

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070725AL\
 Data File : FC069381.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 15:22
 Operator : YP/AJ
 Sample : Q2493-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-11MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/08/2025

Integration File: autoint1.e
 Quant Time: Jul 08 01:28:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.677	4776195	27.647 ug/ml
Spiked Amount 50.000		Recovery =	55.29%
12) S 1-chlorooctadecane (S...	13.111	3828460	29.305 ug/ml
Spiked Amount 50.000		Recovery =	58.61%
Target Compounds			
1) T n-Nonane (C9)	3.408	4212451	29.620 ug/ml
2) T n-Decane (C10)	4.481	4849554	33.126 ug/ml
3) T A~Naphthalene (C11.7)	6.075	6158422	38.276 ug/ml
4) T n-Dodecane (C12)	6.505	5396551	35.638 ug/ml
5) T A~2-methylnaphthalene...	7.135	6000739	37.919 ug/ml
6) T n-Tetradecane (C14)	8.307	5857450	37.789 ug/ml
7) T n-Hexadecane (C16)	9.909	6251495	38.255 ug/ml
8) T n-Octadecane (C18)	11.355	6203402	37.995 ug/ml
10) T n-Eicosane (C20)	12.668	6191231	40.561 ug/ml
11) T n-Heneicosane (C21)	13.280	5829433	39.550 ug/ml
13) T n-Docosane (C22)	13.867	5677930	39.462 ug/ml
14) T n-Tetracosane (C24)	14.966	10970519	79.536 ug/ml
15) T n-Hexacosane (C26)	15.995	5167955	39.534 ug/ml
16) T n-Octacosane (C28)	16.945	4907832	39.795 ug/ml
17) T n-Tricontane (C30)	17.835	4762289	40.058 ug/ml
18) T n-Dotriacontane (C32)	18.667	4661095	42.630 ug/ml
19) T n-Tetratriacontane (C34)	19.452	4813031	49.842 ug/ml
20) T n-Hexatriacontane (C36)	20.193	4619343	56.052 ug/ml
21) T n-Octatriacontane (C38)	20.961	4680221	62.628 ug/ml
22) T n-Tetracontane (C40)	21.927	4625095	65.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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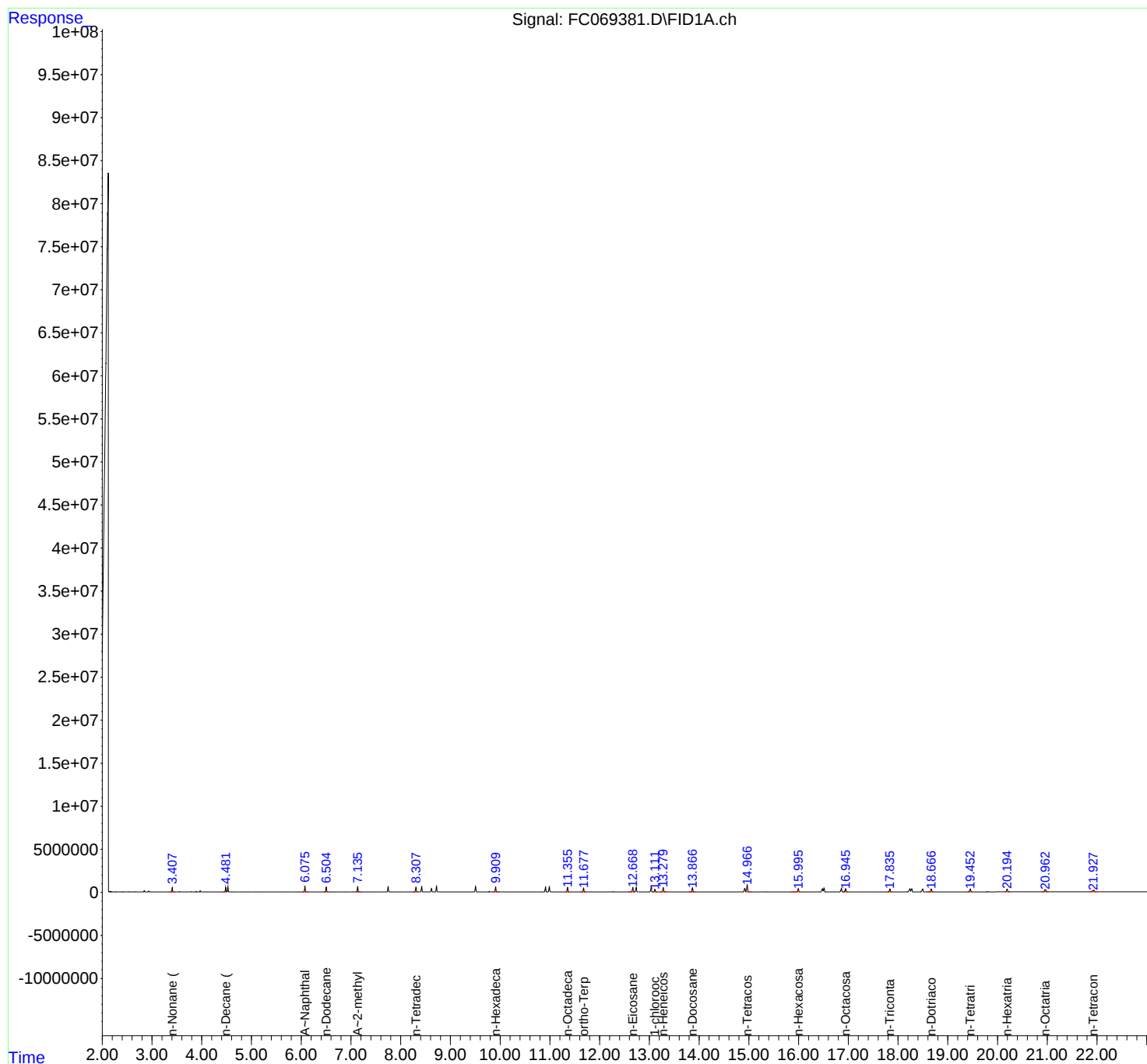
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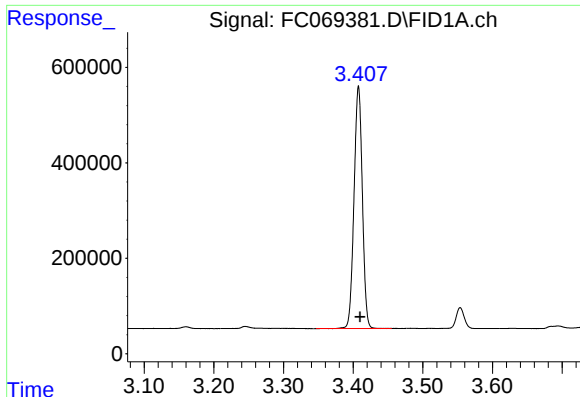
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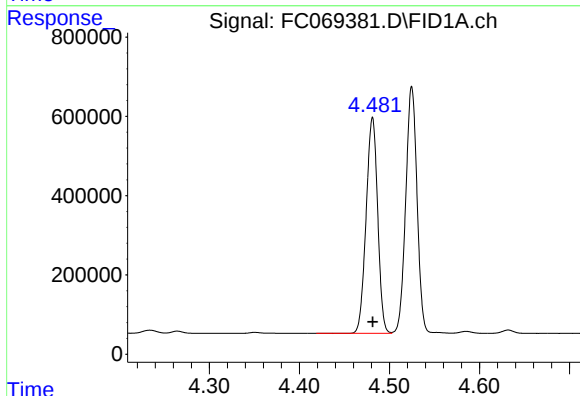
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.002 min
Response: 4212451
Conc: 29.62 ug/ml

