

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051969.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 16:18
 Operator : YP\AJ
 Sample : Q1132-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-1-011725MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
 Quant Time: Jan 21 01:04:26 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)	12.211	3814667	26.690 ug/ml
Spiked Amount 50.000		Recovery =	53.38%
12) S 1-chlorooctadecane (S...	13.631	3241846	28.260 ug/ml
Spiked Amount 50.000		Recovery =	56.52%
Target Compounds			
1) T n-Nonane (C9)	3.661	2610920	24.490 ug/ml
2) T n-Decane (C10)	4.894	3043910	27.804 ug/ml
3) T A~Naphthalene (C11.7)	6.594	3908326	32.163 ug/ml
4) T n-Dodecane (C12)	7.031	3592931	31.834 ug/ml
5) T A~2-methylnaphthalene...	7.679	3909843	32.750 ug/ml
6) T n-Tetradecane (C14)	8.846	4122262	35.442 ug/mlm
7) T n-Hexadecane (C16)	10.443	4322686	34.274 ug/ml
8) T n-Octadecane (C18)	11.880	4400584	33.260 ug/ml
10) T n-Eicosane (C20)	13.185	4548700	34.698 ug/ml
11) T n-Heneicosane (C21)	13.794	4339218	33.337 ug/mlm
13) T n-Docosane (C22)	14.379	4325756	32.962 ug/ml
14) T n-Tetracosane (C24)	15.481	8216503	61.857 ug/mlm
15) T n-Hexacosane (C26)	16.497	4058195	30.701 ug/mlm
16) T n-Octacosane (C28)	17.441	4019320	30.453 ug/ml
17) T n-Tricontane (C30)	18.327	4404319	32.304 ug/ml
18) T n-Dotriacontane (C32)	19.157	4011680	30.611 ug/mlm
19) T n-Tetratriacontane (C34)	19.939	3756974	33.371 ug/mlm
20) T n-Hexatriacontane (C36)	20.675	3461545	36.444 ug/mlm
21) T n-Octatriacontane (C38)	21.476	3439576	39.818 ug/mlm
22) T n-Tetracontane (C40)	22.500	3280836	39.811 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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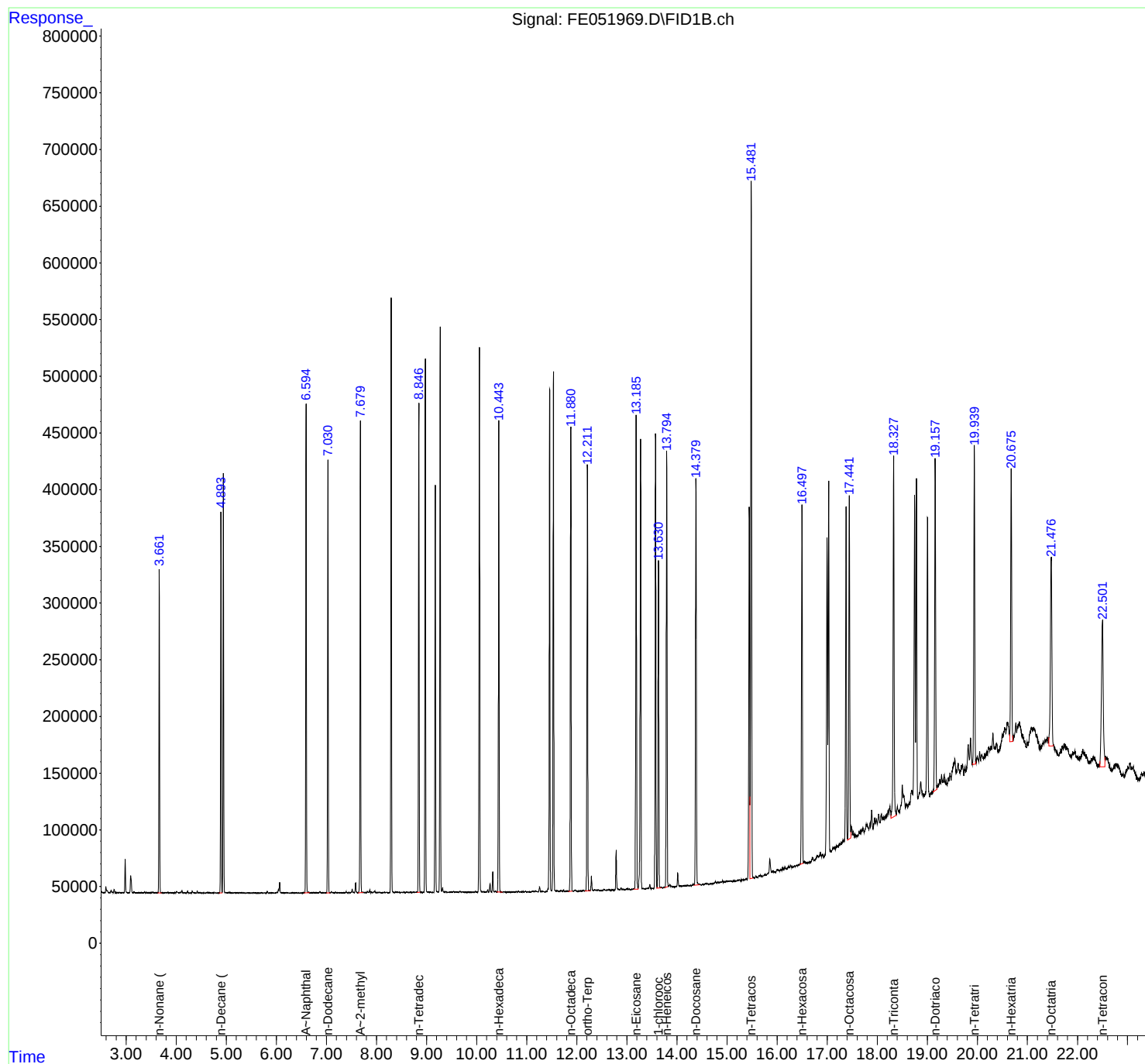
Instrument :
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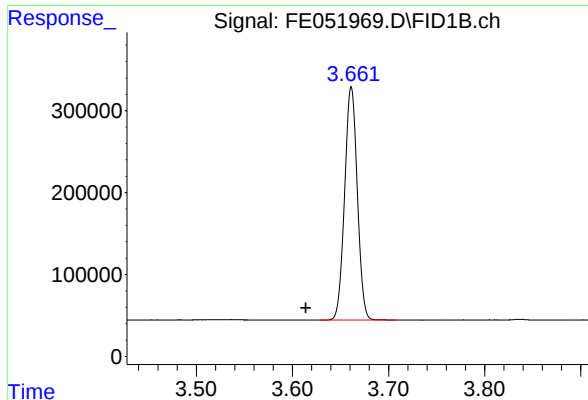
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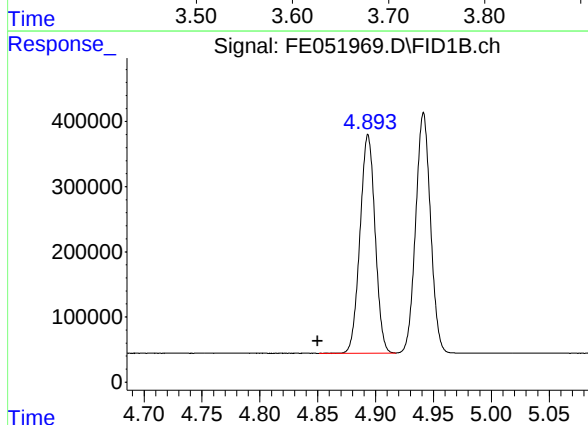
#1 n-Nonane (C9)

