

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
 Data File : FC069358.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2025 18:27
 Operator : YP/AJ
 Sample : PB168702BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168702BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
 Quant Time: Jul 03 02:11:51 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)	11.678	6140865	35.546 ug/ml
Spiked Amount 50.000		Recovery =	71.09%
12) S 1-chlorooctadecane (S...	13.114	4844779	37.084 ug/ml
Spiked Amount 50.000		Recovery =	74.17%
Target Compounds			
1) T n-Nonane (C9)	3.417	5011591	35.239 ug/ml
2) T n-Decane (C10)	4.485	5303546	36.228 ug/ml
3) T A~Naphthalene (C11.7)	6.076	6596032	40.996 ug/ml
4) T n-Dodecane (C12)	6.506	5634924	37.213 ug/ml
5) T A~2-methylnaphthalene...	7.135	6353544	40.149 ug/ml
6) T n-Tetradecane (C14)	8.307	6004455	38.737 ug/ml
7) T n-Hexadecane (C16)	9.910	6213630	38.023 ug/ml
8) T n-Octadecane (C18)	11.356	6125081	37.515 ug/ml
10) T n-Eicosane (C20)	12.668	6159761	40.355 ug/ml
11) T n-Heneicosane (C21)	13.280	5832995	39.574 ug/ml
13) T n-Docosane (C22)	13.868	5706634	39.662 ug/ml
14) T n-Tetracosane (C24)	14.966	11215399	81.312 ug/ml
15) T n-Hexacosane (C26)	15.997	5225976	39.977 ug/ml
16) T n-Octacosane (C28)	16.947	4989993	40.461 ug/ml
17) T n-Tricontane (C30)	17.838	4835214	40.672 ug/ml
18) T n-Dotriacontane (C32)	18.670	4670354	42.715 ug/ml
19) T n-Tetratriacontane (C34)	19.455	4788543	49.588 ug/ml
20) T n-Hexatriacontane (C36)	20.197	4531299	54.983 ug/ml
21) T n-Octatriacontane (C38)	20.966	4518906	60.469 ug/ml
22) T n-Tetracontane (C40)	21.932	4336898	61.242 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

