

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071625AL\
 Data File : FC069465.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2025 19:54
 Operator : YP/AJ
 Sample : Q2600-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
 Quant Time: Jul 17 06:51:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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			
12) S 1-chlorooctadecane (S...	13.111	3926188	34.742 ug/mlm
Spiked Amount 50.000		Recovery =	69.48%
Target Compounds			
1) T n-Nonane (C9)	3.402	2459979	18.077 ug/mlm
2) T n-Decane (C10)	4.476	4072971	29.264 ug/ml
4) T n-Dodecane (C12)	6.501	4759413	33.579 ug/ml
6) T n-Tetradecane (C14)	8.300	4783872	33.646 ug/ml
7) T n-Hexadecane (C16)	9.905	5223353	35.786 ug/ml
8) T n-Octadecane (C18)	11.350	5093443	35.408 ug/ml
10) T n-Eicosane (C20)	12.663	5231415	38.968 ug/mlm
11) T n-Heneicosane (C21)	13.276	4753772	36.598 ug/mlm
13) T n-Docosane (C22)	13.866	4942404	38.914 ug/mlm
14) T n-Tetracosane (C24)	14.972	4757464	38.979 ug/mlm
15) T n-Hexacosane (C26)	15.996	4435448	38.177 ug/mlm
16) T n-Octacosane (C28)	16.945	4322312	39.041 ug/mlm
17) T n-Tricontane (C30)	17.833	4292653	39.203 ug/mlm
18) T n-Dotriacontane (C32)	18.663	4073248	39.253 ug/ml
19) T n-Tetratriacontane (C34)	19.449	4101387	43.526 ug/ml
20) T n-Hexatriacontane (C36)	20.189	3741841	45.302 ug/ml
21) T n-Octatriacontane (C38)	20.955	3758850	49.488 ug/ml
22) T n-Tetracontane (C40)	21.920	3637730	49.663 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q2600-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

