

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038444.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2022 09:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Oct 31 09:47:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.969	3516785	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	13.401	2694397	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.367	3361876	21.829 ug/ml
2) T n-Decane (C10)	4.614	3384166	21.802 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3583324	21.159 ug/ml
4) T n-Dodecane (C12)	6.776	3388229	21.689 ug/ml
5) T A~2-methylnaphthalene...	7.410	3476074	20.742 ug/ml
6) T n-Tetradecane (C14)	8.601	3352469	21.437 ug/ml
7) T n-Hexadecane (C16)	10.207	3348081	21.192 ug/ml
8) T n-Octadecane (C18)	11.649	3337302	20.835 ug/ml
10) T n-Eicosane (C20)	12.957	3283633	20.379 ug/ml
11) T n-Heneicosane (C21)	13.568	3257106	20.164 ug/ml
13) T n-Docosane (C22)	14.154	3238552	20.060 ug/ml
14) T n-Tetracosane (C24)	15.255	3149523	19.636 ug/ml
15) T n-Hexacosane (C26)	16.275	3073797	19.352 ug/ml
16) T n-Octacosane (C28)	17.224	3001680	19.132 ug/ml
17) T n-Tricontane (C30)	18.109	2997552	18.787 ug/ml
18) T n-Dotriacontane (C32)	18.941	3048397	19.334 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2918309	19.795 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	2937560	20.559 ug/ml
21) T n-Octatriacontane (C38)	21.204	2851861	21.115 ug/ml
22) T n-Tetracontane (C40)	22.129	2948221	23.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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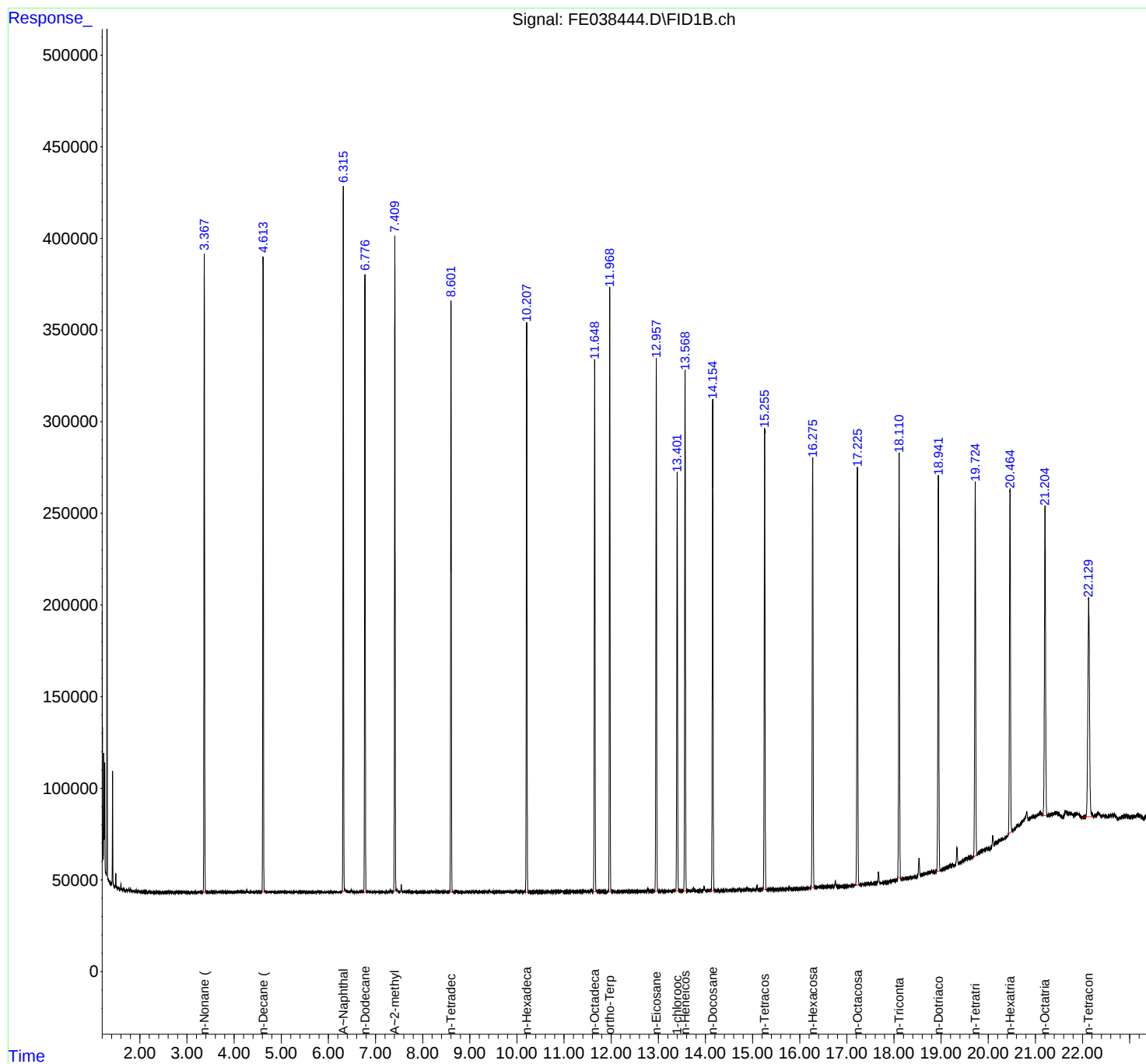
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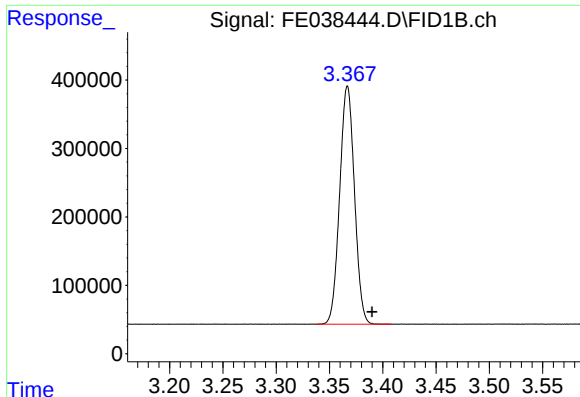
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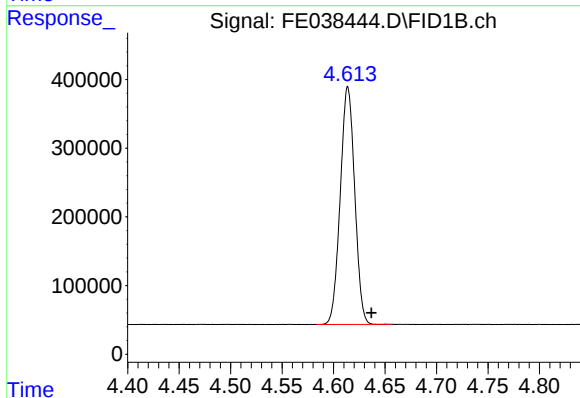
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.023 min
Response: 3361876
Conc: 21.83 ug/ml

