

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121322AL\
 Data File : FE039274.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 09:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2022
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: sample.E
 Quant Time: Dec 13 12:32:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.938	3574496	22.849 ug/ml
Spiked Amount 50.000		Recovery =	45.70%
12) S 1-chlorooctadecane (S...	13.372	2721600	22.541 ug/ml
Spiked Amount 50.000		Recovery =	45.08%
Target Compounds			
1) T n-Nonane (C9)	3.334	3095865	21.841 ug/ml
2) T n-Decane (C10)	4.583	3037302	21.792 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3472158	21.830 ug/ml
4) T n-Dodecane (C12)	6.746	3092352	21.938 ug/ml
5) T A~2-methylnaphthalene...	7.380	3254470	21.745 ug/ml
6) T n-Tetradecane (C14)	8.571	3152026	22.070 ug/ml
7) T n-Hexadecane (C16)	10.178	3275825	22.405 ug/ml
8) T n-Octadecane (C18)	11.620	3333157	22.652 ug/ml
10) T n-Eicosane (C20)	12.928	3249080	22.887 ug/ml
11) T n-Heneicosane (C21)	13.540	3259246	22.936 ug/mlm
13) T n-Docosane (C22)	14.126	3216995	23.013 ug/ml
14) T n-Tetracosane (C24)	15.229	3177949	23.011 ug/ml
15) T n-Hexacosane (C26)	16.249	3066915	22.834 ug/ml
16) T n-Octacosane (C28)	17.199	3042250	22.909 ug/ml
17) T n-Tricontane (C30)	18.086	2996064	22.687 ug/ml
18) T n-Dotriacontane (C32)	18.919	3042162	22.811 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2915082	22.030 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2774306	21.595 ug/ml
21) T n-Octatriacontane (C38)	21.182	2718058	20.743 ug/mlm
22) T n-Tetracontane (C40)	22.096	2829191	20.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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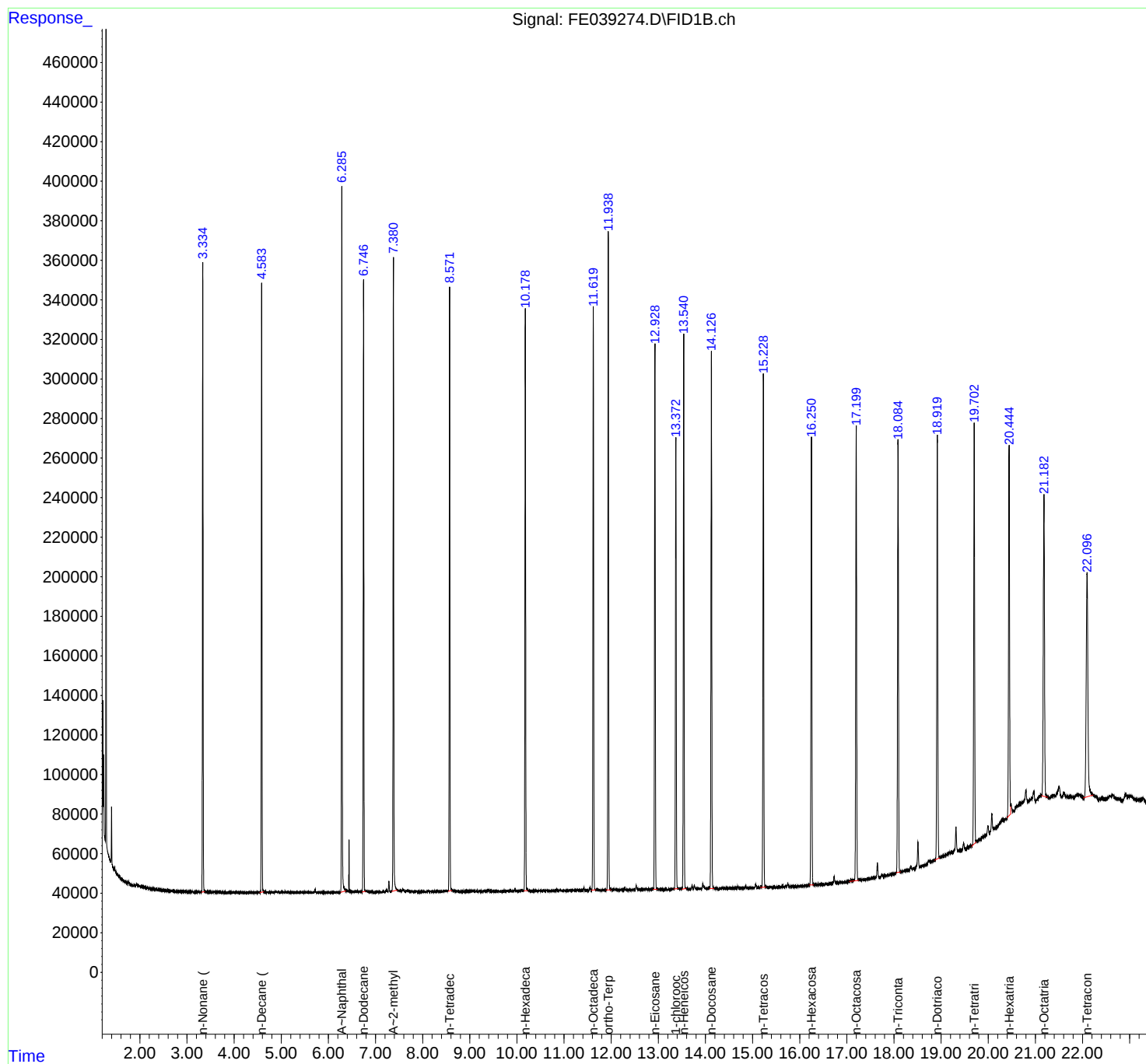
Instrument :
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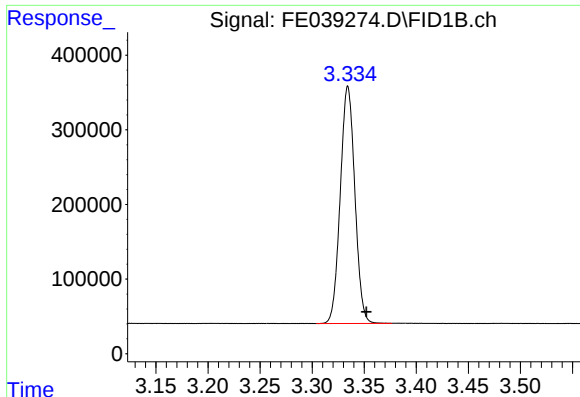
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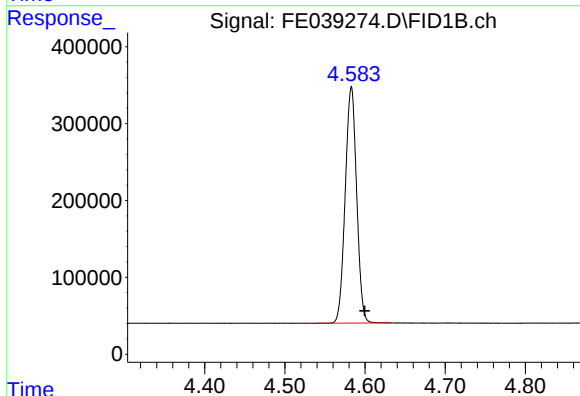
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.018 min
Response: 3095865
Conc: 21.84 ug/ml

