

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052222.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 16:07
 Operator : YP\AJ
 Sample : Q1277-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT 3249MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 00:50:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 2025
 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)	12.287	3349123	27.059 ug/ml
Spiked Amount 50.000		Recovery =	54.12%
12) S 1-chlorooctadecane (S...	13.702	2780471	28.174 ug/ml
Spiked Amount 50.000		Recovery =	56.35%
Target Compounds			
1) T n-Nonane (C9)	3.748	2455103	26.285 ug/ml
2) T n-Decane (C10)	4.976	2801027	29.168 ug/ml
3) T A~Naphthalene (C11.7)	6.679	3538369	33.108 ug/mlm
4) T n-Dodecane (C12)	7.108	3225113	32.538 ug/ml
5) T A~2-methylnaphthalene...	7.761	3479843	33.226 ug/ml
6) T n-Tetradecane (C14)	8.919	3594368	35.619 ug/ml
7) T n-Hexadecane (C16)	10.515	3778196	34.817 ug/ml
8) T n-Octadecane (C18)	11.951	3883762	34.188 ug/ml
10) T n-Eicosane (C20)	13.254	4045525	35.848 ug/mlm
11) T n-Heneicosane (C21)	13.864	3897650	34.611 ug/ml
13) T n-Docosane (C22)	14.448	3917436	34.610 ug/ml
14) T n-Tetracosane (C24)	15.569	7486455	65.112 ug/mlm
15) T n-Hexacosane (C26)	16.565	3790526	33.052 ug/mlm
16) T n-Octacosane (C28)	17.511	3691430	32.626 ug/ml
17) T n-Tricontane (C30)	18.397	3684267	32.333 ug/ml
18) T n-Dotriacontane (C32)	19.225	3615077	33.158 ug/ml
19) T n-Tetratriacontane (C34)	20.005	3468033	36.555 ug/mlm
20) T n-Hexatriacontane (C36)	20.745	3316630	40.139 ug/mlm
21) T n-Octatriacontane (C38)	21.556	3008209	40.492 ug/ml
22) T n-Tetracontane (C40)	22.591	3025402	40.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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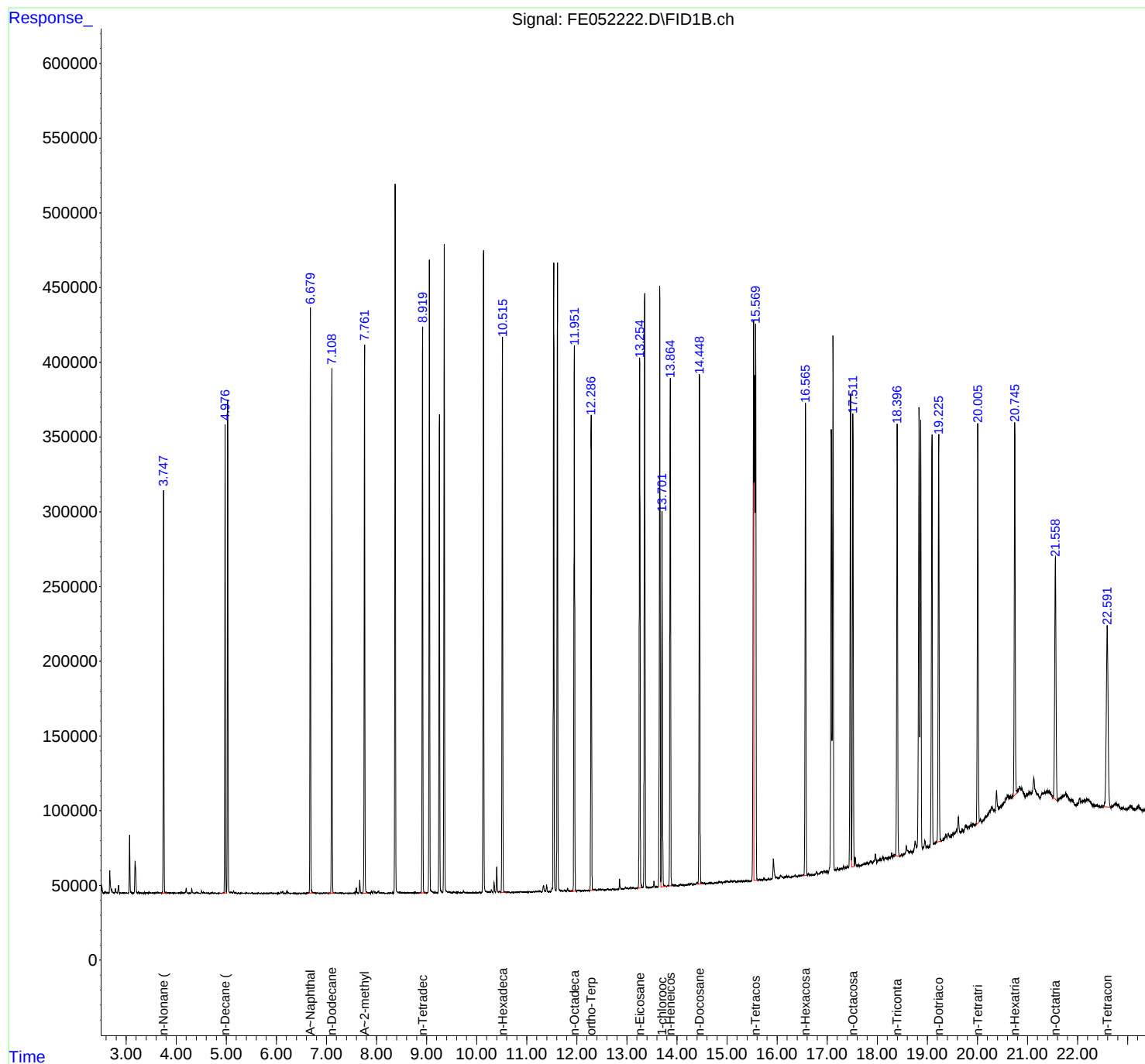
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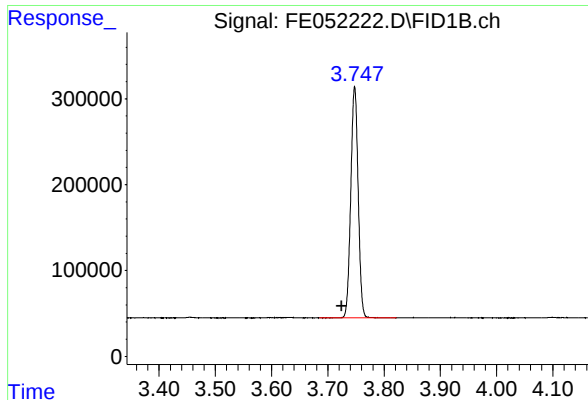
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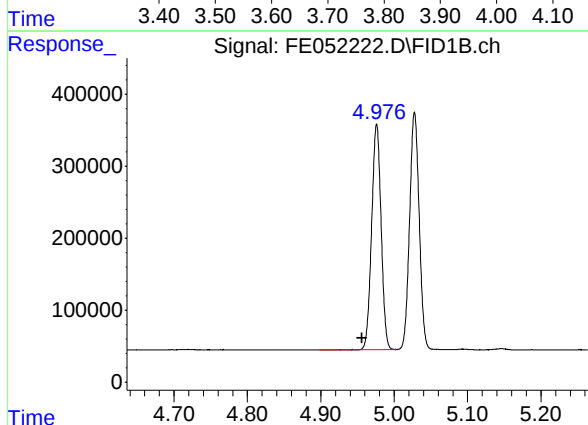
#1 n-Nonane (C9)

