

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036254.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 05:20
 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 01:53:54 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	3706389	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
12) S 1-chlorooctadecane (S...	13.313	2872884	18.557 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	3.265	3435340	19.100 ug/ml
2) T n-Decane (C10)	4.520	3447096	19.176 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3835093	19.115 ug/ml
4) T n-Dodecane (C12)	6.686	3535585	19.088 ug/ml
5) T A~2-methylnaphthalene...	7.316	3866218	18.992 ug/ml
6) T n-Tetradecane (C14)	8.513	3544753	18.961 ug/ml
7) T n-Hexadecane (C16)	10.119	3530688	18.853 ug/ml
8) T n-Octadecane (C18)	11.561	3481256	18.712 ug/ml
10) T n-Eicosane (C20)	12.869	3365256	18.576 ug/ml
11) T n-Heneicosane (C21)	13.481	3325549	18.513 ug/ml
13) T n-Docosane (C22)	14.066	3283042	18.569 ug/ml
14) T n-Tetracosane (C24)	15.168	3187850	18.612 ug/ml
15) T n-Hexacosane (C26)	16.189	3085462	18.675 ug/ml
16) T n-Octacosane (C28)	17.138	3020556	18.870 ug/ml
17) T n-Tricontane (C30)	18.027	2984964	19.280 ug/ml
18) T n-Dotriacontane (C32)	18.859	2875447	19.676 ug/ml
19) T n-Tetratriacontane (C34)	19.642	2736734	19.777 ug/mlm
20) T n-Hexatriacontane (C36)	20.384	2646737	19.715 ug/ml
21) T n-Octatriacontane (C38)	21.114	2635477	19.817 ug/mlm
22) T n-Tetracontane (C40)	22.008	2834592	20.272 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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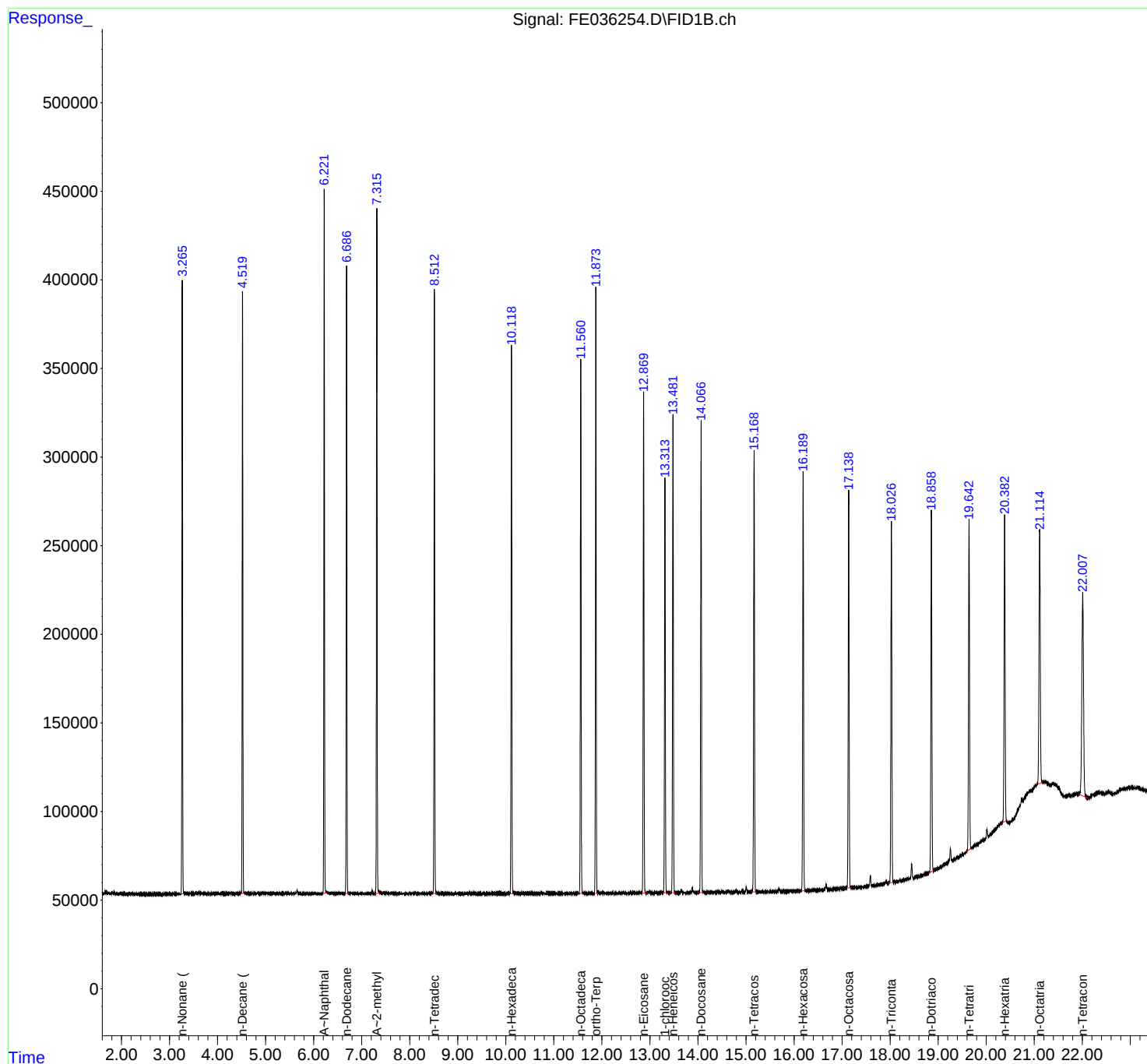
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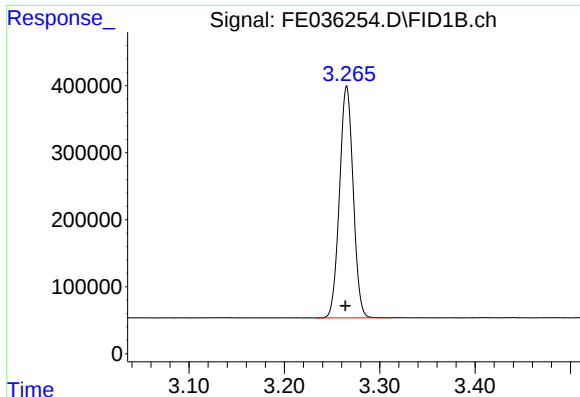
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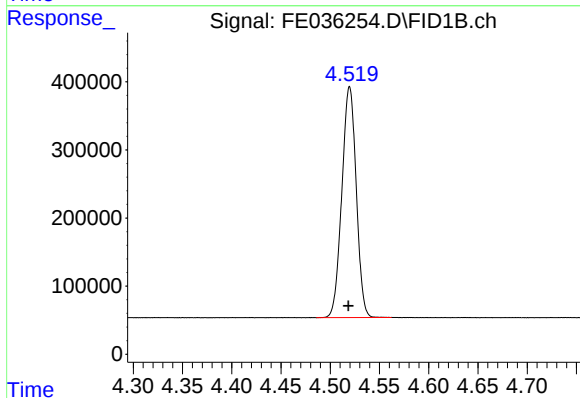
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.001 min
Response: 3435340
Conc: 19.10 ug/ml

