

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121322AL\
 Data File : FE039278.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 11:21
 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 12:33:19 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	3272360	20.918 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
12) S 1-chlorooctadecane (S...	13.374	2514596	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T n-Nonane (C9)	3.334	2778426	19.601 ug/ml
2) T n-Decane (C10)	4.583	2726291	19.560 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3138337	19.731 ug/ml
4) T n-Dodecane (C12)	6.746	2775480	19.690 ug/ml
5) T A~2-methylnaphthalene...	7.380	2959044	19.771 ug/ml
6) T n-Tetradecane (C14)	8.572	2843254	19.908 ug/ml
7) T n-Hexadecane (C16)	10.178	2959845	20.244 ug/ml
8) T n-Octadecane (C18)	11.620	3025579	20.561 ug/ml
10) T n-Eicosane (C20)	12.929	2963454	20.875 ug/ml
11) T n-Heneicosane (C21)	13.540	2984440	21.003 ug/mlm
13) T n-Docosane (C22)	14.126	2954223	21.134 ug/ml
14) T n-Tetracosane (C24)	15.229	2942657	21.307 ug/ml
15) T n-Hexacosane (C26)	16.250	2847625	21.201 ug/ml
16) T n-Octacosane (C28)	17.199	2813347	21.185 ug/ml
17) T n-Tricontane (C30)	18.086	2767242	20.954 ug/ml
18) T n-Dotriacontane (C32)	18.919	2761691	20.708 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2658328	20.090 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2559562	19.923 ug/ml
21) T n-Octatriacontane (C38)	21.178	2507251	19.134 ug/mlm
22) T n-Tetracontane (C40)	22.095	2506465	18.407 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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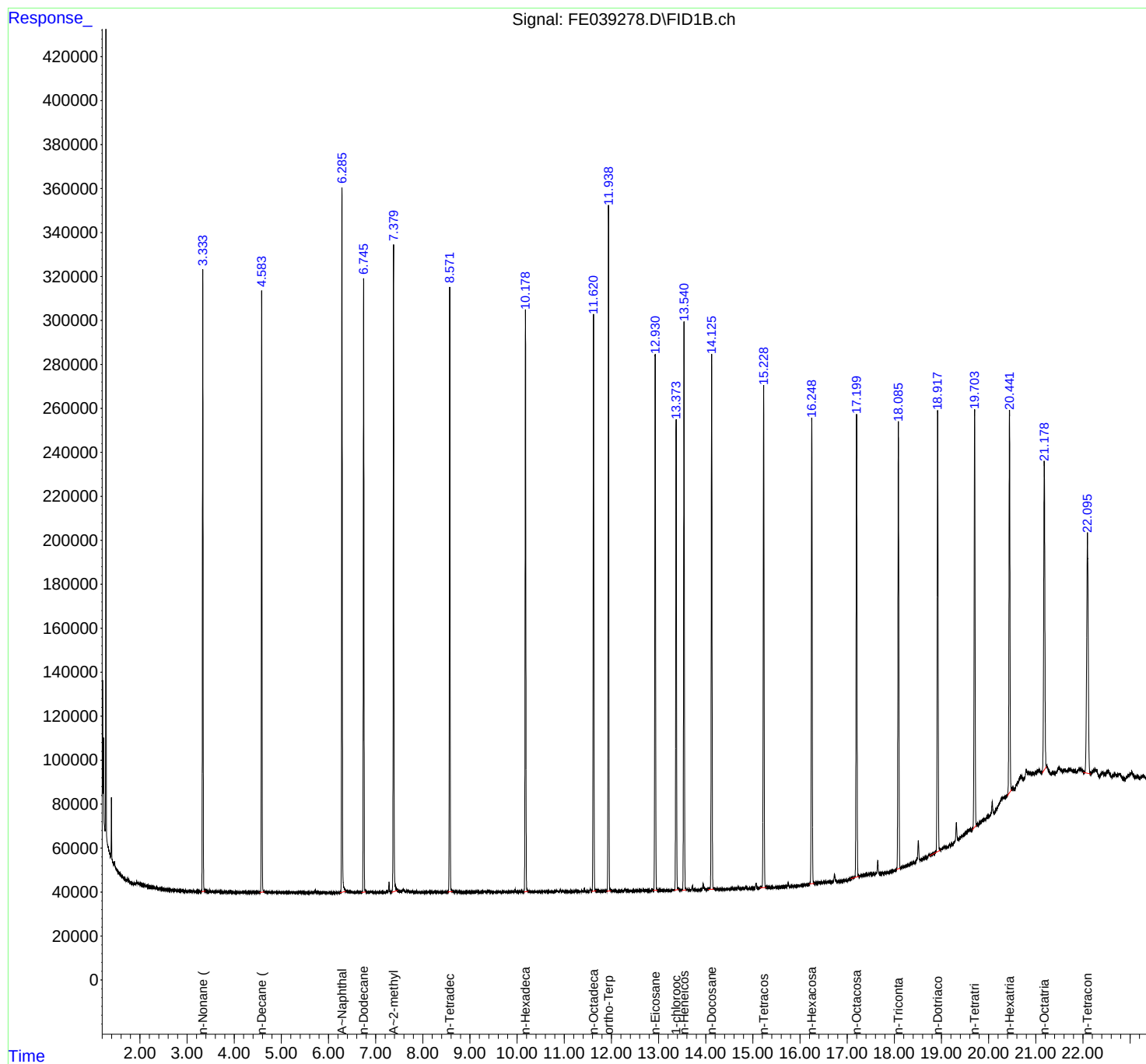
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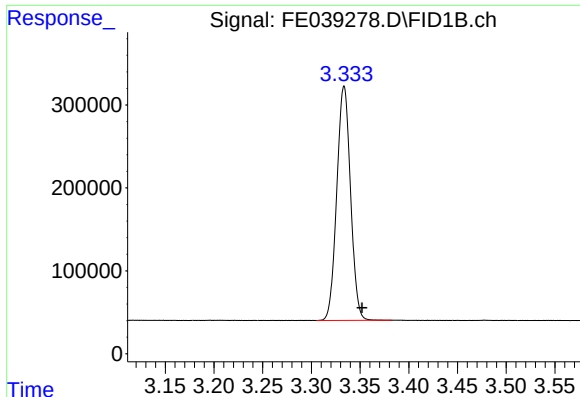
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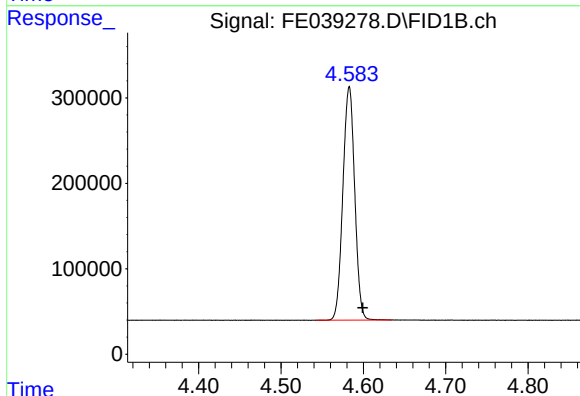
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.018 min
Response: 2778426
Conc: 19.60 ug/ml