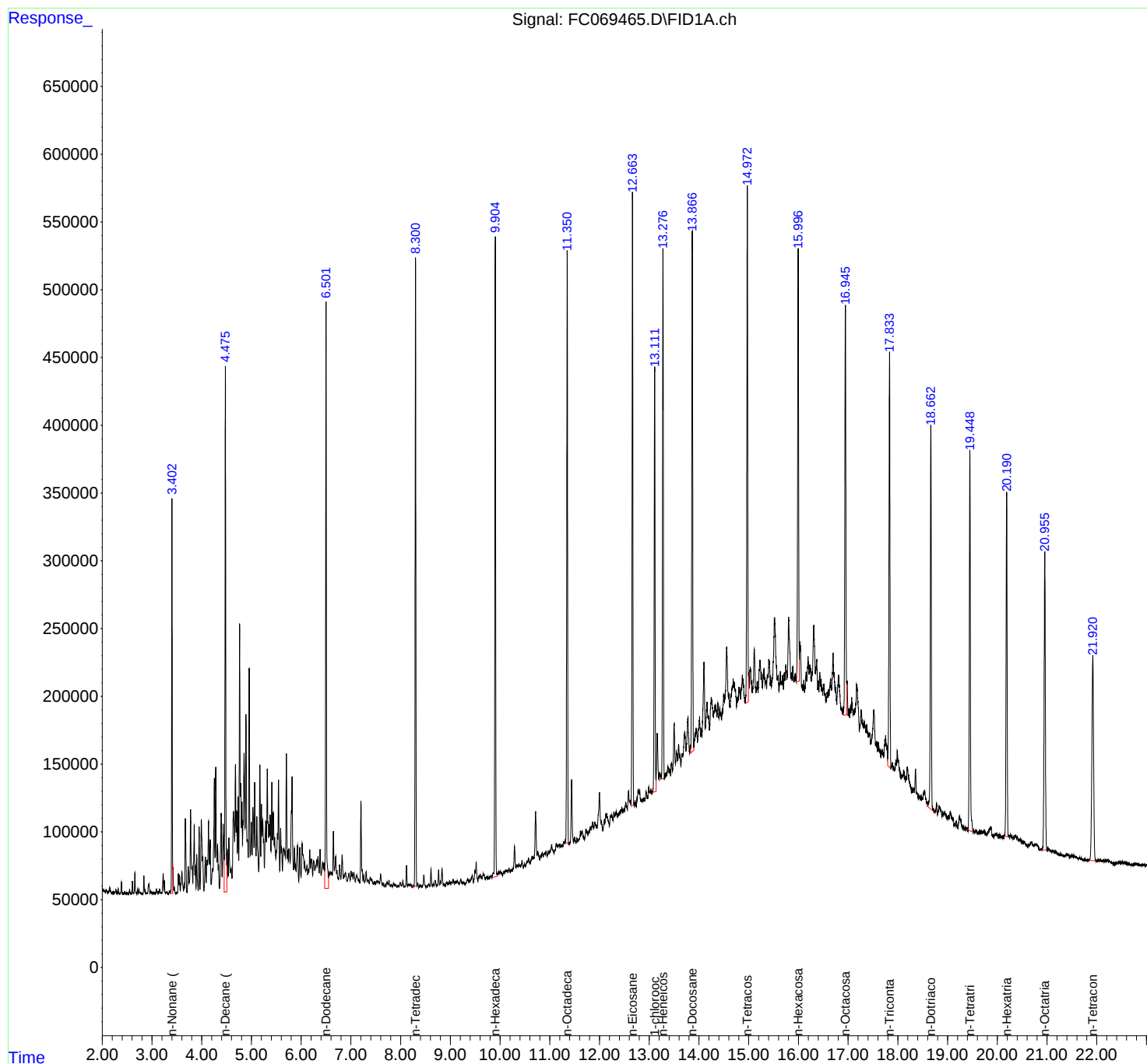
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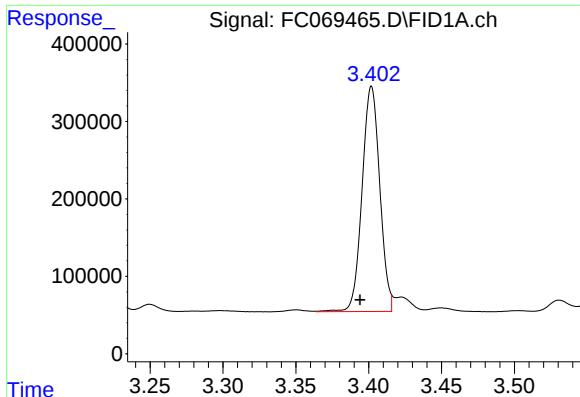
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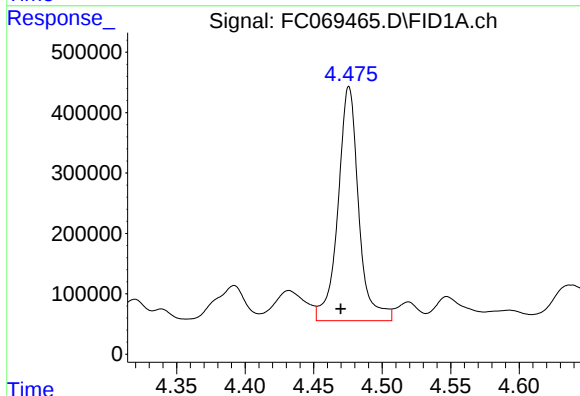
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.008 min
Response: 2459979
Conc: 18.08 ug/ml