Instrument : FID_E
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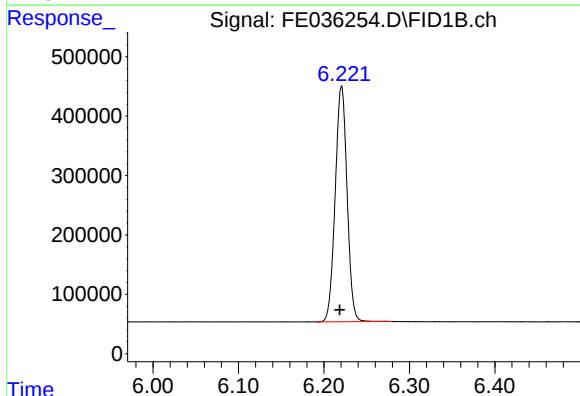
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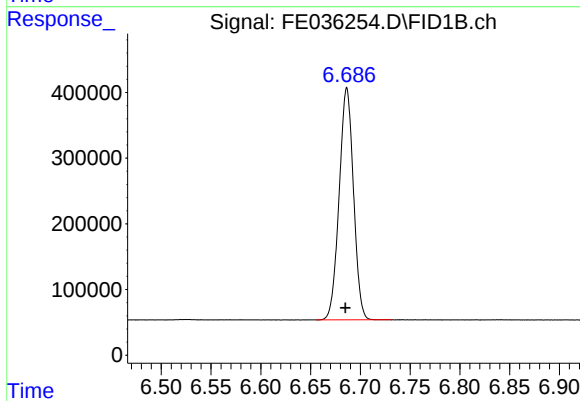
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.001 min
Response: 3447096
Conc: 19.18 ug/ml