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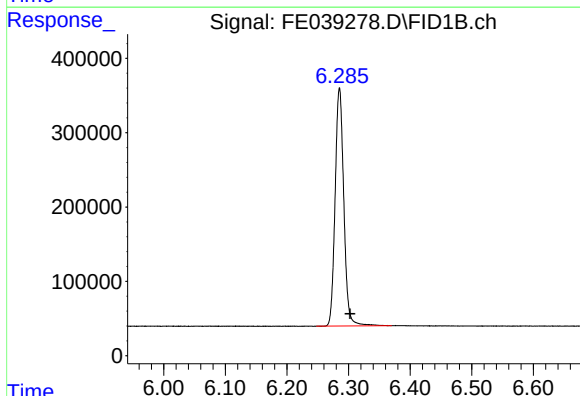
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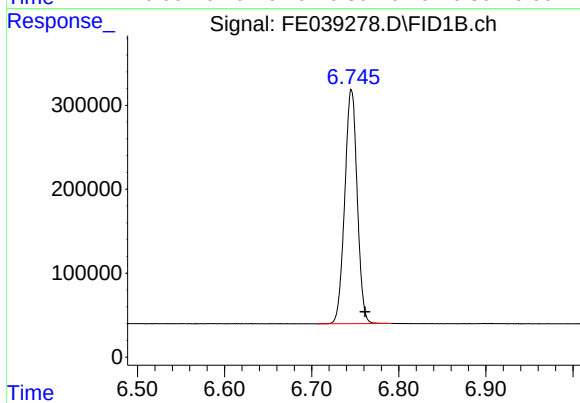
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 2726291
Conc: 19.56 ug/ml