R.T.: 3.748 min
Delta R.T.: 0.023 min
Response: 2455103
Conc: 26.28 ug/ml

Instrument :
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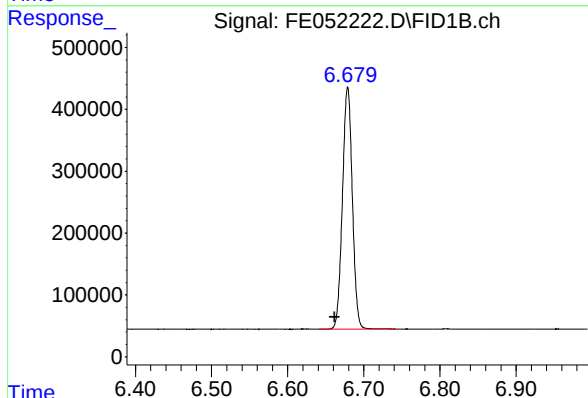
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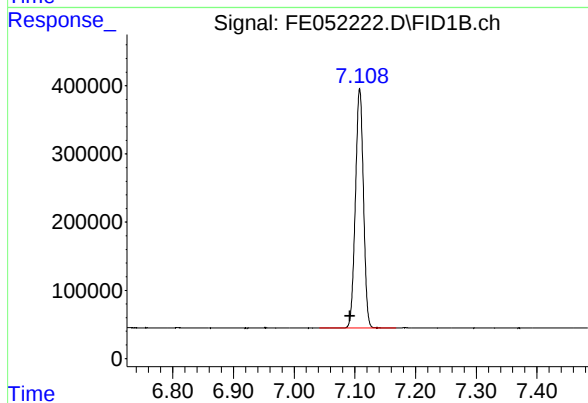
#2 n-Decane (C10)

R.T.: 4.976 min
Delta R.T.: 0.020 min
Response: 2801027
Conc: 29.17 ug/ml



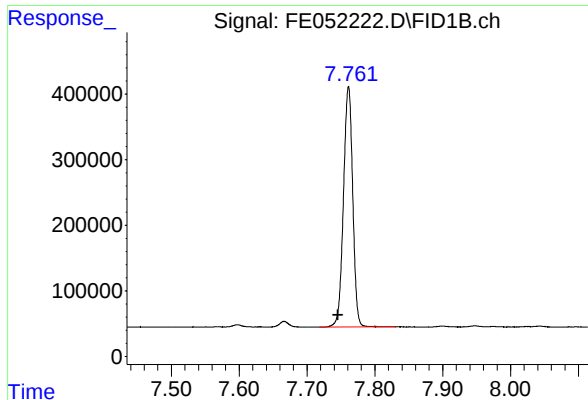
#3 A~Naphthalene (C11.7)

R.T.: 6.679 min
Delta R.T.: 0.017 min
Response: 3538369
Conc: 33.11 ug/ml m



#4 n-Dodecane (C12)

R.T.: 7.108 min
Delta R.T.: 0.016 min
Response: 3225113
Conc: 32.54 ug/ml



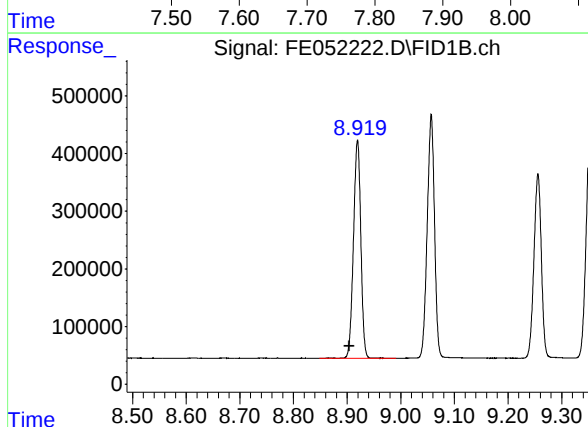
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.761 min
Delta R.T.: 0.015 min
Response: 3479843
Conc: 33.23 ug/ml

