

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033023AL\
 Data File : FE041090.D
 Signal(s) : FID1B.ch
 Acq On : 30 Mar 2023 08:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: sample.E
 Quant Time: Mar 30 14:49:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.851	3484500	18.540 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.289	2685405	18.664 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	3.251	2997597	17.276 ug/ml
2) T n-Decane (C10)	4.497	3117127	18.313 ug/ml
3) T A~Naphthalene (C11.7)	6.199	3424642	18.723 ug/ml
4) T n-Dodecane (C12)	6.661	3184062	18.356 ug/ml
5) T A~2-methylnaphthalene...	7.294	3227820	19.490 ug/ml
6) T n-Tetradecane (C14)	8.487	3210244	18.411 ug/ml
7) T n-Hexadecane (C16)	10.094	3297490	18.541 ug/ml
8) T n-Octadecane (C18)	11.536	3325630	18.626 ug/ml
10) T n-Eicosane (C20)	12.845	3191883	18.713 ug/ml
11) T n-Heneicosane (C21)	13.457	3158959	18.672 ug/ml
13) T n-Docosane (C22)	14.043	3112958	18.811 ug/ml
14) T n-Tetracosane (C24)	15.147	3071354	18.984 ug/ml
15) T n-Hexacosane (C26)	16.168	2988954	19.282 ug/ml
16) T n-Octacosane (C28)	17.120	3102505	20.254 ug/ml
17) T n-Tricontane (C30)	18.008	3434986	22.472 ug/ml
18) T n-Dotriacontane (C32)	18.842	3605485	23.093 ug/ml
19) T n-Tetratriacontane (C34)	19.627	3376534	21.789 ug/mlm
20) T n-Hexatriacontane (C36)	20.369	3076301	20.252 ug/ml
21) T n-Octatriacontane (C38)	21.095	2937315	18.803 ug/mlm
22) T n-Tetracontane (C40)	21.979	2950512	18.486 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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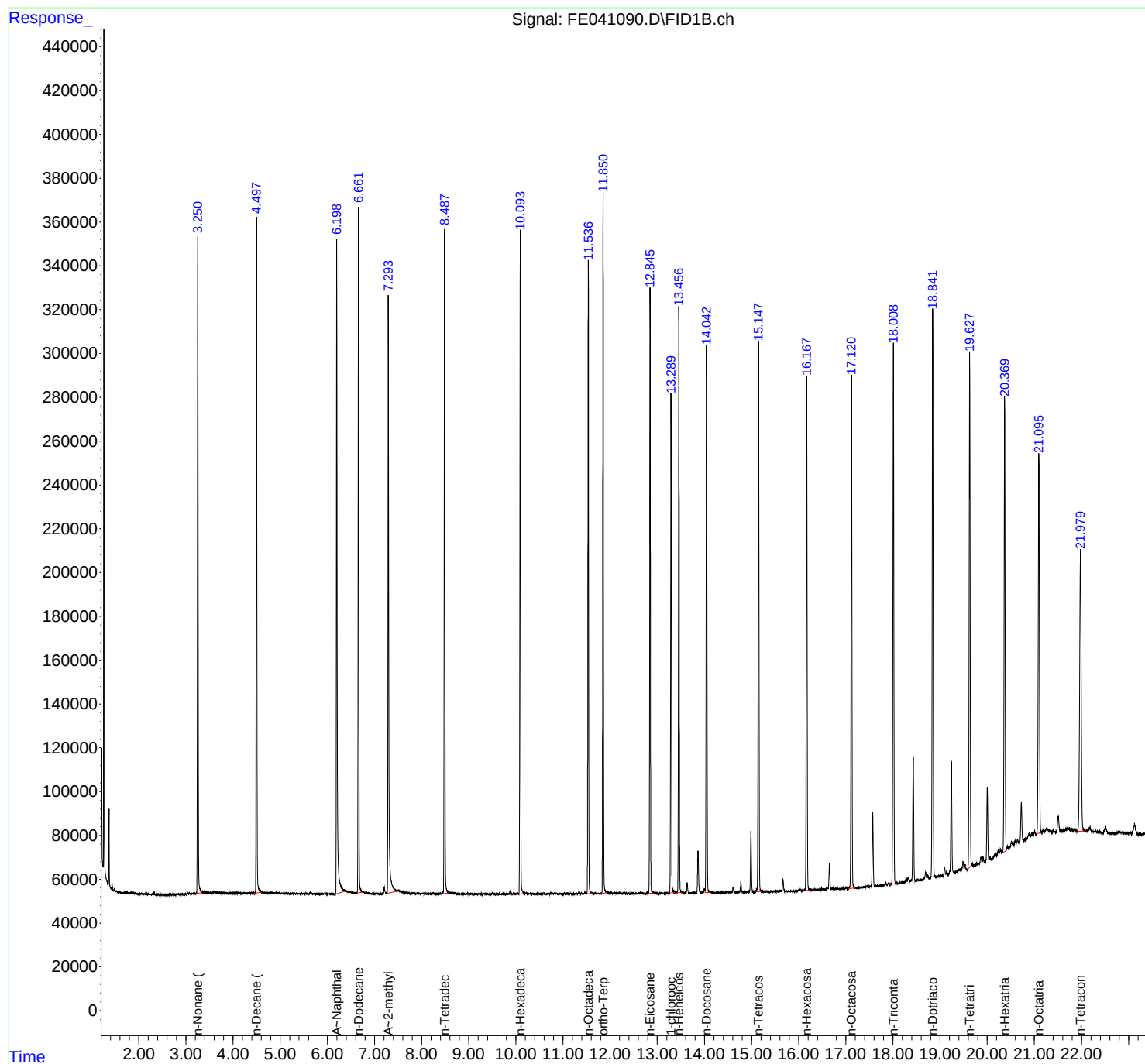
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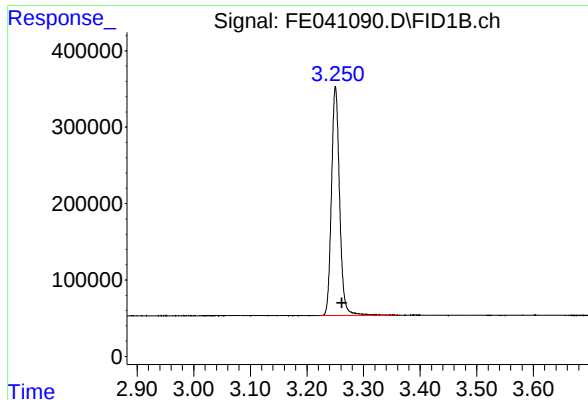
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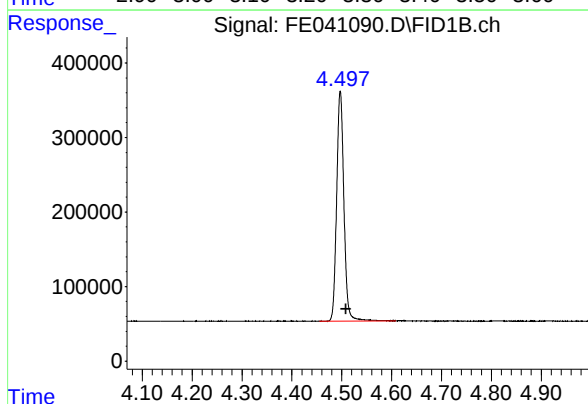
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.011 min
Response: 2997597
Conc: 17.28 ug/ml