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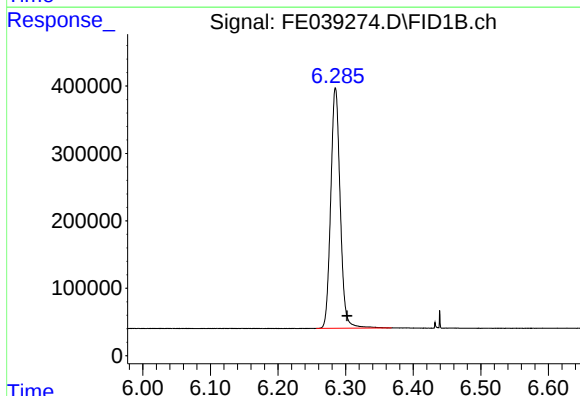
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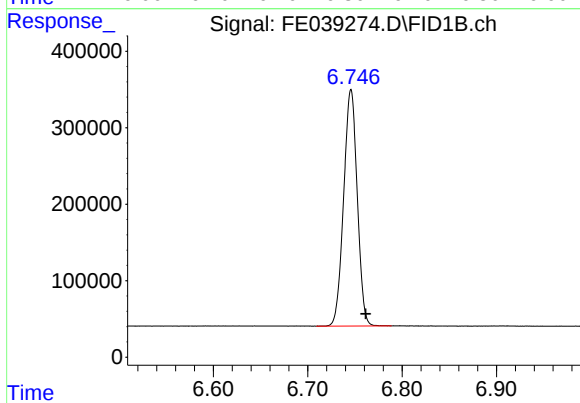
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 3037302
Conc: 21.79 ug/ml



