

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062923AL\
 Data File : FE042994.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2023 12:16
 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 06/30/2023
 Supervised By :Ankita Jodhani 06/30/2023

Integration File: autoint1.e
 Quant Time: Jun 30 01:20:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.910	3595331	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.347	2660806	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.289	3076559	19.917 ug/ml
2) T n-Decane (C10)	4.541	3149682	19.940 ug/ml
3) T A~Naphthalene (C11.7)	6.250	3388138	20.010 ug/ml
4) T n-Dodecane (C12)	6.711	3196635	19.971 ug/ml
5) T A~2-methylnaphthalene...	7.348	3229785	19.920 ug/ml
6) T n-Tetradecane (C14)	8.541	3186910	20.024 ug/ml
7) T n-Hexadecane (C16)	10.149	3286855	19.957 ug/ml
8) T n-Octadecane (C18)	11.592	3306420	19.892 ug/ml
10) T n-Eicosane (C20)	12.901	3135069	19.757 ug/ml
11) T n-Heneicosane (C21)	13.514	3053817	19.739 ug/ml
13) T n-Docosane (C22)	14.099	2993696	19.653 ug/ml
14) T n-Tetracosane (C24)	15.204	2924964	19.714 ug/ml
15) T n-Hexacosane (C26)	16.224	2833138	19.817 ug/ml
16) T n-Octacosane (C28)	17.173	2809835	20.259 ug/ml
17) T n-Tricontane (C30)	18.061	2975120	21.036 ug/ml
18) T n-Dotriacontane (C32)	18.895	3005991	21.432 ug/ml
19) T n-Tetratriacontane (C34)	19.678	2922235	21.354 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2836655	21.211 ug/mlm
21) T n-Octatriacontane (C38)	21.158	2846969	20.881 ug/ml
22) T n-Tetracontane (C40)	22.075	3100706	22.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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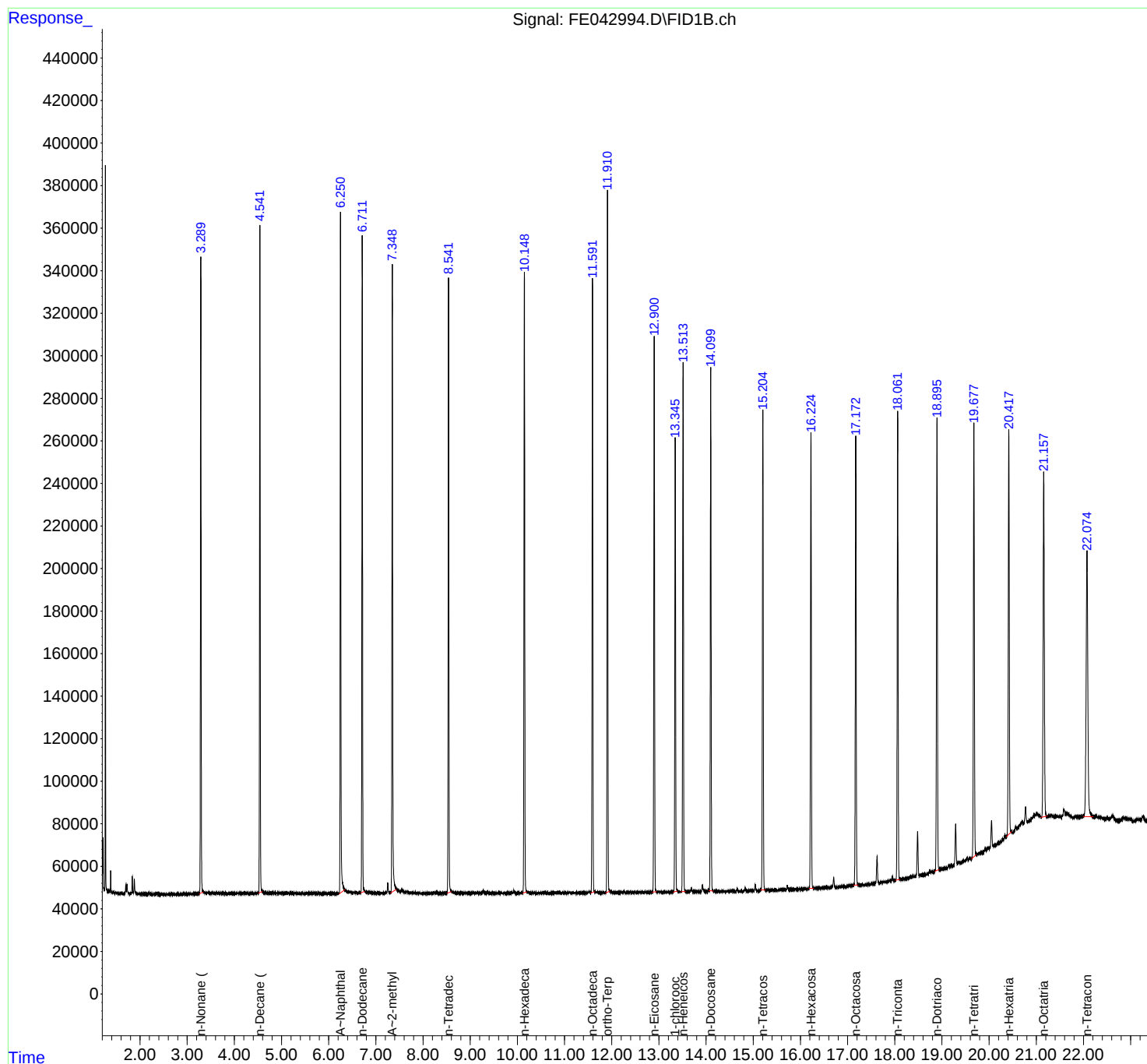
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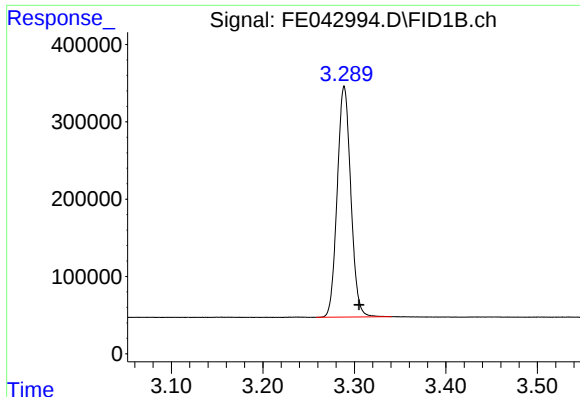
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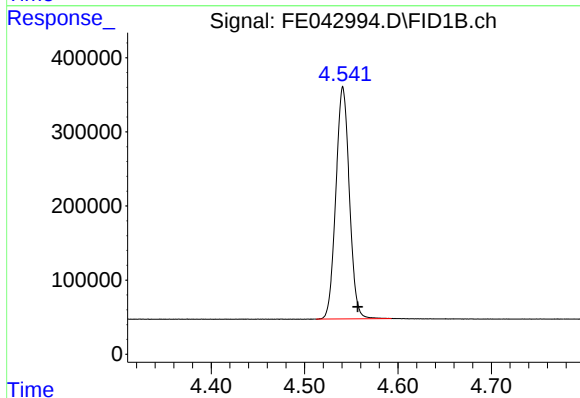
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.016 min
Response: 3076559
Conc: 19.92 ug/ml

