

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081522AL\
 Data File : FE037061.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2022 16:45
 Operator : YP\AJ
 Sample : N4200-16MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Ankita Jodhani 08/16/2022

Integration File: sample.E
 Quant Time: Aug 16 02:56:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.820	6064182	32.969 ug/ml
Spiked Amount 50.000		Recovery =	65.94%
12) S 1-chlorooctadecane (S...	13.258	4891774	33.517 ug/ml
Spiked Amount 50.000		Recovery =	67.03%
Target Compounds			
1) T n-Nonane (C9)	3.216	4139421	26.932 ug/ml
2) T n-Decane (C10)	4.469	4651581	30.435 ug/ml
3) T A~Naphthalene (C11.7)	6.167	5662681	34.416 ug/ml
4) T n-Dodecane (C12)	6.634	5250092	33.616 ug/ml
5) T A~2-methylnaphthalene...	7.263	5761098	35.496 ug/ml
6) T n-Tetradecane (C14)	8.462	5773284	36.533 ug/ml
7) T n-Hexadecane (C16)	10.066	6171081	38.802 ug/ml
8) T n-Octadecane (C18)	11.509	6498378	39.581 ug/ml
10) T n-Eicosane (C20)	12.816	6350477	38.681 ug/ml
11) T n-Heneicosane (C21)	13.427	6308719	38.386 ug/ml
13) T n-Docosane (C22)	14.014	6223187	38.248 ug/ml
14) T n-Tetracosane (C24)	15.114	5557602	34.386 ug/mlm
15) T n-Hexacosane (C26)	16.135	5985716	37.735 ug/ml
16) T n-Octacosane (C28)	17.083	5800924	37.321 ug/ml
17) T n-Tricontane (C30)	17.971	5578376	38.250 ug/ml
18) T n-Dotriacontane (C32)	18.803	5307623	45.674 ug/mlm
19) T n-Tetratriacontane (C34)	19.584	5047128	61.247 ug/mlm
20) T n-Hexatriacontane (C36)	20.325	4884872	80.859 ug/mlm
21) T n-Octatriacontane (C38)	21.046	4693513	92.029 ug/mlm
22) T n-Tetracontane (C40)	21.917	4704265	97.737 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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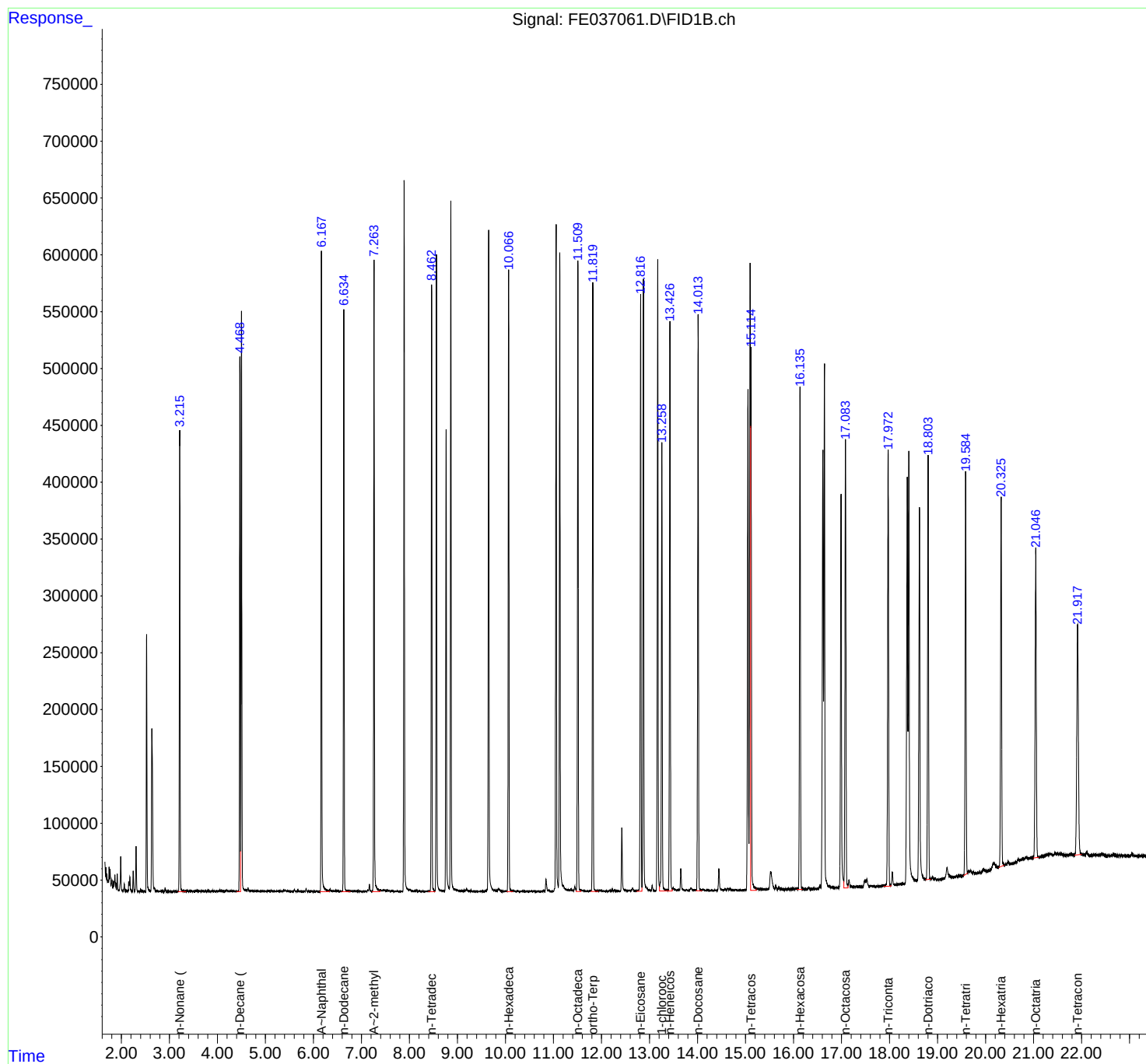
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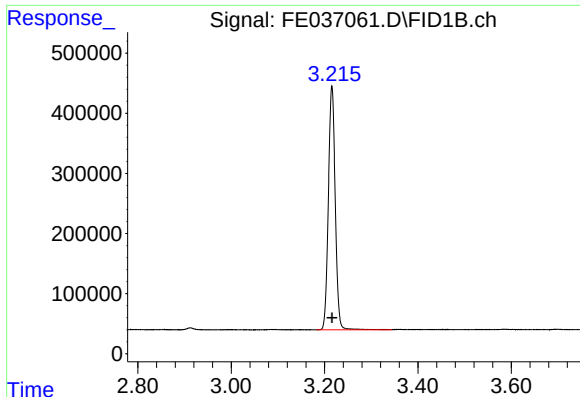
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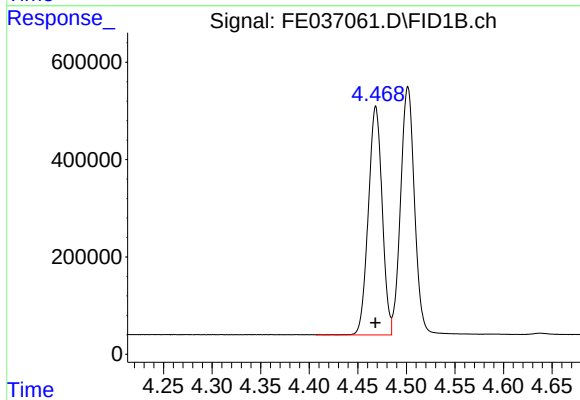
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: 0.000 min
Response: 4139421
Conc: 26.93 ug/ml