Instrument :
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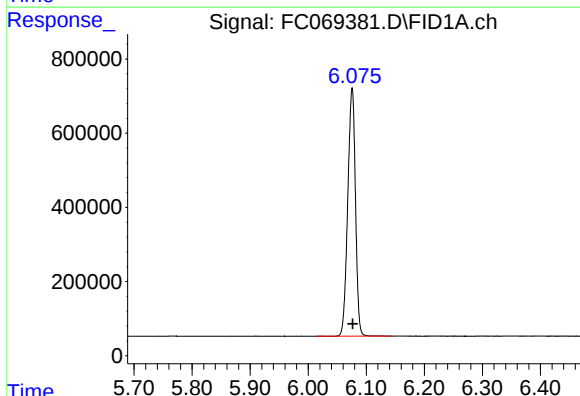
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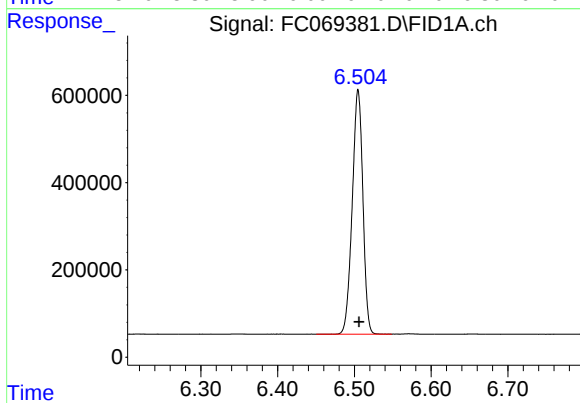
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 4849554
Conc: 33.13 ug/ml



