

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070725AL\
 Data File : FC069382.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 16:10
 Operator : YP/AJ
 Sample : Q2493-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-11MSD

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 01:28:16 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)	11.675	4636396	26.837 ug/ml
Spiked Amount 50.000		Recovery =	53.67%
12) S 1-chlorooctadecane (S...	13.110	3713375	28.424 ug/ml
Spiked Amount 50.000		Recovery =	56.85%
Target Compounds			
1) T n-Nonane (C9)	3.406	4051226	28.486 ug/ml
2) T n-Decane (C10)	4.479	4670635	31.904 ug/ml
3) T A~Naphthalene (C11.7)	6.074	5918369	36.784 ug/ml
4) T n-Dodecane (C12)	6.504	5193931	34.300 ug/ml
5) T A~2-methylnaphthalene...	7.134	5743367	36.293 ug/ml
6) T n-Tetradecane (C14)	8.306	5620725	36.262 ug/ml
7) T n-Hexadecane (C16)	9.908	5975893	36.569 ug/ml
8) T n-Octadecane (C18)	11.354	5925825	36.295 ug/ml
10) T n-Eicosane (C20)	12.666	5894804	38.619 ug/ml
11) T n-Heneicosane (C21)	13.279	5541144	37.594 ug/ml
13) T n-Docosane (C22)	13.866	5393833	37.488 ug/ml
14) T n-Tetracosane (C24)	14.965	10375146	75.220 ug/ml
15) T n-Hexacosane (C26)	15.995	4881469	37.342 ug/ml
16) T n-Octacosane (C28)	16.945	4655429	37.748 ug/ml
17) T n-Tricontane (C30)	17.835	4522597	38.042 ug/ml
18) T n-Dotriacontane (C32)	18.667	4432211	40.537 ug/ml
19) T n-Tetratriacontane (C34)	19.453	4585137	47.482 ug/ml
20) T n-Hexatriacontane (C36)	20.194	4404720	53.447 ug/ml
21) T n-Octatriacontane (C38)	20.962	4463010	59.721 ug/ml
22) T n-Tetracontane (C40)	21.932	4418895	62.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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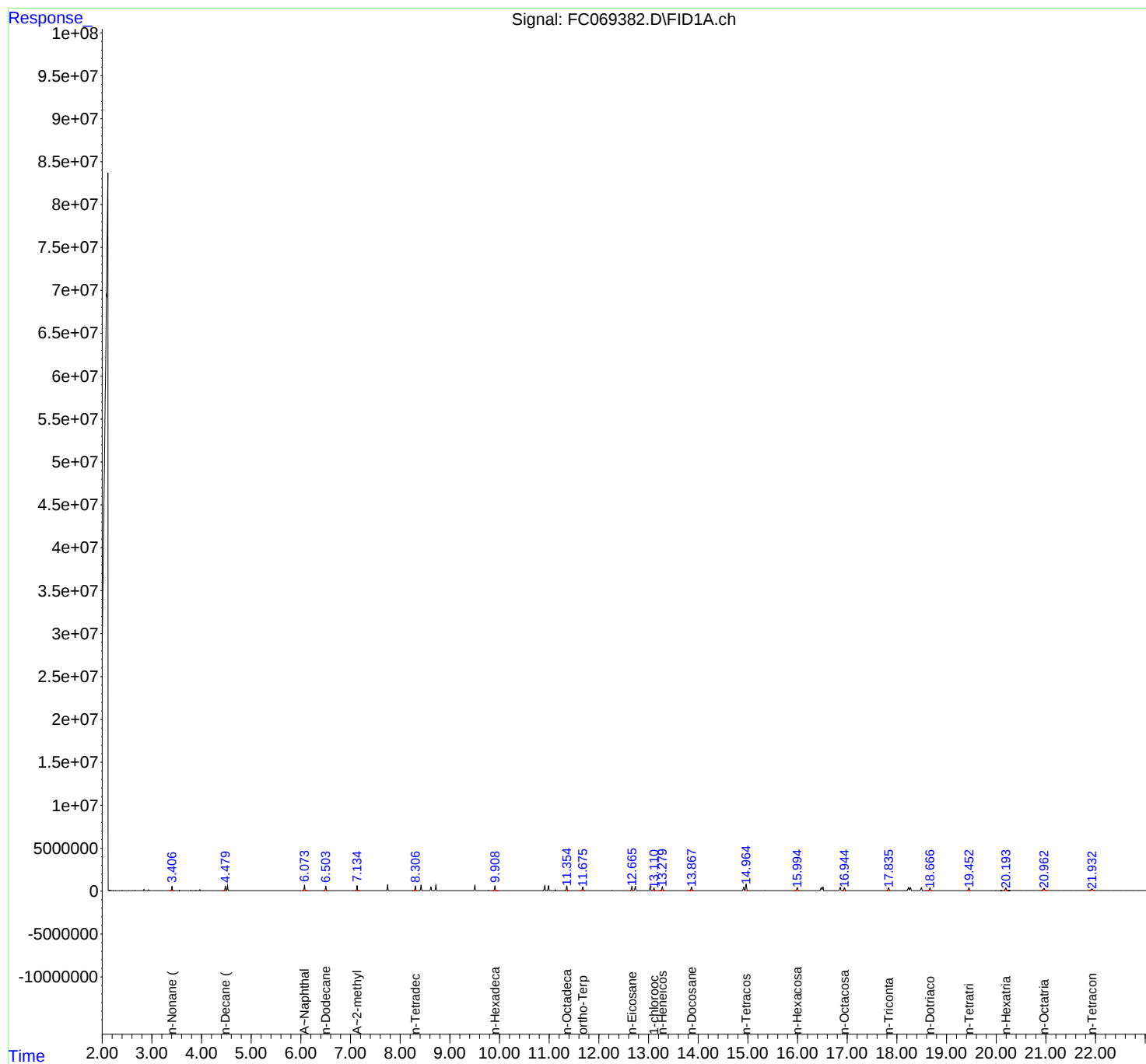
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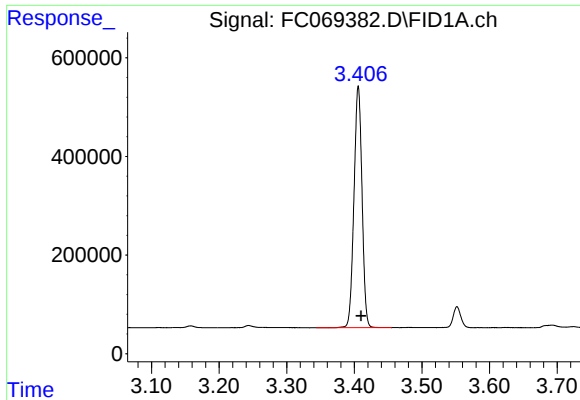
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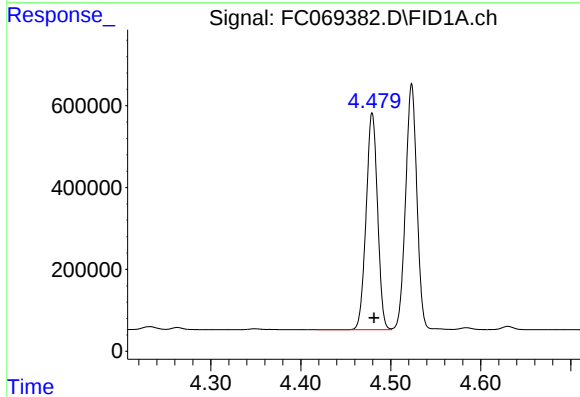
#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: -0.004 min
Response: 4051226
Conc: 28.49 ug/ml