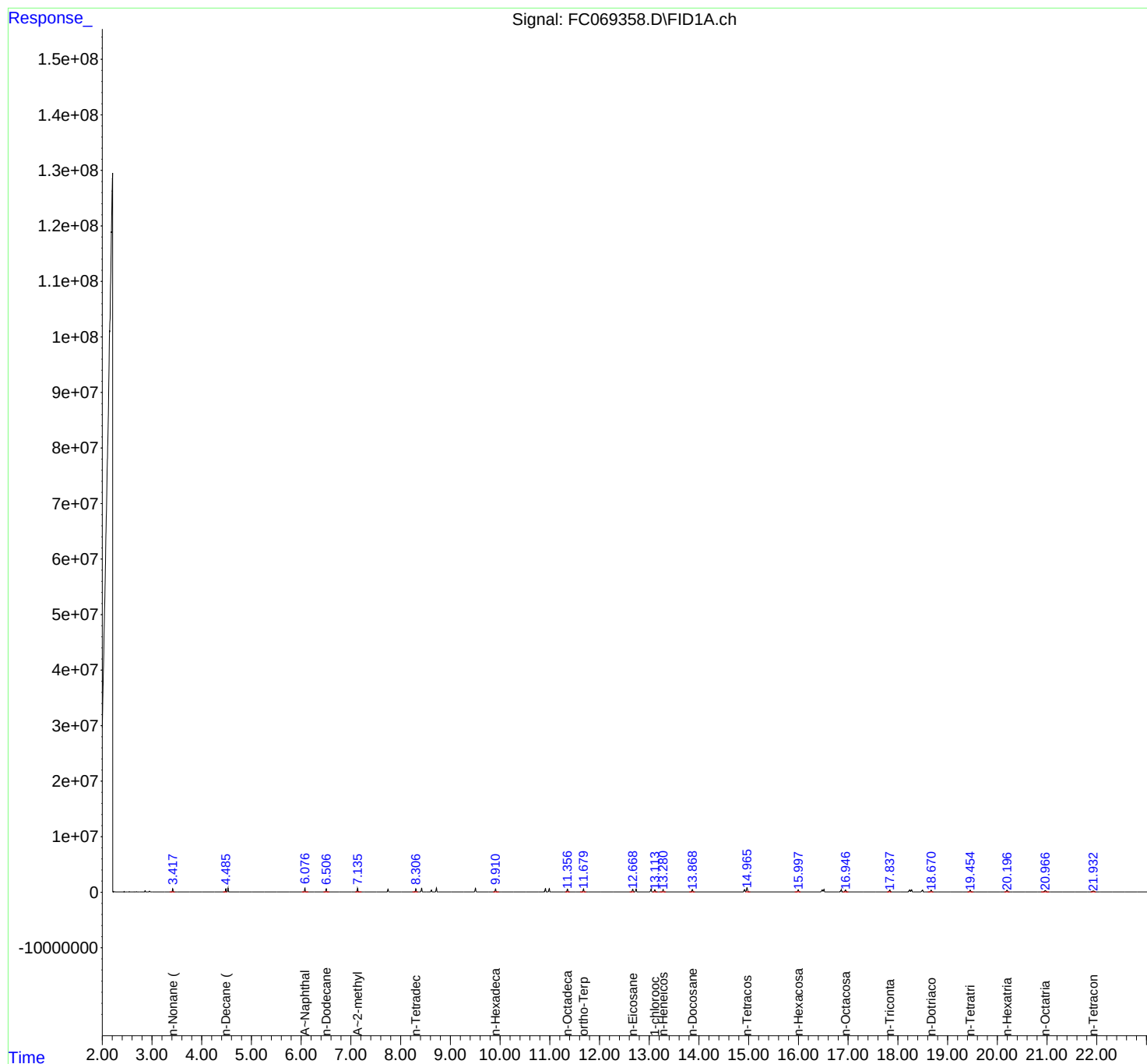
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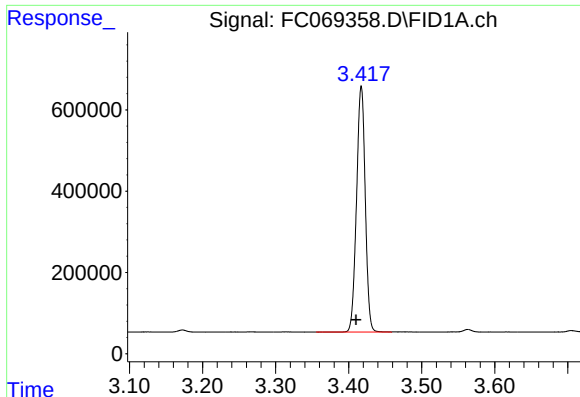
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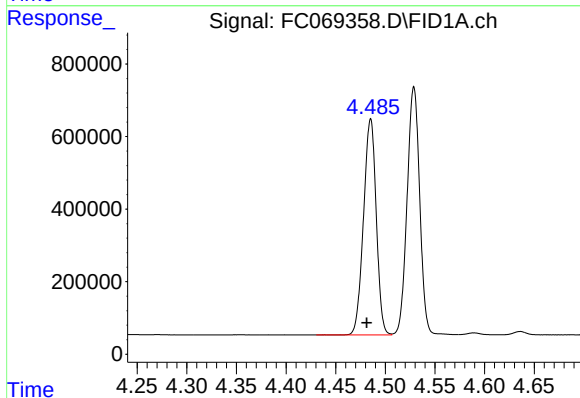
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.007 min
Response: 5011591
Conc: 35.24 ug/ml

