

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036257.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 12:34
 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 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 01:55:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.874	3620046	18.119 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	13.312	2825636	18.251 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T n-Nonane (C9)	3.264	3212745	17.862 ug/ml
2) T n-Decane (C10)	4.519	3293865	18.324 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3684693	18.365 ug/ml
4) T n-Dodecane (C12)	6.686	3399357	18.353 ug/ml
5) T A~2-methylnaphthalene...	7.315	3736407	18.354 ug/ml
6) T n-Tetradecane (C14)	8.513	3431495	18.355 ug/ml
7) T n-Hexadecane (C16)	10.119	3439567	18.367 ug/ml
8) T n-Octadecane (C18)	11.560	3416394	18.363 ug/ml
10) T n-Eicosane (C20)	12.868	3328601	18.374 ug/ml
11) T n-Heneicosane (C21)	13.480	3274959	18.232 ug/ml
13) T n-Docosane (C22)	14.066	3284259	18.576 ug/ml
14) T n-Tetracosane (C24)	15.168	3312447	19.340 ug/ml
15) T n-Hexacosane (C26)	16.190	3312853	20.051 ug/ml
16) T n-Octacosane (C28)	17.139	3312658	20.694 ug/ml
17) T n-Tricontane (C30)	18.027	3315451	21.415 ug/ml
18) T n-Dotriacontane (C32)	18.859	3191586	21.840 ug/ml
19) T n-Tetratriacontane (C34)	19.642	2945865	21.288 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2671201	19.898 ug/ml
21) T n-Octatriacontane (C38)	21.115	2532429	19.042 ug/mlm
22) T n-Tetracontane (C40)	22.007	2799536	20.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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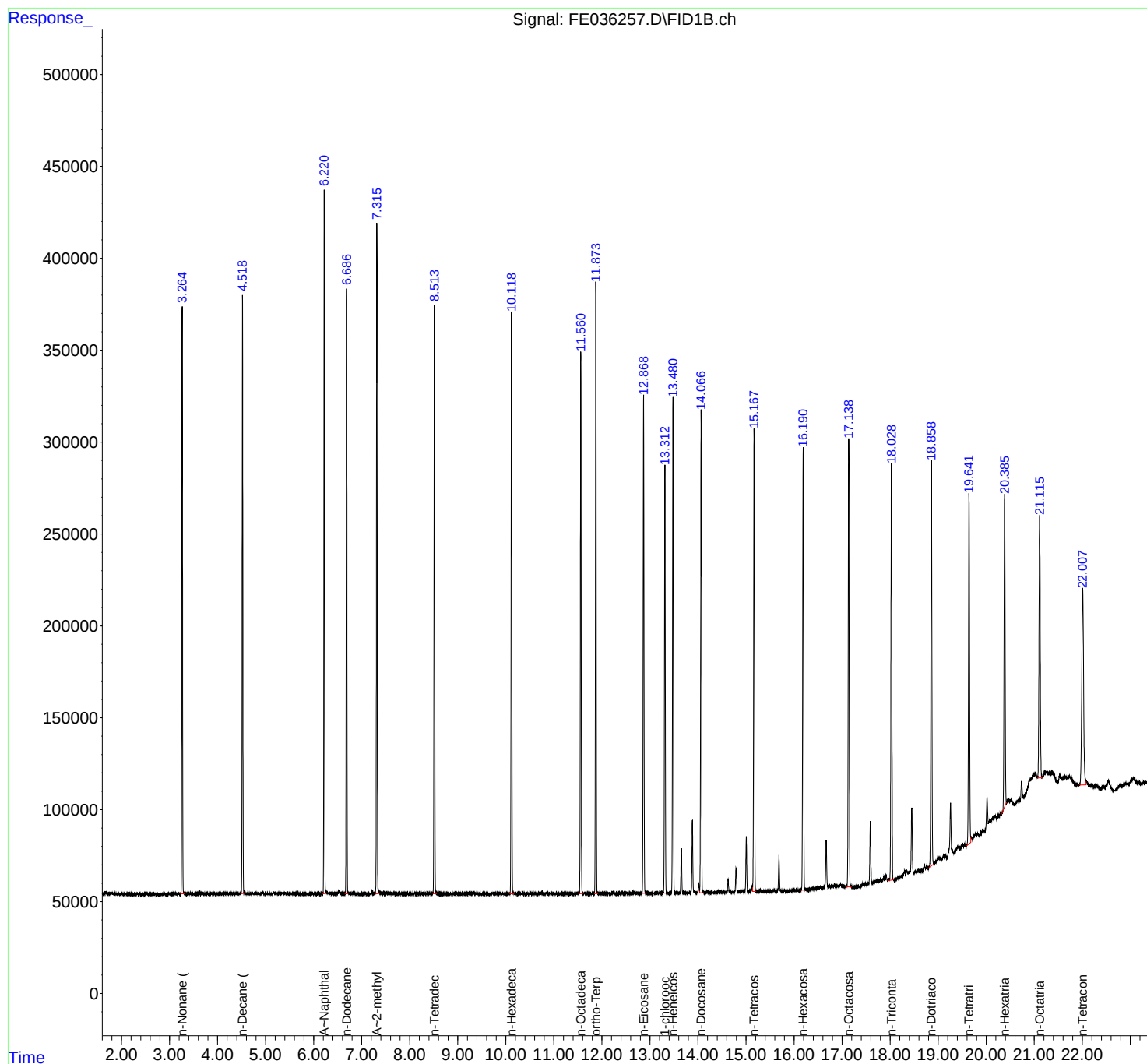
Instrument :
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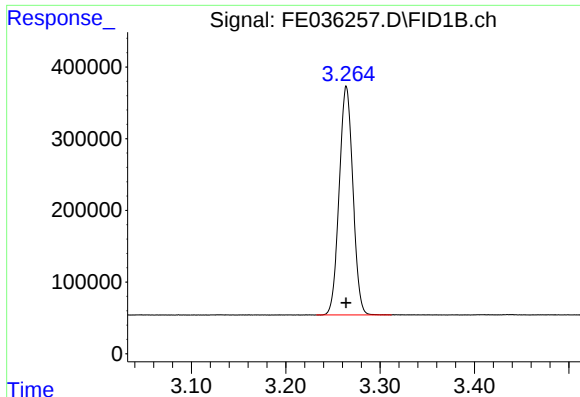
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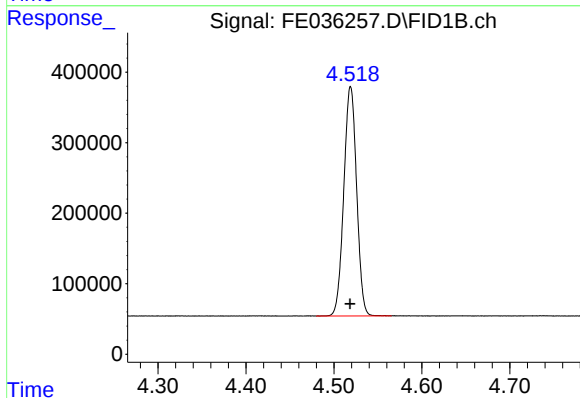
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 3212745
Conc: 17.86 ug/ml