Instrument :
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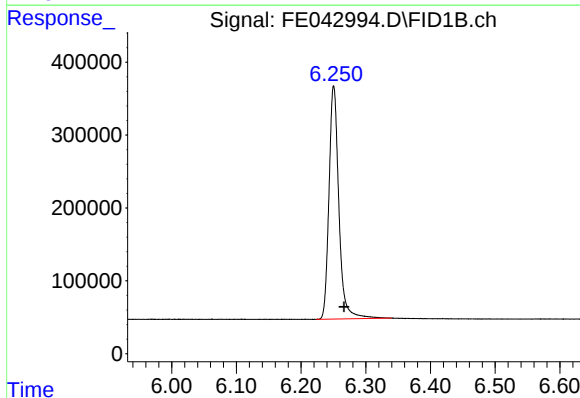
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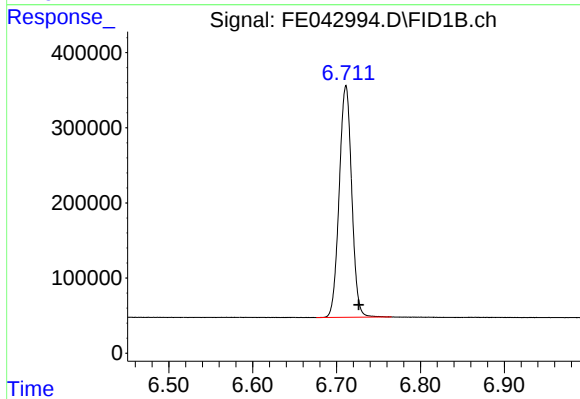
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.016 min
Response: 3149682
Conc: 19.94 ug/ml