Instrument :
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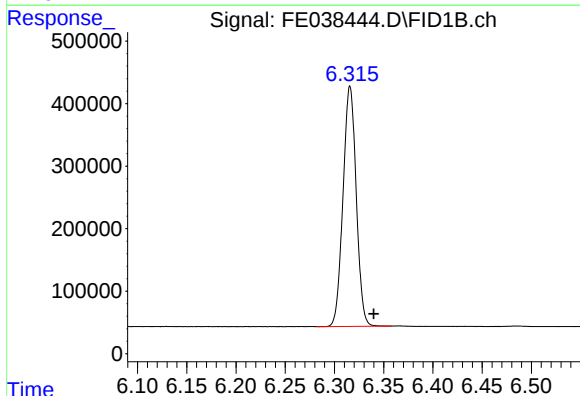
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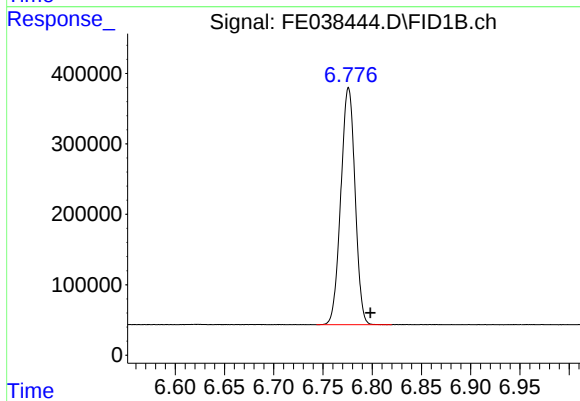
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.023 min
Response: 3384166
Conc: 21.80 ug/ml