Instrument :
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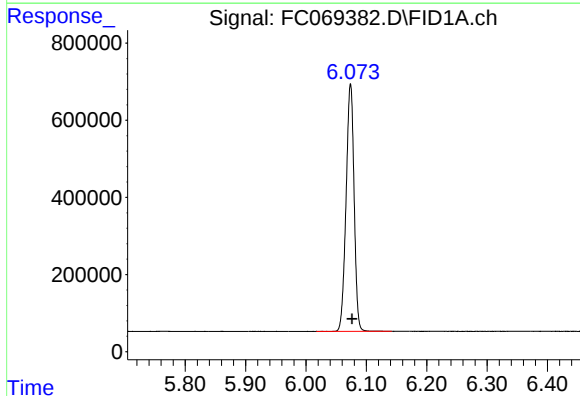
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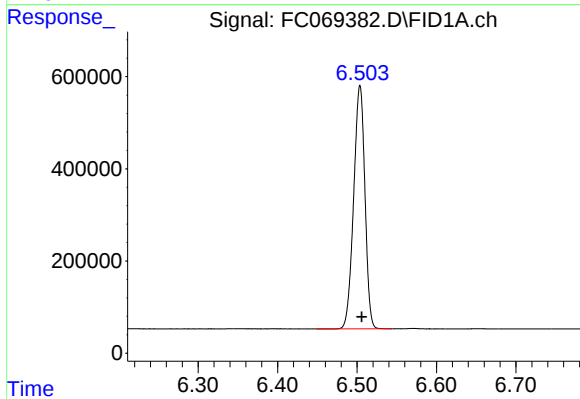
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 4670635
Conc: 31.90 ug/ml