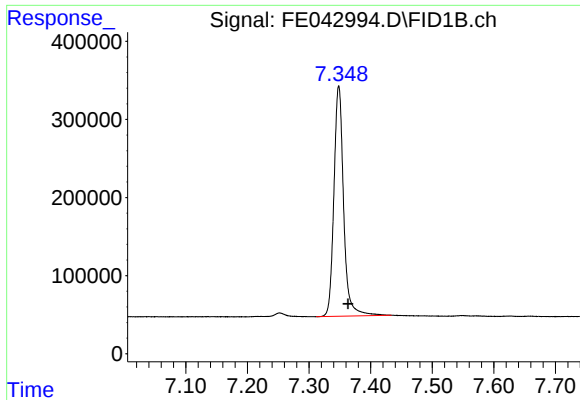
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.016 min
Response: 3388138
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.711 min
Delta R.T.: -0.015 min
Response: 3196635
Conc: 19.97 ug/ml



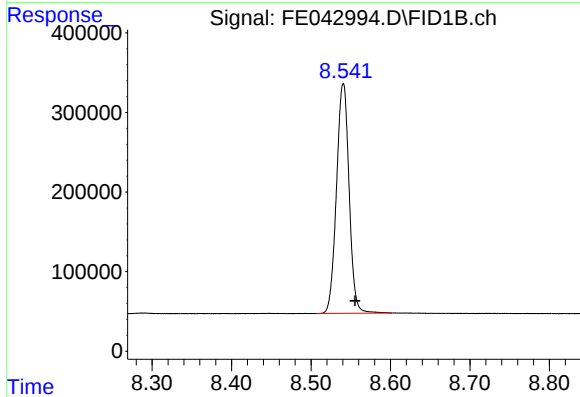
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.348 min
Delta R.T.: -0.015 min
Response: 3229785
Conc: 19.92 ug/ml

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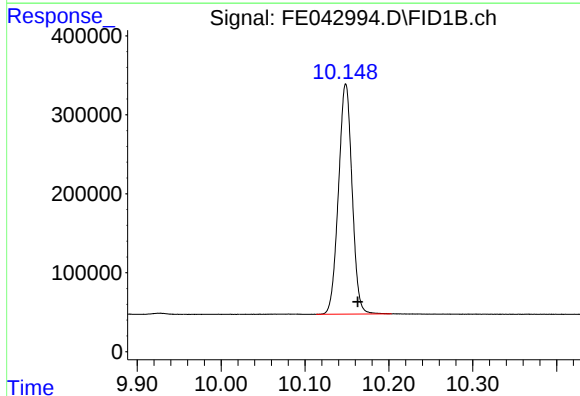
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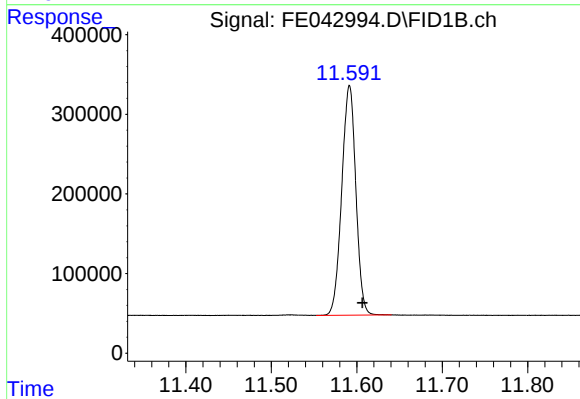
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.015 min
Response: 3186910
Conc: 20.02 ug/ml