Instrument : FID_E
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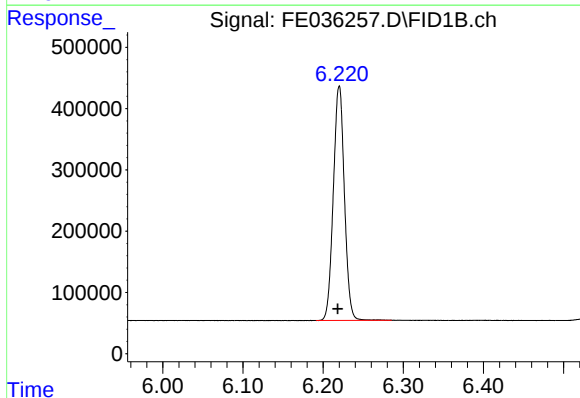
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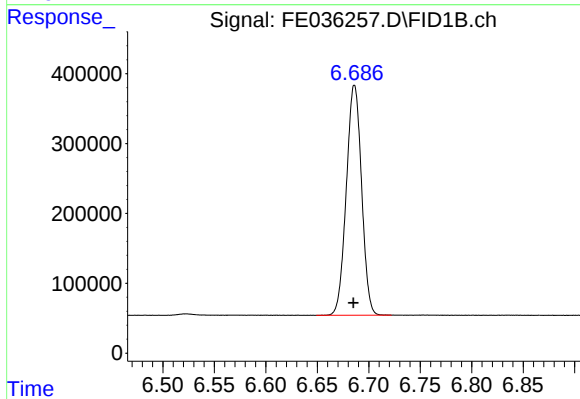
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 3293865
Conc: 18.32 ug/ml