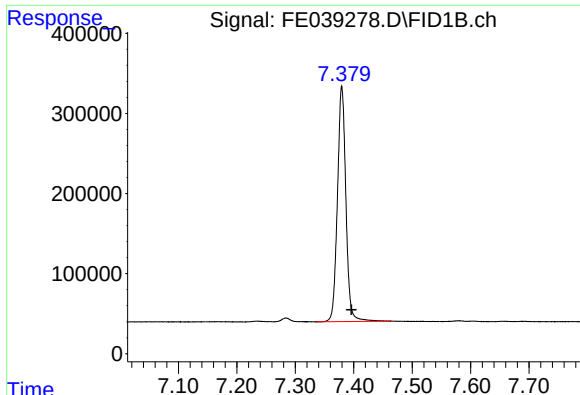
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.017 min
Response: 3138337
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.016 min
Response: 2775480
Conc: 19.69 ug/ml



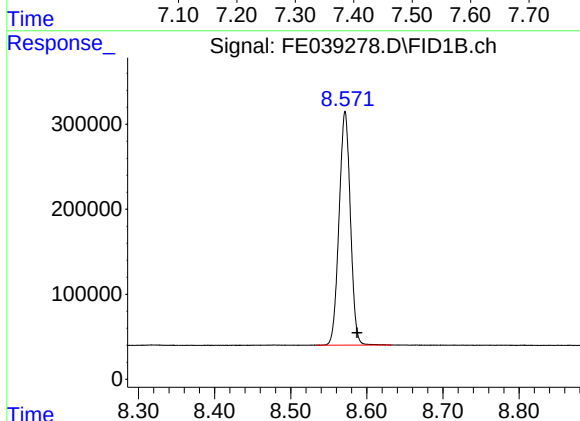
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: -0.016 min
Response: 2959044
Conc: 19.77 ug/ml

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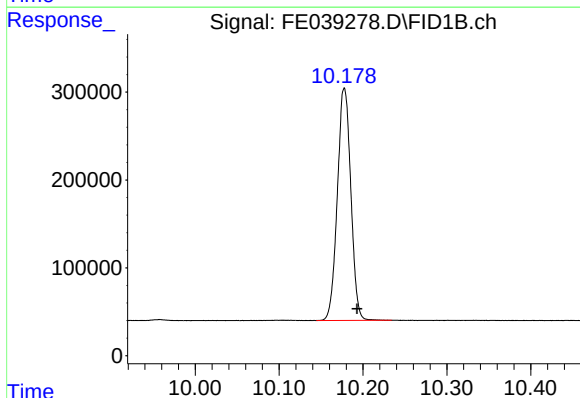
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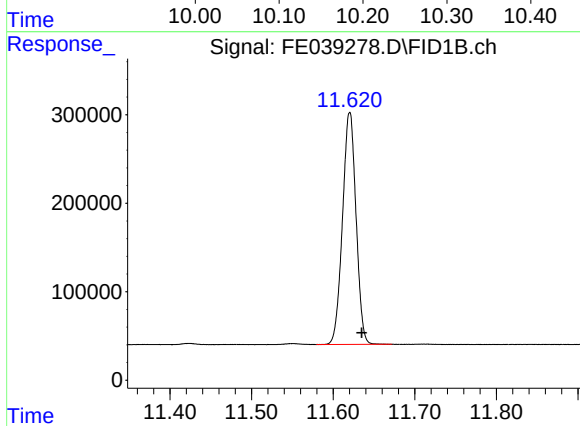
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.015 min
Response: 2843254
Conc: 19.91 ug/ml