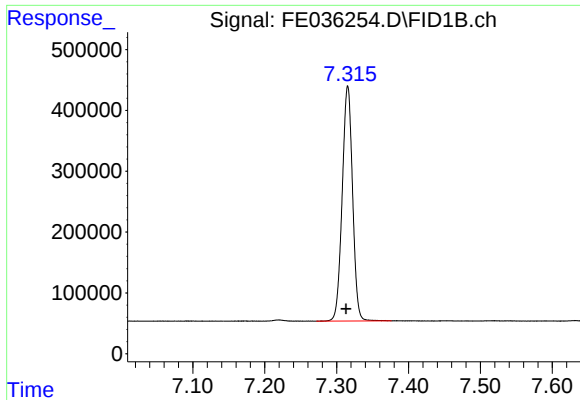
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 3835093
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 3535585
Conc: 19.09 ug/ml



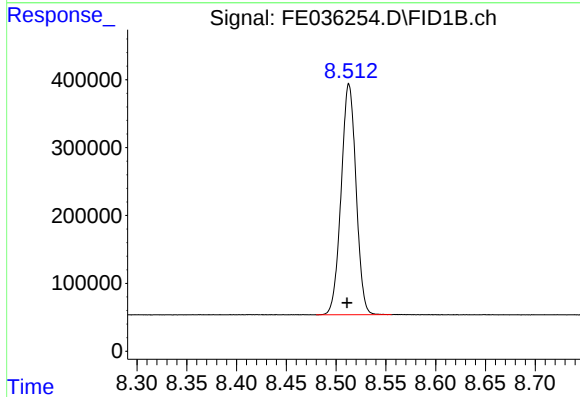
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 3866218
Conc: 18.99 ug/ml

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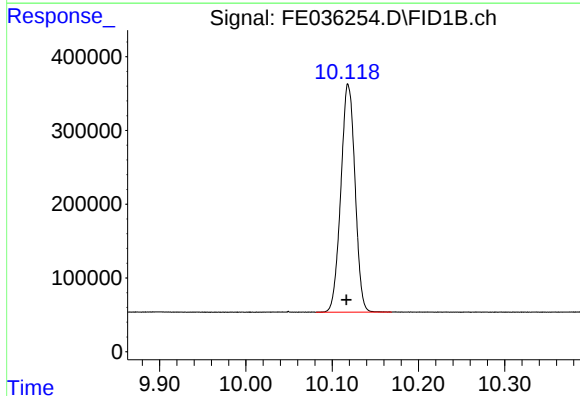
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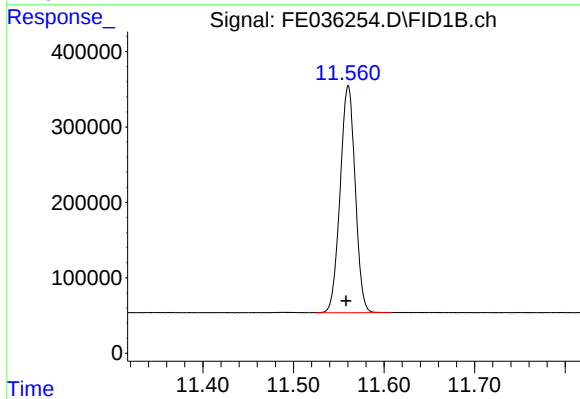
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 3544753
Conc: 18.96 ug/ml