Instrument :
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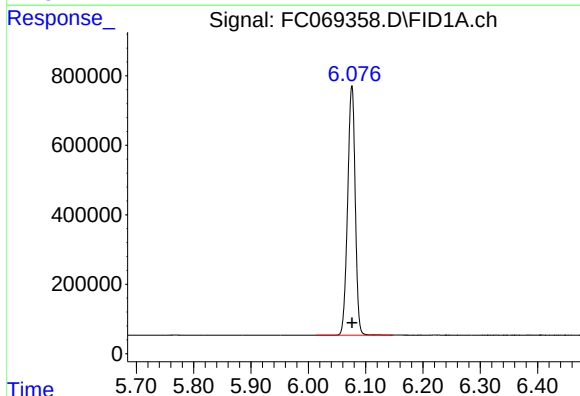
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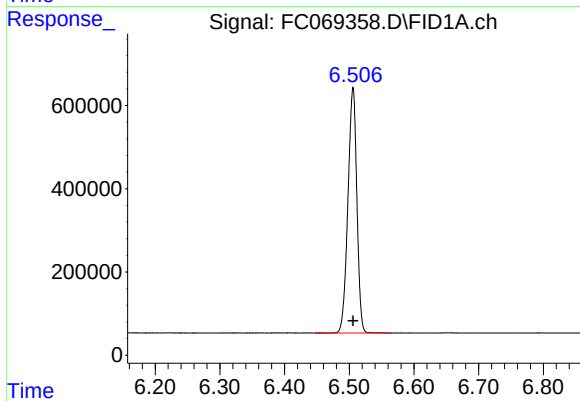
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.004 min
Response: 5303546
Conc: 36.23 ug/ml



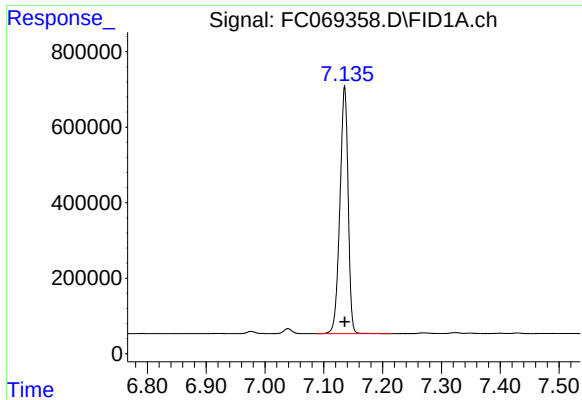
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 6596032
Conc: 41.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 5634924
Conc: 37.21 ug/ml



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

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 6353544
Conc: 40.15 ug/ml

Instrument :

FID_C

ClientSampleId :

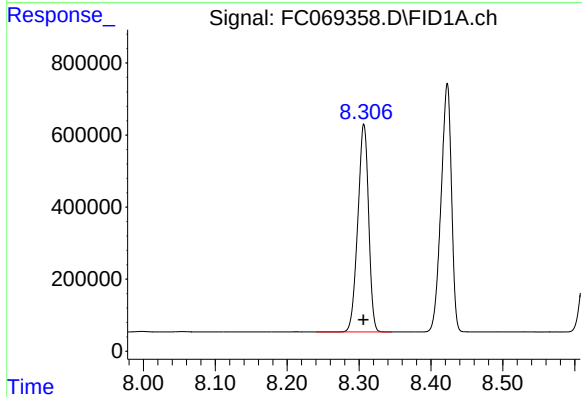
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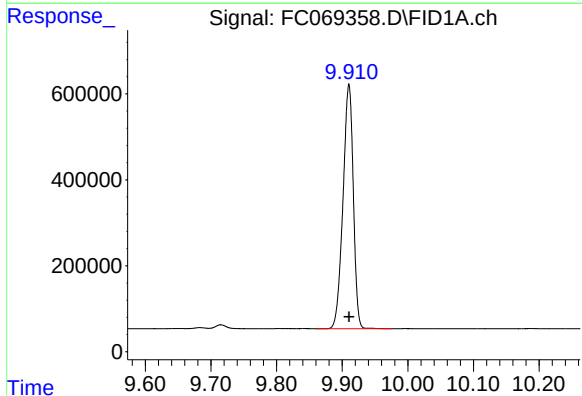
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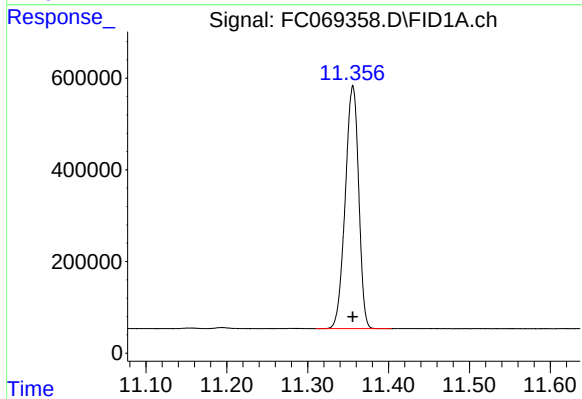
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 6004455
Conc: 38.74 ug/ml