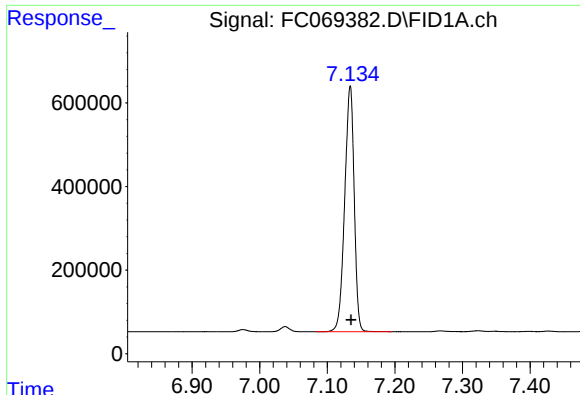
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 5918369
Conc: 36.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 5193931
Conc: 34.30 ug/ml



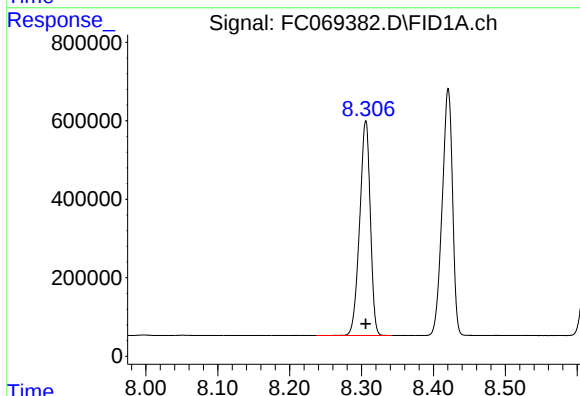
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 5743367
Conc: 36.29 ug/ml

Instrument :
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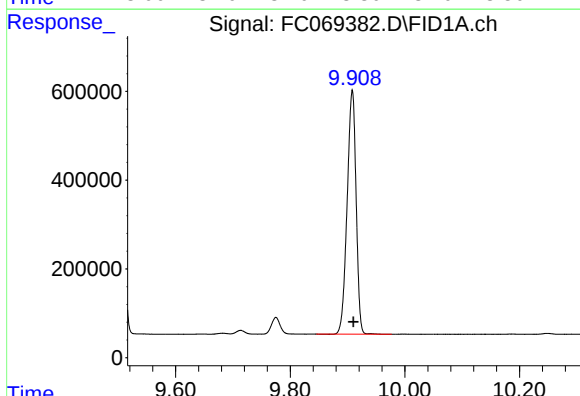
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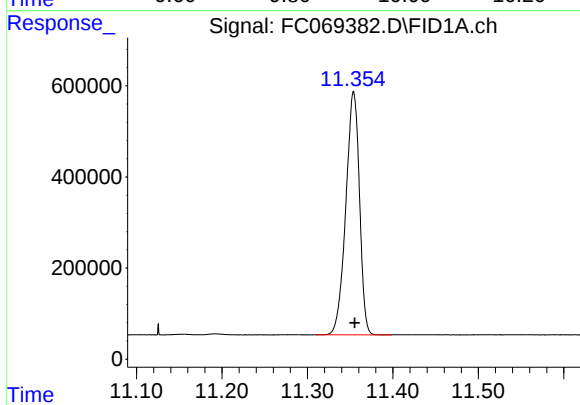
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 5620725
Conc: 36.26 ug/ml