Instrument :
FID_C
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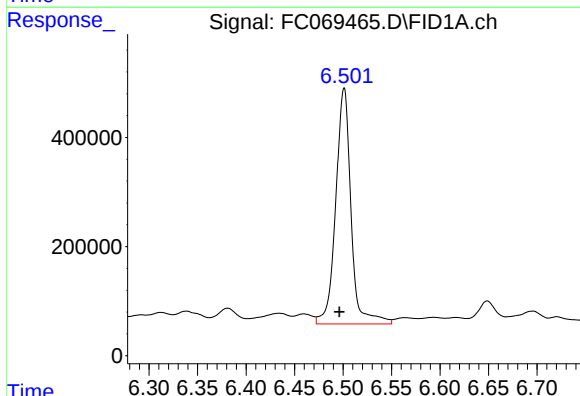
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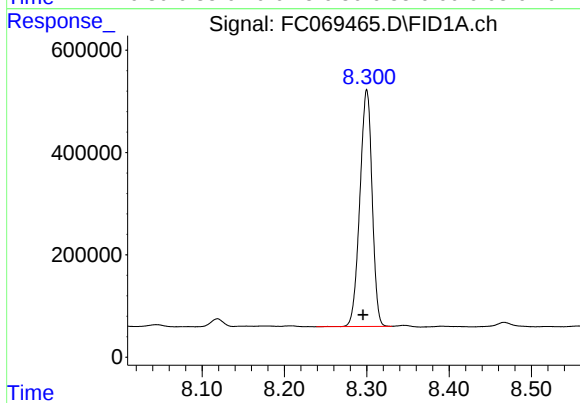
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.006 min
Response: 4072971
Conc: 29.26 ug/ml



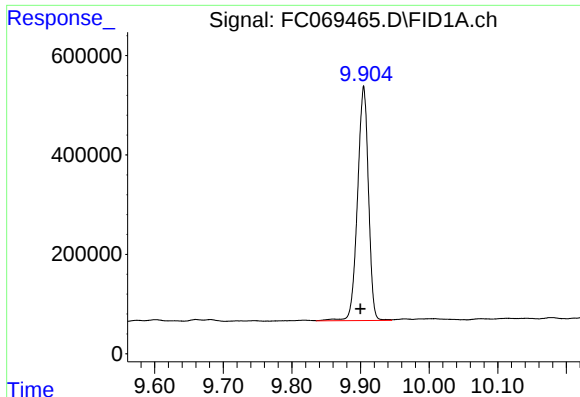
#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: 0.005 min
Response: 4759413
Conc: 33.58 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 4783872
Conc: 33.65 ug/ml



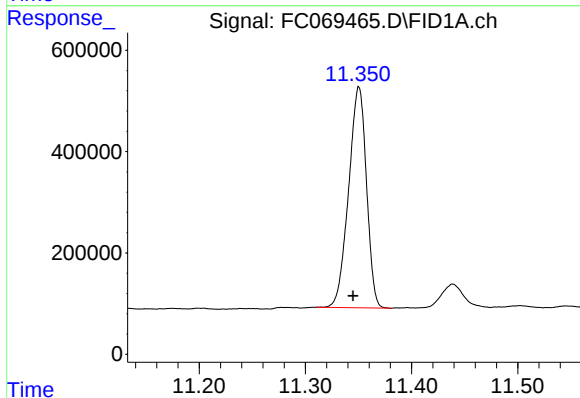
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: 0.005 min
Response: 5223353
Conc: 35.79 ug/ml