Instrument :
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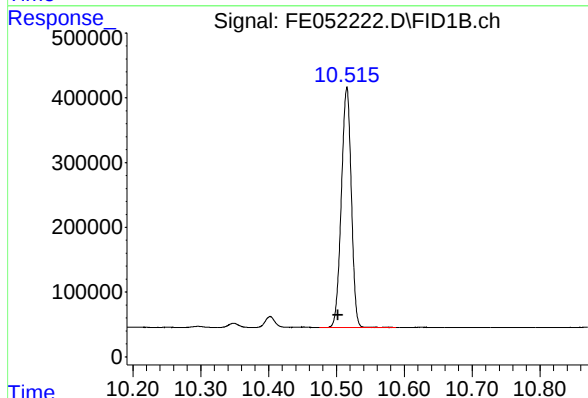
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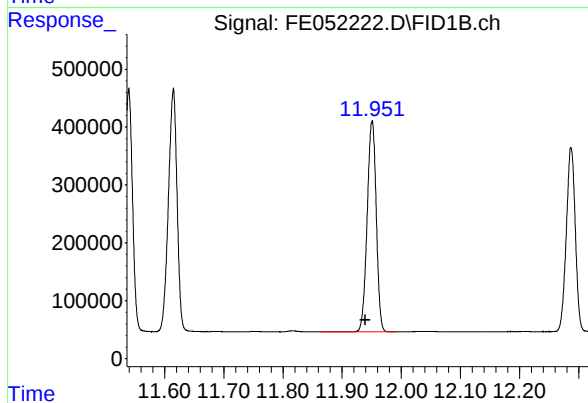
#6 n-Tetradecane (C14)

R.T.: 8.919 min
Delta R.T.: 0.015 min
Response: 3594368
Conc: 35.62 ug/ml



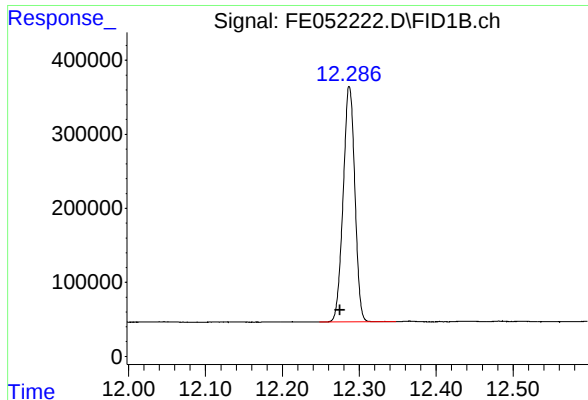
#7 n-Hexadecane (C16)

R.T.: 10.515 min
Delta R.T.: 0.013 min
Response: 3778196
Conc: 34.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.951 min
Delta R.T.: 0.012 min
Response: 3883762
Conc: 34.19 ug/ml



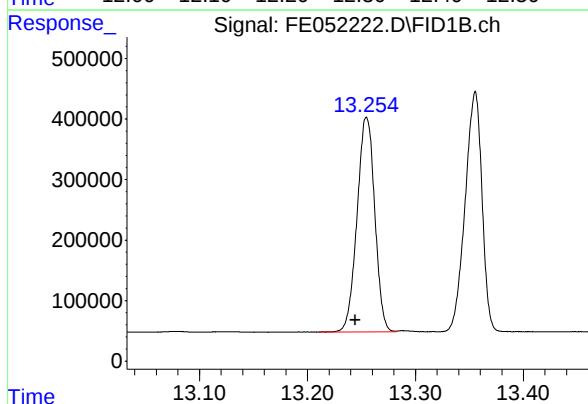
#9 ortho-Terphenyl (SURR)