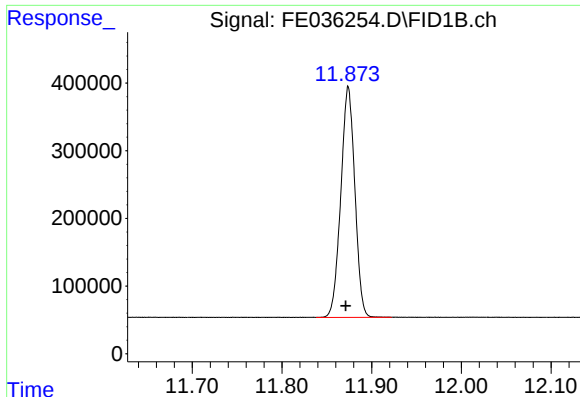
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: 0.002 min
Response: 3530688
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: 0.002 min
Response: 3481256
Conc: 18.71 ug/ml



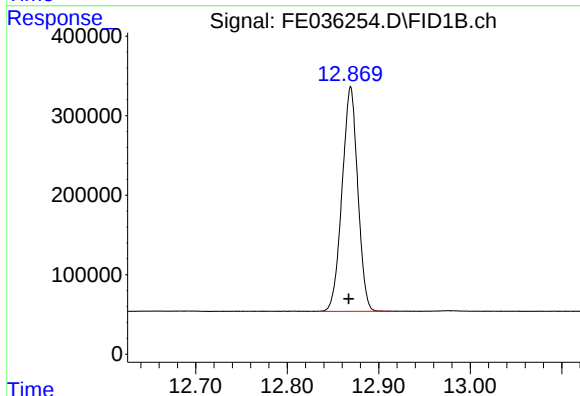
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 3706389
Conc: 18.55 ug/ml

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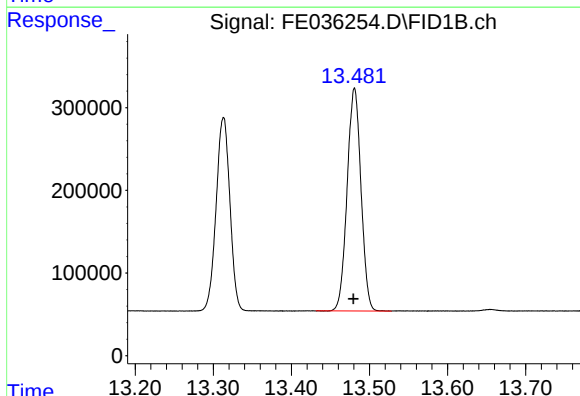
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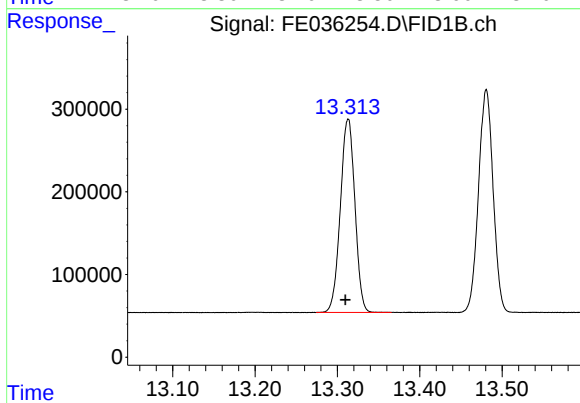
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 3365256
Conc: 18.58 ug/ml



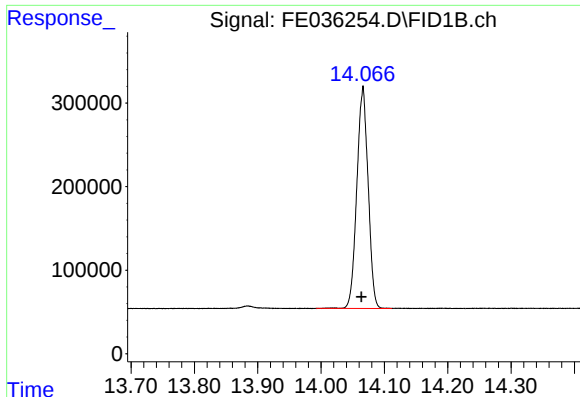
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.002 min
Response: 3325549
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.003 min
Response: 2872884
Conc: 18.56 ug/ml