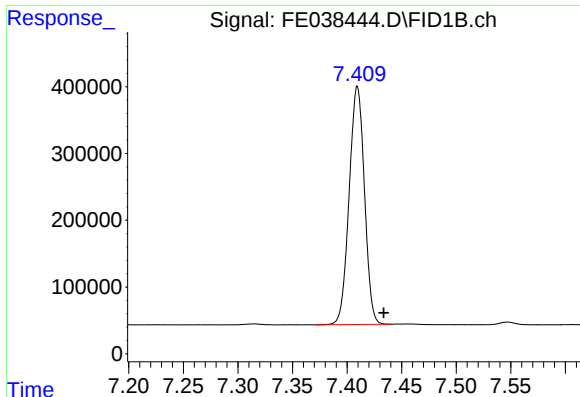
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.024 min
Response: 3583324
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: -0.022 min
Response: 3388229
Conc: 21.69 ug/ml



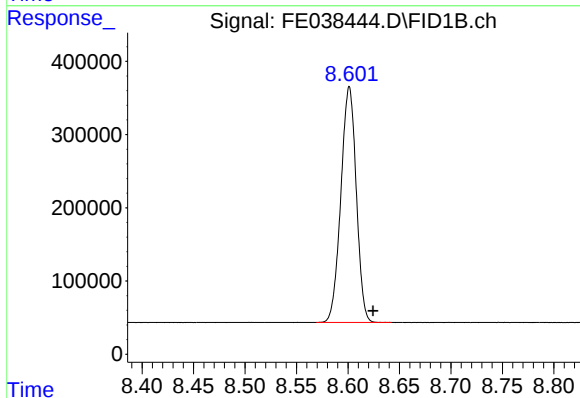
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: -0.024 min
Response: 3476074
Conc: 20.74 ug/ml

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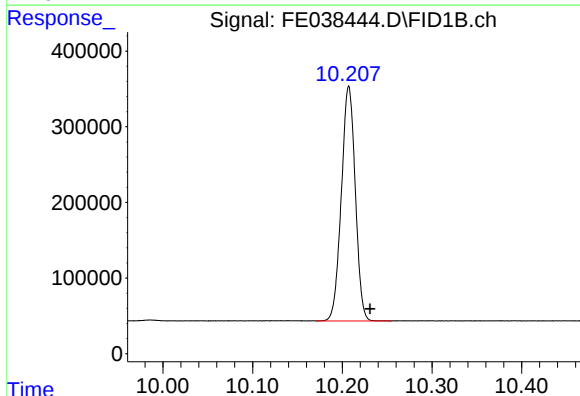
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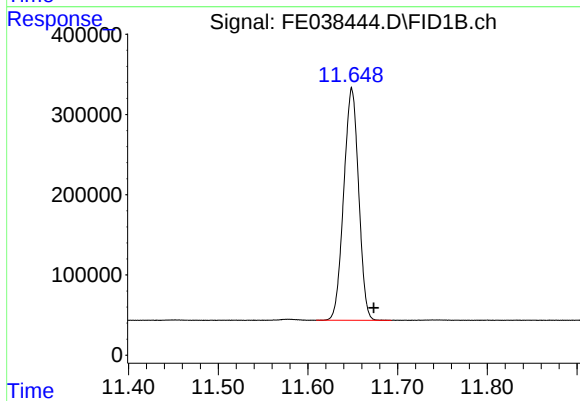
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.023 min
Response: 3352469
Conc: 21.44 ug/ml



