

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100925AL\
 Data File : FC069966.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 14:25
 Operator : YP/AJ
 Sample : Q3301-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2025
 Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E
 Quant Time: Oct 09 05:51:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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...	13.104	7583677	55.868 ug/mlm
Spiked Amount 50.000		Recovery =	111.74%
Target Compounds			
1) T n-Nonane (C9)	3.385	5715378	41.622 ug/mlm
2) T n-Decane (C10)	4.463	16911518	117.636 ug/ml
4) T n-Dodecane (C12)	6.506	51937864	338.851 ug/ml
6) T n-Tetradecane (C14)	8.326f	80500617	506.154 ug/mlm
7) T n-Hexadecane (C16)	9.940f	95588031	567.217 ug/mlm
8) T n-Octadecane (C18)	11.382f	77161691	453.547 ug/mlm
10) T n-Eicosane (C20)	12.681	56054227	349.392 ug/mlm
11) T n-Heneicosane (C21)	13.286	41798262	269.191 ug/mlm
13) T n-Docosane (C22)	13.863	31618639	205.455 ug/ml
14) T n-Tetracosane (C24)	14.951	14034905	92.560 ug/ml
15) T n-Hexacosane (C26)	15.967	9046272	62.500 ug/ml
16) T n-Octacosane (C28)	16.916	7934359	57.369 ug/ml
17) T n-Tricontane (C30)	17.803	7394938	54.162 ug/ml
18) T n-Dotriacontane (C32)	18.636	7010237	54.371 ug/ml
19) T n-Tetratriacontane (C34)	19.419	6809166	59.677 ug/ml
20) T n-Hexatriacontane (C36)	20.160	6339800	65.554 ug/ml
21) T n-Octatriacontane (C38)	20.918	6080766	69.767 ug/ml
22) T n-Tetracontane (C40)	21.872	5881872	71.588 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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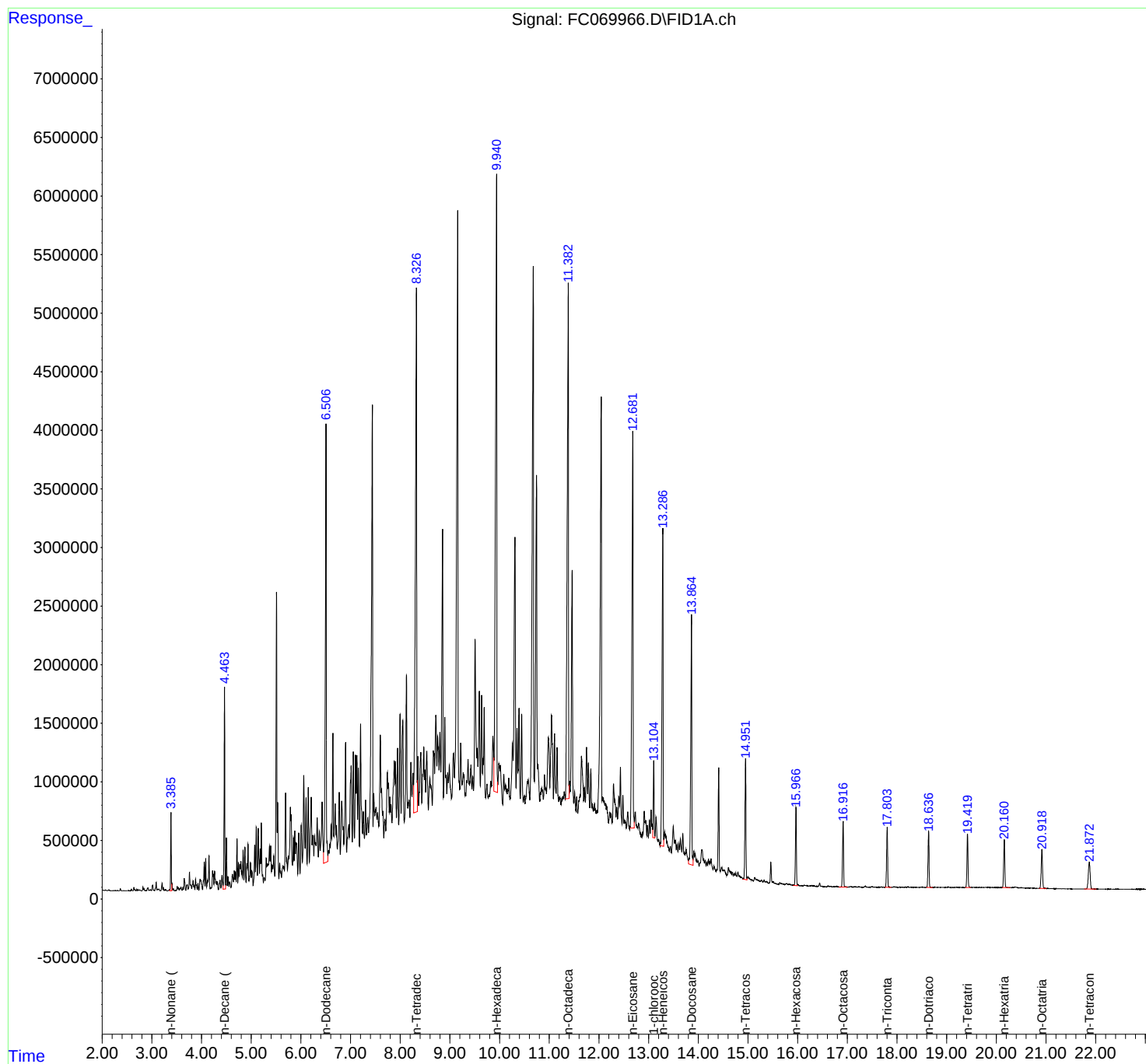
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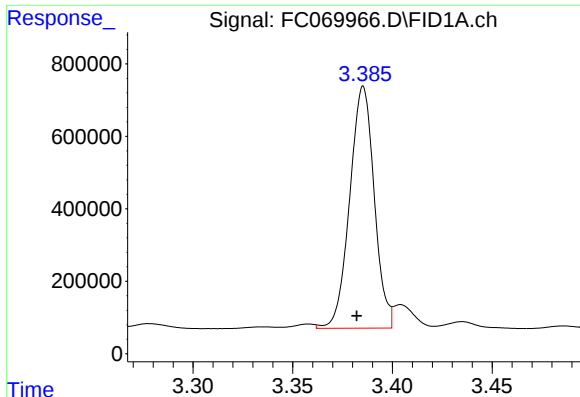
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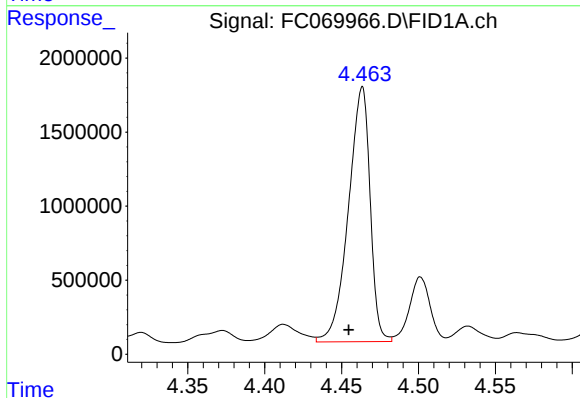
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: 0.003 min
Response: 5715378
Conc: 41.62 ug/ml