R.T.: 12.287 min
Delta R.T.: 0.013 min
Response: 3349123
Conc: 27.06 ug/ml

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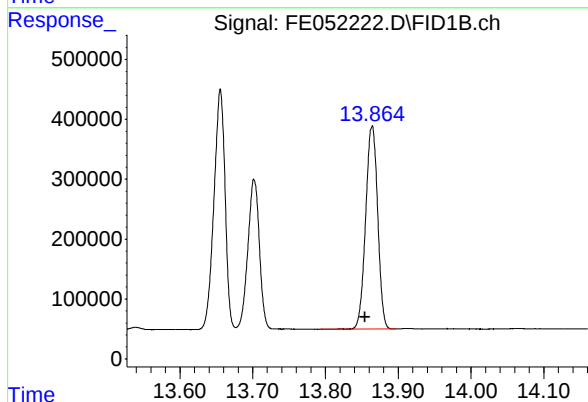
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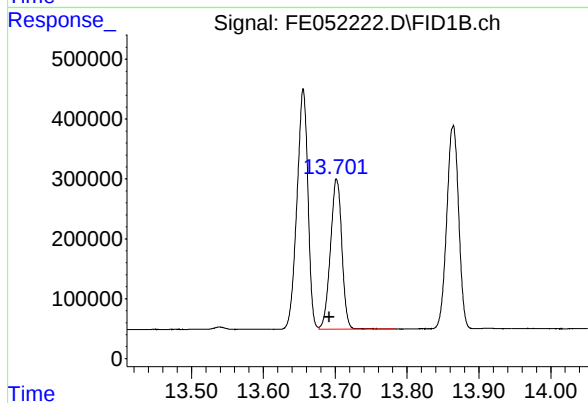
#10 n-Eicosane (C20)

R.T.: 13.254 min
Delta R.T.: 0.010 min
Response: 4045525
Conc: 35.85 ug/ml



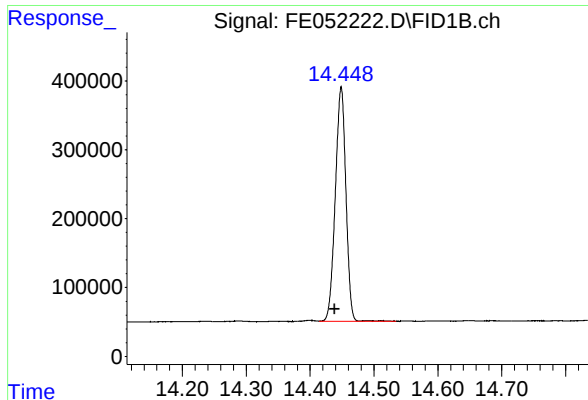
#11 n-Heneicosane (C21)

R.T.: 13.864 min
Delta R.T.: 0.010 min
Response: 3897650
Conc: 34.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 2780471
Conc: 28.17 ug/ml



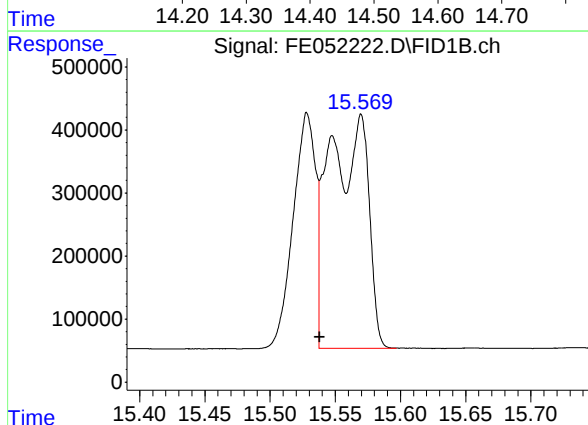
#13 n-Docosane (C22)