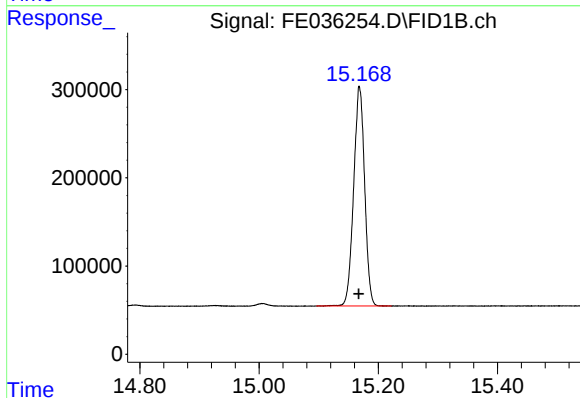
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 3283042
Conc: 18.57 ug/ml

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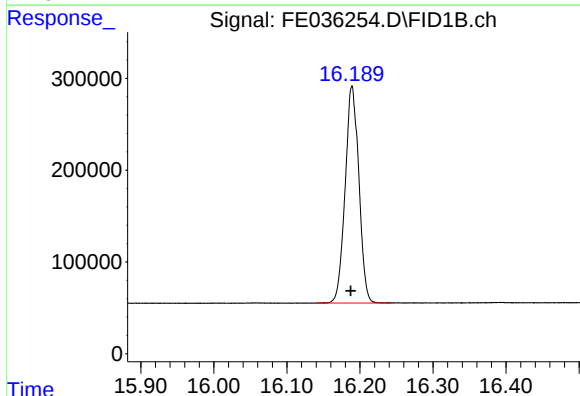
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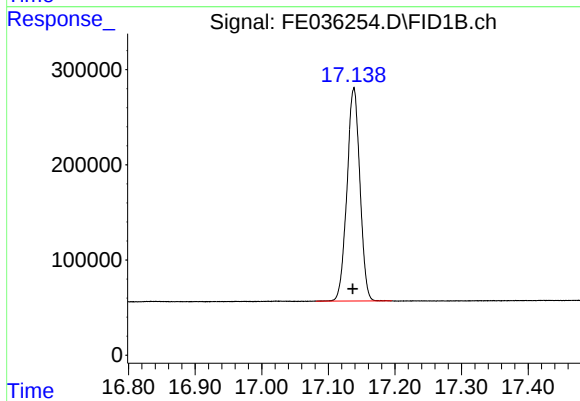
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.001 min
Response: 3187850
Conc: 18.61 ug/ml



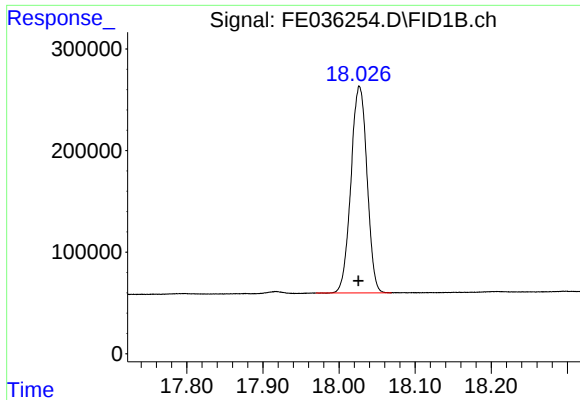
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.002 min
Response: 3085462
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.002 min
Response: 3020556
Conc: 18.87 ug/ml