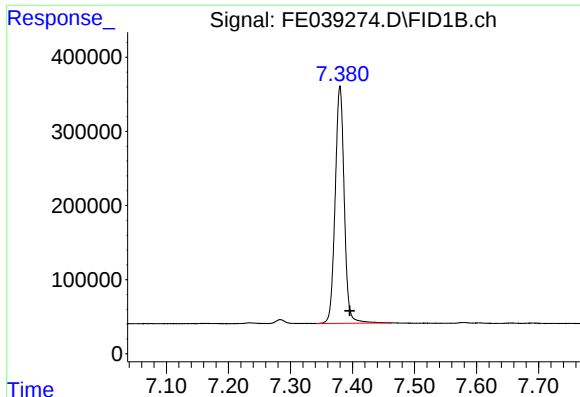
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.017 min
Response: 3472158
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.016 min
Response: 3092352
Conc: 21.94 ug/ml



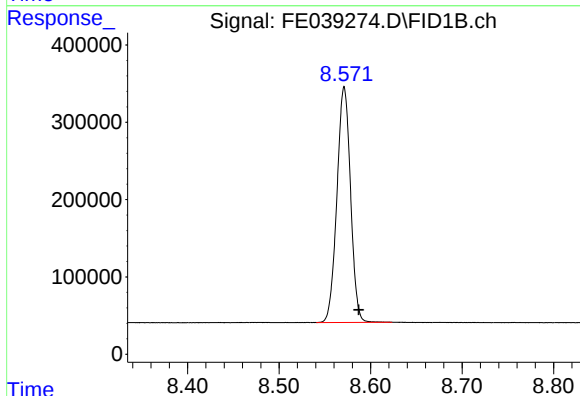
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: -0.016 min
Response: 3254470
Conc: 21.74 ug/ml

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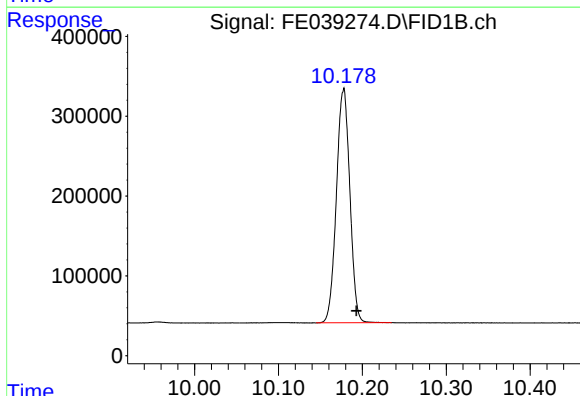
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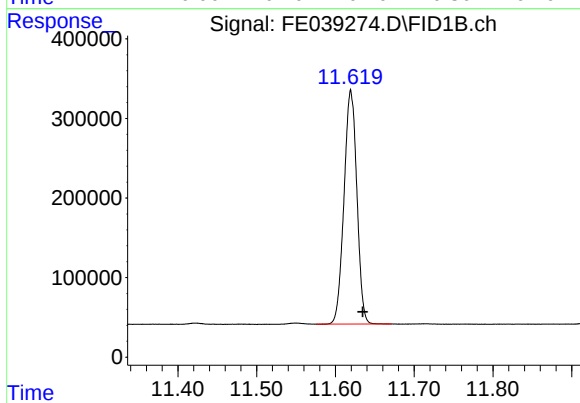
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.016 min
Response: 3152026
Conc: 22.07 ug/ml



