

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012325AL\
 Data File : FE052019.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2025 16:35
 Operator : YP\AJ
 Sample : Q1156-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 281MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e
 Quant Time: Jan 24 01:51:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.203	4468568	31.265 ug/ml
Spiked Amount 50.000		Recovery =	62.53%
12) S 1-chlorooctadecane (S...	13.617	3651644	31.832 ug/ml
Spiked Amount 50.000		Recovery =	63.66%
Target Compounds			
1) T n-Nonane (C9)	3.684	3469375	32.542 ug/ml
2) T n-Decane (C10)	4.911	4084977	37.313 ug/ml
3) T A~Naphthalene (C11.7)	6.604	5148106	42.366 ug/ml
4) T n-Dodecane (C12)	7.037	4703210	41.671 ug/ml
5) T A~2-methylnaphthalene...	7.684	5044966	42.258 ug/ml
6) T n-Tetradecane (C14)	8.845	5236854	45.025 ug/ml
7) T n-Hexadecane (C16)	10.438	5516986	43.744 ug/ml
8) T n-Octadecane (C18)	11.871	5614964	42.439 ug/ml
10) T n-Eicosane (C20)	13.173	5807006	44.296 ug/ml
11) T n-Heneicosane (C21)	13.781	5473048	42.048 ug/ml
13) T n-Docosane (C22)	14.365	5416151	41.270 ug/ml
14) T n-Tetracosane (C24)	15.467	10673108	80.351 ug/ml
15) T n-Hexacosane (C26)	16.480	5156128	39.007 ug/mlm
16) T n-Octacosane (C28)	17.426	4946757	37.480 ug/ml
17) T n-Tricontane (C30)	18.312	5064525	37.146 ug/ml
18) T n-Dotriacontane (C32)	19.141	4934309	37.651 ug/ml
19) T n-Tetratriacontane (C34)	19.923	4673905	41.515 ug/ml
20) T n-Hexatriacontane (C36)	20.661	4278816	45.049 ug/ml
21) T n-Octatriacontane (C38)	21.448	4111304	47.594 ug/ml
22) T n-Tetracontane (C40)	22.449	4088078	49.606 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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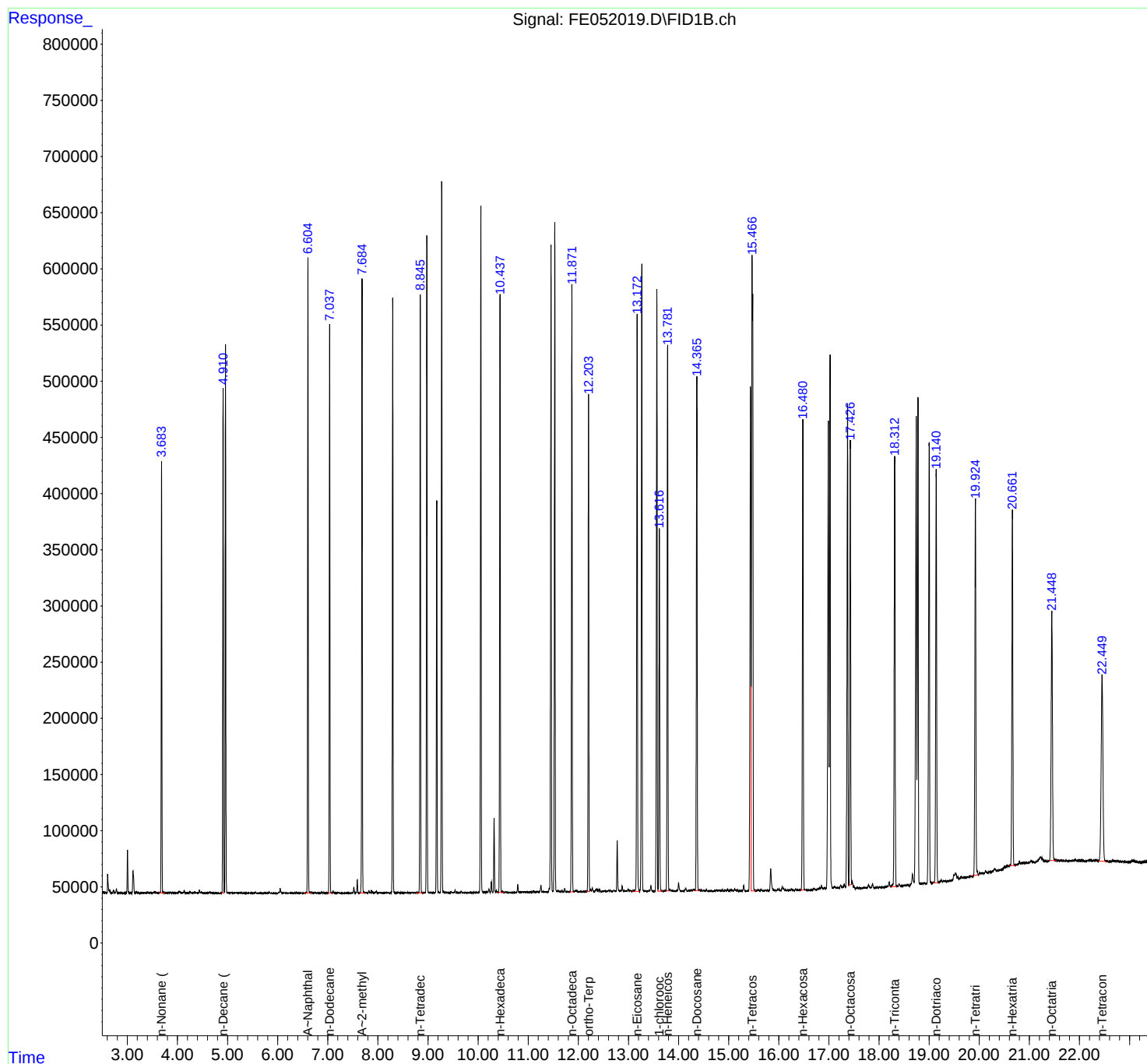
Instrument :
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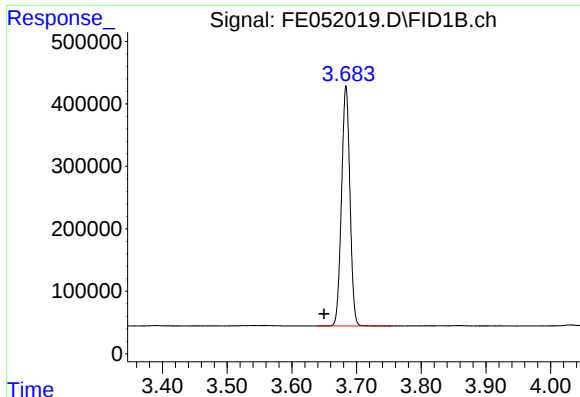
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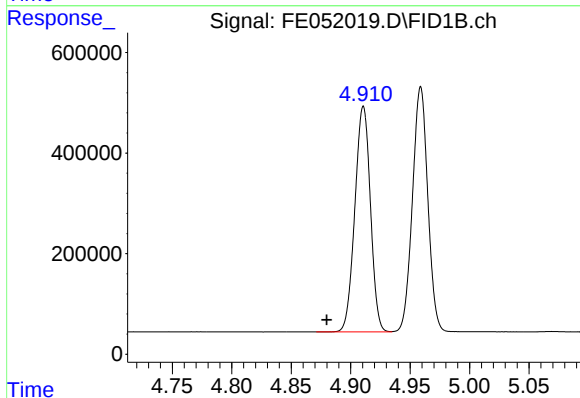
#1 n-Nonane (C9)