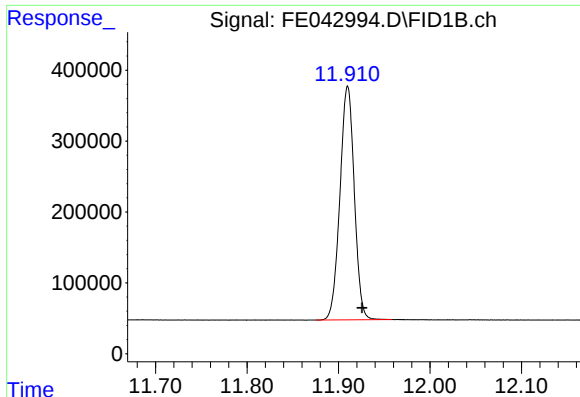
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.014 min
Response: 3286855
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.015 min
Response: 3306420
Conc: 19.89 ug/ml



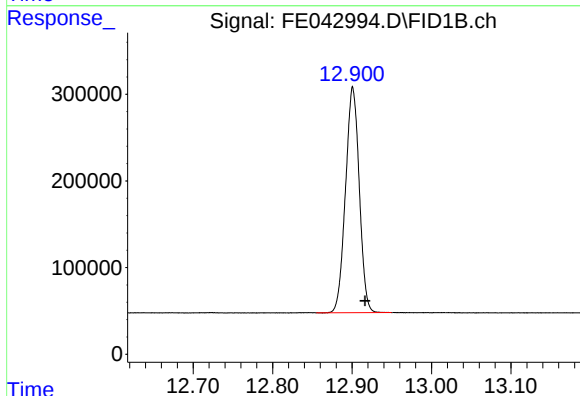
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.016 min
Response: 3595331
Conc: 19.57 ug/ml

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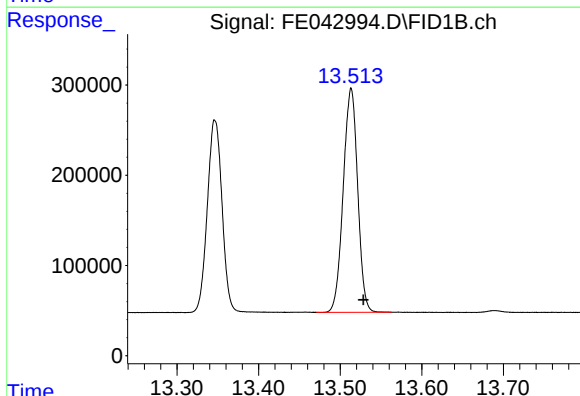
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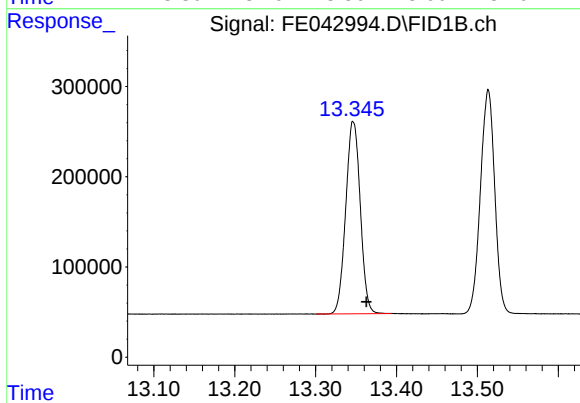
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.015 min
Response: 3135069
Conc: 19.76 ug/ml



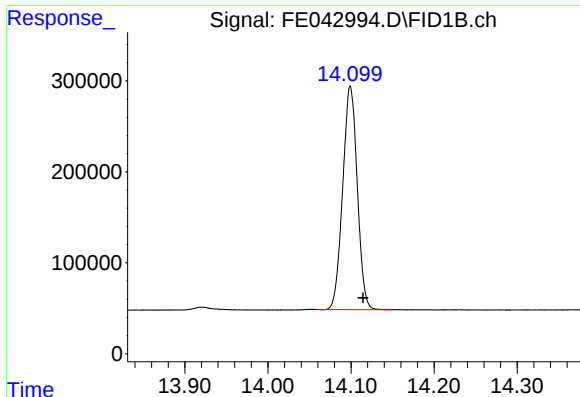
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: -0.015 min
Response: 3053817
Conc: 19.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.347 min
Delta R.T.: -0.016 min
Response: 2660806
Conc: 19.55 ug/ml