Instrument :
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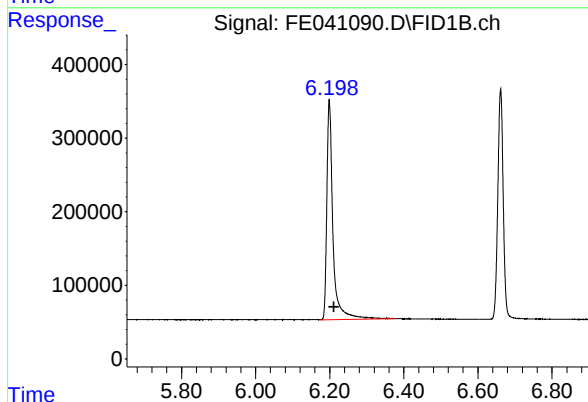
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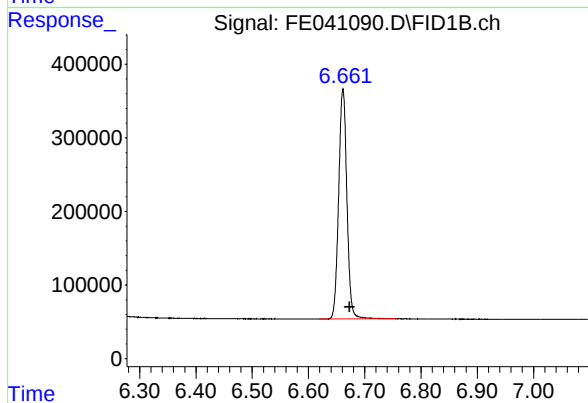
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.012 min
Response: 3117127
Conc: 18.31 ug/ml