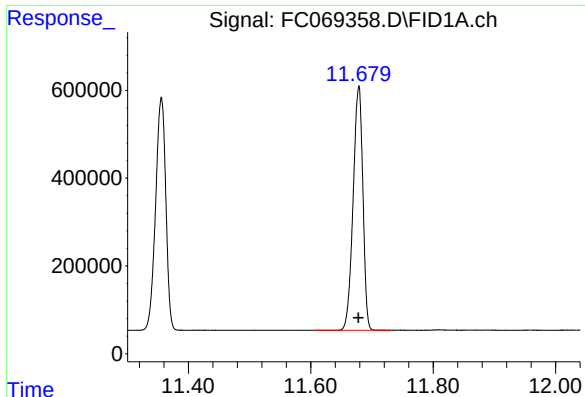
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 6213630
Conc: 38.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6125081
Conc: 37.51 ug/ml



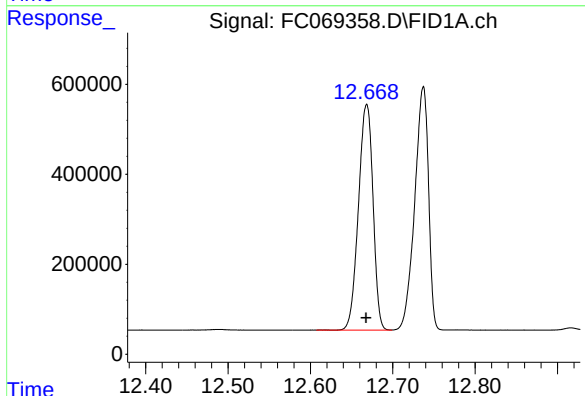
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 6140865
Conc: 35.55 ug/ml

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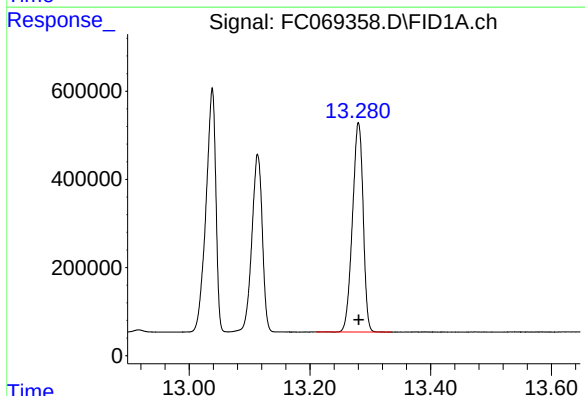
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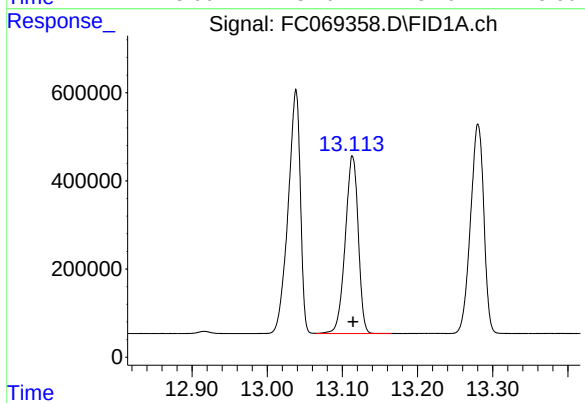
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 6159761
Conc: 40.35 ug/ml