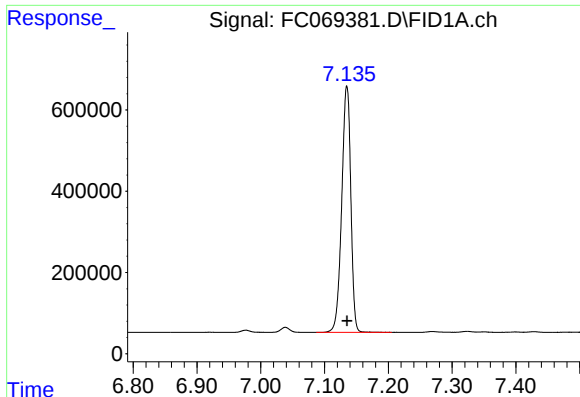
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 6158422
Conc: 38.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 5396551
Conc: 35.64 ug/ml



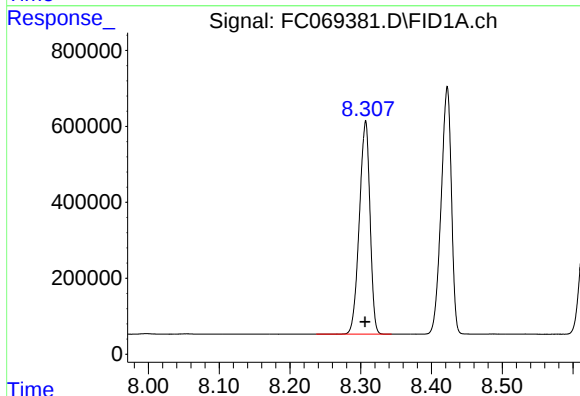
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 6000739
Conc: 37.92 ug/ml

Instrument :
FID_C
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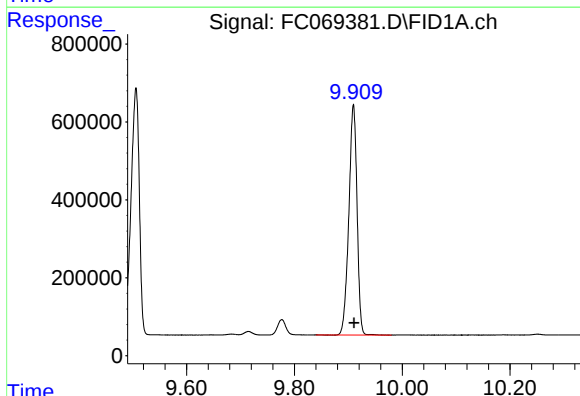
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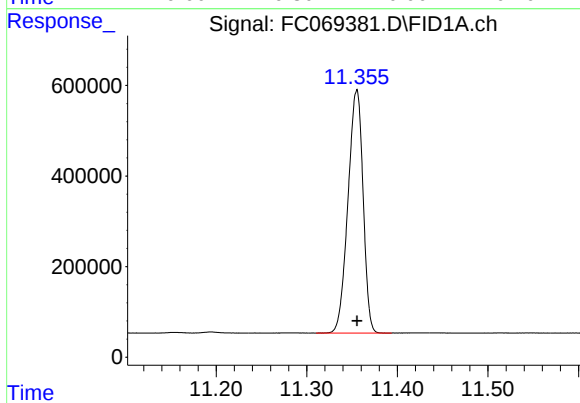
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 5857450
Conc: 37.79 ug/ml