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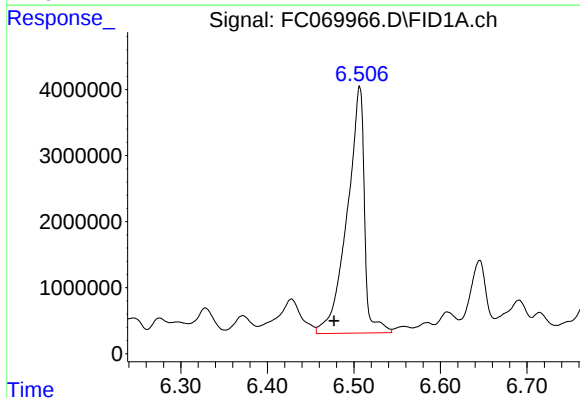
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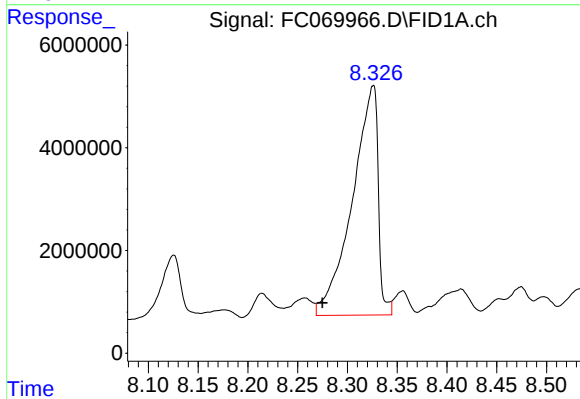
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.008 min
Response: 16911518
Conc: 117.64 ug/ml