R.T.: 3.684 min
Delta R.T.: 0.034 min
Response: 3469375
Conc: 32.54 ug/ml

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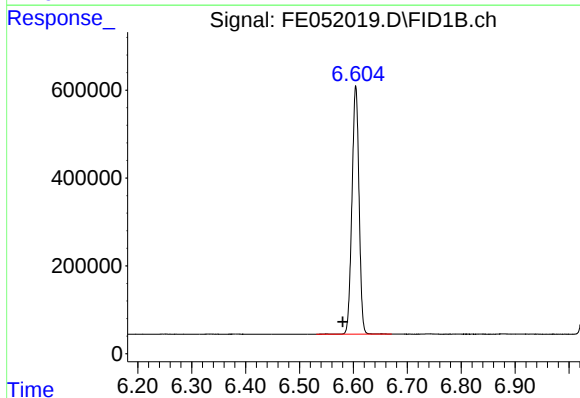
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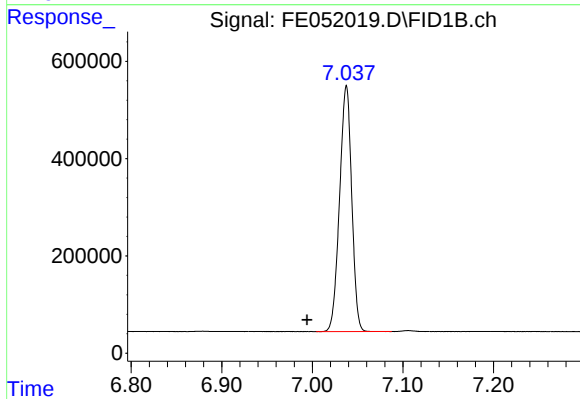
#2 n-Decane (C10)