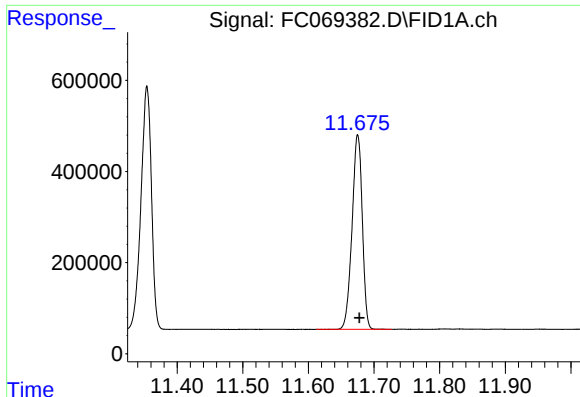
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.003 min
Response: 5975893
Conc: 36.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.002 min
Response: 5925825
Conc: 36.29 ug/ml



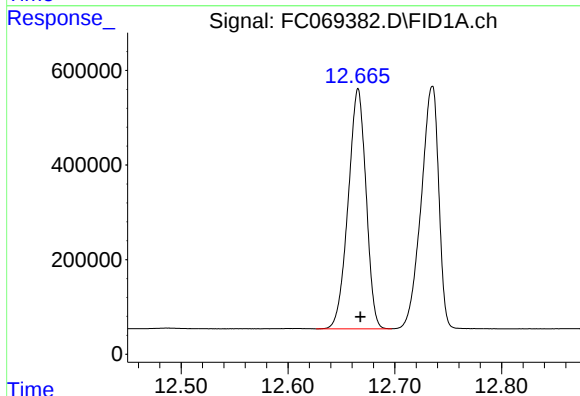
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 4636396
Conc: 26.84 ug/ml

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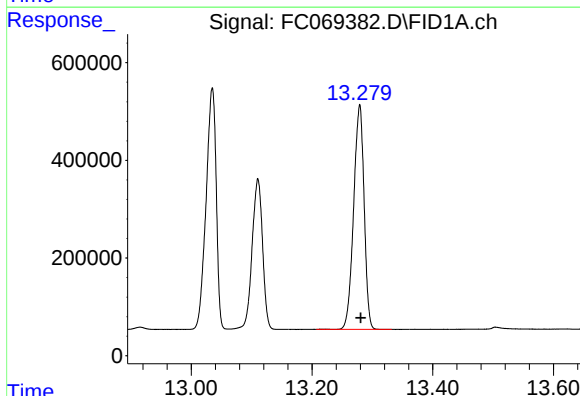
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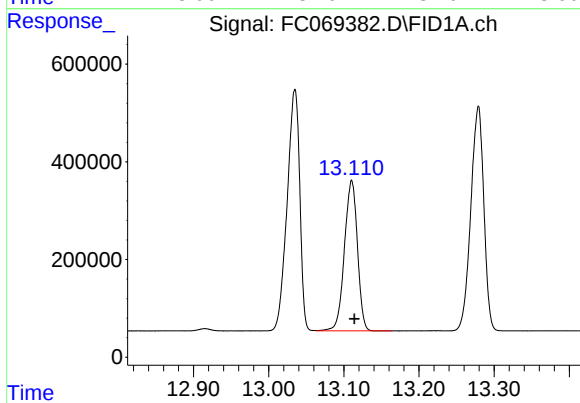
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 5894804
Conc: 38.62 ug/ml



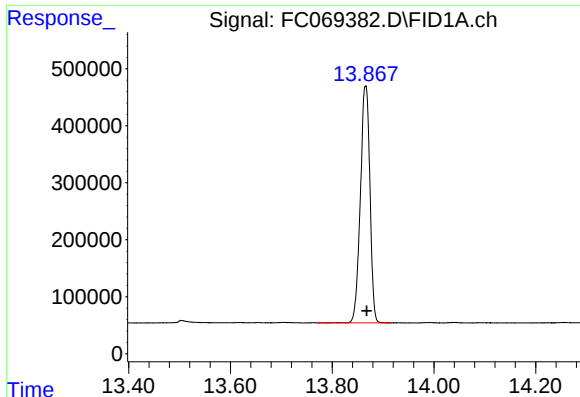
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 5541144
Conc: 37.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.004 min
Response: 3713375
Conc: 28.42 ug/ml