R.T.: 3.661 min
Delta R.T.: 0.047 min
Response: 2610920
Conc: 24.49 ug/ml

Instrument :
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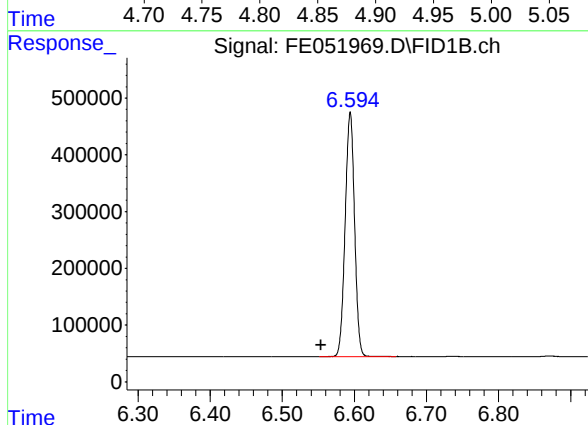
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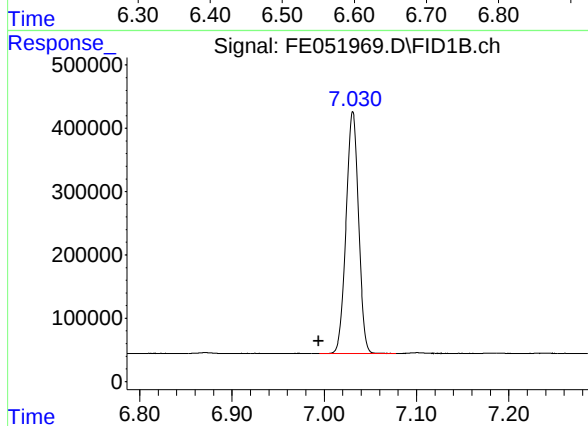
#2 n-Decane (C10)

R.T.: 4.894 min
Delta R.T.: 0.043 min
Response: 3043910
Conc: 27.80 ug/ml



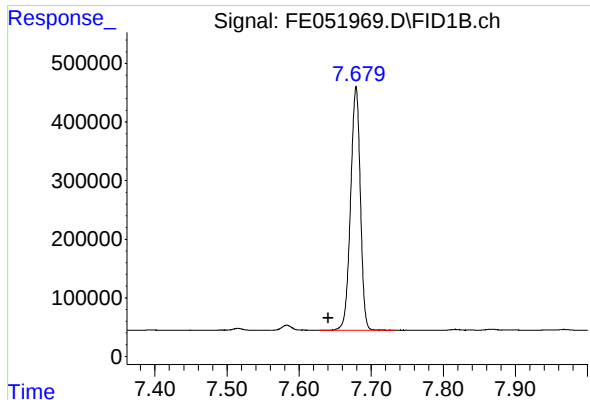
#3 A~Naphthalene (C11.7)

R.T.: 6.594 min
Delta R.T.: 0.041 min
Response: 3908326
Conc: 32.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.031 min
Delta R.T.: 0.037 min
Response: 3592931
Conc: 31.83 ug/ml



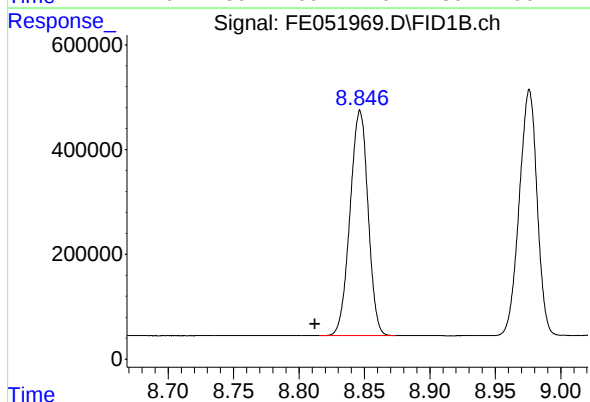
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.679 min
Delta R.T.: 0.038 min
Response: 3909843
Conc: 32.75 ug/ml