Instrument :
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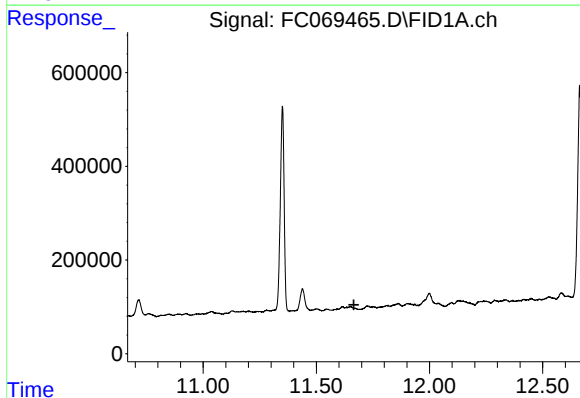
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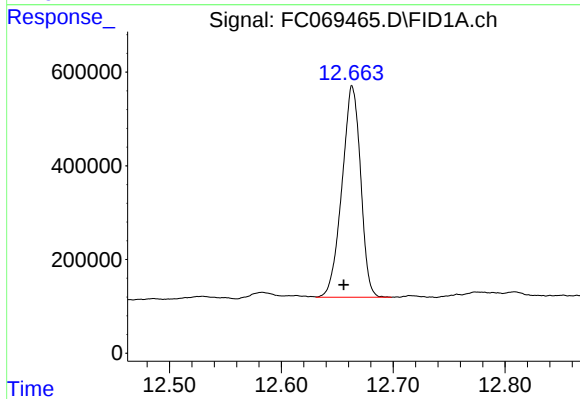
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: 0.005 min
Response: 5093443
Conc: 35.41 ug/ml



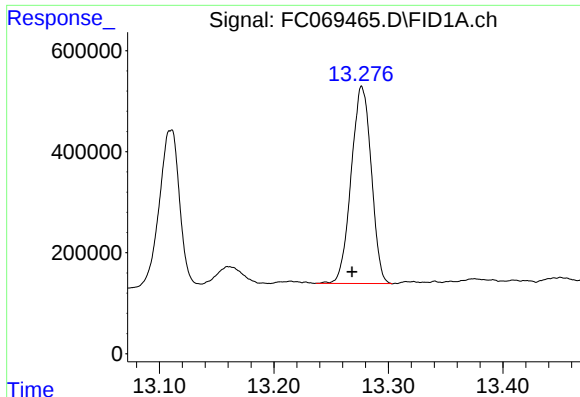
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.666 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.007 min
Response: 5231415
Conc: 38.97 ug/ml m



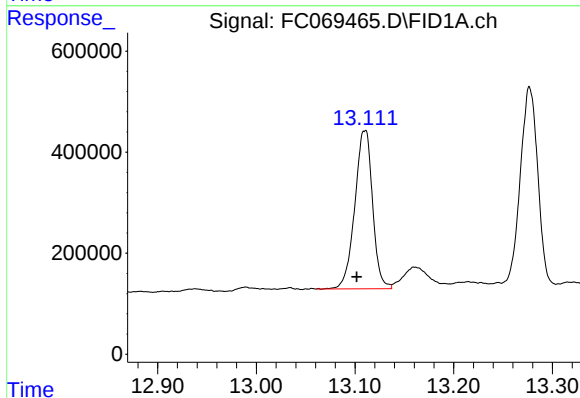
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.008 min
Response: 4753772
Conc: 36.60 ug/ml

Instrument :
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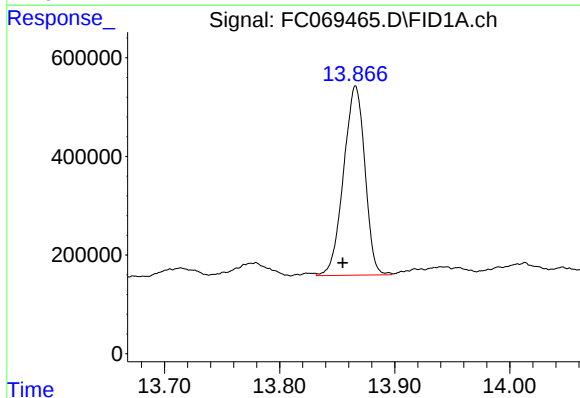
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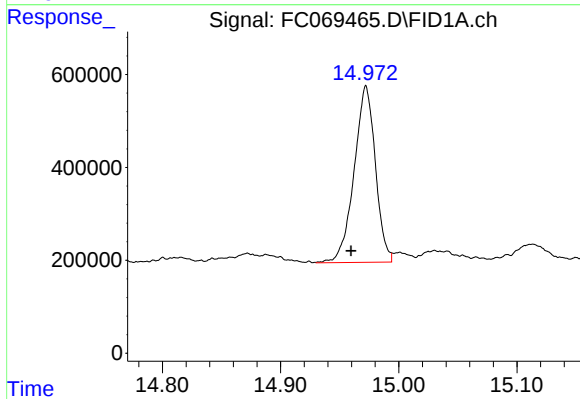
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.009 min
Response: 3926188
Conc: 34.74 ug/ml m