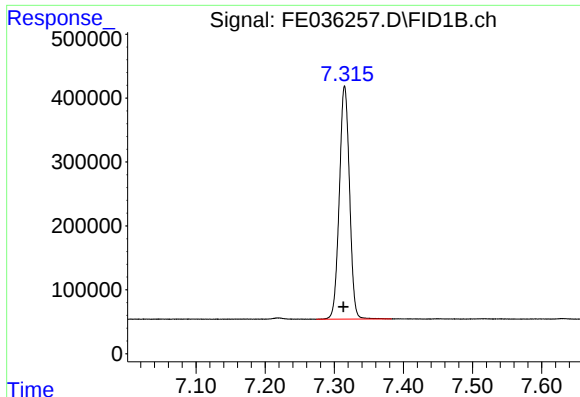
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: 0.002 min
Response: 3684693
Conc: 18.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 3399357
Conc: 18.35 ug/ml



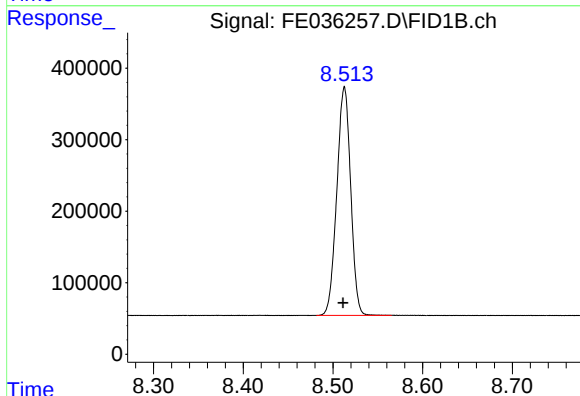
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 3736407
Conc: 18.35 ug/ml

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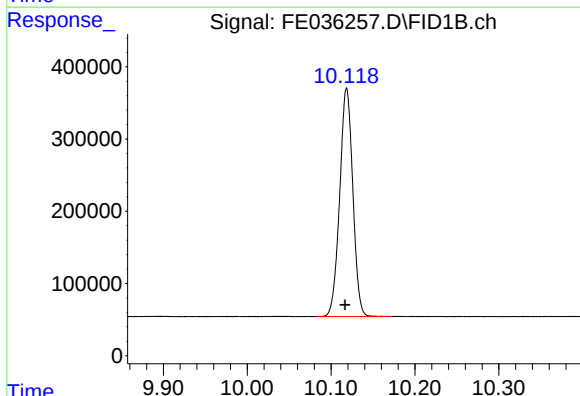
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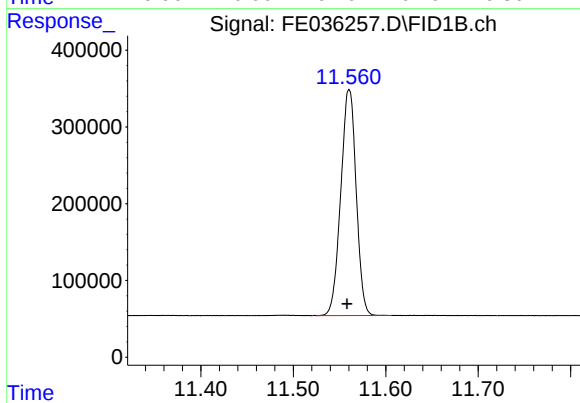
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 3431495
Conc: 18.35 ug/ml