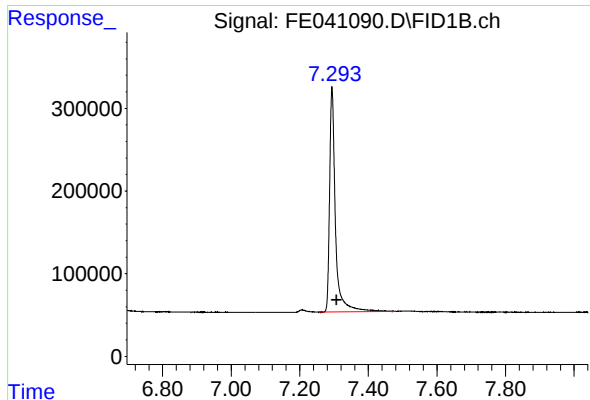
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.013 min
Response: 3424642
Conc: 18.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.012 min
Response: 3184062
Conc: 18.36 ug/ml



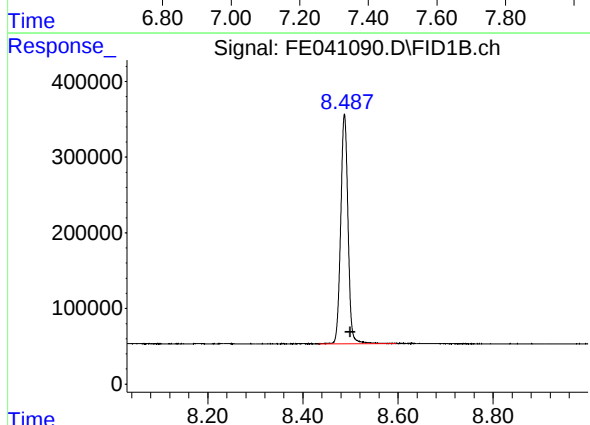
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.013 min
Response: 3227820
Conc: 19.49 ug/ml

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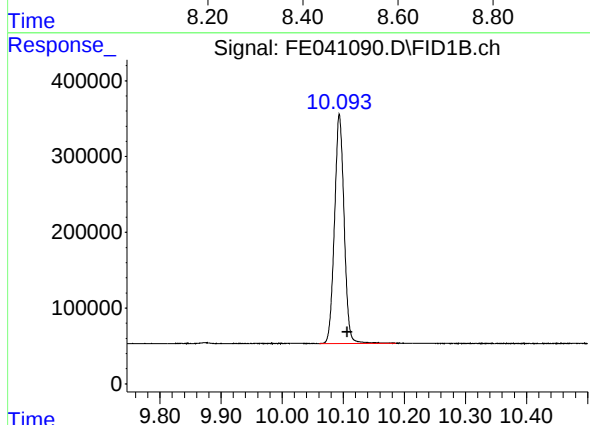
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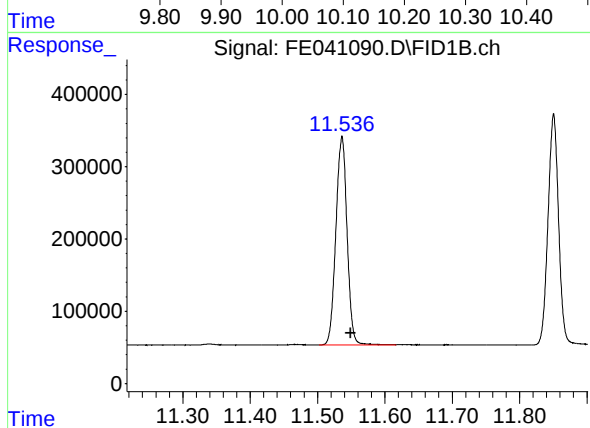
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.013 min
Response: 3210244
Conc: 18.41 ug/ml