Instrument :
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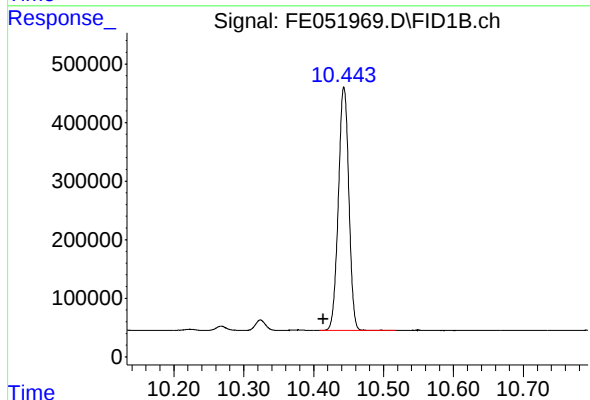
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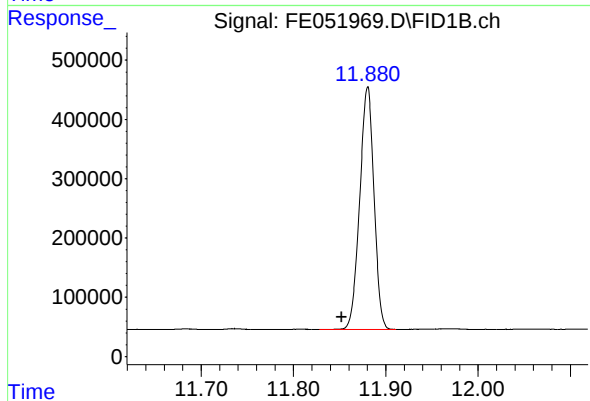
#6 n-Tetradecane (C14)

R.T.: 8.846 min
Delta R.T.: 0.034 min
Response: 4122262
Conc: 35.44 ug/ml



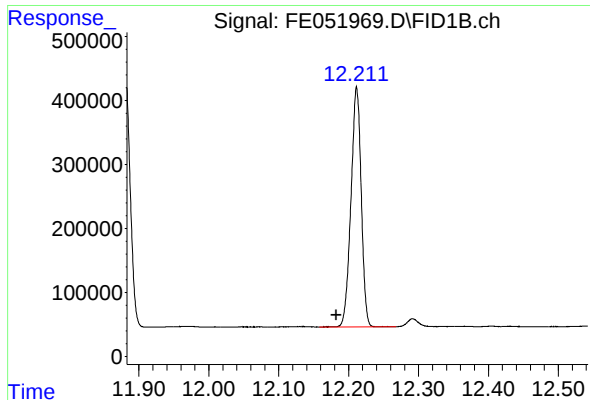
#7 n-Hexadecane (C16)

R.T.: 10.443 min
Delta R.T.: 0.030 min
Response: 4322686
Conc: 34.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.880 min
Delta R.T.: 0.028 min
Response: 4400584
Conc: 33.26 ug/ml



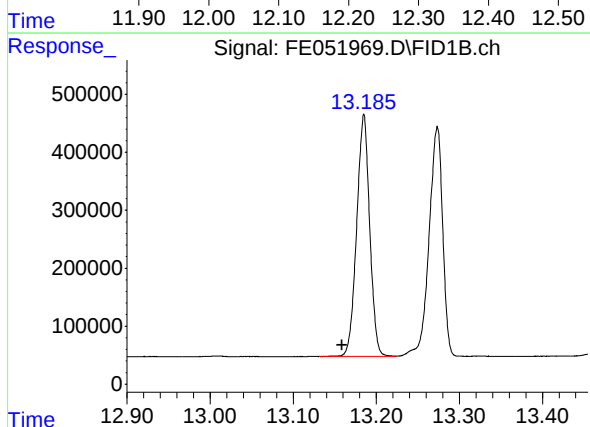
#9 ortho-Terphenyl (SURR)