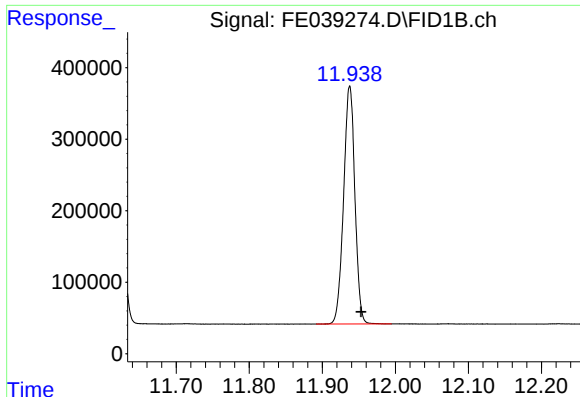
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.015 min
Response: 3275825
Conc: 22.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.015 min
Response: 3333157
Conc: 22.65 ug/ml



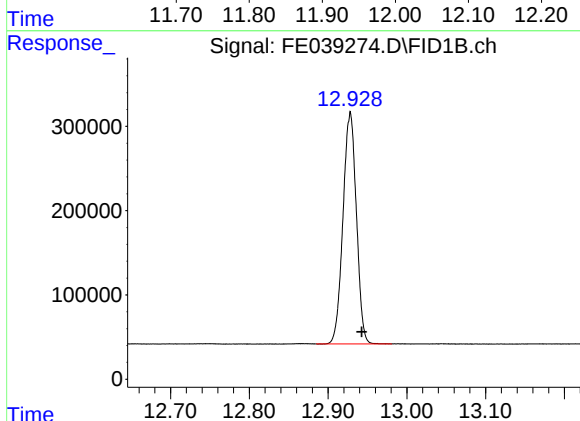
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.016 min
Response: 3574496
Conc: 22.85 ug/ml

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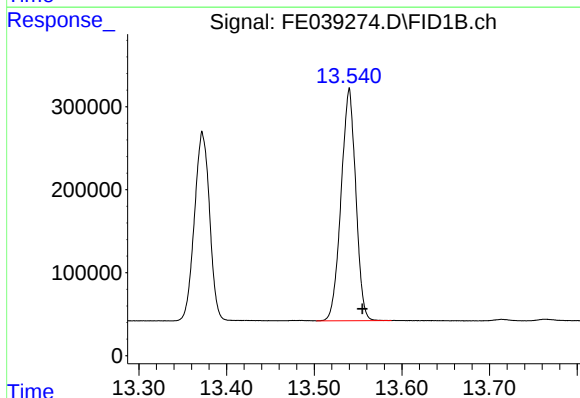
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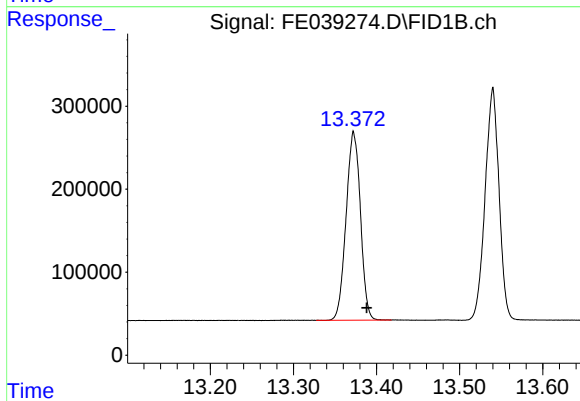
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.015 min
Response: 3249080
Conc: 22.89 ug/ml



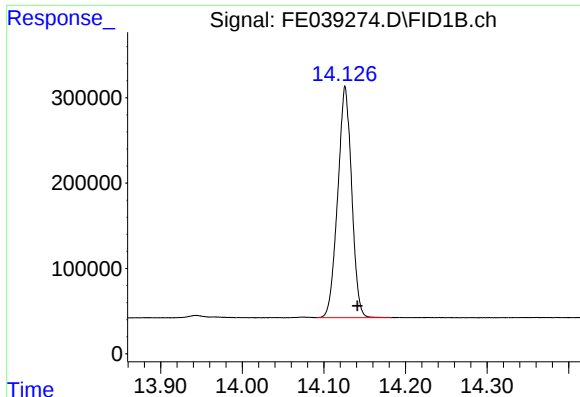
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.015 min
Response: 3259246
Conc: 22.94 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.016 min
Response: 2721600
Conc: 22.54 ug/ml