Instrument :
FID_E
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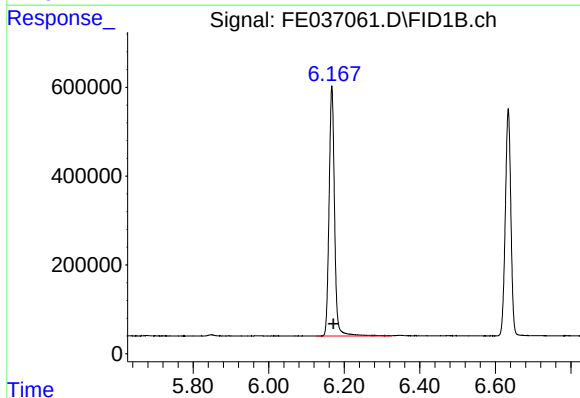
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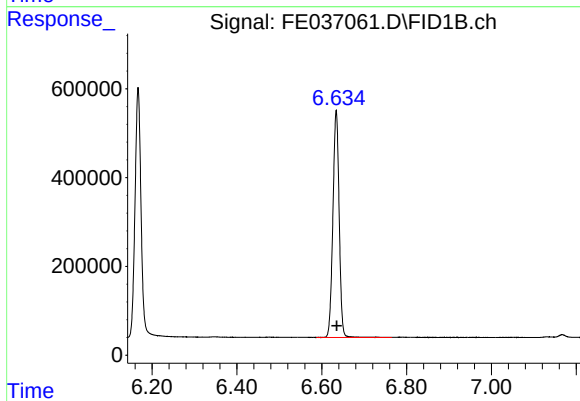
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 4651581
Conc: 30.43 ug/ml