R.T.: 12.211 min
Delta R.T.: 0.029 min
Response: 3814667
Conc: 26.69 ug/ml

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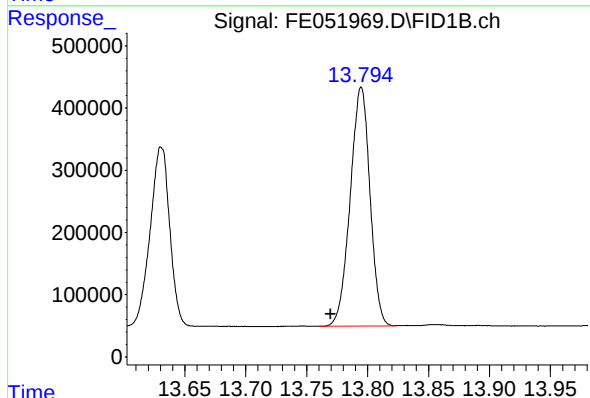
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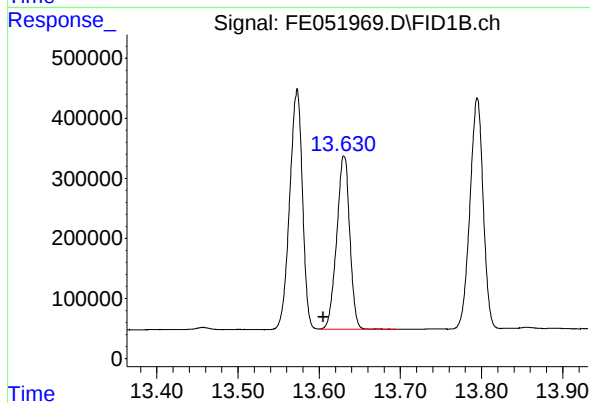
#10 n-Eicosane (C20)

R.T.: 13.185 min
Delta R.T.: 0.026 min
Response: 4548700
Conc: 34.70 ug/ml



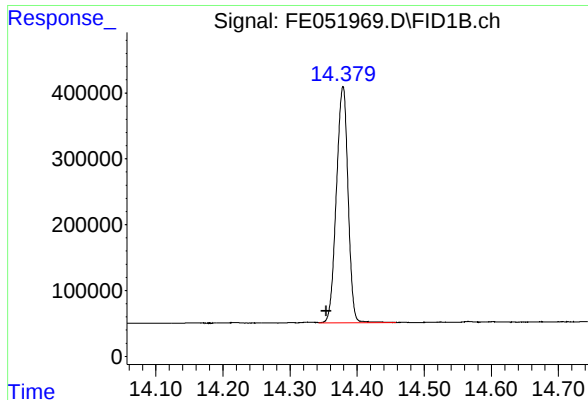
#11 n-Heneicosane (C21)

R.T.: 13.794 min
Delta R.T.: 0.025 min
Response: 4339218
Conc: 33.34 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.631 min
Delta R.T.: 0.026 min
Response: 3241846
Conc: 28.26 ug/ml



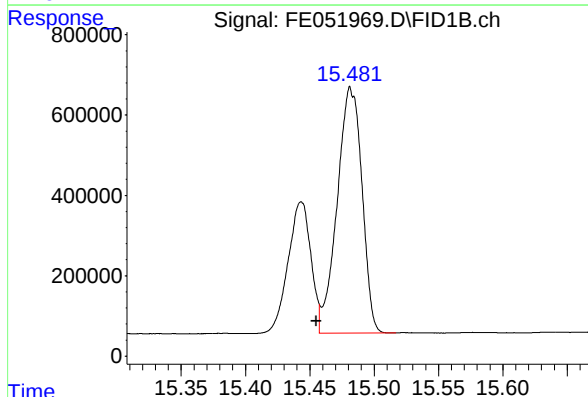
#13 n-Docosane (C22)

