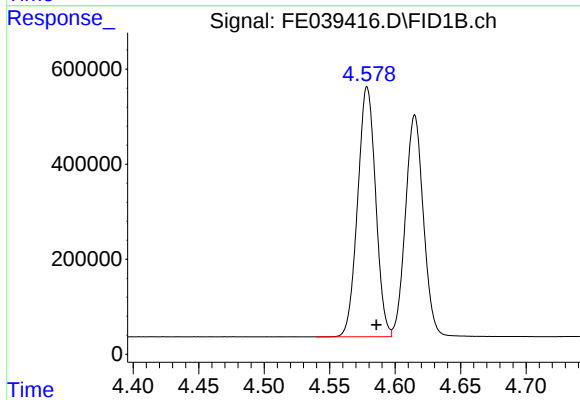
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 4418354
Conc: 34.18 ug/ml

Instrument :
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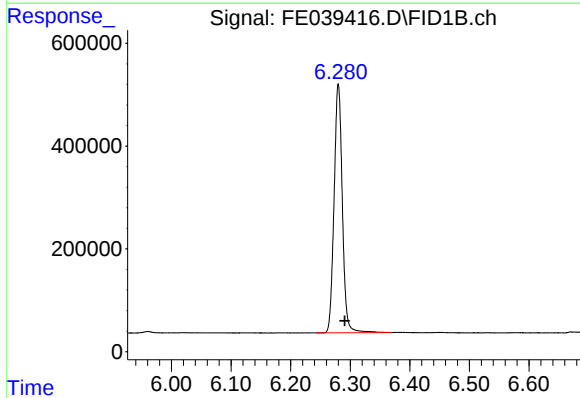
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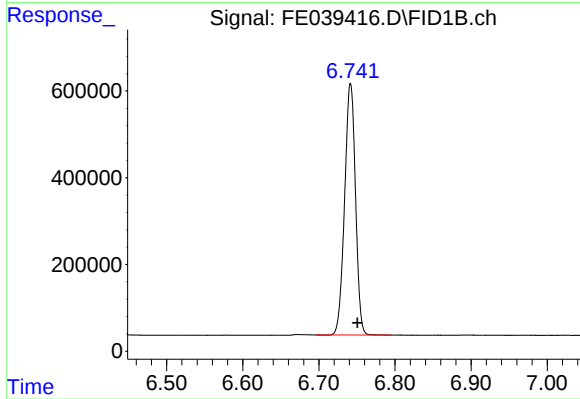
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 5026274
Conc: 39.45 ug/ml



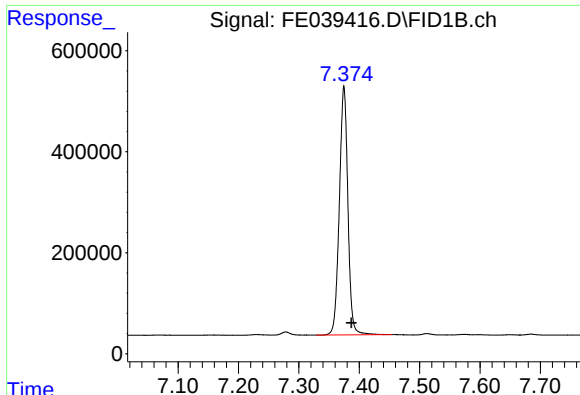
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.011 min
Response: 4667421
Conc: 32.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.009 min
Response: 5765245
Conc: 44.41 ug/ml



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

R.T.: 7.375 min
Delta R.T.: -0.012 min
Response: 4844303
Conc: 35.77 ug/ml

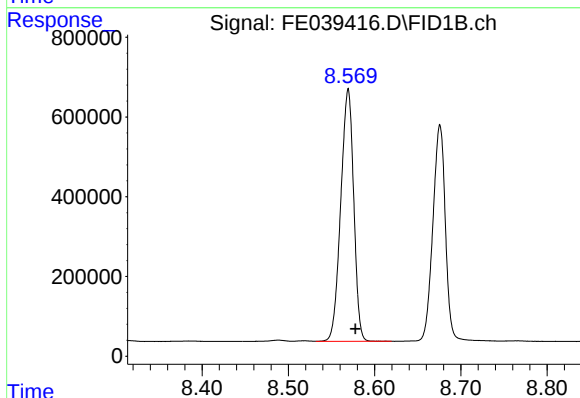
Instrument :

