

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061225AL\
 Data File : FC069189.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2025 16:26
 Operator : YP/AJ
 Sample : Q2177-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-187-SB01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 02:17:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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...	13.116	3163791	35.265 ug/ml
Spiked Amount 50.000		Recovery =	70.53%
Target Compounds			
1) T n-Nonane (C9)	3.408	1388710	13.086 ug/ml
2) T n-Decane (C10)	4.482	1699184	16.044 ug/ml
4) T n-Dodecane (C12)	6.507	2103414	20.009 ug/ml
6) T n-Tetradecane (C14)	8.307	2344343	22.871 ug/ml
7) T n-Hexadecane (C16)	9.912	2224068	21.919 ug/ml
8) T n-Octadecane (C18)	11.356	2218287	22.195 ug/ml
10) T n-Eicosane (C20)	12.668	2298662	23.601 ug/ml
11) T n-Heneicosane (C21)	13.282	2201518	22.872 ug/ml
13) T n-Docosane (C22)	13.869	2212877	23.228 ug/ml
14) T n-Tetracosane (C24)	14.974	2235221	23.740 ug/ml
15) T n-Hexacosane (C26)	15.997	2241835	24.147 ug/ml
16) T n-Octacosane (C28)	16.947	2246031	24.163 ug/ml
17) T n-Tricontane (C30)	17.838	2276594	23.529 ug/ml
18) T n-Dotriacontane (C32)	18.672	2316780	23.379 ug/ml
19) T n-Tetratriacontane (C34)	19.457	2330778	24.183 ug/ml
20) T n-Hexatriacontane (C36)	20.198	2265416	23.864 ug/ml
21) T n-Octatriacontane (C38)	20.968	2184361	23.942 ug/ml
22) T n-Tetracontane (C40)	21.933	1917528	21.732 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