R.T.: 4.911 min
Delta R.T.: 0.031 min
Response: 4084977
Conc: 37.31 ug/ml



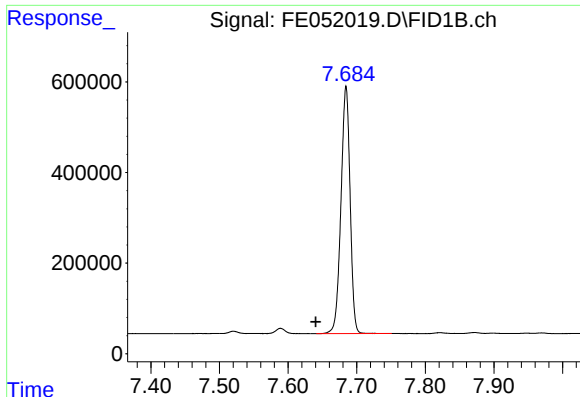
#3 A~Naphthalene (C11.7)

R.T.: 6.604 min
Delta R.T.: 0.024 min
Response: 5148106
Conc: 42.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.037 min
Delta R.T.: 0.043 min
Response: 4703210
Conc: 41.67 ug/ml



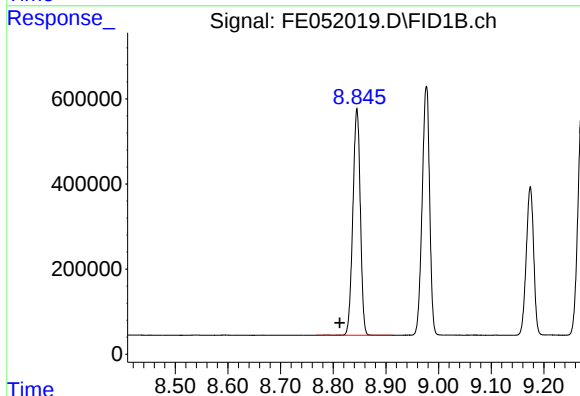
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.684 min
Delta R.T.: 0.044 min
Response: 5044966
Conc: 42.26 ug/ml

Instrument :
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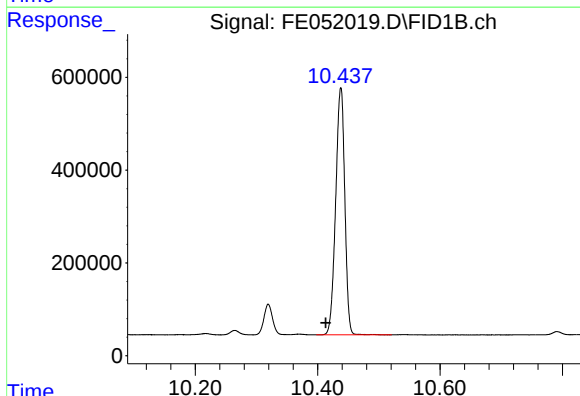
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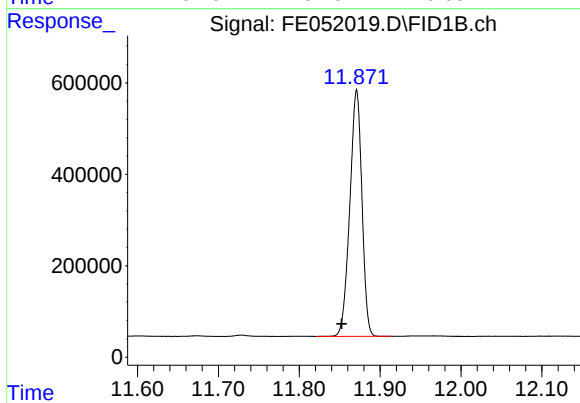
#6 n-Tetradecane (C14)