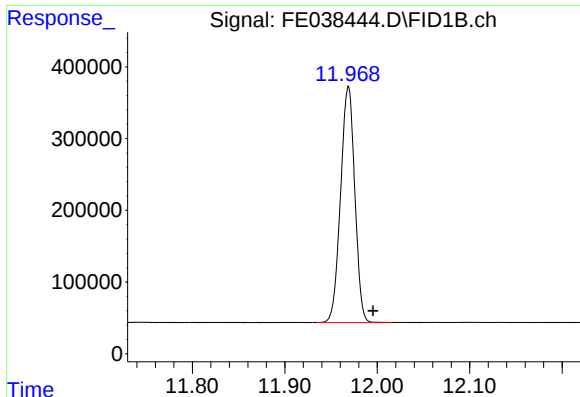
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.024 min
Response: 3348081
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.024 min
Response: 3337302
Conc: 20.83 ug/ml



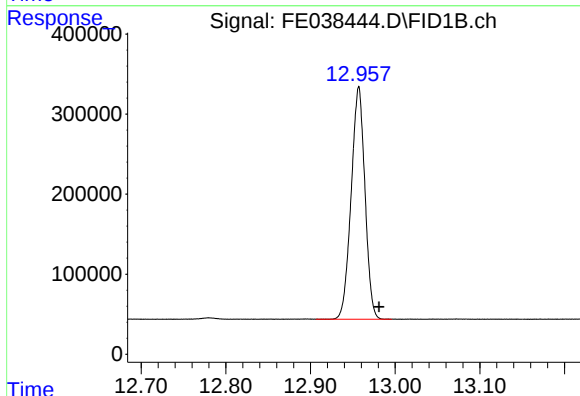
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.027 min
Response: 3516785
Conc: 20.44 ug/ml

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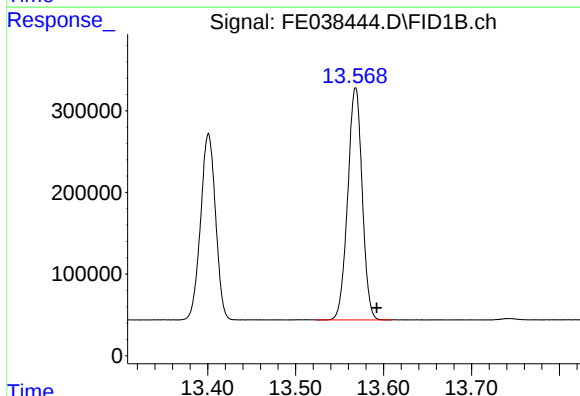
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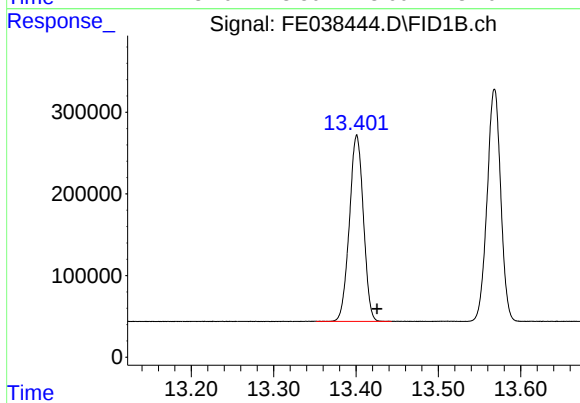
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.024 min
Response: 3283633
Conc: 20.38 ug/ml



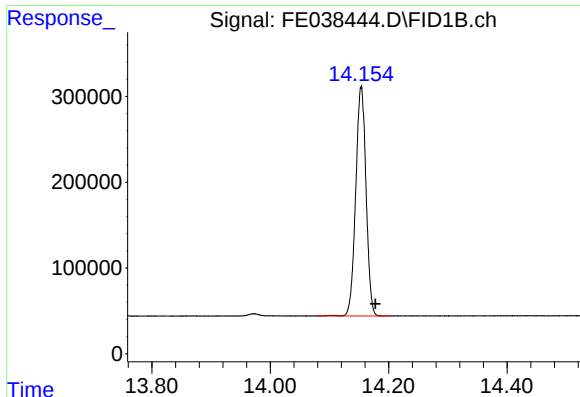
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.024 min
Response: 3257106
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.401 min
Delta R.T.: -0.025 min
Response: 2694397
Conc: 19.68 ug/ml