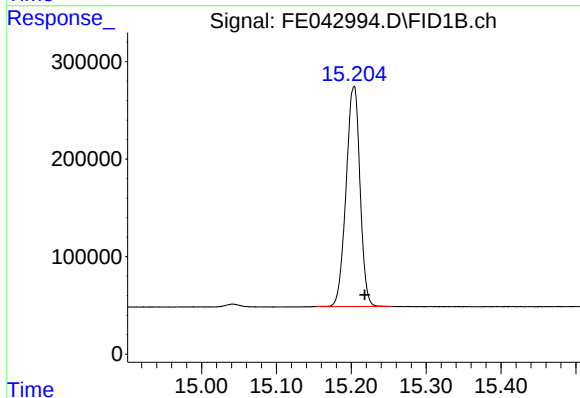
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.015 min
Response: 2993696
Conc: 19.65 ug/ml

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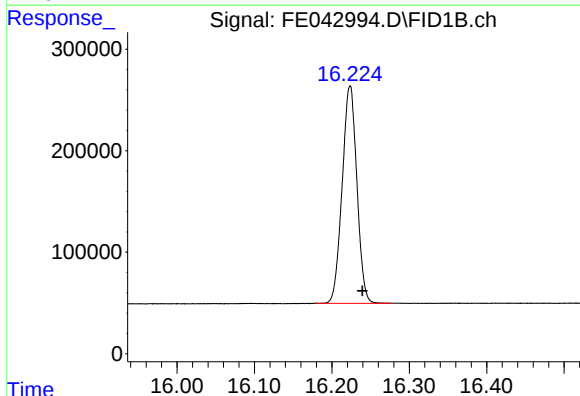
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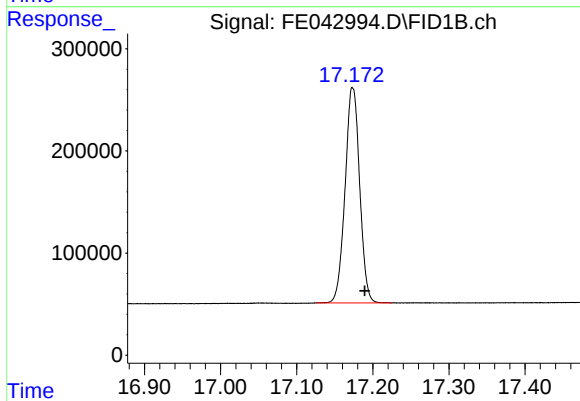
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.014 min
Response: 2924964
Conc: 19.71 ug/ml



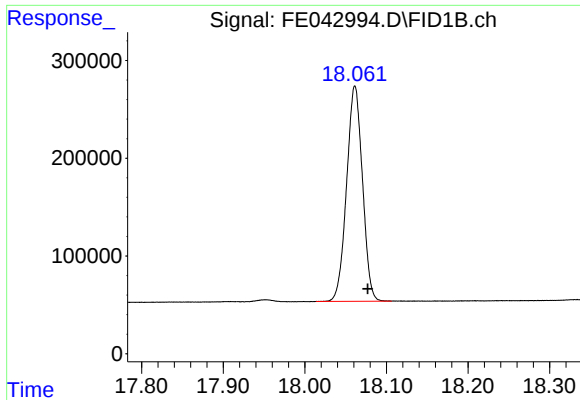
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.016 min
Response: 2833138
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.016 min
Response: 2809835
Conc: 20.26 ug/ml