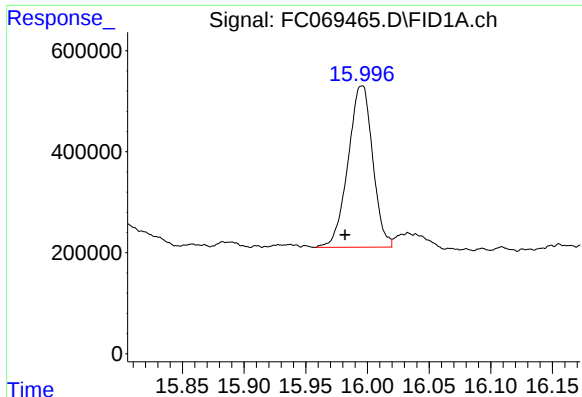
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: 0.011 min
Response: 4942404
Conc: 38.91 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: 0.012 min
Response: 4757464
Conc: 38.98 ug/ml m



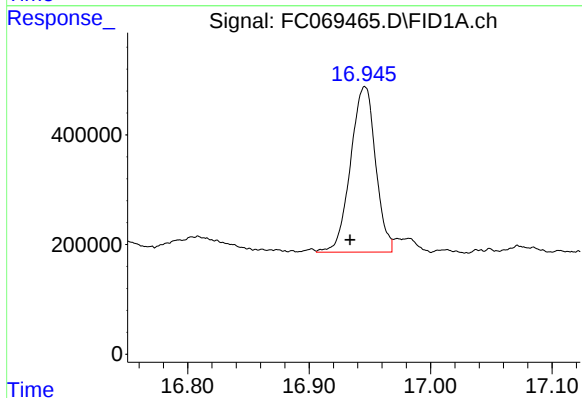
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.014 min
Response: 4435448
Conc: 38.18 ug/ml

Instrument :
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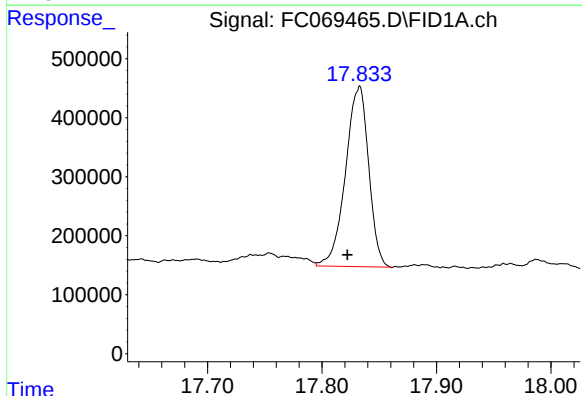
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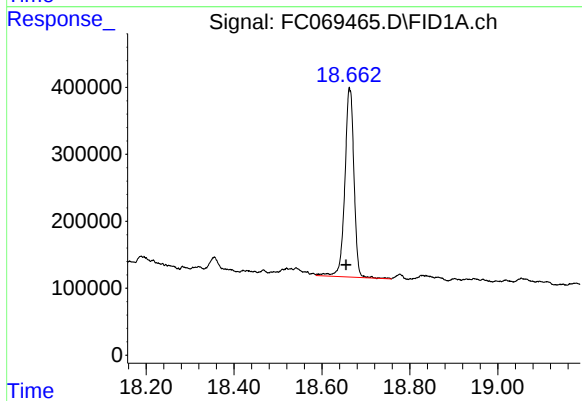
#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: 0.012 min
Response: 4322312
Conc: 39.04 ug/ml m