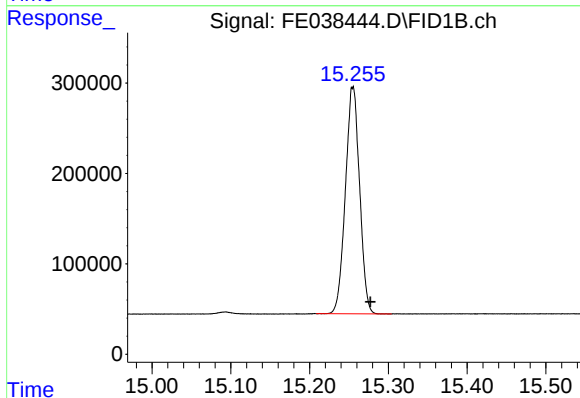
#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: -0.024 min
Response: 3238552
Conc: 20.06 ug/ml

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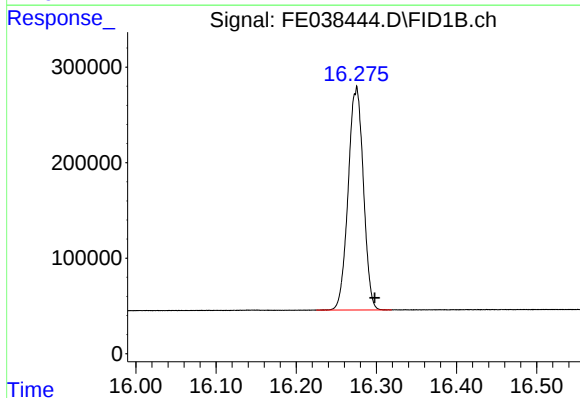
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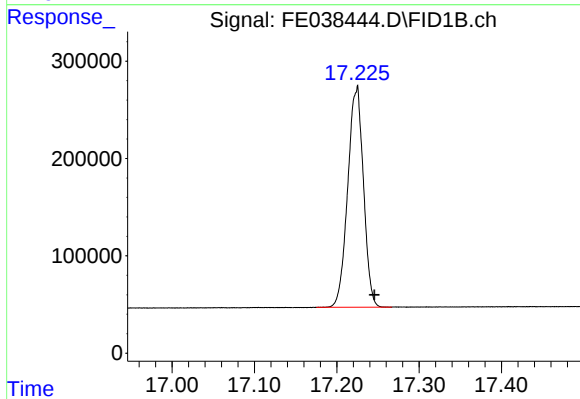
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.022 min
Response: 3149523
Conc: 19.64 ug/ml



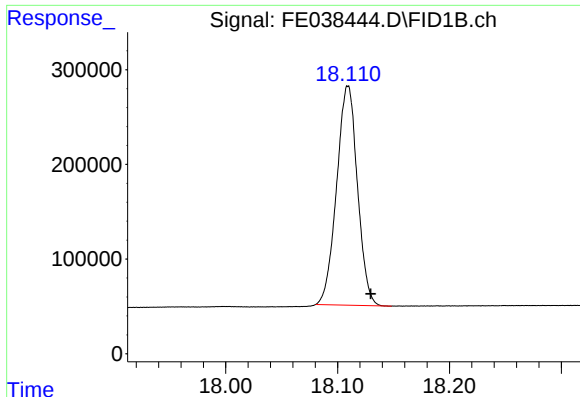
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.023 min
Response: 3073797
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.021 min
Response: 3001680
Conc: 19.13 ug/ml