#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 5393833
Conc: 37.49 ug/ml

Instrument :

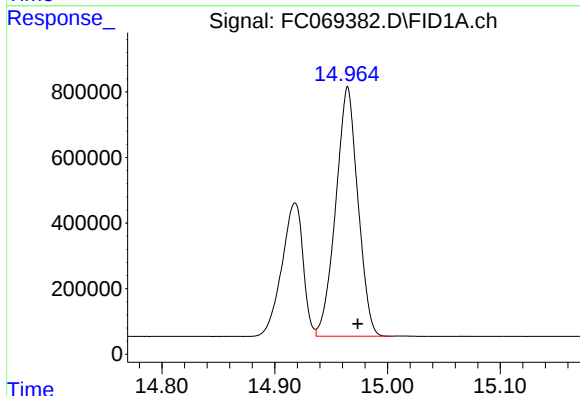
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ClientSampleId :

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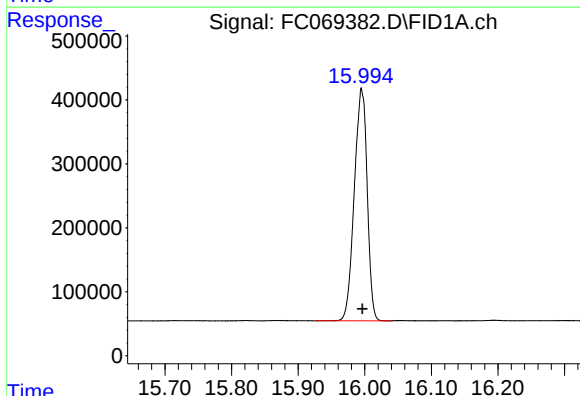
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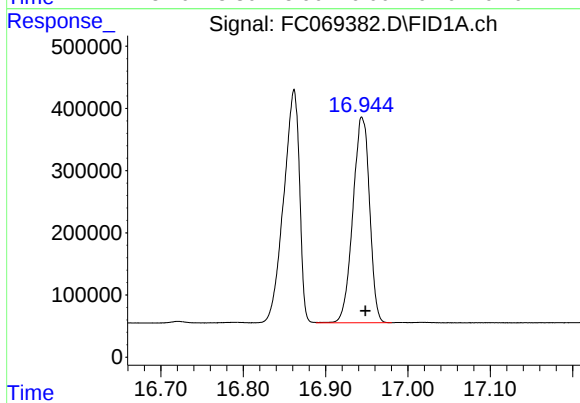
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.009 min
Response: 10375146
Conc: 75.22 ug/ml



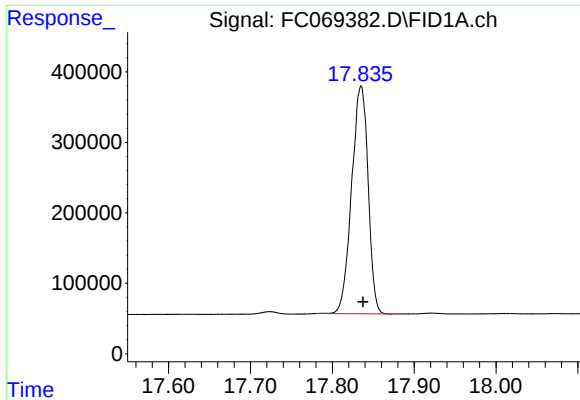
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.001 min
Response: 4881469
Conc: 37.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.004 min
Response: 4655429
Conc: 37.75 ug/ml