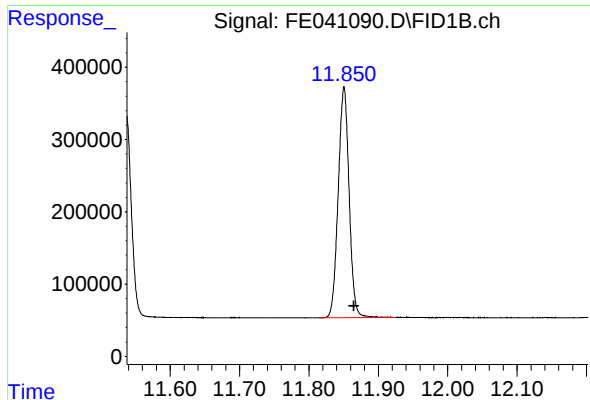
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.013 min
Response: 3297490
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.536 min
Delta R.T.: -0.013 min
Response: 3325630
Conc: 18.63 ug/ml



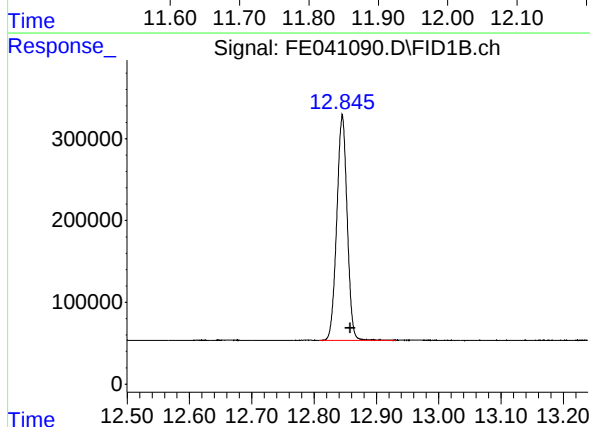
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min
Delta R.T.: -0.014 min
Response: 3484500
Conc: 18.54 ug/ml

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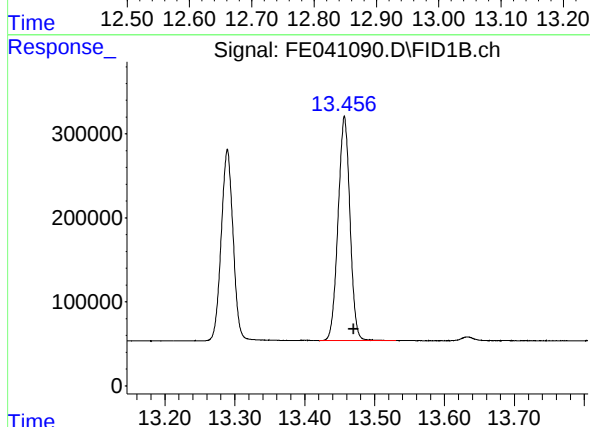
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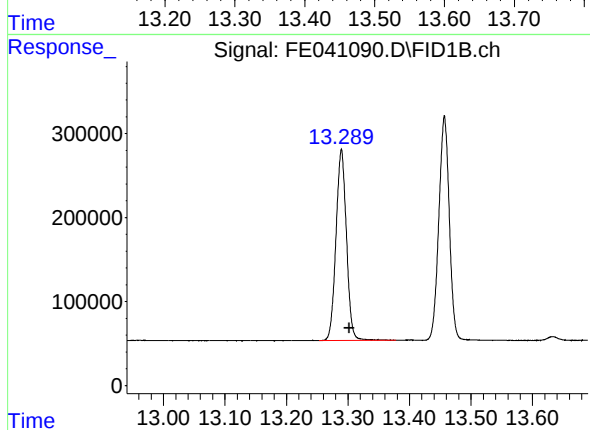
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.013 min
Response: 3191883
Conc: 18.71 ug/ml



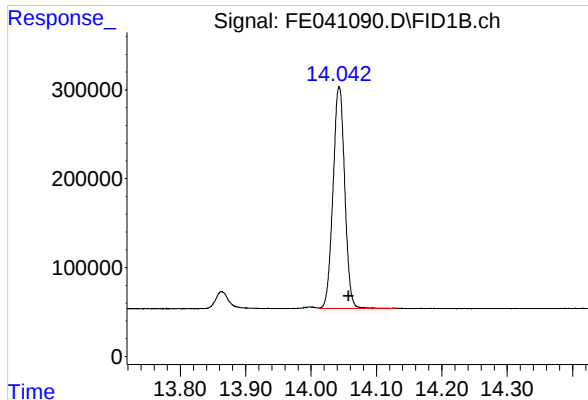
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.013 min
Response: 3158959
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.013 min
Response: 2685405
Conc: 18.66 ug/ml