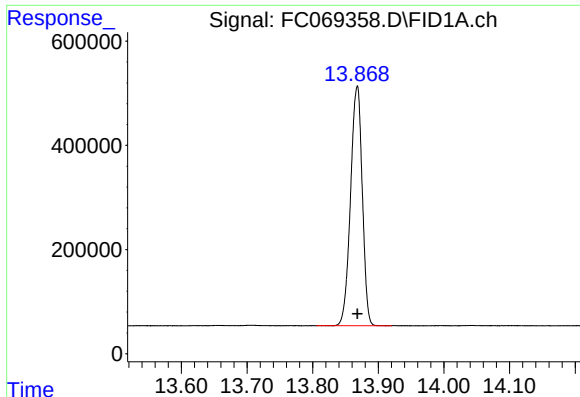
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 5832995
Conc: 39.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 4844779
Conc: 37.08 ug/ml



#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 5706634
Conc: 39.66 ug/ml

Instrument :

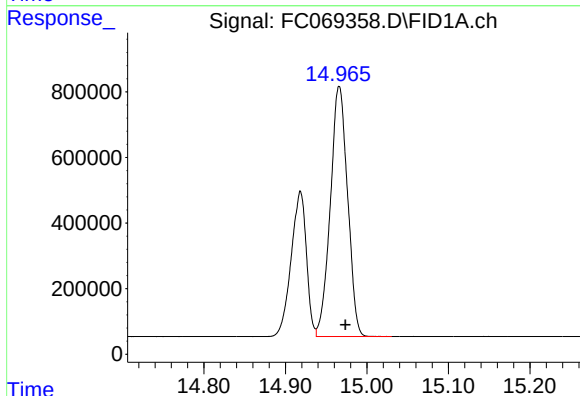
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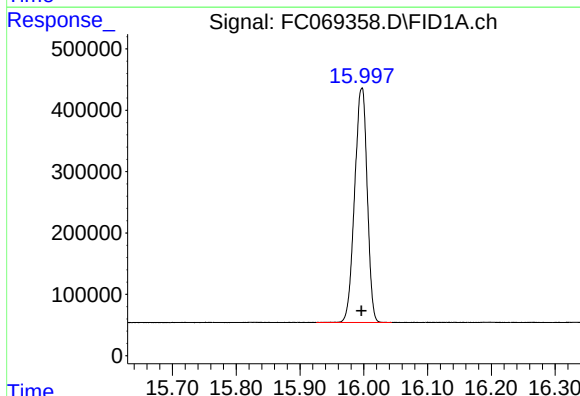
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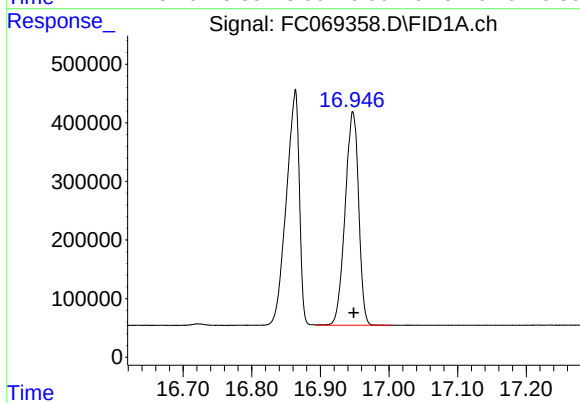
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.008 min
Response: 11215399
Conc: 81.31 ug/ml



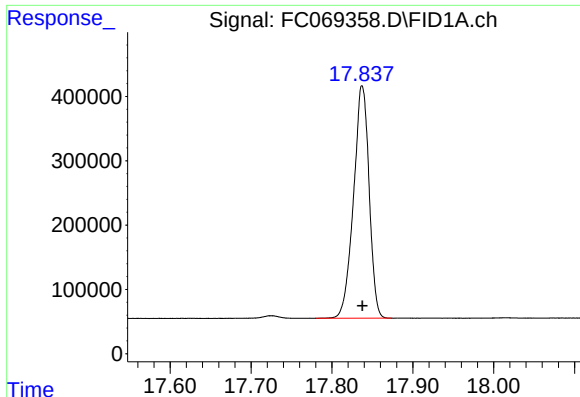
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 5225976
Conc: 39.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.001 min
Response: 4989993
Conc: 40.46 ug/ml



