

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069846.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 02:04
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2025
 Supervised By :Sohil Jodhani 09/26/2025

Integration File: autoint1.e
 Quant Time: Sep 26 07:23:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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...	13.094	4127791	26.139 ug/mlm
Spiked Amount 50.000		Recovery =	52.28%
Target Compounds			
1) T n-Nonane (C9)	3.400	2064723	16.106 ug/ml
2) T n-Decane (C10)	4.471	2716835	20.446 ug/mlm
4) T n-Dodecane (C12)	6.493	3578751	25.655 ug/ml
6) T n-Tetradecane (C14)	8.291	4193268	28.272 ug/ml
7) T n-Hexadecane (C16)	9.895	4927910	29.861 ug/ml
8) T n-Octadecane (C18)	11.338	5531051	31.035 ug/ml
10) T n-Eicosane (C20)	12.650	6059855	33.645 ug/ml
11) T n-Heneicosane (C21)	13.262	5829094	32.327 ug/ml
13) T n-Docosane (C22)	13.849	5907334	32.516 ug/ml
14) T n-Tetracosane (C24)	14.953	5933924	32.249 ug/ml
15) T n-Hexacosane (C26)	15.976	5826136	32.089 ug/ml
16) T n-Octacosane (C28)	16.927	5651136	32.013 ug/ml
17) T n-Tricontane (C30)	17.815	5610713	32.056 ug/ml
18) T n-Dotriacontane (C32)	18.647	5346631	33.048 ug/ml
19) T n-Tetratriacontane (C34)	19.432	5110396	36.567 ug/ml
20) T n-Hexatriacontane (C36)	20.172	4628166	40.994 ug/ml
21) T n-Octatriacontane (C38)	20.934	4319999	44.782 ug/ml
22) T n-Tetracontane (C40)	21.892	3965094	46.038 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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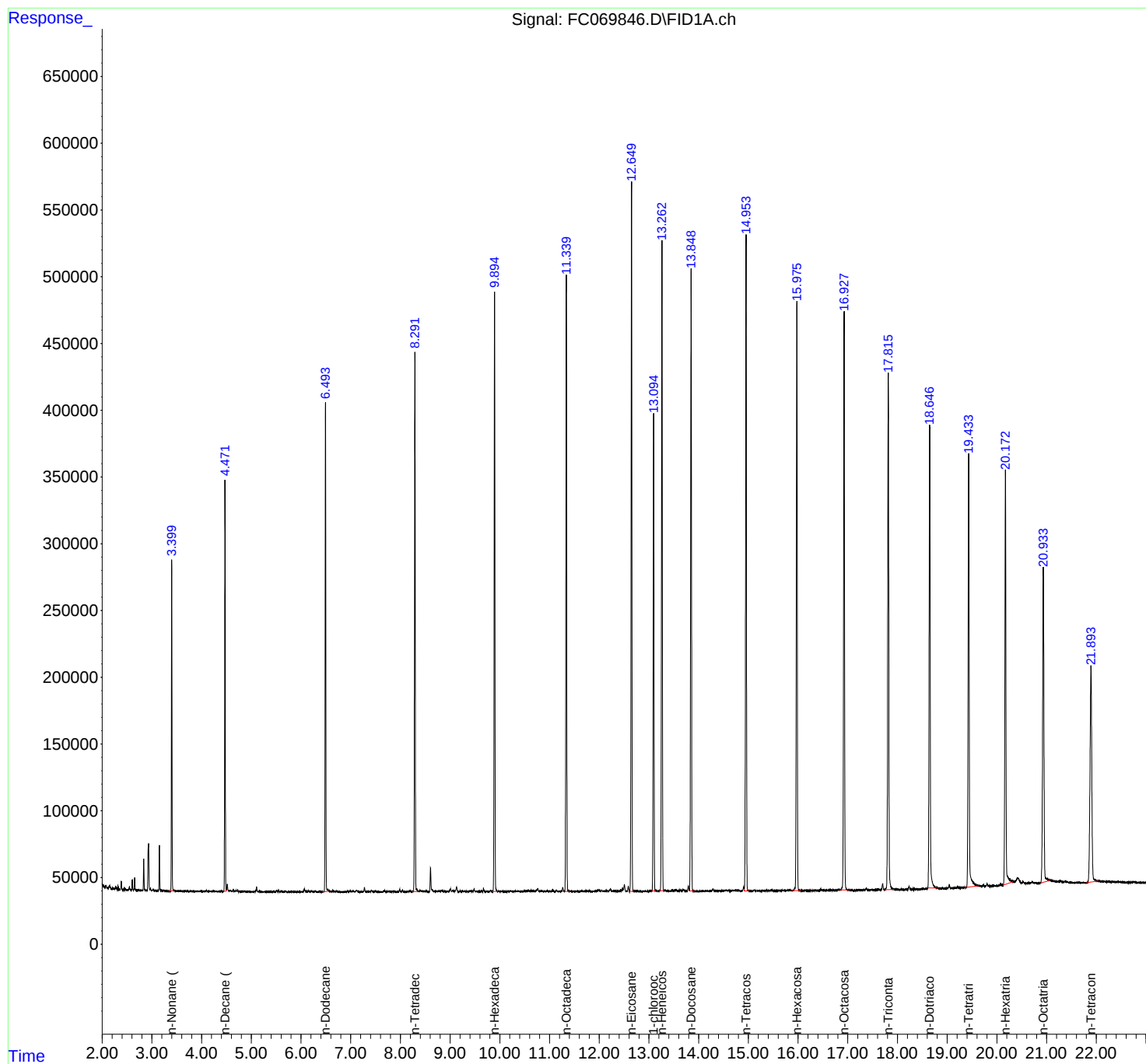
Instrument :
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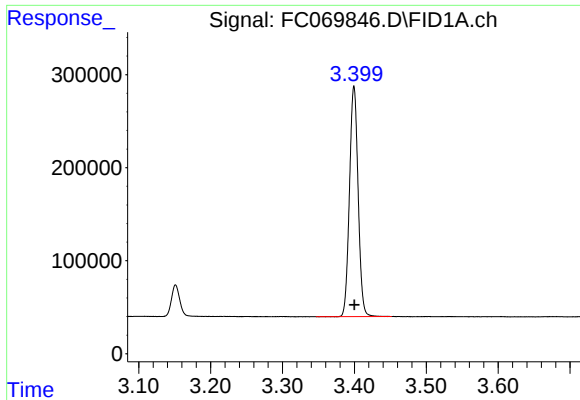
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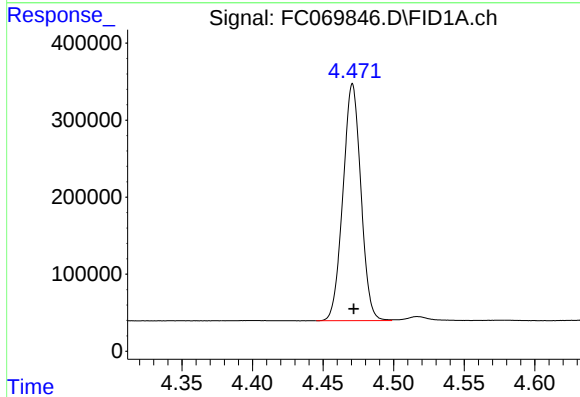
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2064723
Conc: 16.11 ug/ml