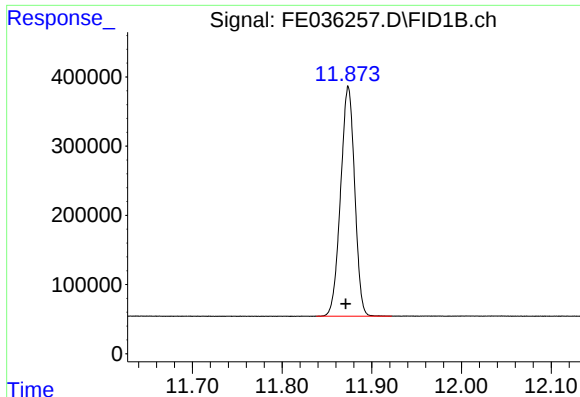
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: 0.002 min
Response: 3439567
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 3416394
Conc: 18.36 ug/ml



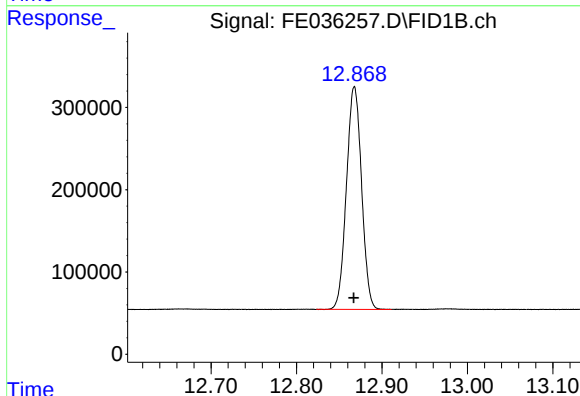
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 3620046
Conc: 18.12 ug/ml

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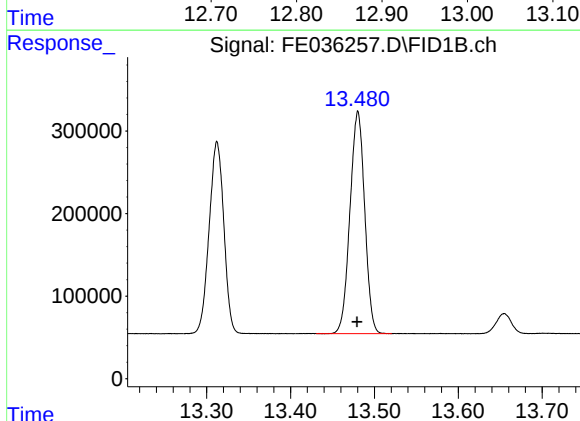
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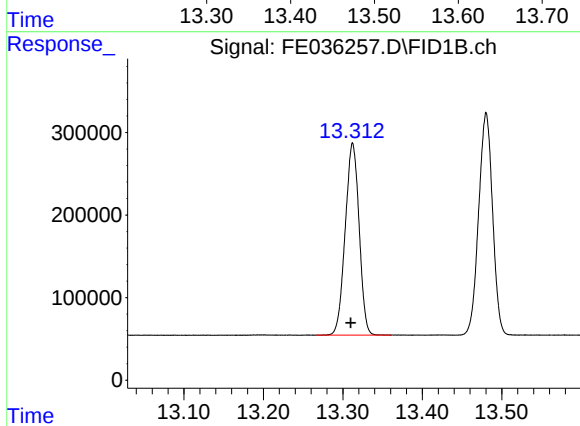
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 3328601
Conc: 18.37 ug/ml



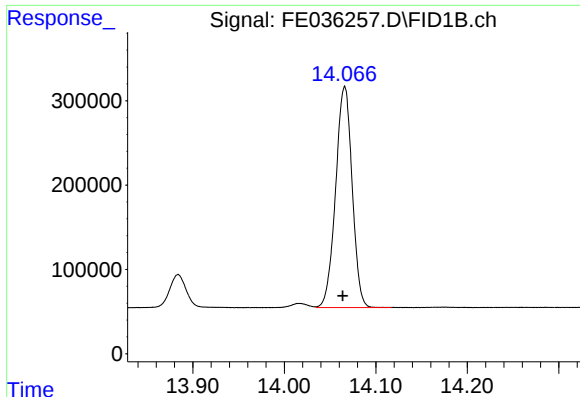
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.001 min
Response: 3274959
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.003 min
Response: 2825636
Conc: 18.25 ug/ml