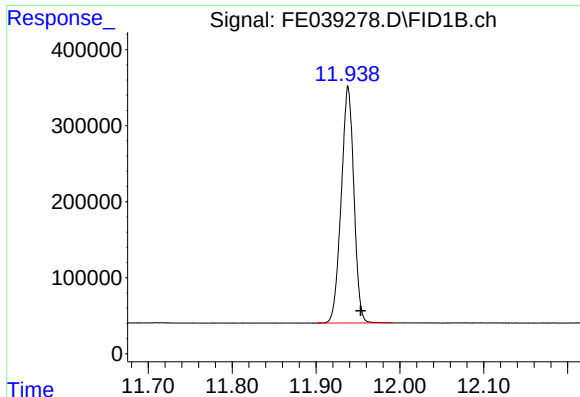
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.015 min
Response: 2959845
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.015 min
Response: 3025579
Conc: 20.56 ug/ml



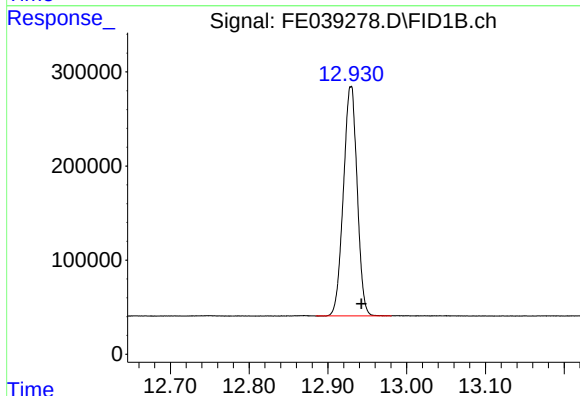
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.015 min
Response: 3272360
Conc: 20.92 ug/ml

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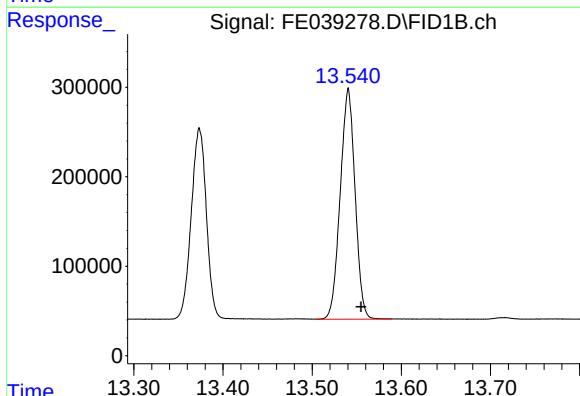
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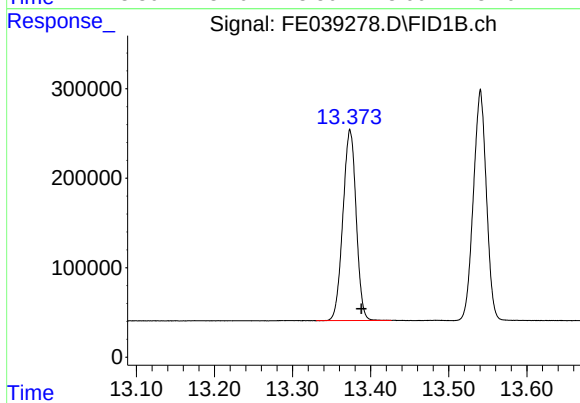
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.013 min
Response: 2963454
Conc: 20.87 ug/ml



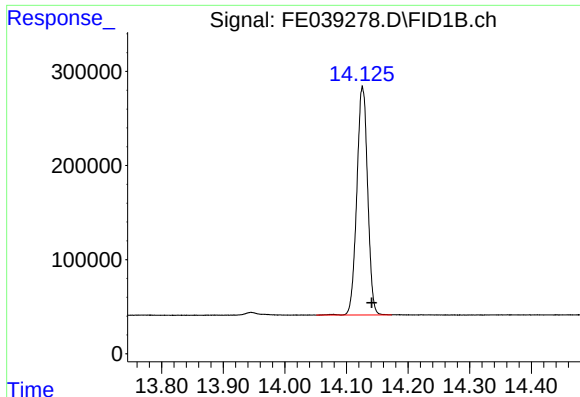
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.015 min
Response: 2984440
Conc: 21.00 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.014 min
Response: 2514596
Conc: 20.83 ug/ml