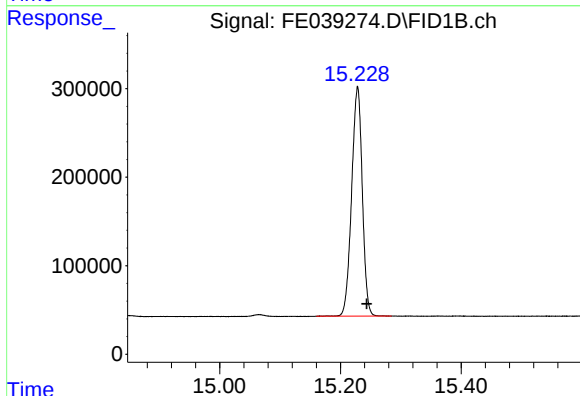
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.015 min
Response: 3216995
Conc: 23.01 ug/ml

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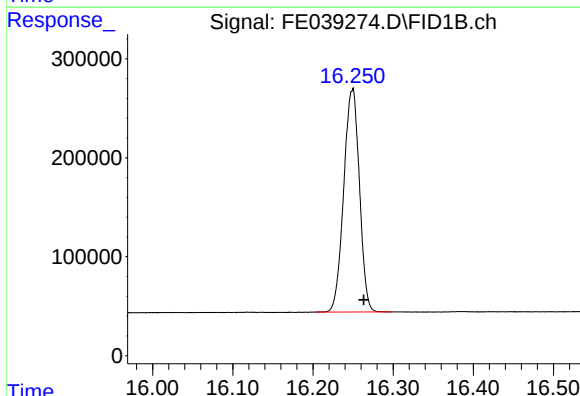
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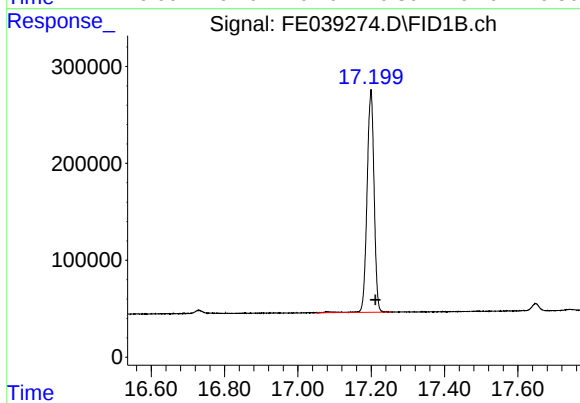
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.015 min
Response: 3177949
Conc: 23.01 ug/ml



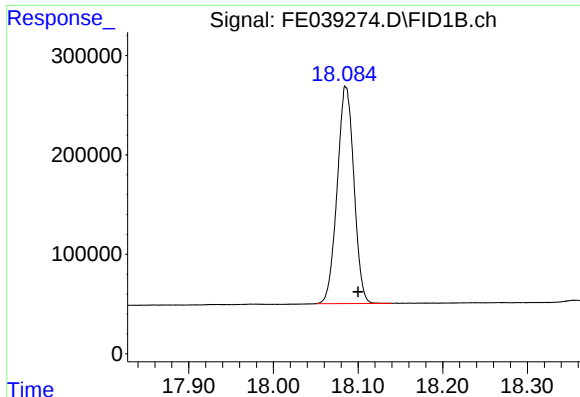
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.014 min
Response: 3066915
Conc: 22.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.012 min
Response: 3042250
Conc: 22.91 ug/ml