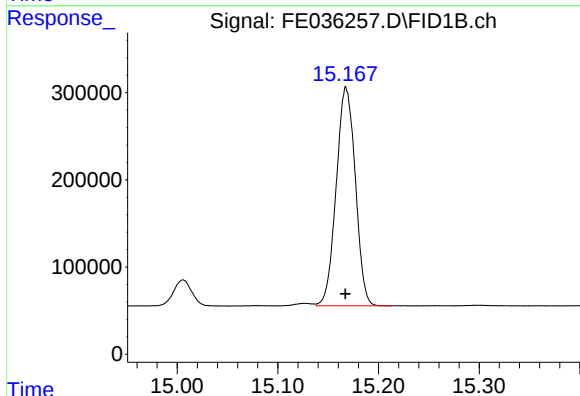
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 3284259
Conc: 18.58 ug/ml

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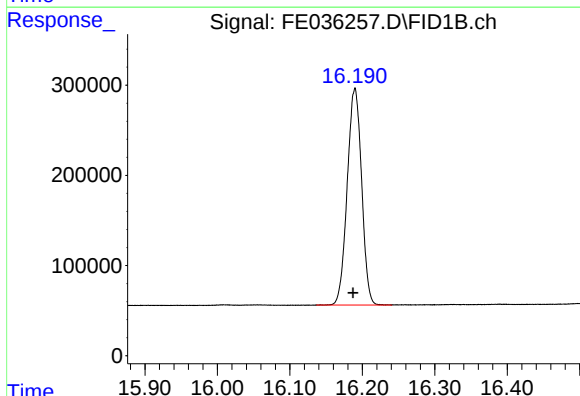
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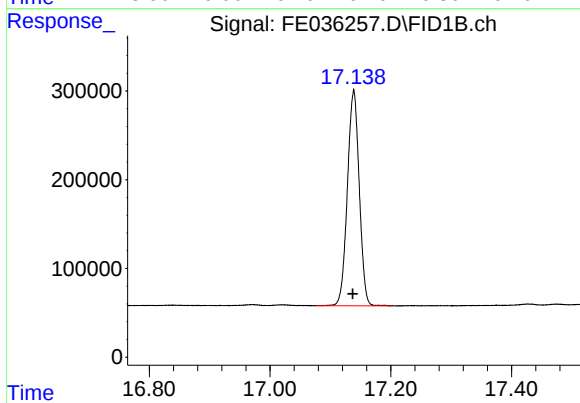
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.000 min
Response: 3312447
Conc: 19.34 ug/ml



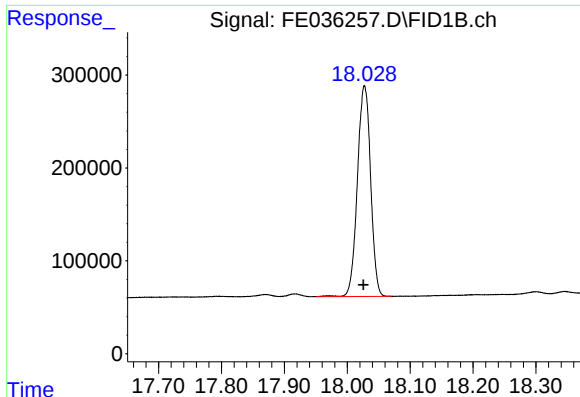
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.002 min
Response: 3312853
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.002 min
Response: 3312658
Conc: 20.69 ug/ml