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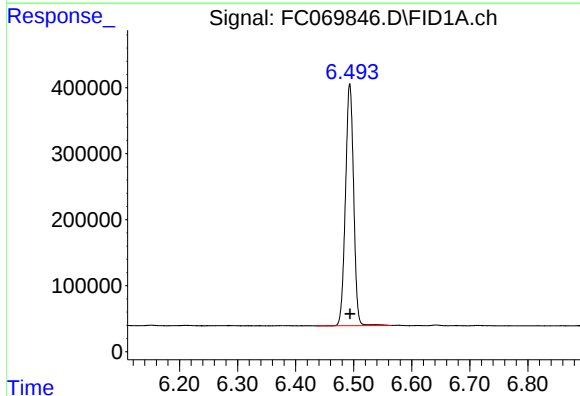
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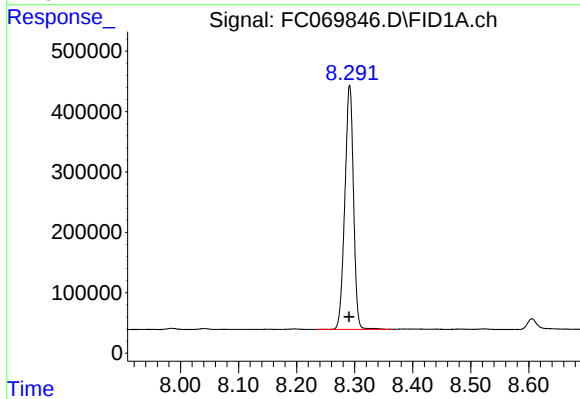
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.001 min
Response: 2716835
Conc: 20.45 ug/ml m