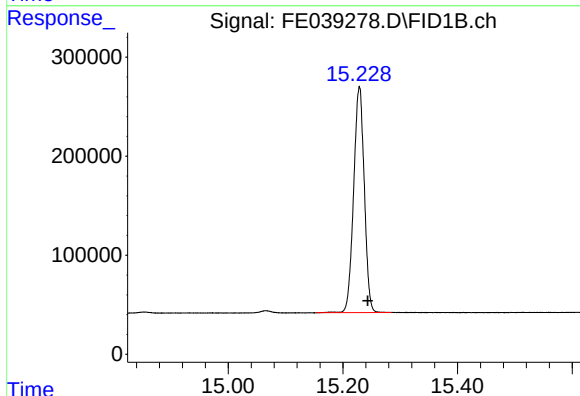
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.015 min
Response: 2954223
Conc: 21.13 ug/ml

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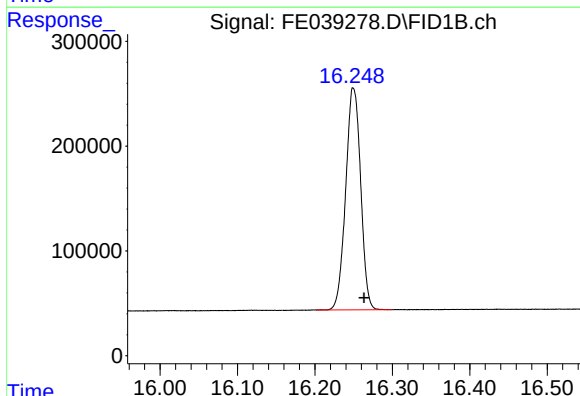
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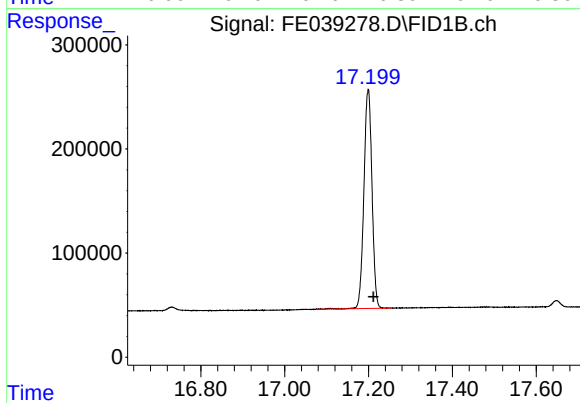
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.015 min
Response: 2942657
Conc: 21.31 ug/ml



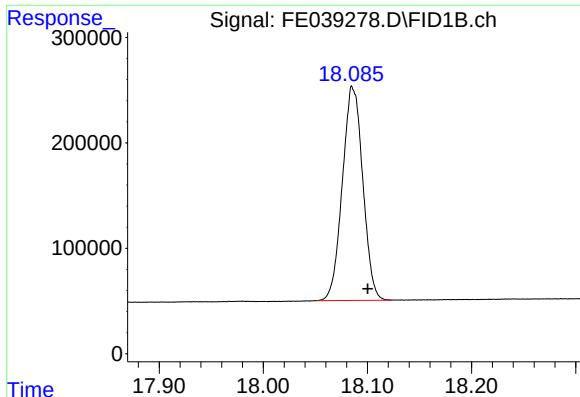
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.014 min
Response: 2847625
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.012 min
Response: 2813347
Conc: 21.19 ug/ml