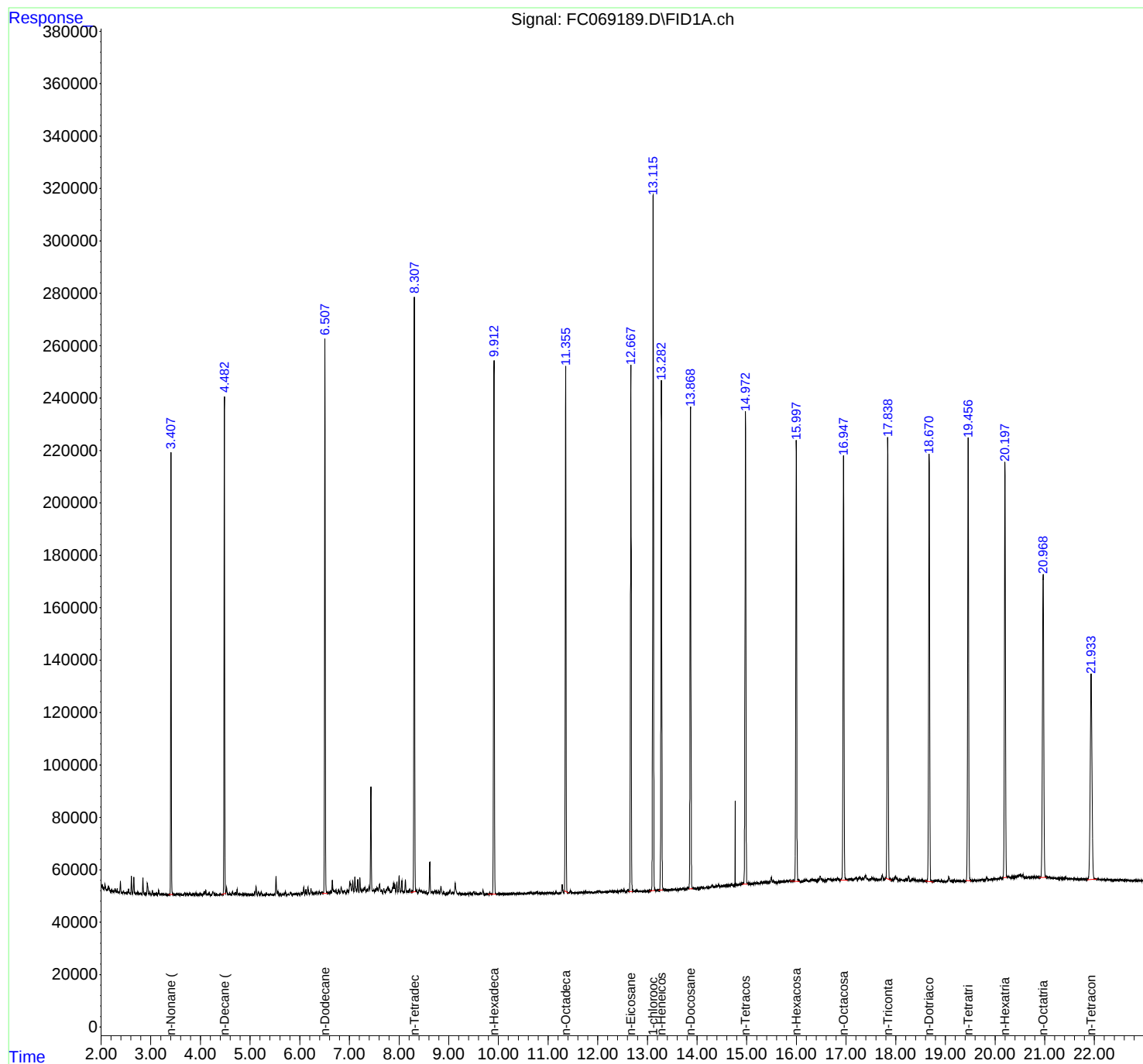
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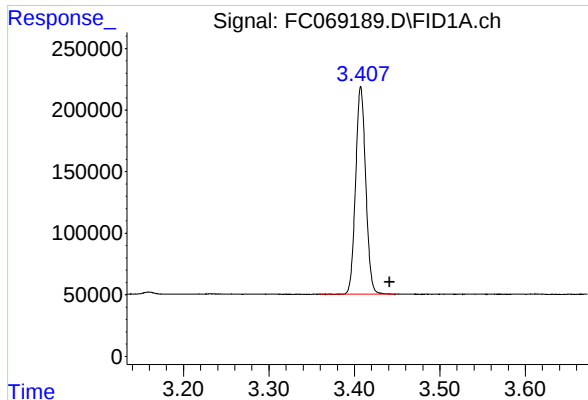
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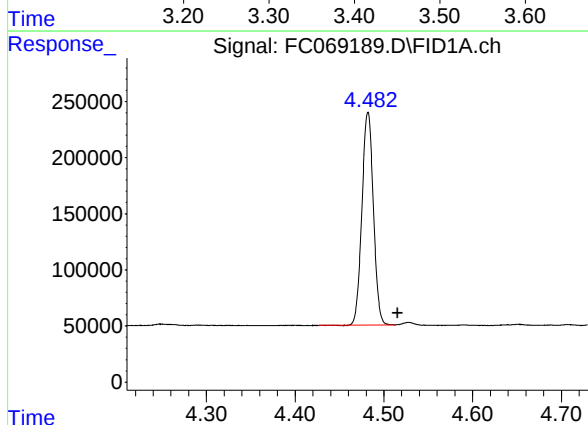
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.033 min
Response: 1388710
Conc: 13.09 ug/ml

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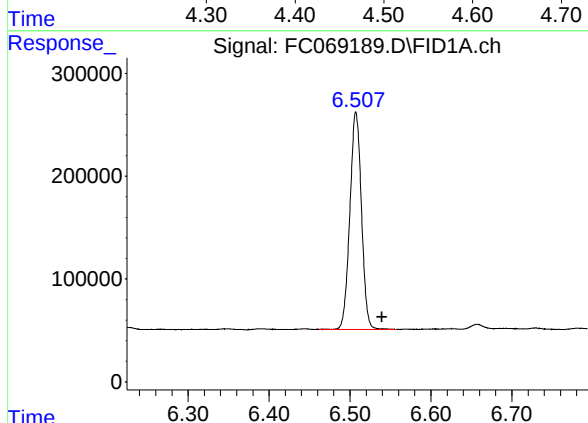
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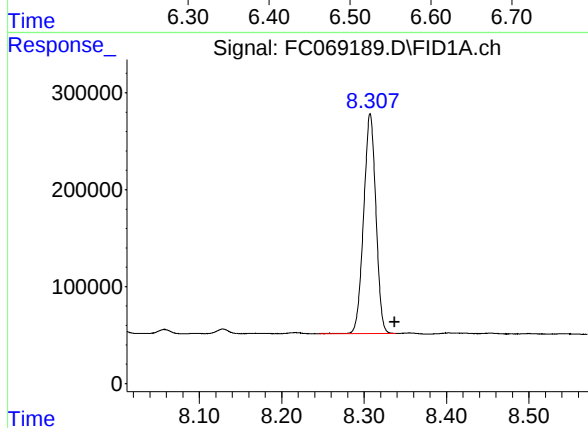
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.034 min
Response: 1699184
Conc: 16.04 ug/ml