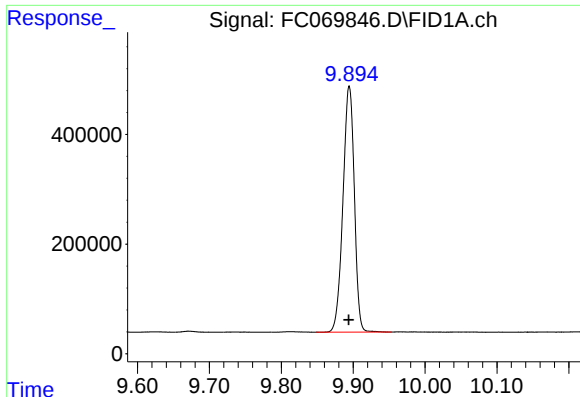
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 3578751
Conc: 25.65 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 4193268
Conc: 28.27 ug/ml



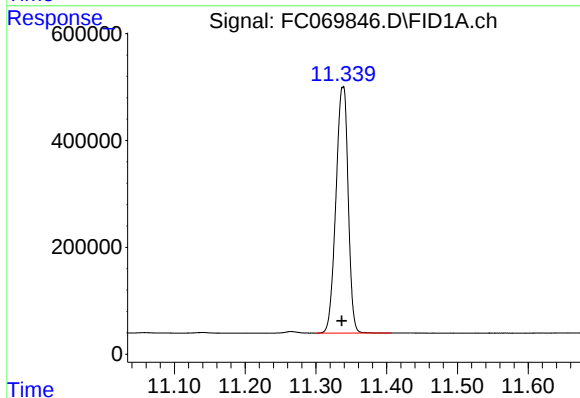
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.000 min
Response: 4927910
Conc: 29.86 ug/ml

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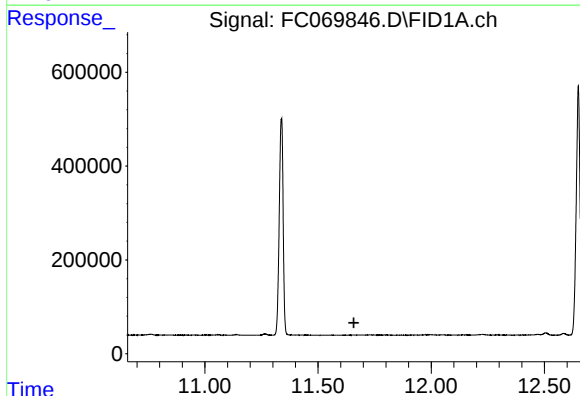
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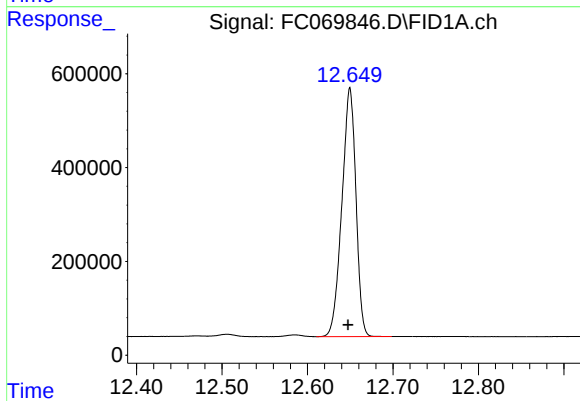
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.002 min
Response: 5531051
Conc: 31.03 ug/ml



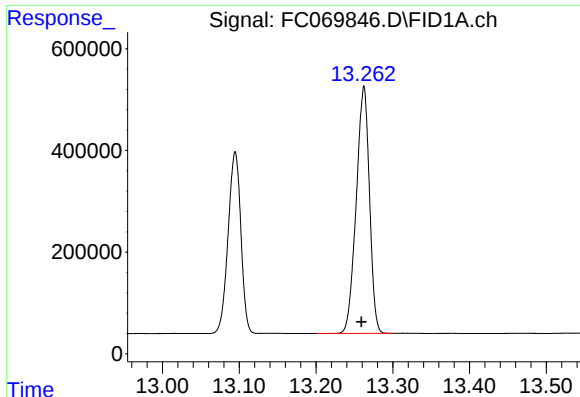
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: 0.002 min
Response: 6059855
Conc: 33.64 ug/ml