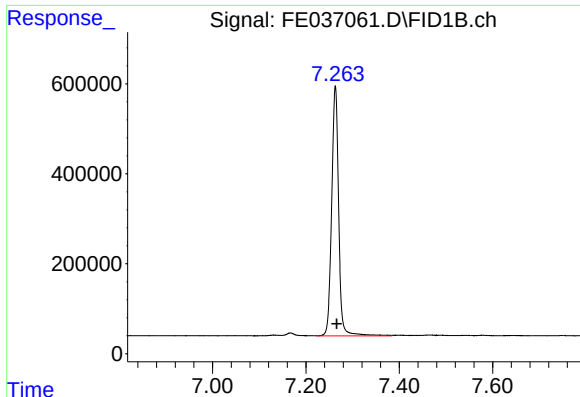
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 5662681
Conc: 34.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 5250092
Conc: 33.62 ug/ml



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

R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 5761098
Conc: 35.50 ug/ml

Instrument :

FID_E

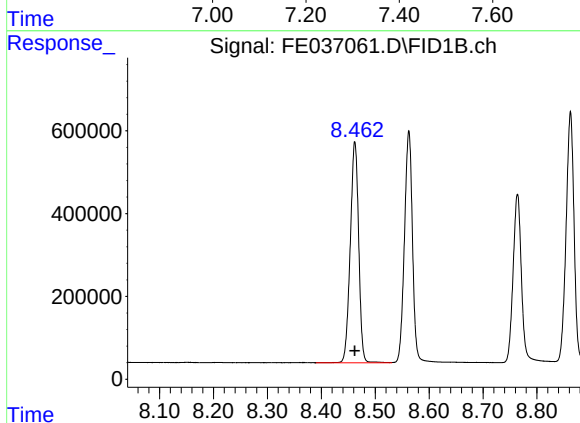
ClientSampleId :

S2MSD

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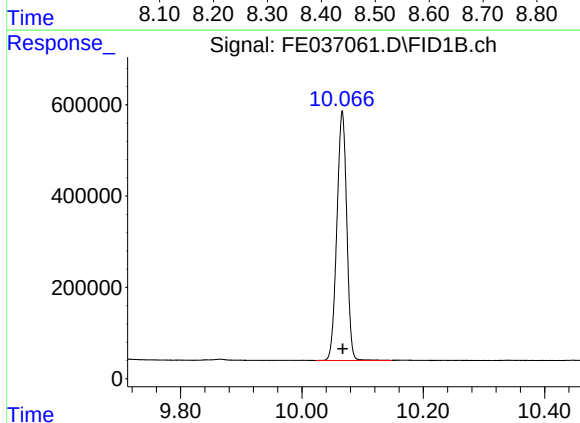
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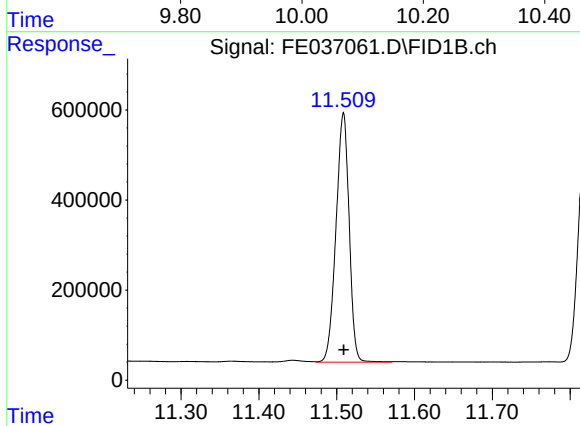
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 5773284
Conc: 36.53 ug/ml