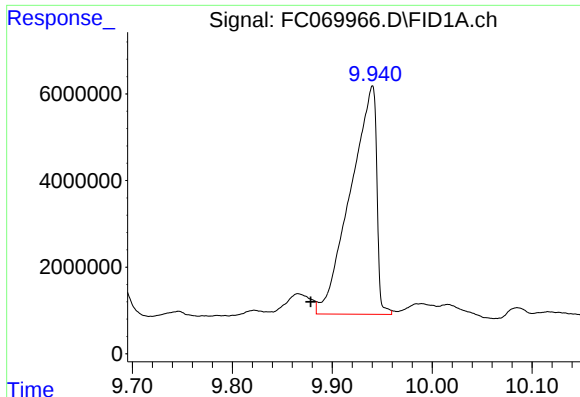
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.029 min
Response: 51937864
Conc: 338.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: 0.051 min
Response: 80500617
Conc: 506.15 ug/ml m



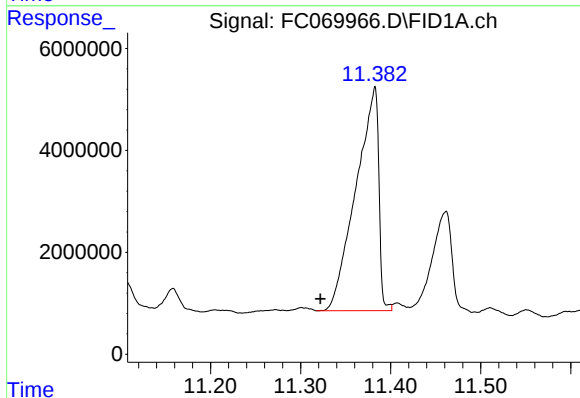
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: 0.062 min
Response: 95588031
Conc: 567.22 ug/ml