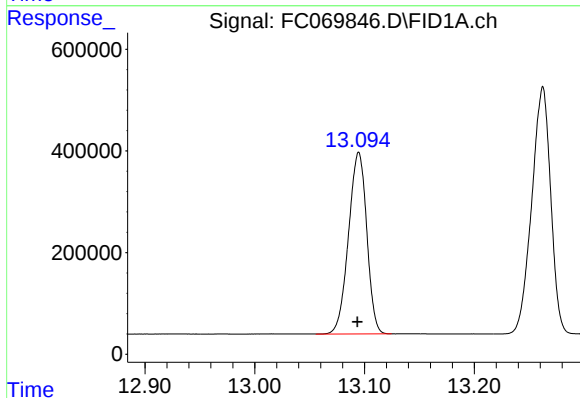
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.003 min
Response: 5829094
Conc: 32.33 ug/ml

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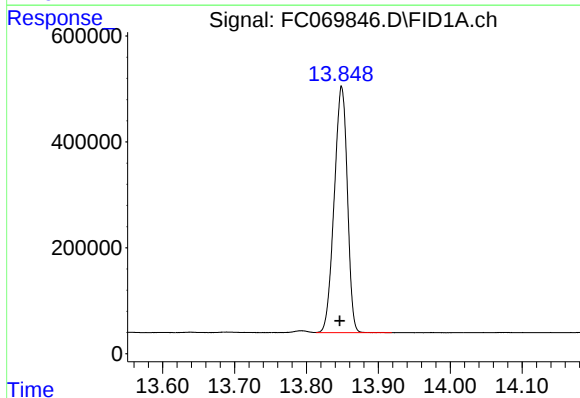
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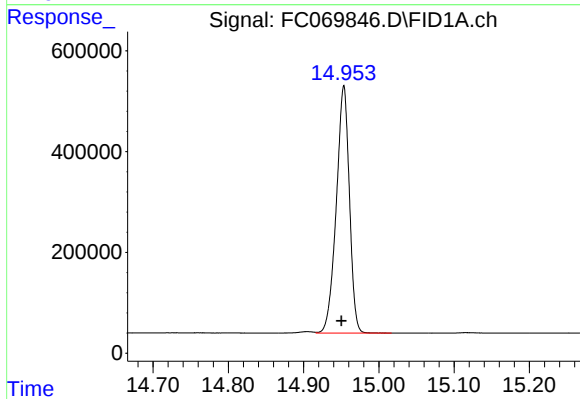
#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 4127791
Conc: 26.14 ug/ml m



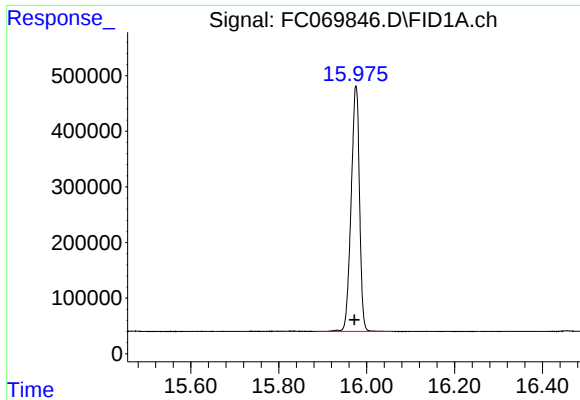
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.003 min
Response: 5907334
Conc: 32.52 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.003 min
Response: 5933924
Conc: 32.25 ug/ml



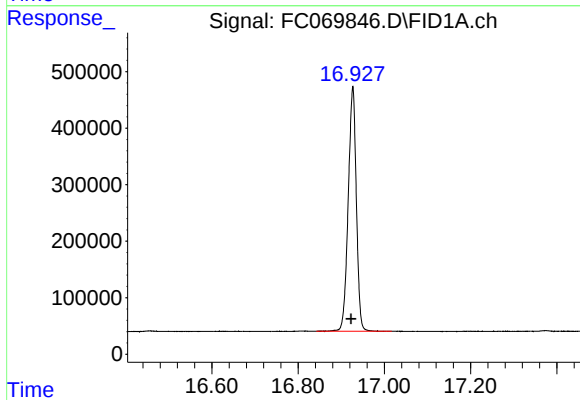
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.003 min
Response: 5826136
Conc: 32.09 ug/ml