R.T.: 14.379 min
Delta R.T.: 0.024 min
Response: 4325756
Conc: 32.96 ug/ml

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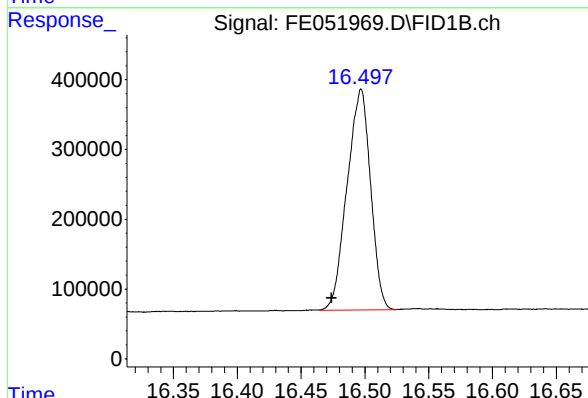
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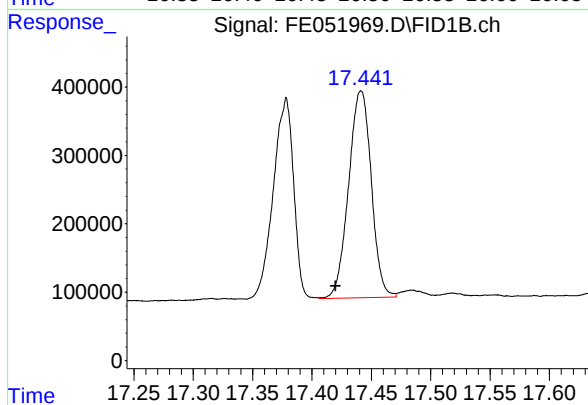
#14 n-Tetracosane (C24)

R.T.: 15.481 min
Delta R.T.: 0.026 min
Response: 8216503
Conc: 61.86 ug/ml m



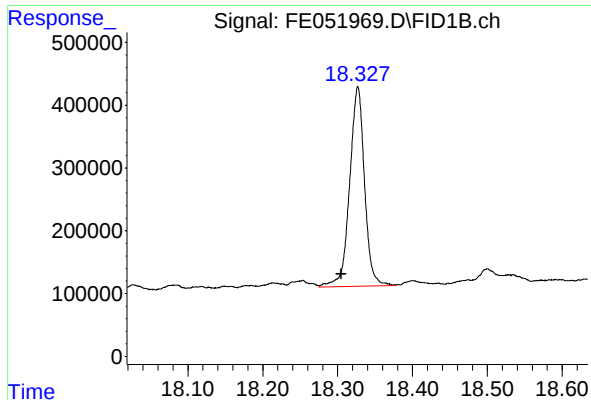
#15 n-Hexacosane (C26)

R.T.: 16.497 min
Delta R.T.: 0.023 min
Response: 4058195
Conc: 30.70 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.441 min
Delta R.T.: 0.021 min
Response: 4019320
Conc: 30.45 ug/ml



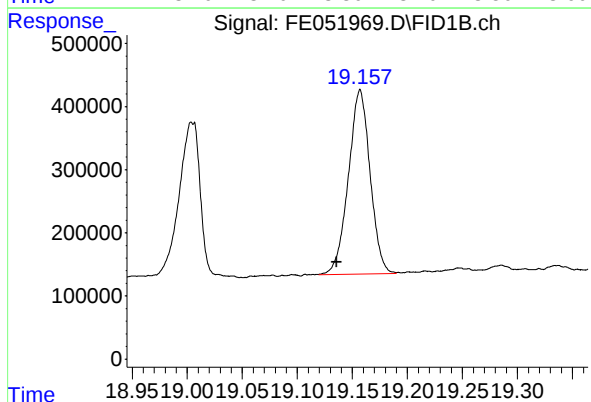
#17 n-Tricontane (C30)