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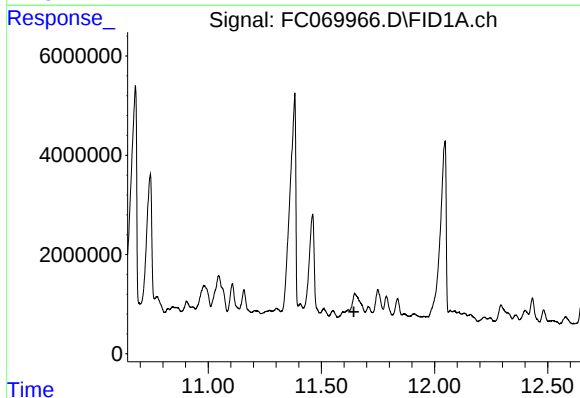
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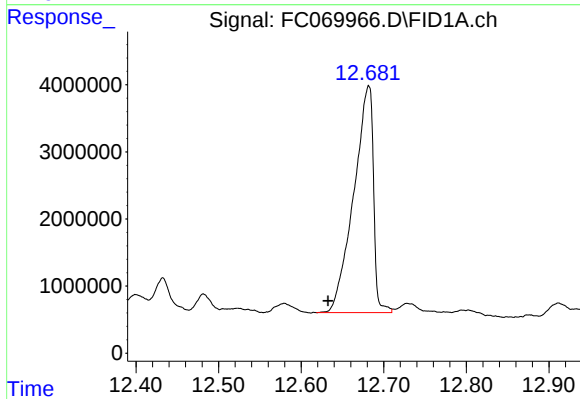
#8 n-Octadecane (C18)

R.T.: 11.382 min
Delta R.T.: 0.060 min
Response: 77161691
Conc: 453.55 ug/ml m



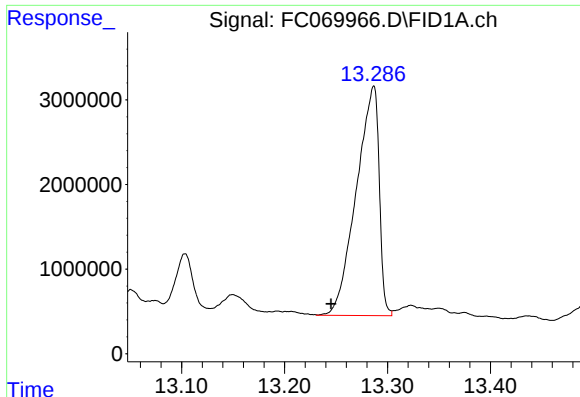
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.644 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.049 min
Response: 56054227
Conc: 349.39 ug/ml m



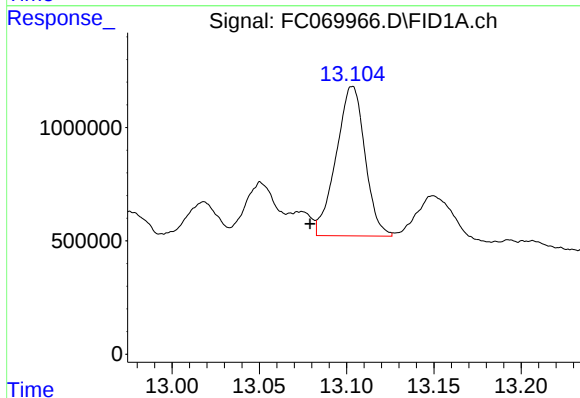
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: 0.041 min
Response: 41798262
Conc: 269.19 ug/ml

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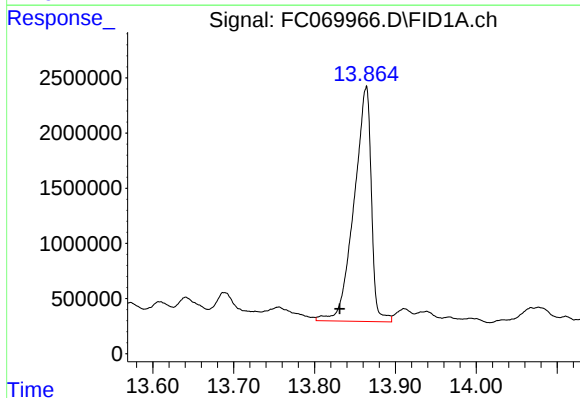
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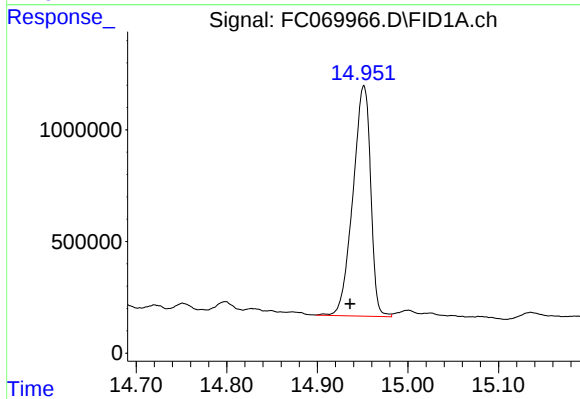
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.024 min
Response: 7583677
Conc: 55.87 ug/ml m