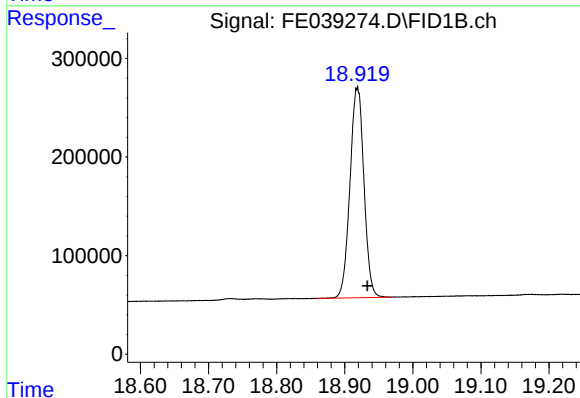
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.015 min
Response: 2996064
Conc: 22.69 ug/ml

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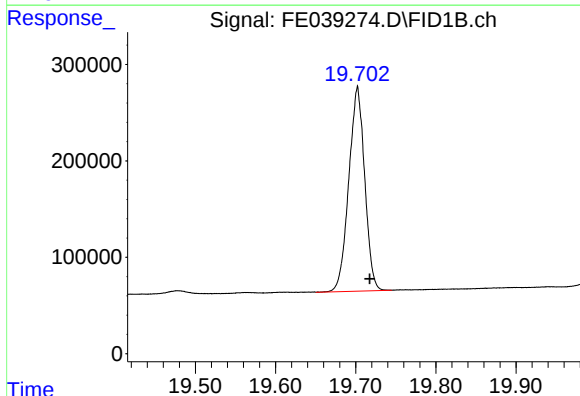
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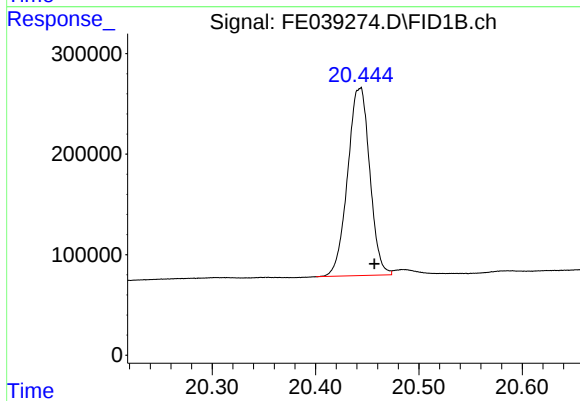
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.015 min
Response: 3042162
Conc: 22.81 ug/ml



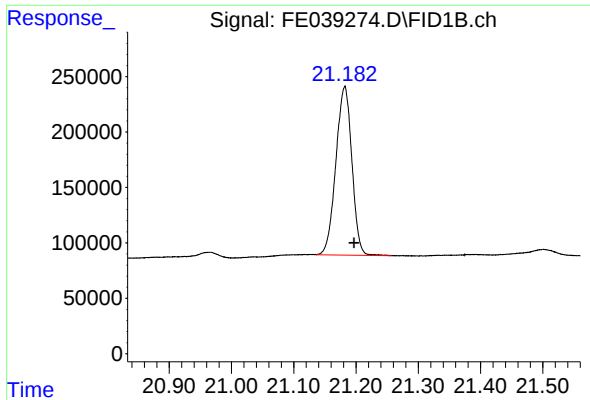
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.016 min
Response: 2915082
Conc: 22.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.014 min
Response: 2774306
Conc: 21.59 ug/ml



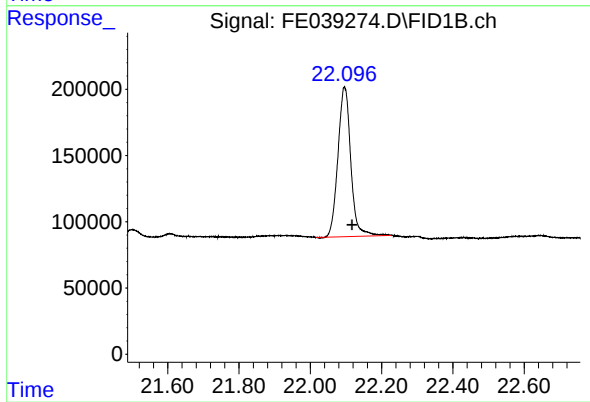
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.015 min
Response: 2718058
Conc: 20.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.022 min
Response: 2829191
Conc: 20.78 ug/ml