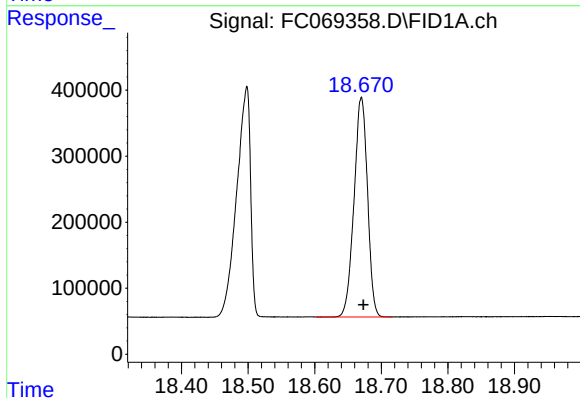
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 4835214
Conc: 40.67 ug/ml

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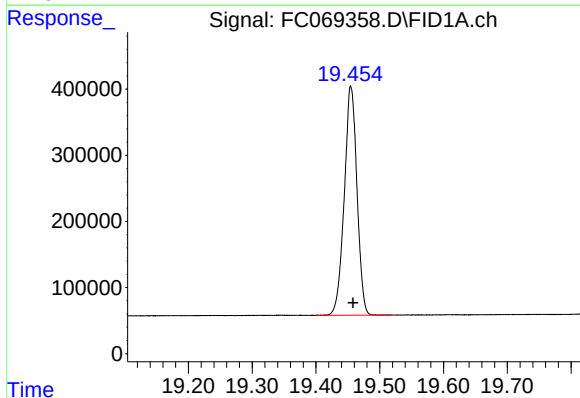
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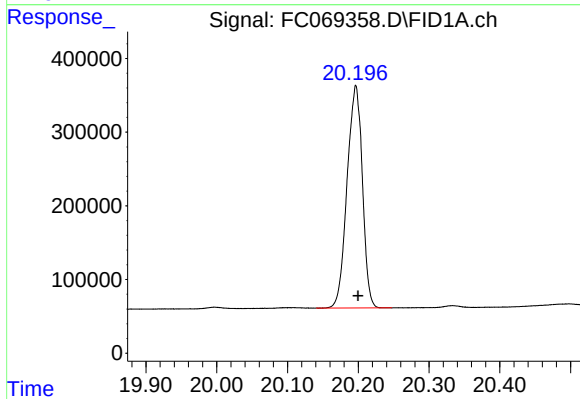
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 4670354
Conc: 42.72 ug/ml



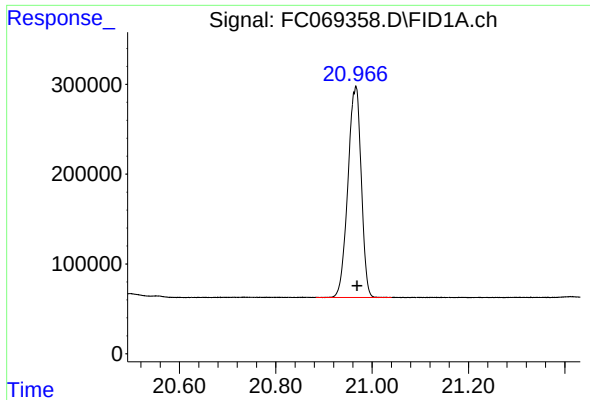
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.003 min
Response: 4788543
Conc: 49.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 4531299
Conc: 54.98 ug/ml



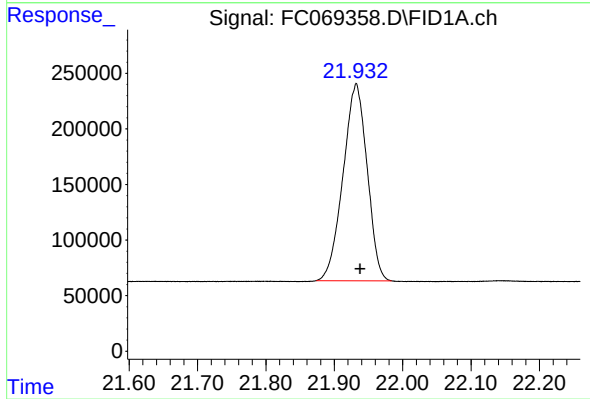
#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.003 min
Response: 4518906
Conc: 60.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: -0.006 min
Response: 4336898
Conc: 61.24 ug/ml m