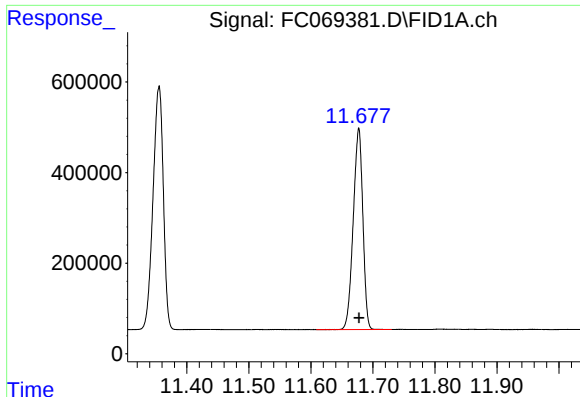
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.001 min
Response: 6251495
Conc: 38.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 6203402
Conc: 37.99 ug/ml



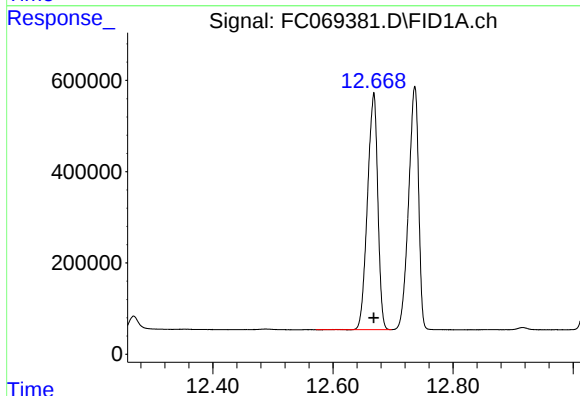
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 4776195
Conc: 27.65 ug/ml

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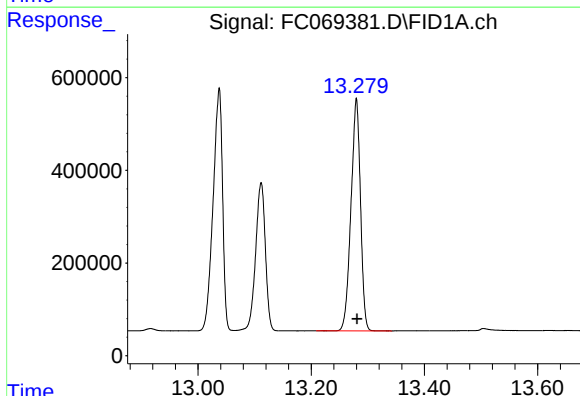
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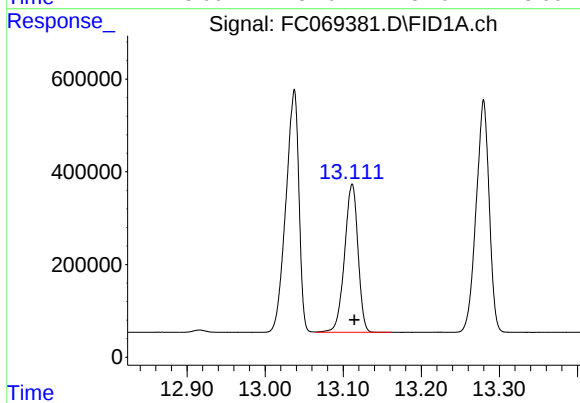
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 6191231
Conc: 40.56 ug/ml



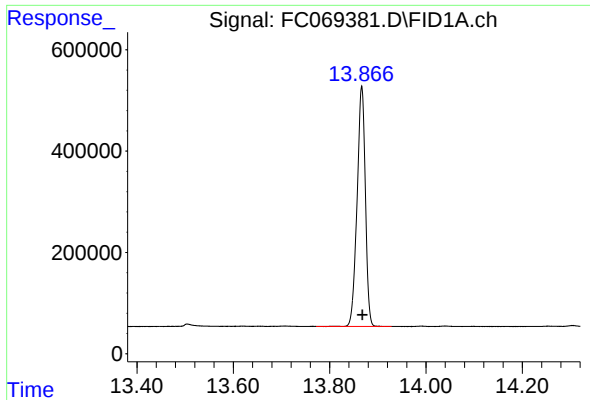
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 5829433
Conc: 39.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.003 min
Response: 3828460
Conc: 29.30 ug/ml