FID_E

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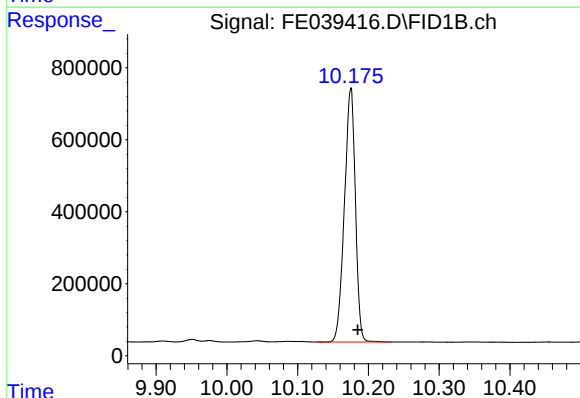
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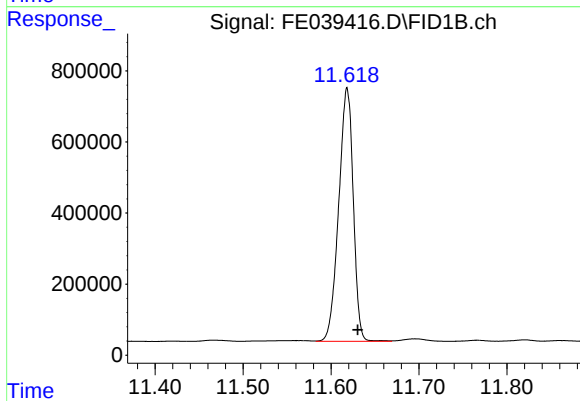
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.008 min
Response: 6603516
Conc: 49.83 ug/ml



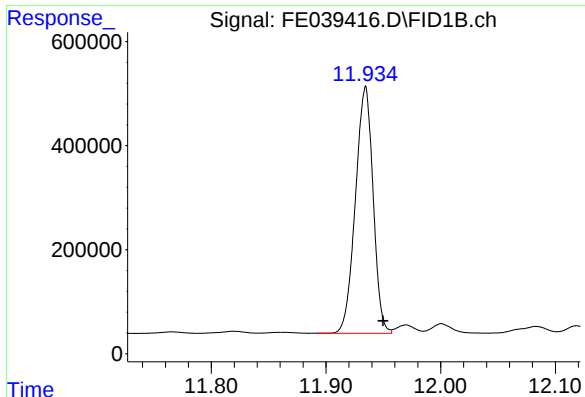
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.010 min
Response: 7601248
Conc: 55.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.012 min
Response: 8210930
Conc: 58.62 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.015 min
Response: 5081429
Conc: 34.05 ug/ml

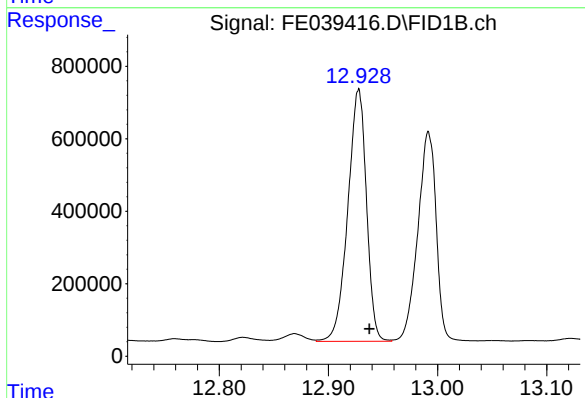
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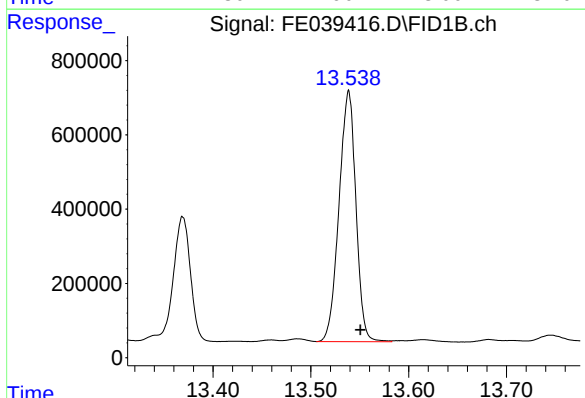
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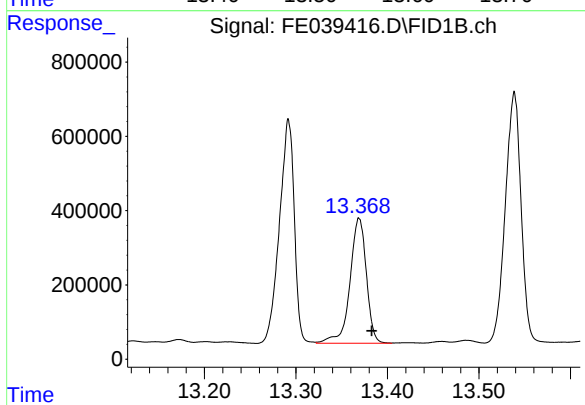
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.010 min
Response: 8268918
Conc: 60.58 ug/ml