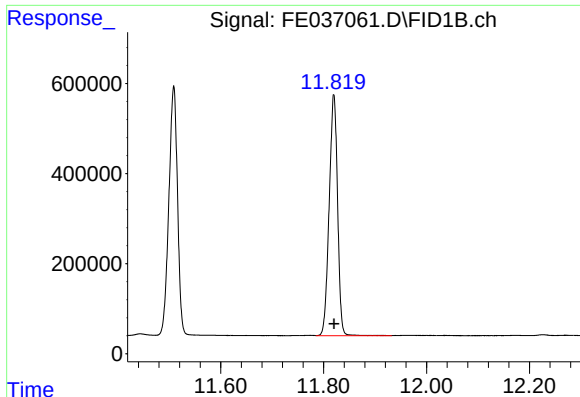
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: 0.000 min
Response: 6171081
Conc: 38.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 6498378
Conc: 39.58 ug/ml



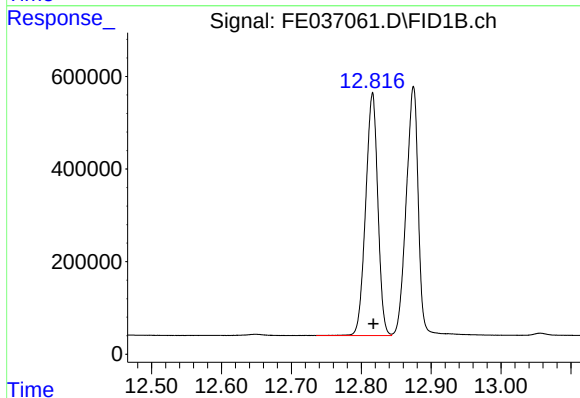
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 6064182
Conc: 32.97 ug/ml

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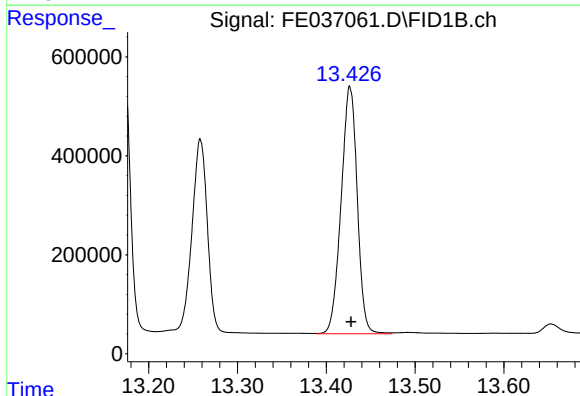
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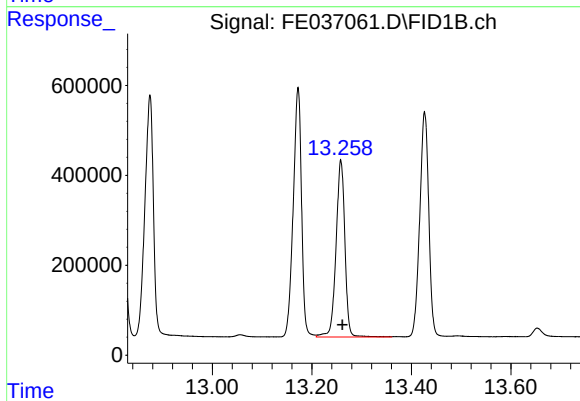
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: -0.002 min
Response: 6350477
Conc: 38.68 ug/ml



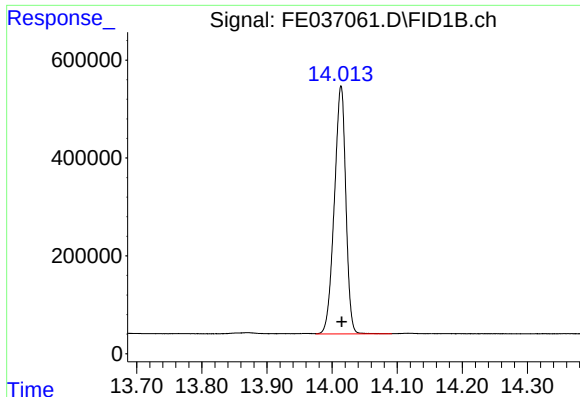
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: -0.001 min
Response: 6308719
Conc: 38.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.003 min
Response: 4891774
Conc: 33.52 ug/ml