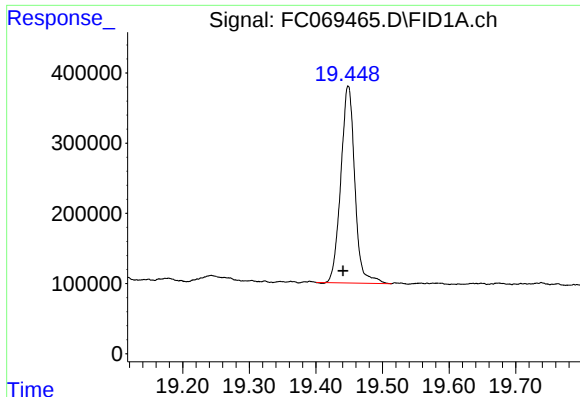
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: 0.011 min
Response: 4292653
Conc: 39.20 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.008 min
Response: 4073248
Conc: 39.25 ug/ml



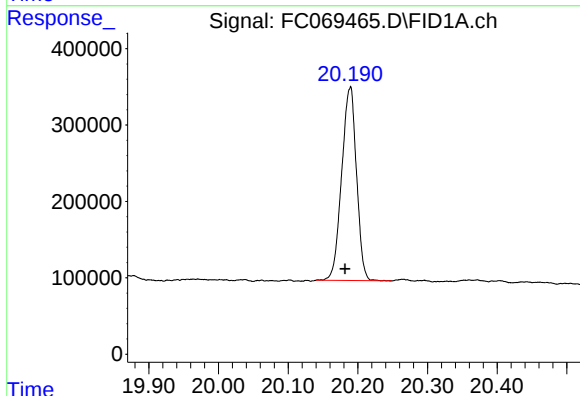
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.008 min
Response: 4101387
Conc: 43.53 ug/ml

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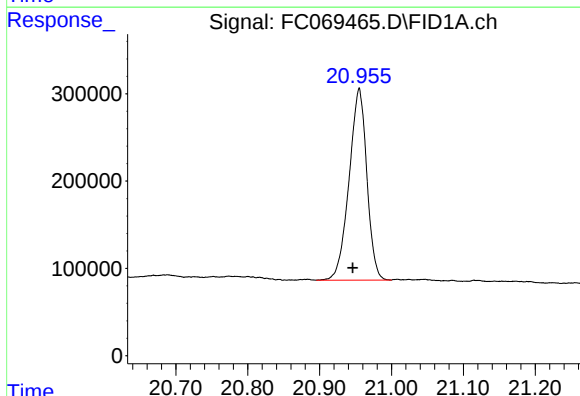
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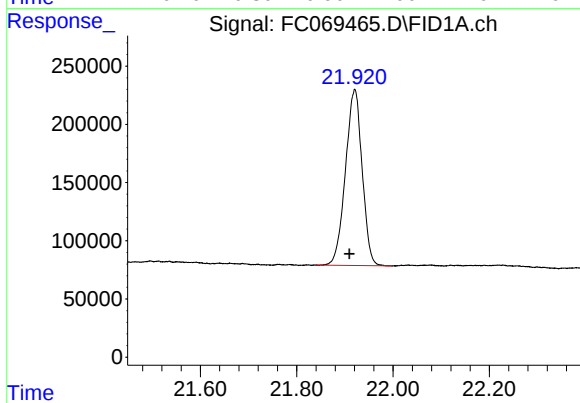
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: 0.007 min
Response: 3741841
Conc: 45.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: 0.009 min
Response: 3758850
Conc: 49.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: 0.011 min
Response: 3637730
Conc: 49.66 ug/ml