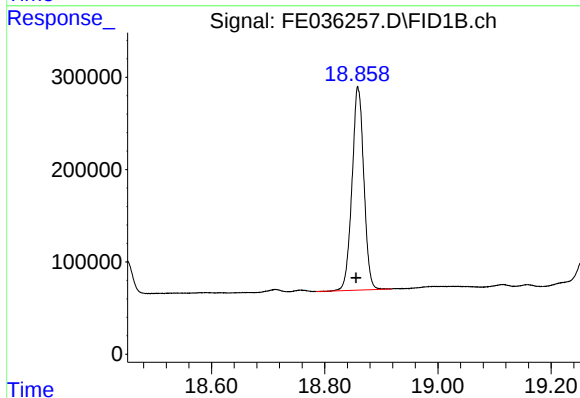
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.002 min
Response: 3315451
Conc: 21.41 ug/ml

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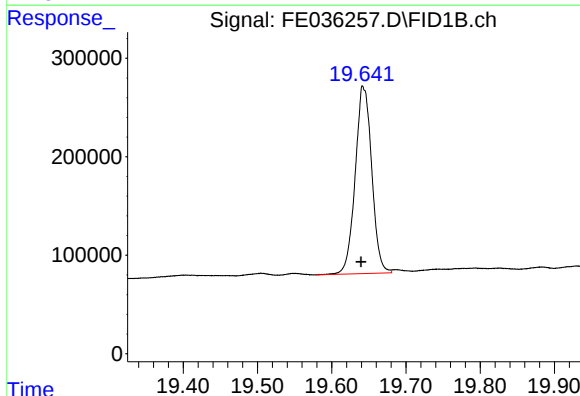
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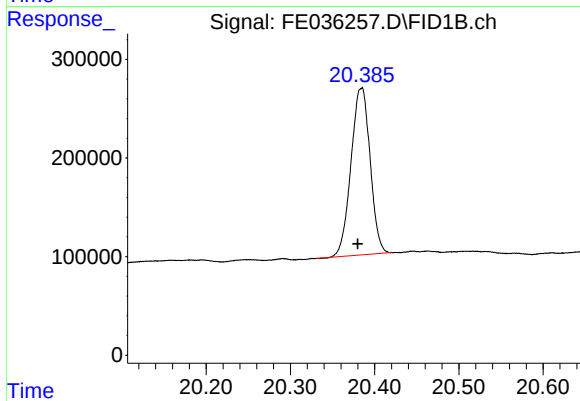
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: 0.003 min
Response: 3191586
Conc: 21.84 ug/ml



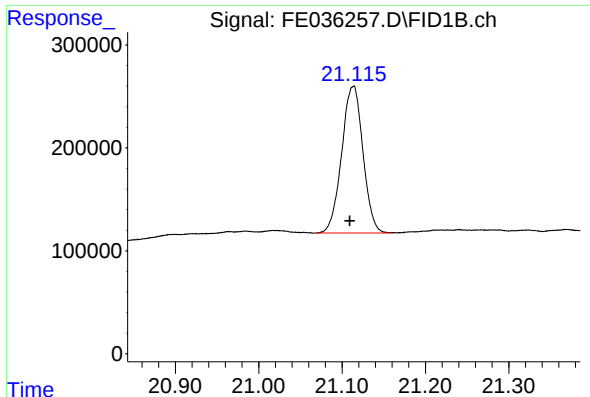
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.003 min
Response: 2945865
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.005 min
Response: 2671201
Conc: 19.90 ug/ml



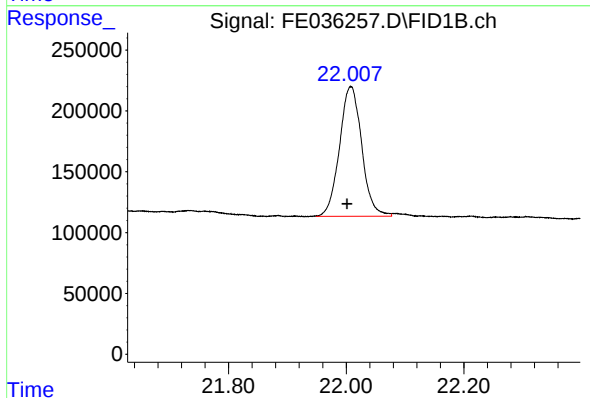
#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.005 min
Response: 2532429
Conc: 19.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.005 min
Response: 2799536
Conc: 20.02 ug/ml m