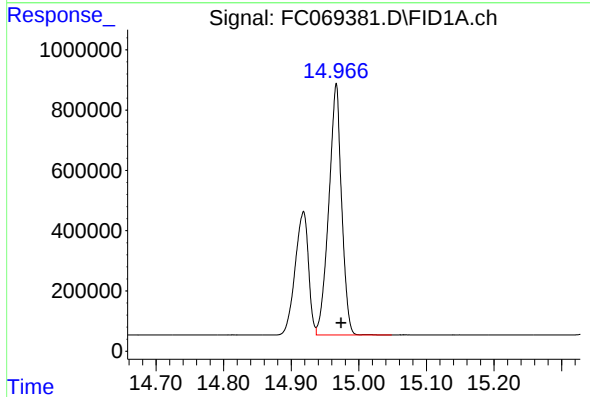
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: -0.002 min
Response: 5677930
Conc: 39.46 ug/ml

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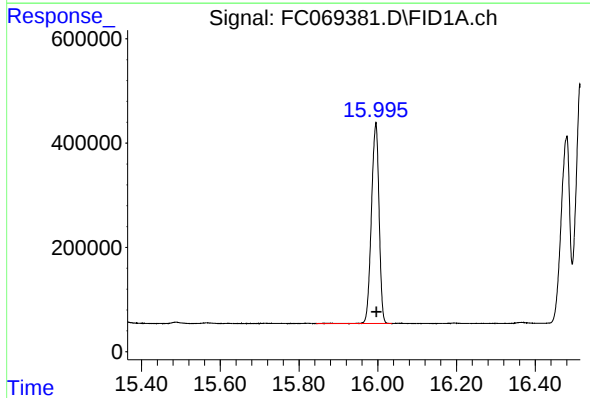
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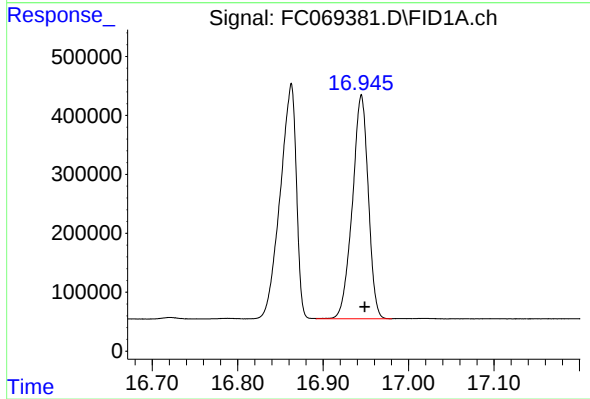
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.007 min
Response: 10970519
Conc: 79.54 ug/ml



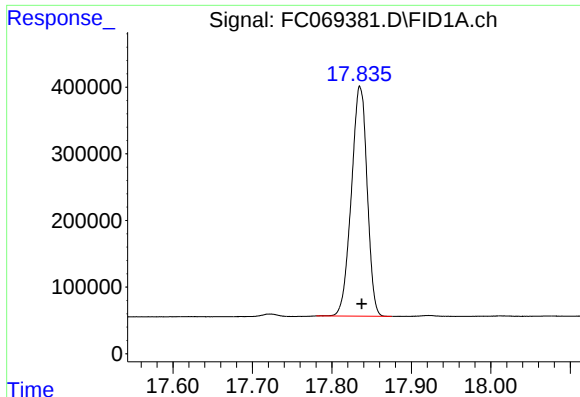
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.002 min
Response: 5167955
Conc: 39.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.004 min
Response: 4907832
Conc: 39.79 ug/ml