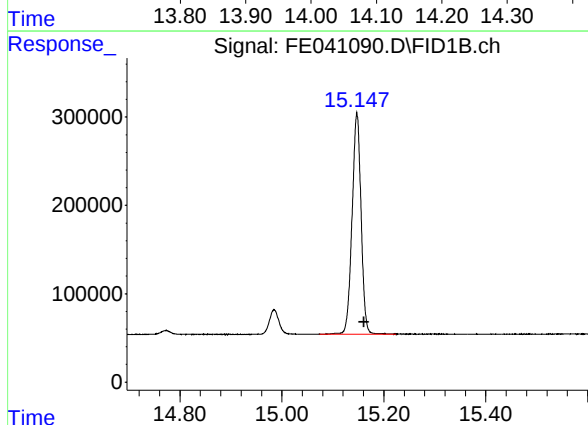
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.014 min
Response: 3112958
Conc: 18.81 ug/ml

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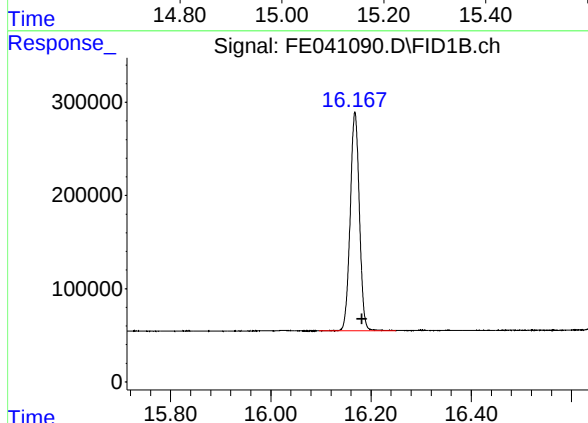
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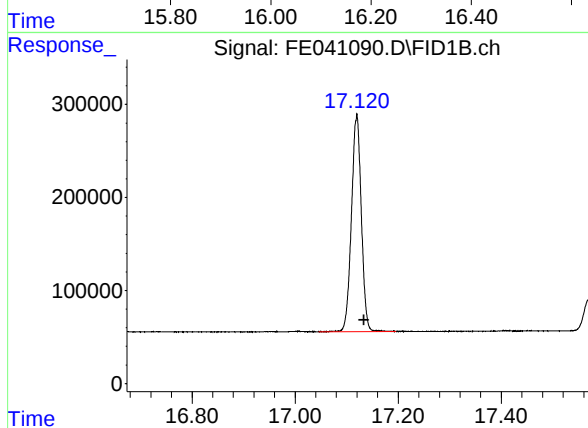
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.014 min
Response: 3071354
Conc: 18.98 ug/ml



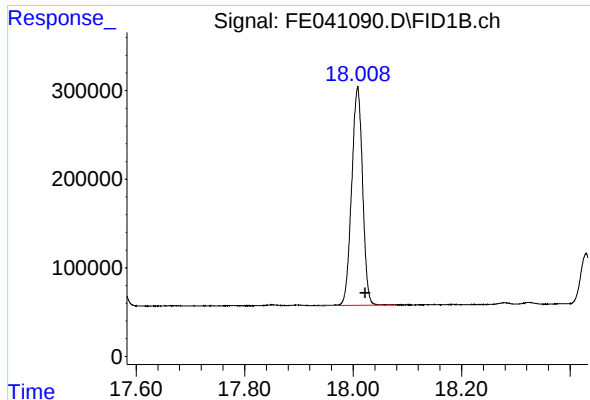
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.014 min
Response: 2988954
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.014 min
Response: 3102505
Conc: 20.25 ug/ml