R.T.: 18.327 min
Delta R.T.: 0.022 min
Response: 4404319
Conc: 32.30 ug/ml

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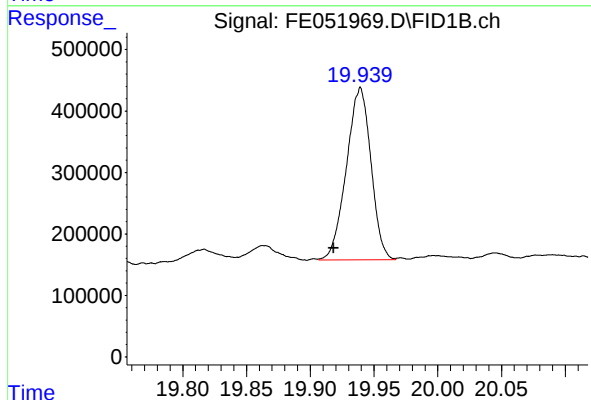
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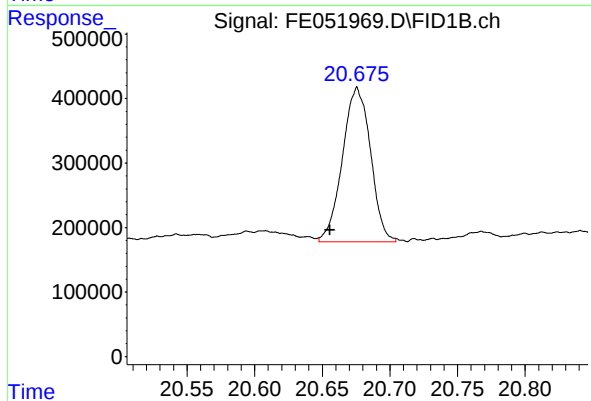
#18 n-Dotriacontane (C32)

R.T.: 19.157 min
Delta R.T.: 0.021 min
Response: 4011680
Conc: 30.61 ug/ml m



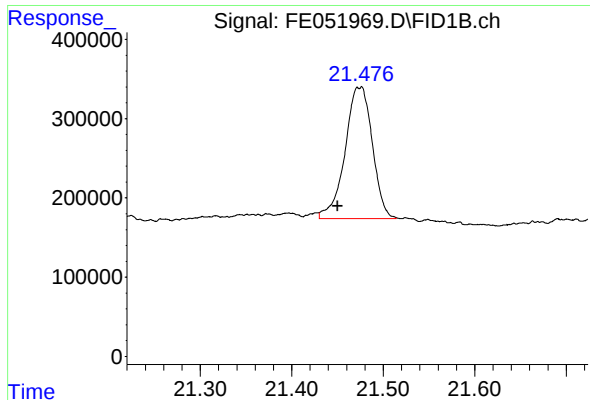
#19 n-Tetratriacontane (C34)

R.T.: 19.939 min
Delta R.T.: 0.020 min
Response: 3756974
Conc: 33.37 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.675 min
Delta R.T.: 0.020 min
Response: 3461545
Conc: 36.44 ug/ml m



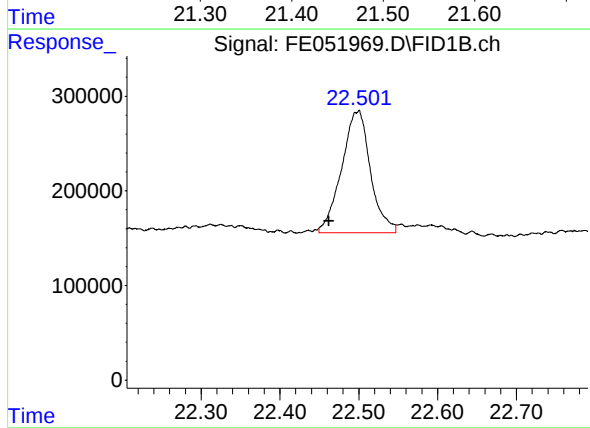
#21 n-Octatriacontane (C38)

R.T.: 21.476 min
Delta R.T.: 0.026 min
Response: 3439576
Conc: 39.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.500 min
Delta R.T.: 0.038 min
Response: 3280836
Conc: 39.81 ug/ml m