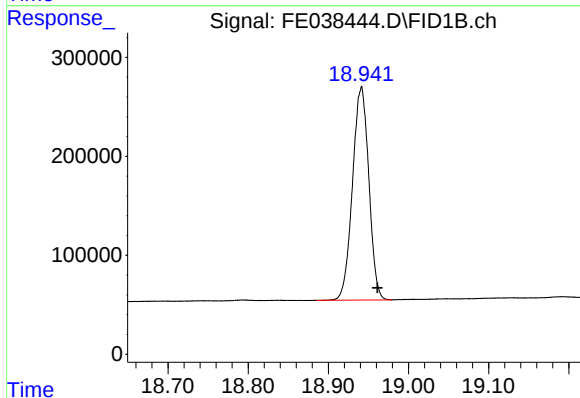
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.020 min
Response: 2997552
Conc: 18.79 ug/ml

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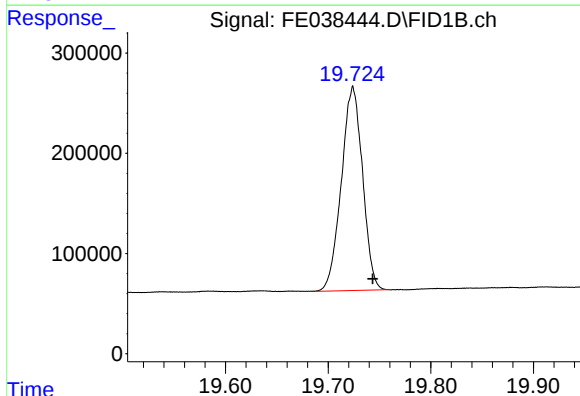
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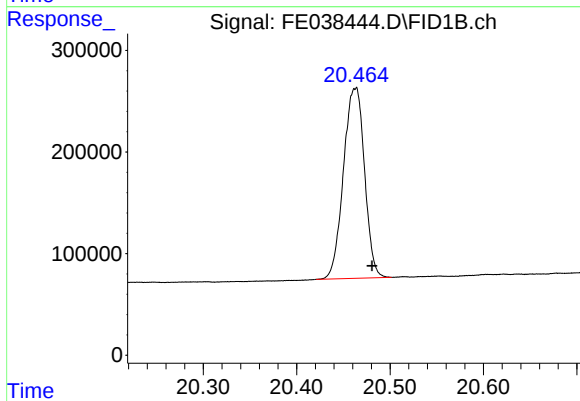
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.020 min
Response: 3048397
Conc: 19.33 ug/ml



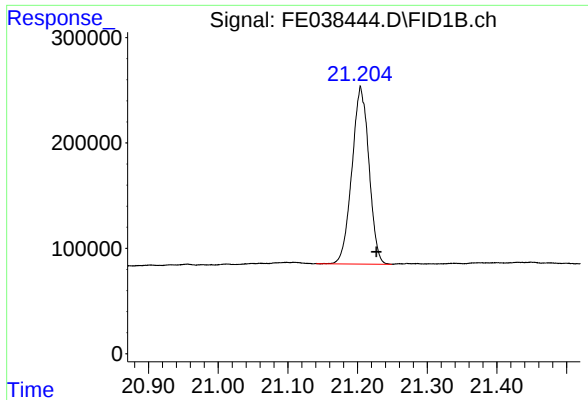
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 2918309
Conc: 19.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.018 min
Response: 2937560
Conc: 20.56 ug/ml



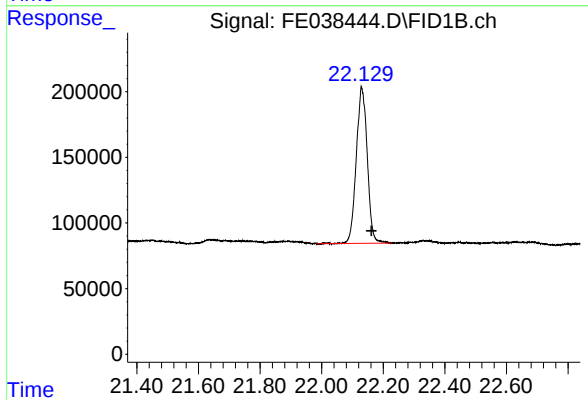
#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.023 min
Response: 2851861
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.033 min
Response: 2948221
Conc: 23.36 ug/ml