R.T.: 14.448 min
Delta R.T.: 0.010 min
Response: 3917436
Conc: 34.61 ug/ml

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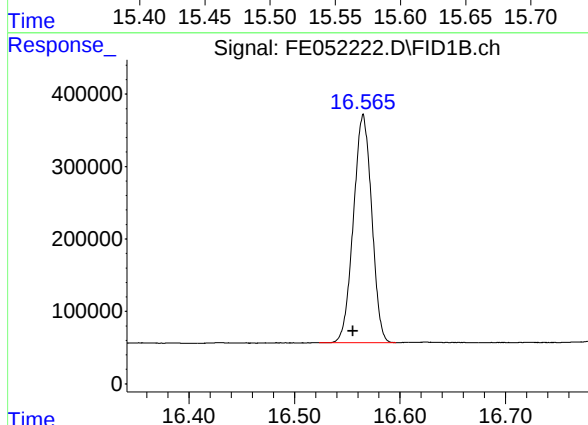
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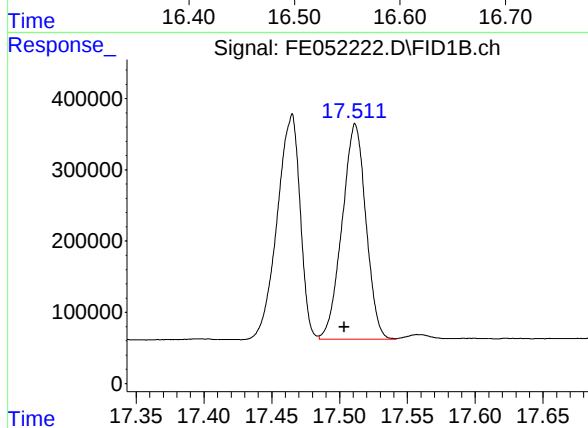
#14 n-Tetracosane (C24)

R.T.: 15.569 min
Delta R.T.: 0.031 min
Response: 7486455
Conc: 65.11 ug/ml m



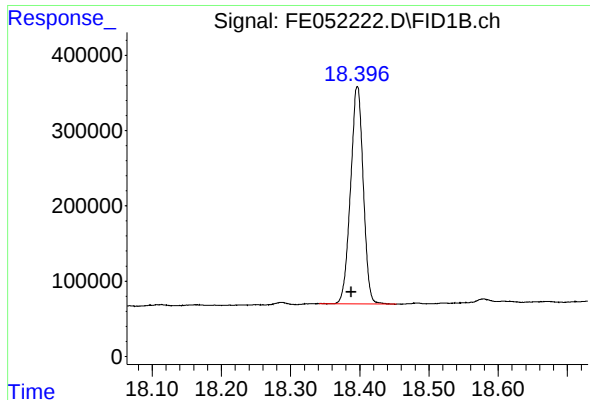
#15 n-Hexacosane (C26)

R.T.: 16.565 min
Delta R.T.: 0.009 min
Response: 3790526
Conc: 33.05 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.511 min
Delta R.T.: 0.008 min
Response: 3691430
Conc: 32.63 ug/ml



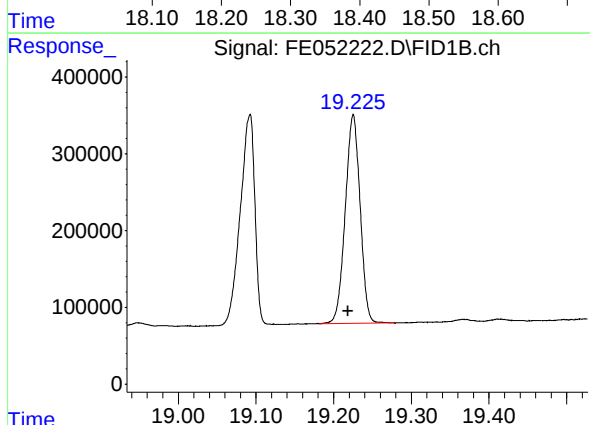
#17 n-Tricontane (C30)