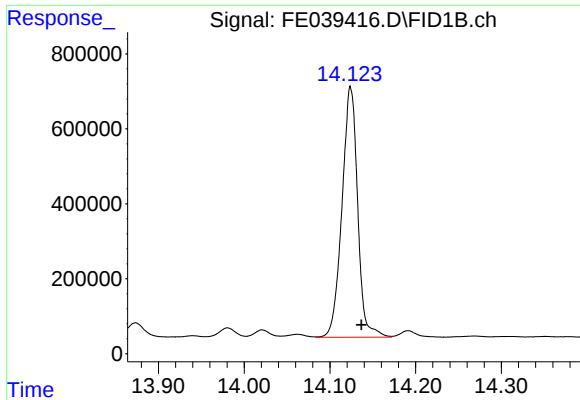
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.012 min
Response: 8110746
Conc: 59.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.014 min
Response: 4202937
Conc: 36.52 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.013 min
Response: 8496954
Conc: 62.81 ug/ml

Instrument :

FID_E

ClientSampleId :

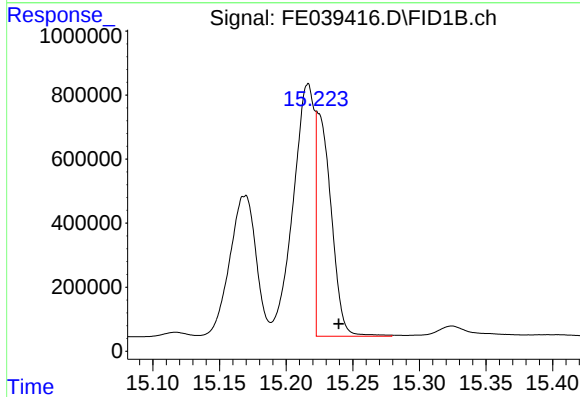
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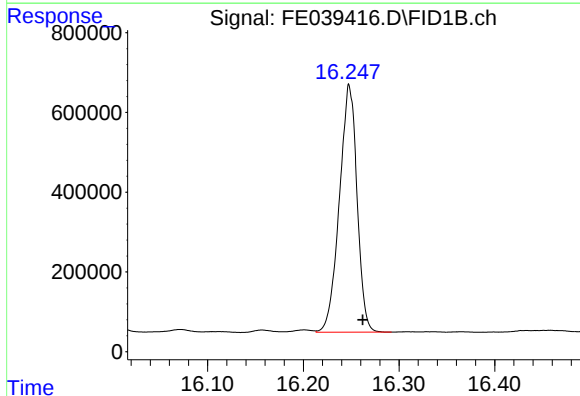
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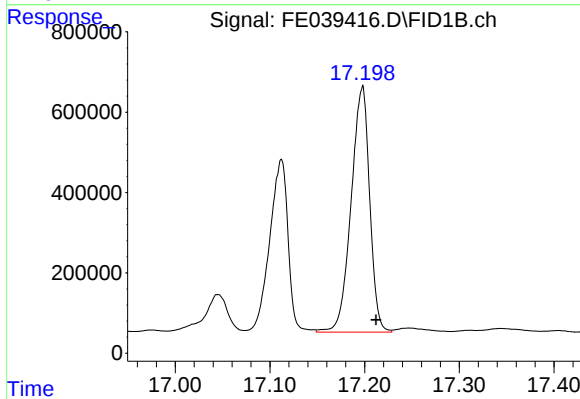
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.017 min
Response: 5334908
Conc: 39.74 ug/ml m



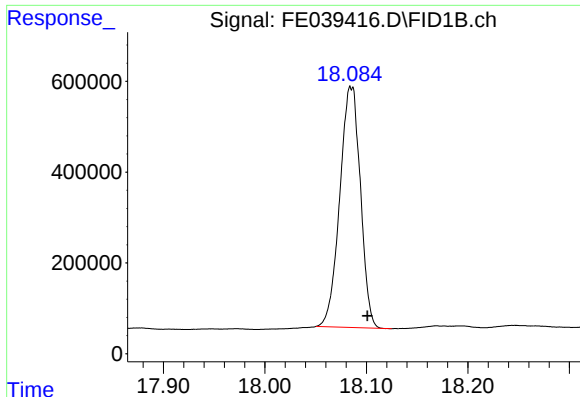
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.014 min
Response: 7984097
Conc: 61.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.015 min
Response: 8329286
Conc: 64.72 ug/ml