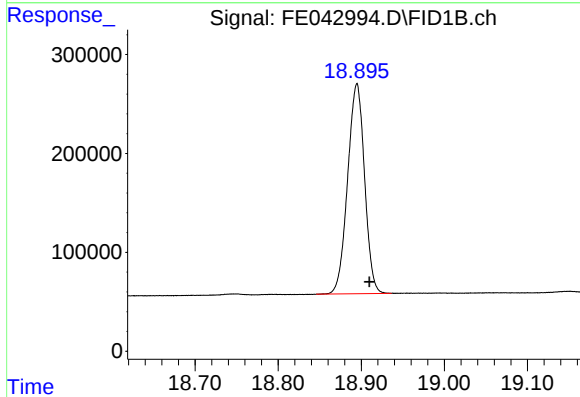
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.016 min
Response: 2975120
Conc: 21.04 ug/ml

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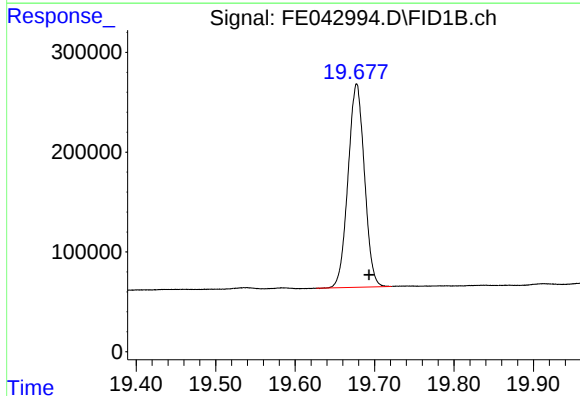
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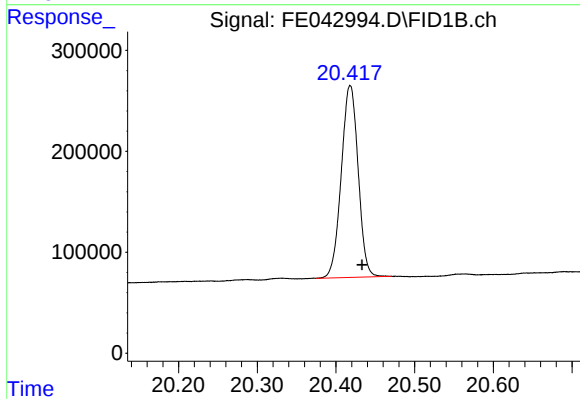
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.015 min
Response: 3005991
Conc: 21.43 ug/ml



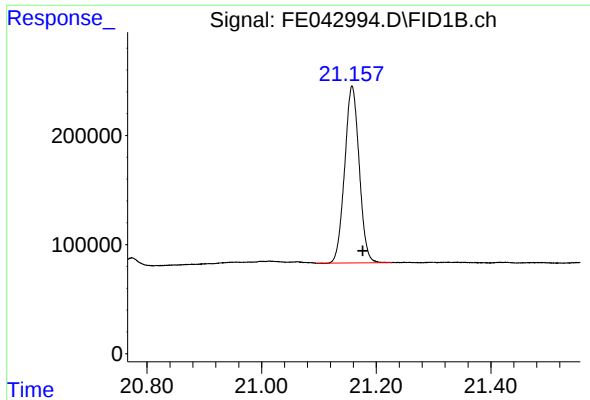
#19 n-Tetratriacontane (C34)

R.T.: 19.678 min
Delta R.T.: -0.016 min
Response: 2922235
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: -0.016 min
Response: 2836655
Conc: 21.21 ug/ml m



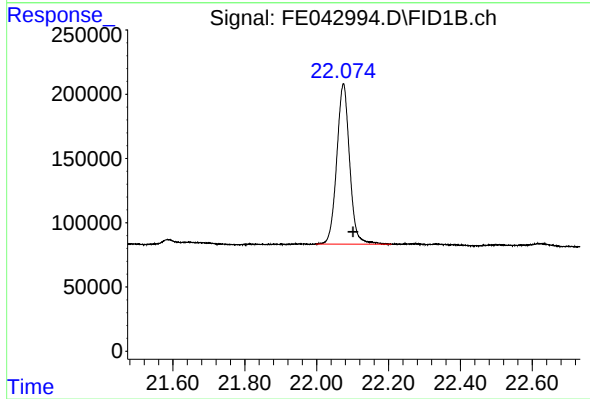
#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.019 min
Response: 2846969
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.027 min
Response: 3100706
Conc: 22.29 ug/ml