R.T.: 8.845 min
Delta R.T.: 0.033 min
Response: 5236854
Conc: 45.03 ug/ml



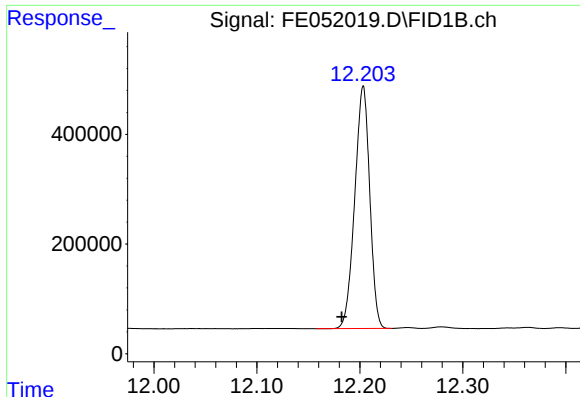
#7 n-Hexadecane (C16)

R.T.: 10.438 min
Delta R.T.: 0.024 min
Response: 5516986
Conc: 43.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.871 min
Delta R.T.: 0.018 min
Response: 5614964
Conc: 42.44 ug/ml



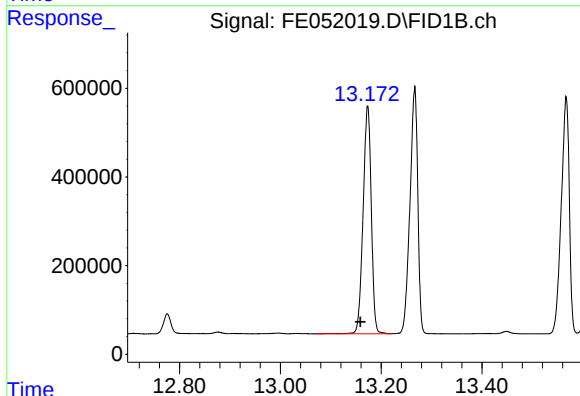
#9 ortho-Terphenyl (SURR)

R.T.: 12.203 min
Delta R.T.: 0.021 min
Response: 4468568
Conc: 31.26 ug/ml

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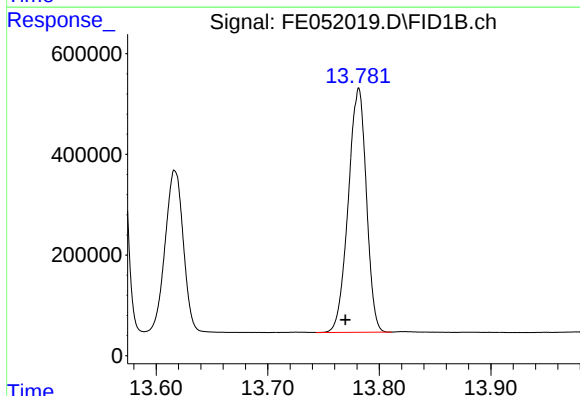
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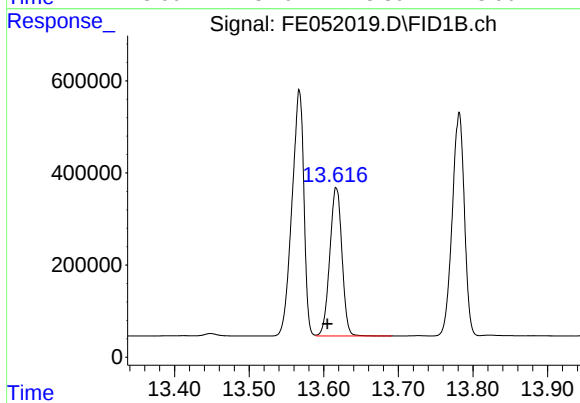
#10 n-Eicosane (C20)

R.T.: 13.173 min
Delta R.T.: 0.014 min
Response: 5807006
Conc: 44.30 ug/ml



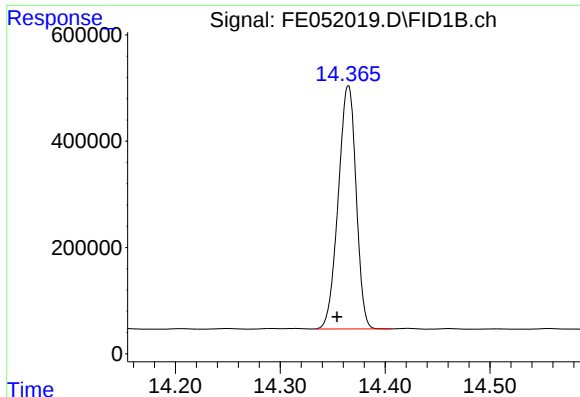
#11 n-Heneicosane (C21)