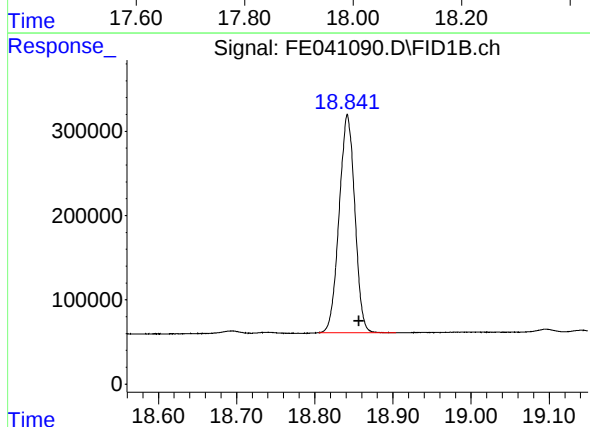
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.014 min
Response: 3434986
Conc: 22.47 ug/ml

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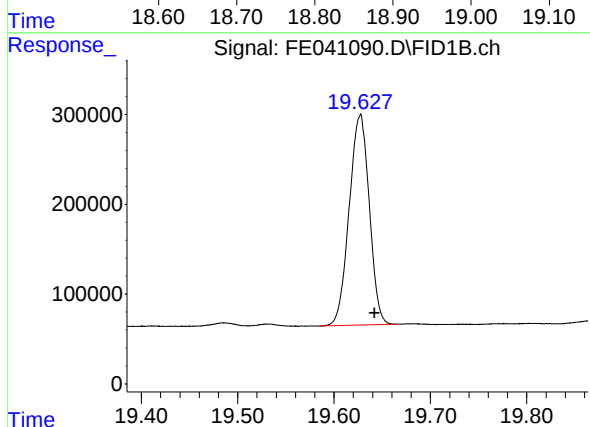
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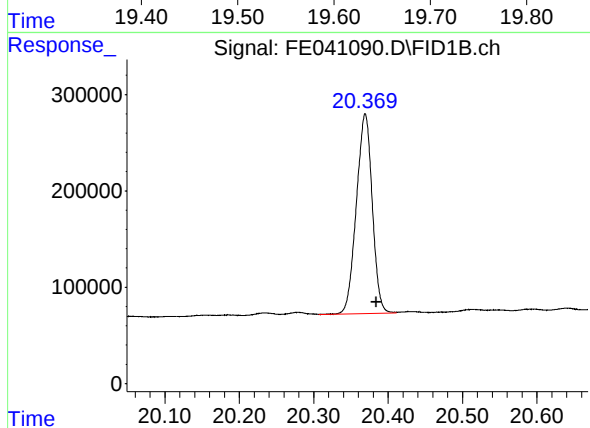
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.015 min
Response: 3605485
Conc: 23.09 ug/ml



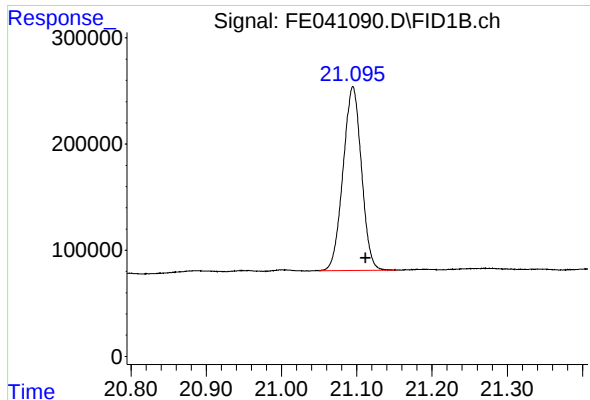
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.015 min
Response: 3376534
Conc: 21.79 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.015 min
Response: 3076301
Conc: 20.25 ug/ml



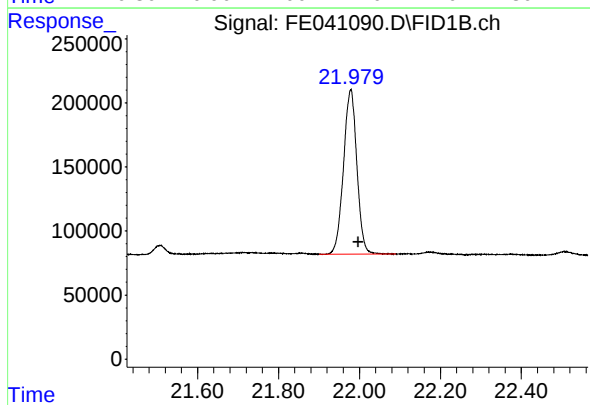
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.017 min
Response: 2937315
Conc: 18.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: -0.019 min
Response: 2950512
Conc: 18.49 ug/ml