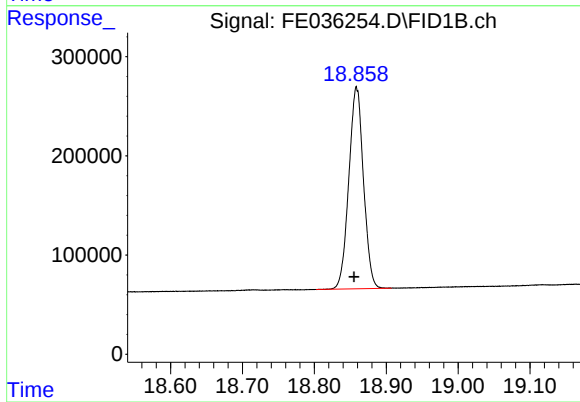
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.001 min
Response: 2984964
Conc: 19.28 ug/ml

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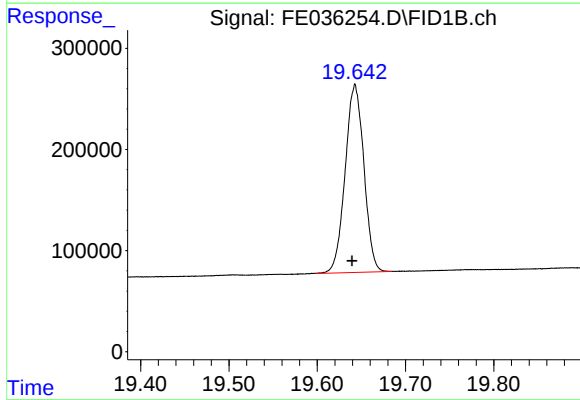
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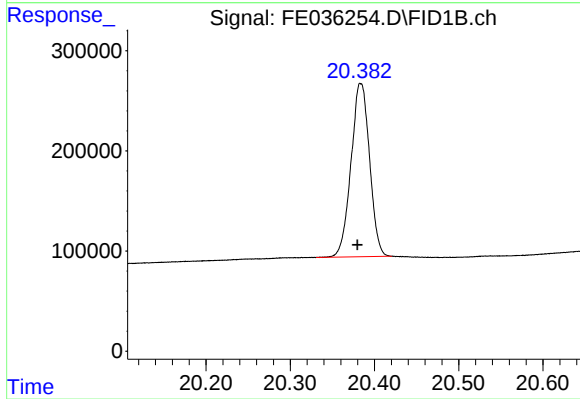
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: 0.003 min
Response: 2875447
Conc: 19.68 ug/ml



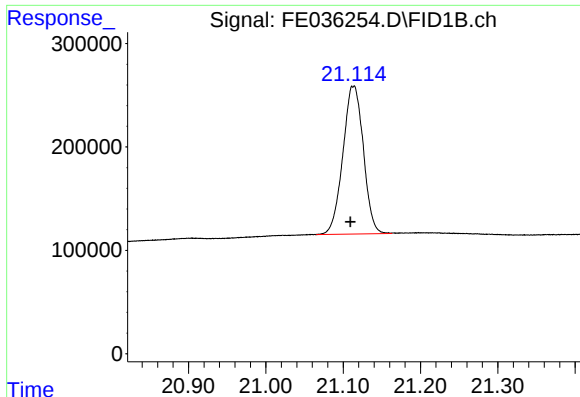
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.003 min
Response: 2736734
Conc: 19.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 2646737
Conc: 19.72 ug/ml



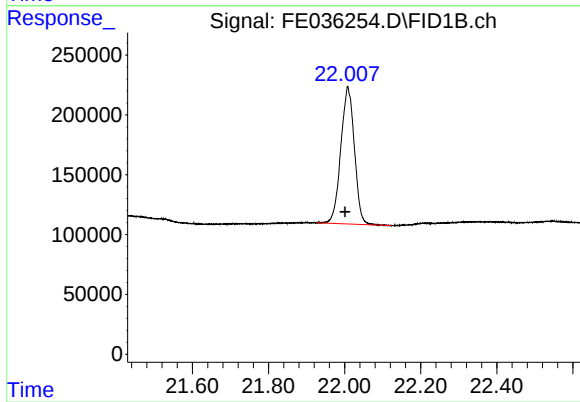
#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.005 min
Response: 2635477
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.007 min
Response: 2834592
Conc: 20.27 ug/ml