R.T.: 13.781 min
Delta R.T.: 0.012 min
Response: 5473048
Conc: 42.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.617 min
Delta R.T.: 0.012 min
Response: 3651644
Conc: 31.83 ug/ml



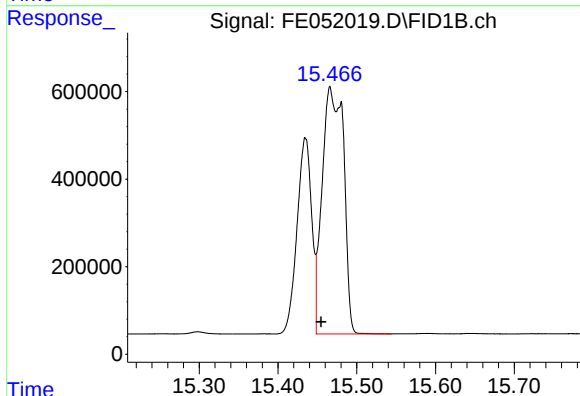
#13 n-Docosane (C22)

R.T.: 14.365 min
Delta R.T.: 0.011 min
Response: 5416151
Conc: 41.27 ug/ml

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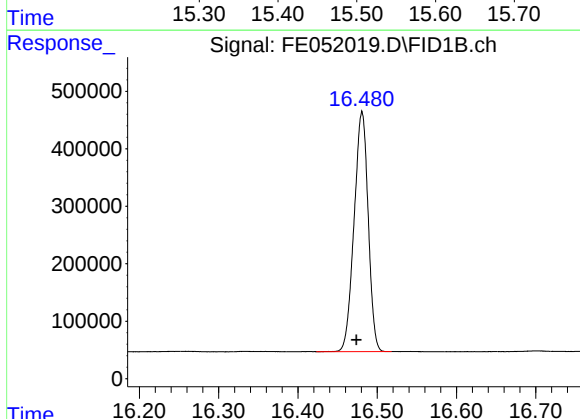
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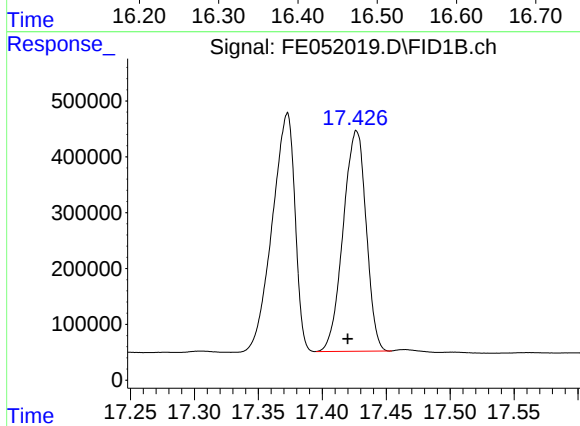
#14 n-Tetracosane (C24)

R.T.: 15.467 min
Delta R.T.: 0.012 min
Response: 10673108
Conc: 80.35 ug/ml



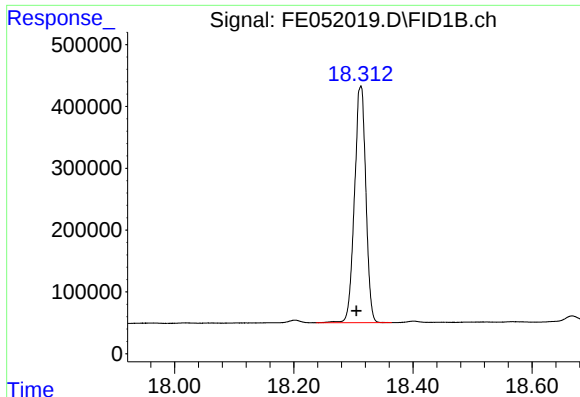
#15 n-Hexacosane (C26)

R.T.: 16.480 min
Delta R.T.: 0.007 min
Response: 5156128
Conc: 39.01 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.426 min
Delta R.T.: 0.006 min
Response: 4946757
Conc: 37.48 ug/ml



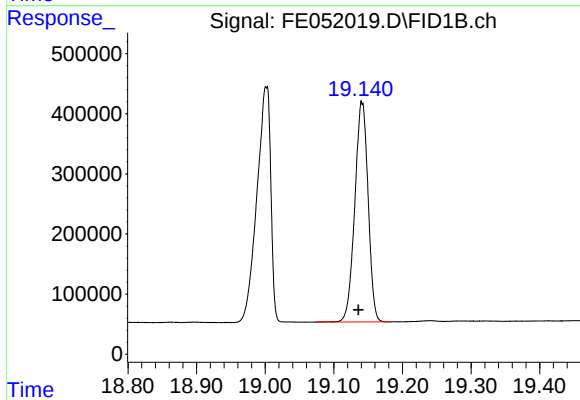
#17 n-Tricontane (C30)