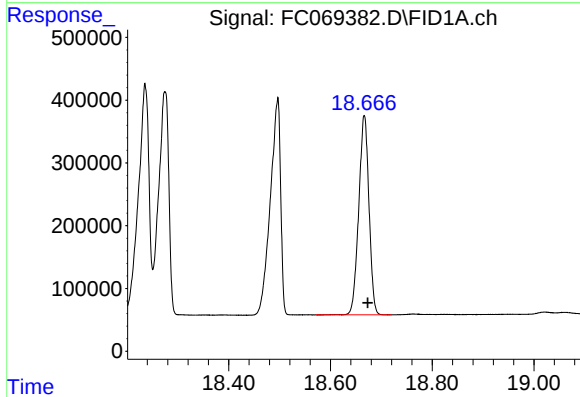
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.003 min
Response: 4522597
Conc: 38.04 ug/ml

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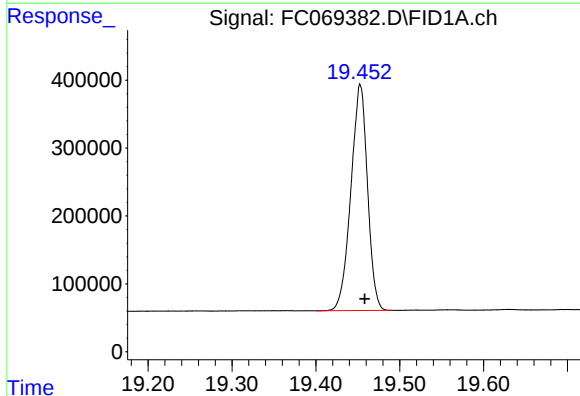
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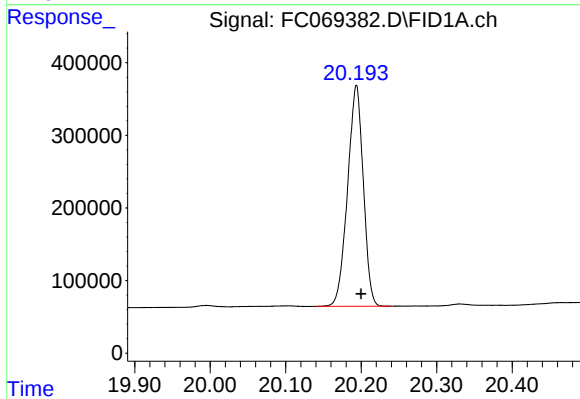
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 4432211
Conc: 40.54 ug/ml



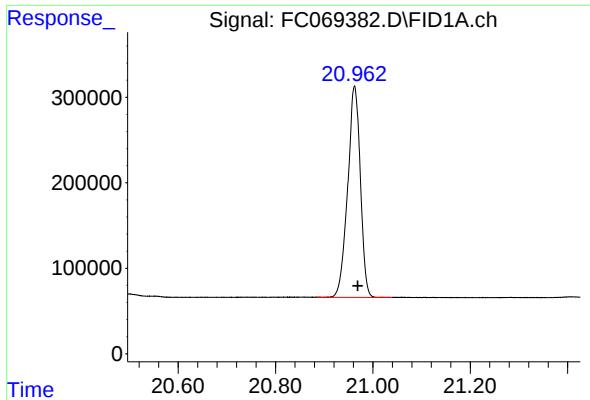
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.005 min
Response: 4585137
Conc: 47.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.006 min
Response: 4404720
Conc: 53.45 ug/ml



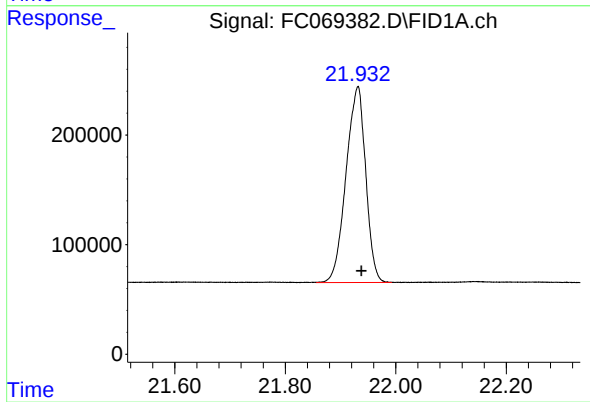
#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: -0.006 min
Response: 4463010
Conc: 59.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: -0.005 min
Response: 4418895
Conc: 62.40 ug/ml m