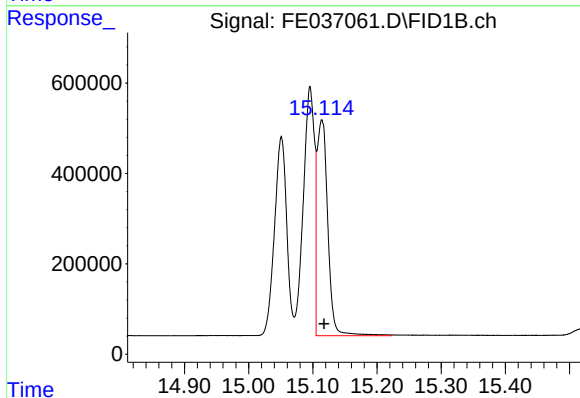
#13 n-Docosane (C22)

R.T.: 14.014 min
Delta R.T.: -0.001 min
Response: 6223187
Conc: 38.25 ug/ml

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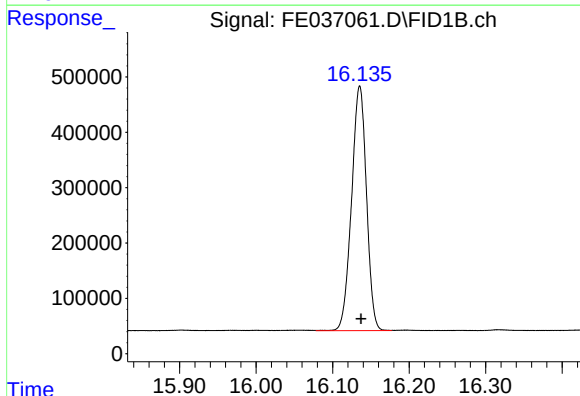
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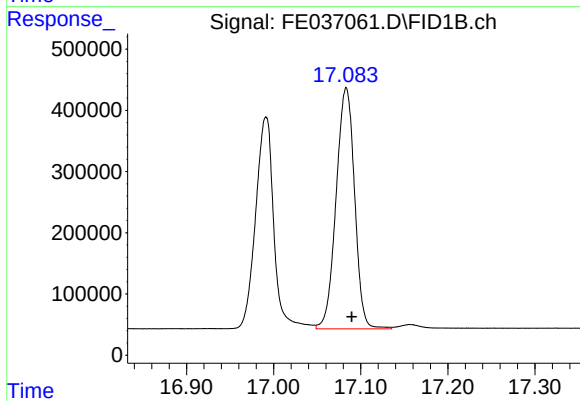
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.003 min
Response: 5557602
Conc: 34.39 ug/ml m



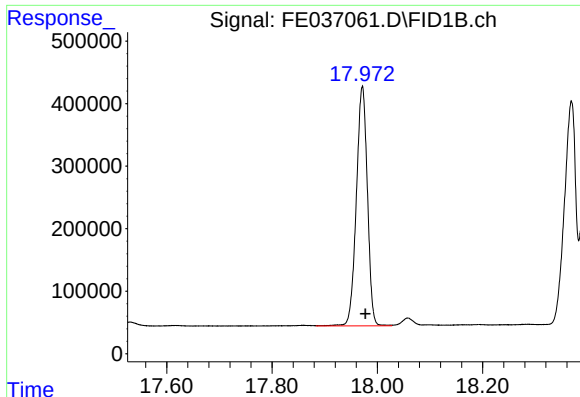
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.002 min
Response: 5985716
Conc: 37.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.006 min
Response: 5800924
Conc: 37.32 ug/ml