R.T.: 18.312 min
Delta R.T.: 0.007 min
Response: 5064525
Conc: 37.15 ug/ml

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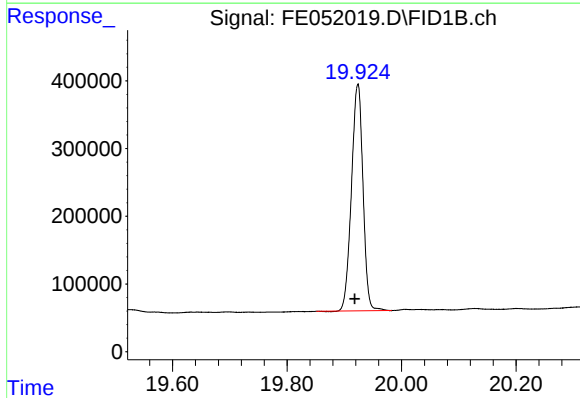
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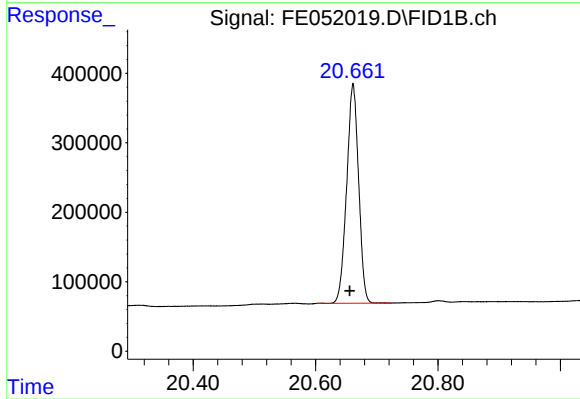
#18 n-Dotriacontane (C32)

R.T.: 19.141 min
Delta R.T.: 0.005 min
Response: 4934309
Conc: 37.65 ug/ml



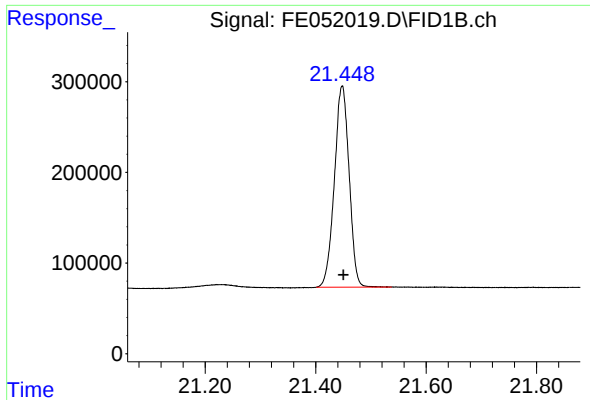
#19 n-Tetratriacontane (C34)

R.T.: 19.923 min
Delta R.T.: 0.005 min
Response: 4673905
Conc: 41.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.661 min
Delta R.T.: 0.005 min
Response: 4278816
Conc: 45.05 ug/ml



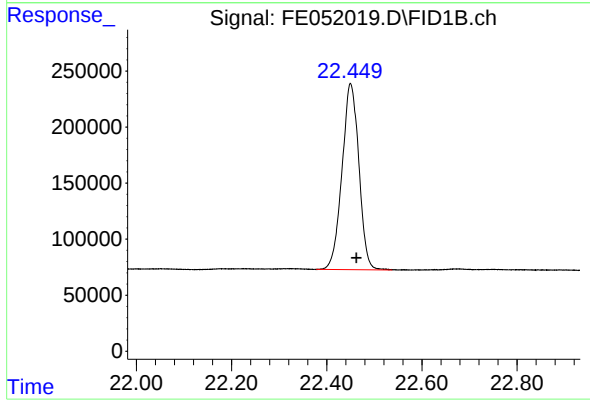
#21 n-Octatriacontane (C38)

R.T.: 21.448 min
Delta R.T.: -0.002 min
Response: 4111304
Conc: 47.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.449 min
Delta R.T.: -0.013 min
Response: 4088078
Conc: 49.61 ug/ml m