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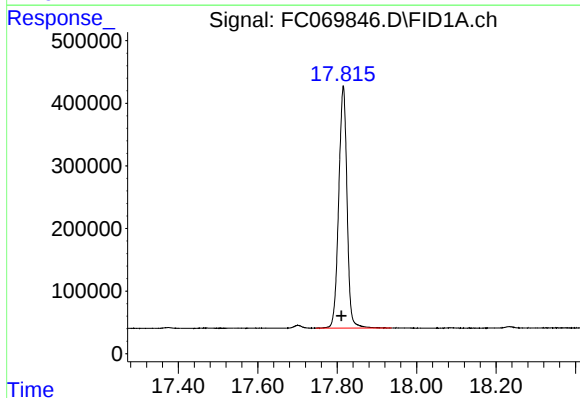
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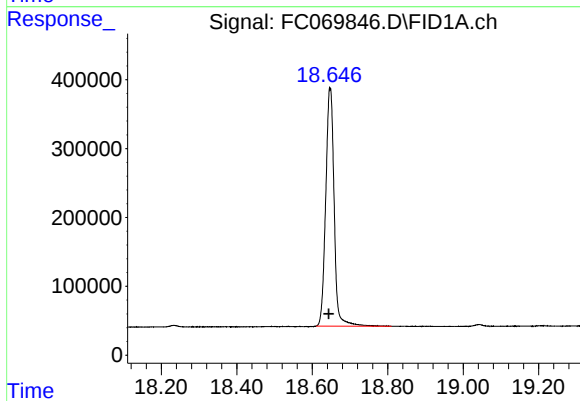
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: 0.004 min
Response: 5651136
Conc: 32.01 ug/ml



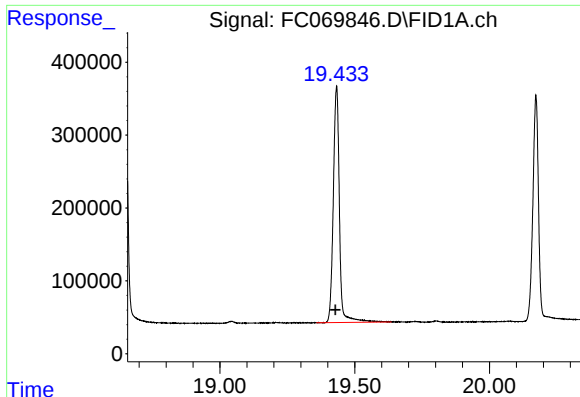
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: 0.004 min
Response: 5610713
Conc: 32.06 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: 0.004 min
Response: 5346631
Conc: 33.05 ug/ml



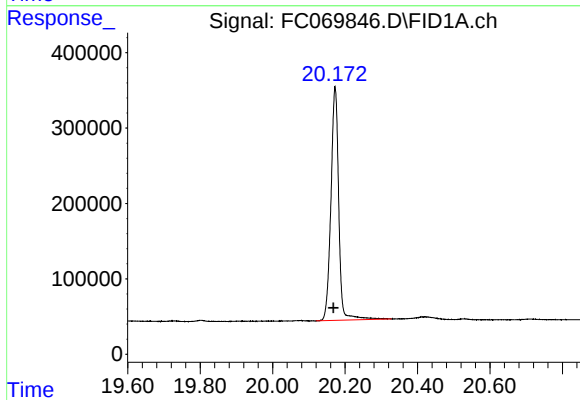
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: 0.004 min
Response: 5110396
Conc: 36.57 ug/ml

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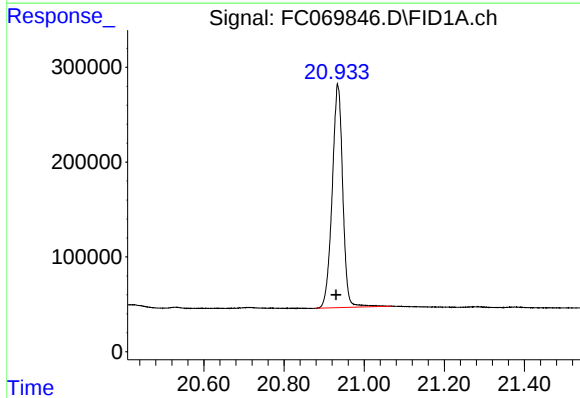
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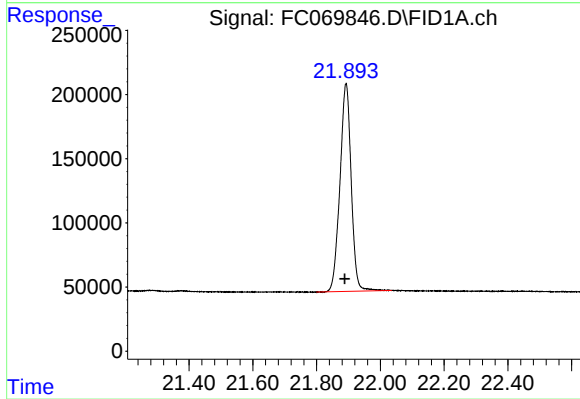
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: 0.004 min
Response: 4628166
Conc: 40.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: 0.005 min
Response: 4319999
Conc: 44.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: 0.004 min
Response: 3965094
Conc: 46.04 ug/ml