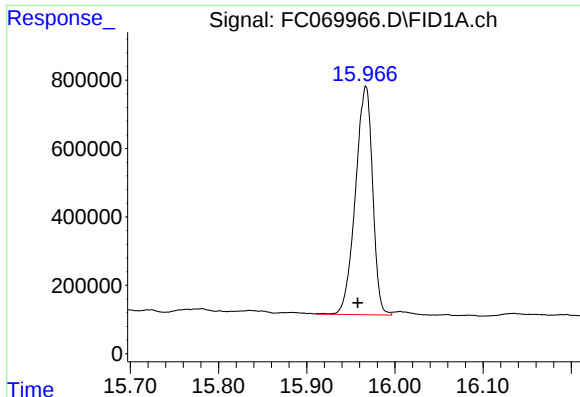
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: 0.032 min
Response: 31618639
Conc: 205.46 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.015 min
Response: 14034905
Conc: 92.56 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.009 min
Response: 9046272
Conc: 62.50 ug/ml

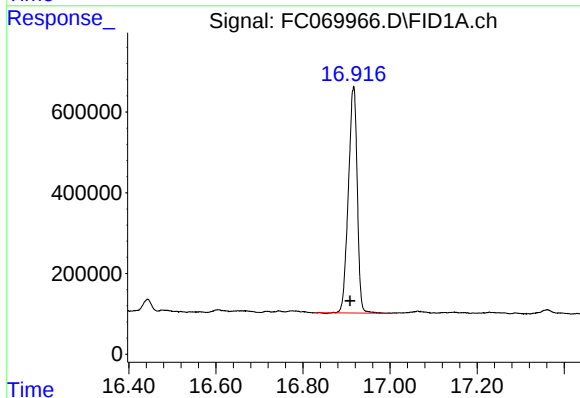
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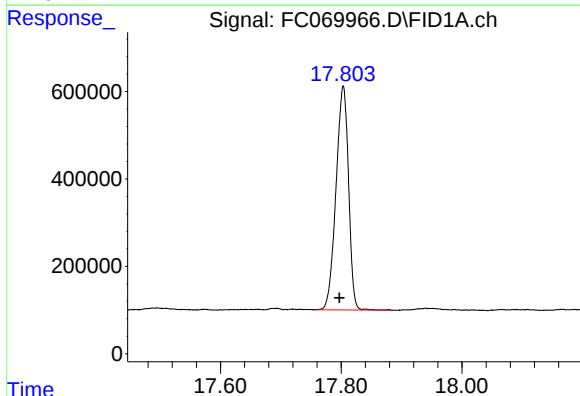
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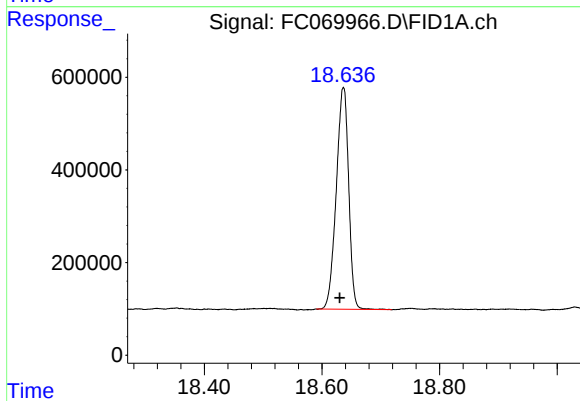
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: 0.008 min
Response: 7934359
Conc: 57.37 ug/ml