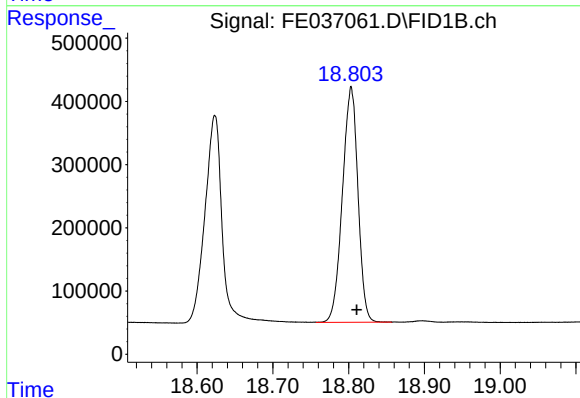
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.005 min
Response: 5578376
Conc: 38.25 ug/ml

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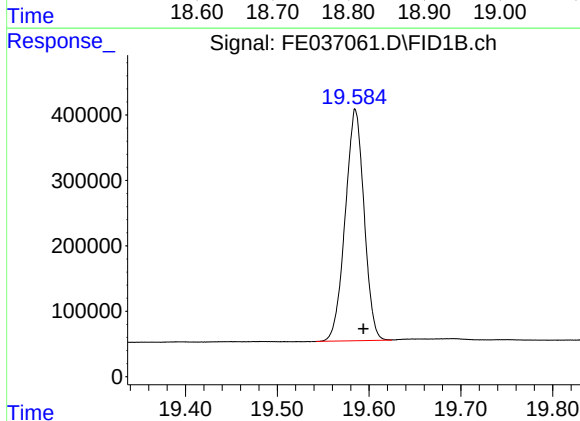
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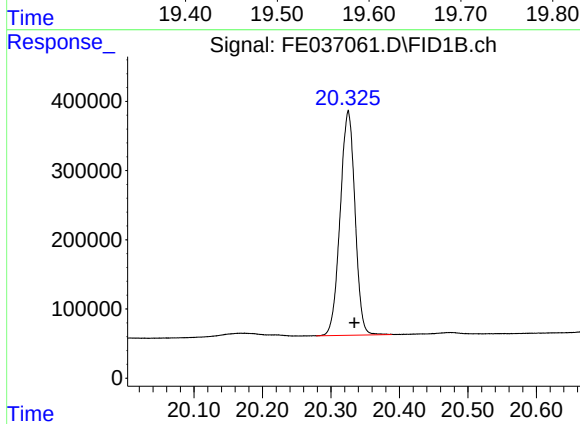
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.008 min
Response: 5307623
Conc: 45.67 ug/ml m



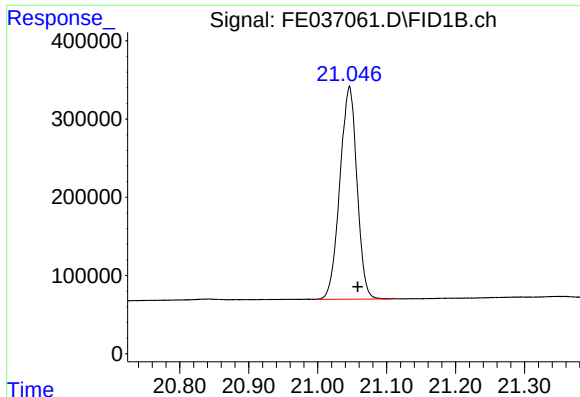
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min
Delta R.T.: -0.010 min
Response: 5047128
Conc: 61.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.325 min
Delta R.T.: -0.009 min
Response: 4884872
Conc: 80.86 ug/ml m



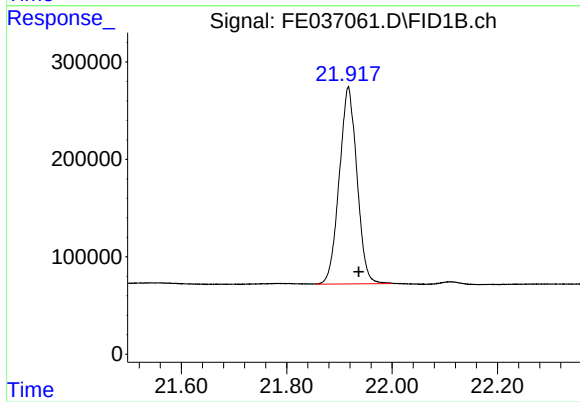
#21 n-Octatriacontane (C38)

R.T.: 21.046 min
Delta R.T.: -0.012 min
Response: 4693513
Conc: 92.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.020 min
Response: 4704265
Conc: 97.74 ug/ml m