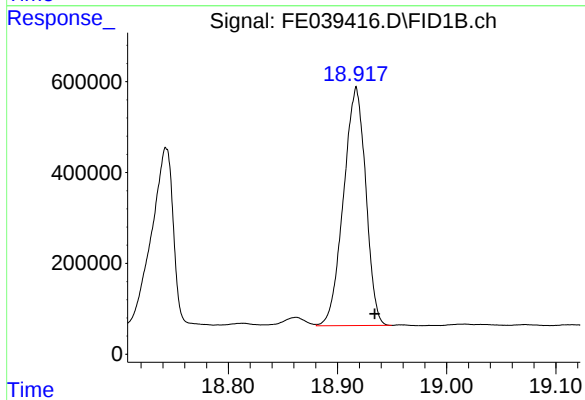
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.016 min
Response: 7490272
Conc: 58.18 ug/ml

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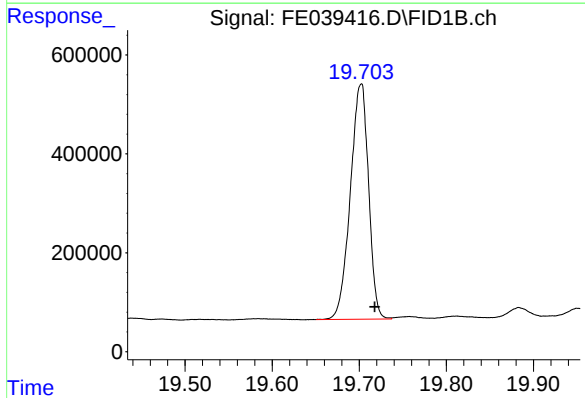
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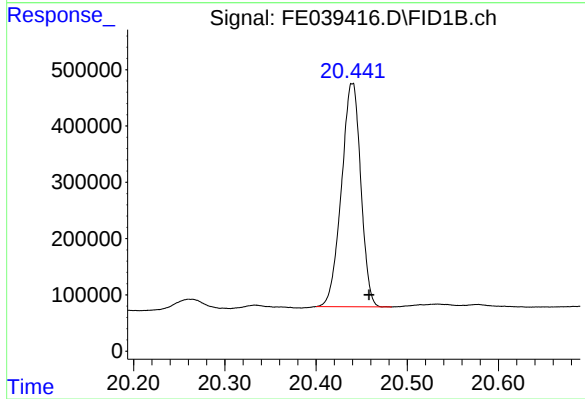
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 7424851
Conc: 57.33 ug/ml



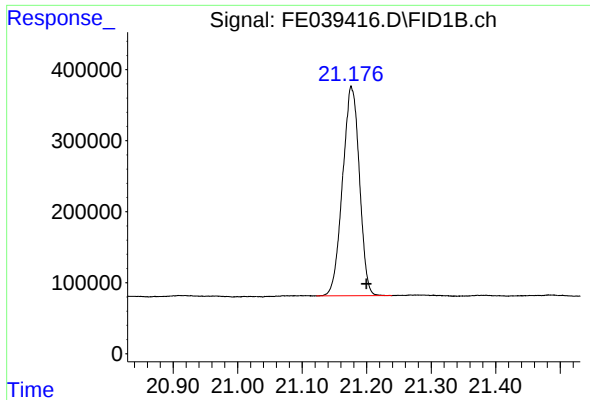
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.016 min
Response: 6923309
Conc: 54.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.018 min
Response: 5852842
Conc: 48.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: -0.024 min
Response: 5339794
Conc: 43.24 ug/ml

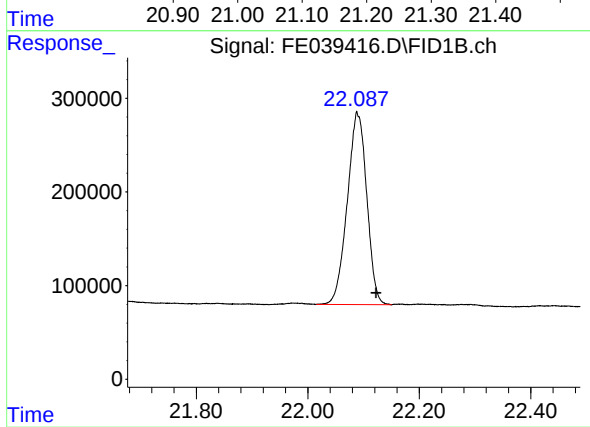
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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.034 min
Response: 4979425
Conc: 39.65 ug/ml