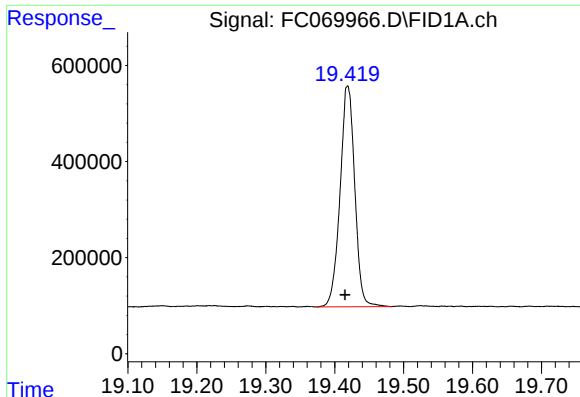
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: 0.006 min
Response: 7394938
Conc: 54.16 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: 0.006 min
Response: 7010237
Conc: 54.37 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: 0.004 min
Response: 6809166
Conc: 59.68 ug/ml

Instrument :

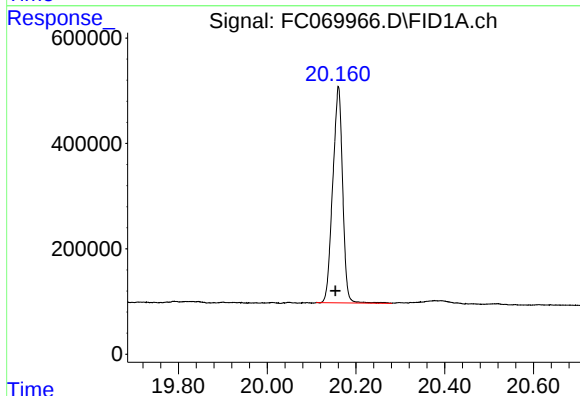
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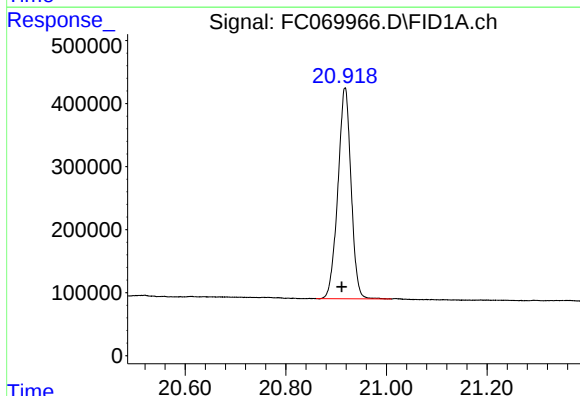
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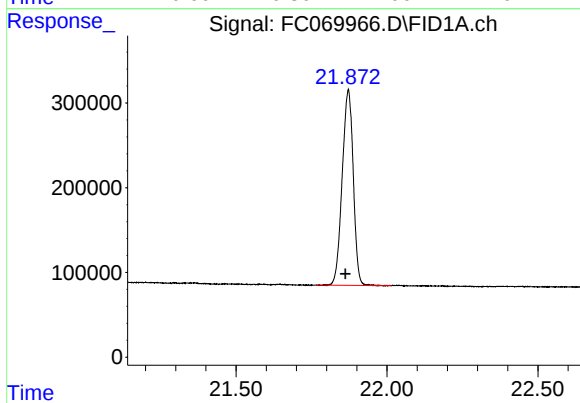
#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: 0.007 min
Response: 6339800
Conc: 65.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.006 min
Response: 6080766
Conc: 69.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.010 min
Response: 5881872
Conc: 71.59 ug/ml