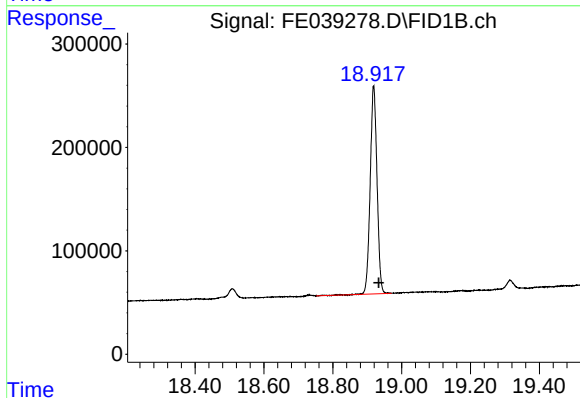
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.015 min
Response: 2767242
Conc: 20.95 ug/ml

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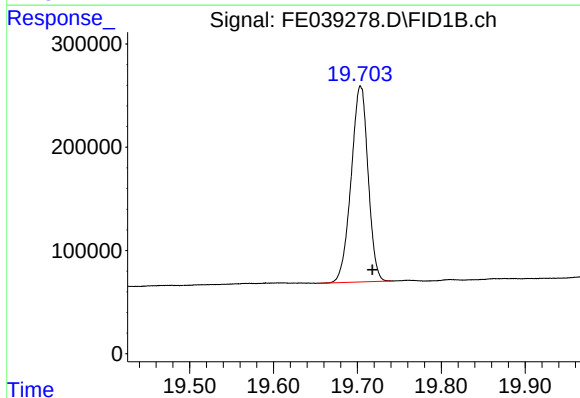
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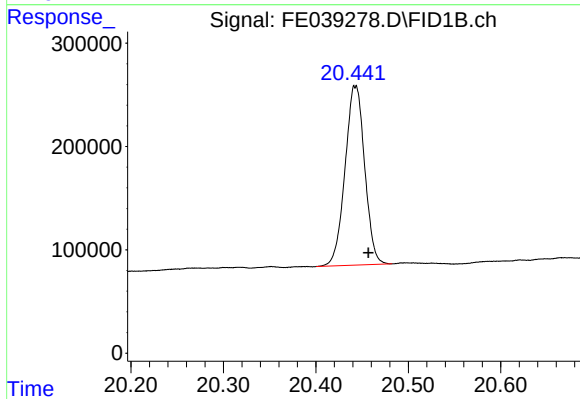
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.015 min
Response: 2761691
Conc: 20.71 ug/ml



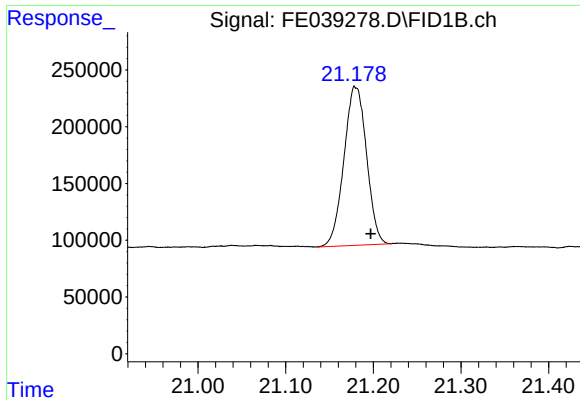
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 2658328
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.014 min
Response: 2559562
Conc: 19.92 ug/ml



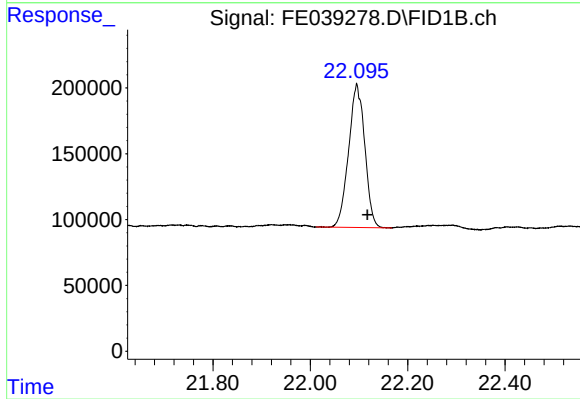
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.019 min
Response: 2507251
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.022 min
Response: 2506465
Conc: 18.41 ug/ml