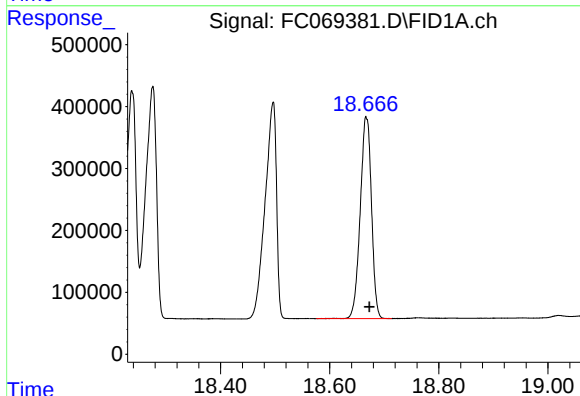
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.002 min
Response: 4762289
Conc: 40.06 ug/ml

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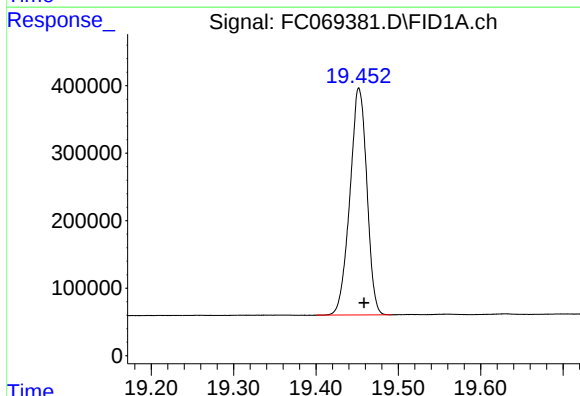
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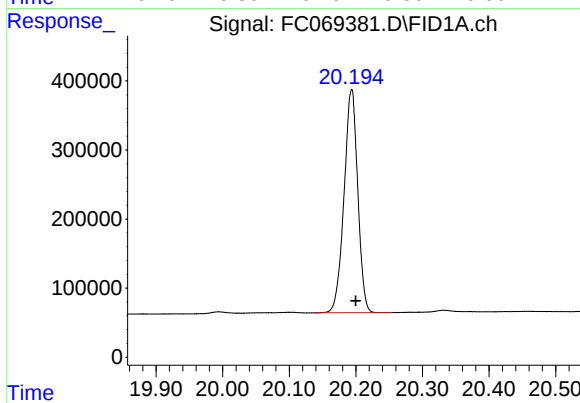
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 4661095
Conc: 42.63 ug/ml



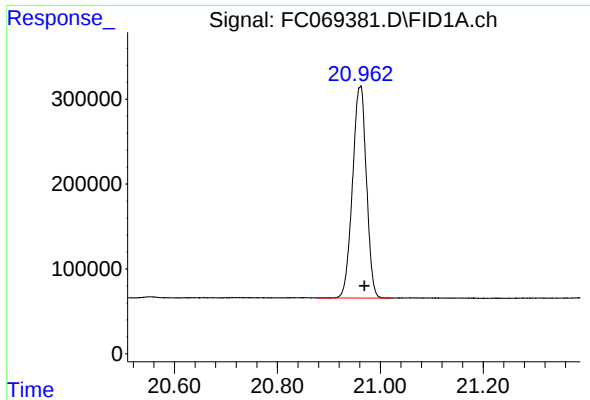
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.006 min
Response: 4813031
Conc: 49.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: -0.006 min
Response: 4619343
Conc: 56.05 ug/ml



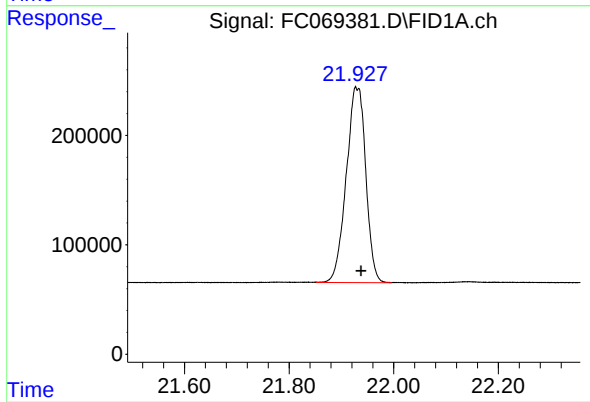
#21 n-Octatriacontane (C38)

R.T.: 20.961 min
Delta R.T.: -0.008 min
Response: 4680221
Conc: 62.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.011 min
Response: 4625095
Conc: 65.31 ug/ml m