R.T.: 18.397 min
Delta R.T.: 0.009 min
Response: 3684267
Conc: 32.33 ug/ml

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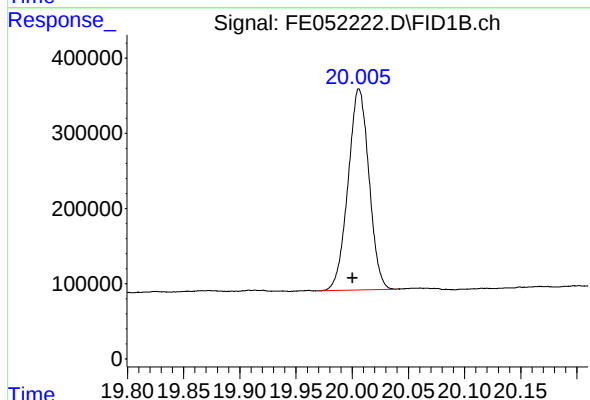
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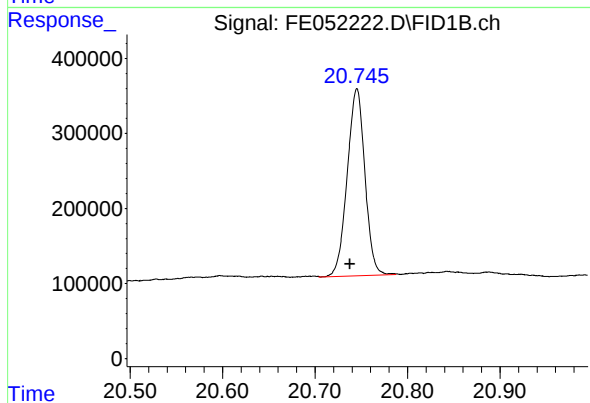
#18 n-Dotriacontane (C32)

R.T.: 19.225 min
Delta R.T.: 0.007 min
Response: 3615077
Conc: 33.16 ug/ml



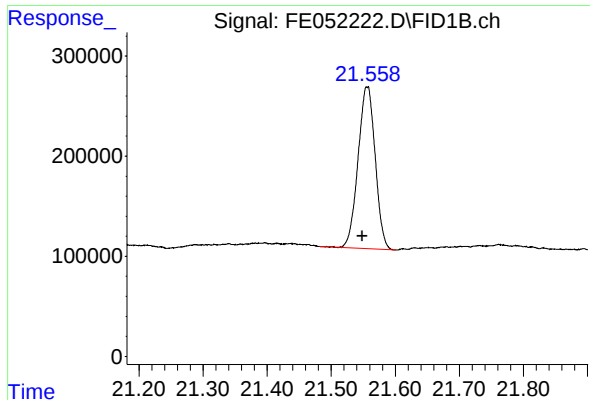
#19 n-Tetratriacontane (C34)

R.T.: 20.005 min
Delta R.T.: 0.005 min
Response: 3468033
Conc: 36.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.745 min
Delta R.T.: 0.007 min
Response: 3316630
Conc: 40.14 ug/ml m



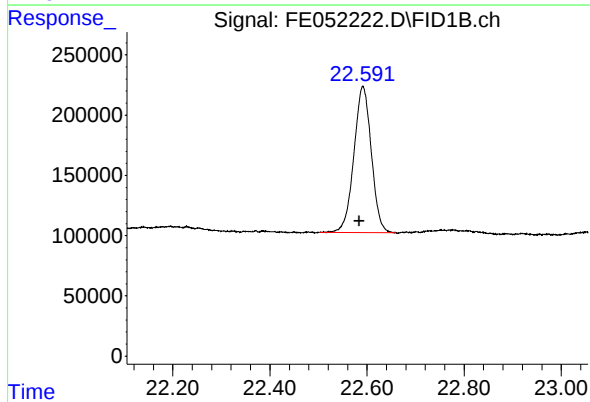
#21 n-Octatriacontane (C38)

R.T.: 21.556 min
Delta R.T.: 0.007 min
Response: 3008209
Conc: 40.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.591 min
Delta R.T.: 0.007 min
Response: 3025402
Conc: 40.58 ug/ml