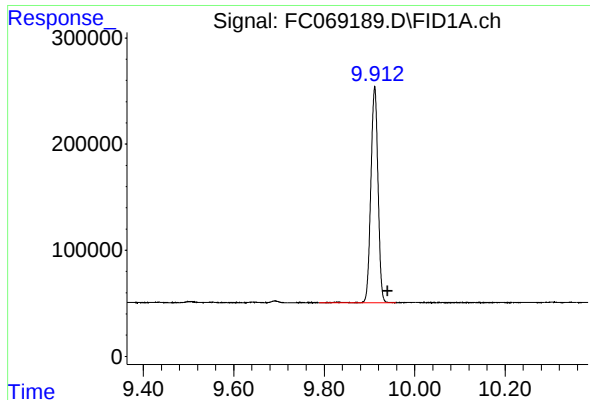
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.032 min
Response: 2103414
Conc: 20.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.030 min
Response: 2344343
Conc: 22.87 ug/ml



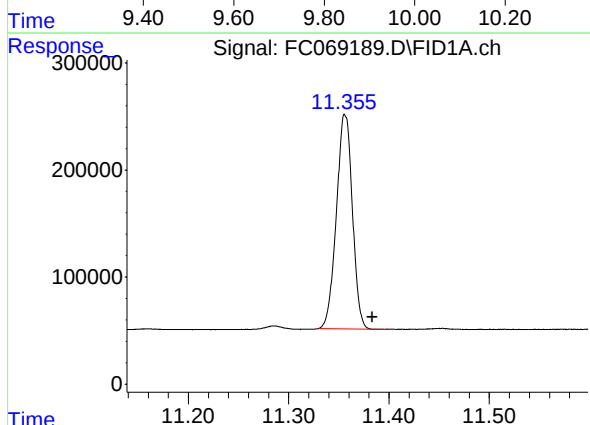
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 2224068
Conc: 21.92 ug/ml

Instrument :
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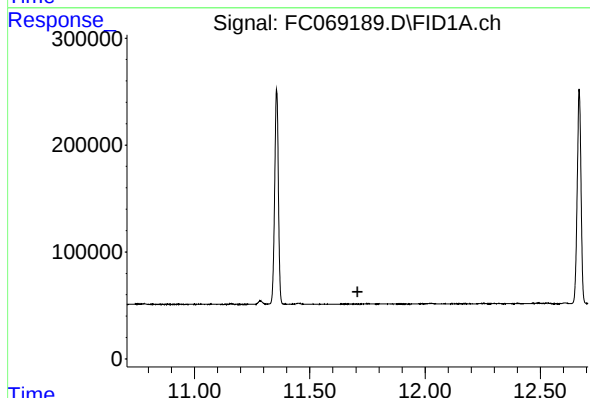
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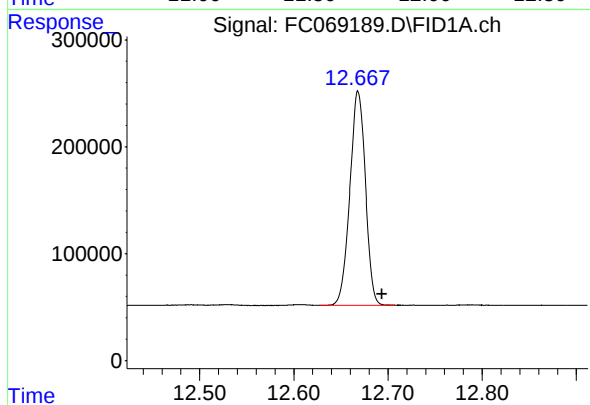
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 2218287
Conc: 22.20 ug/ml



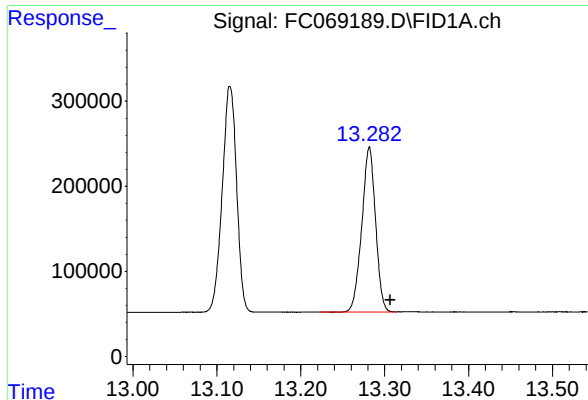
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.025 min
Response: 2298662
Conc: 23.60 ug/ml



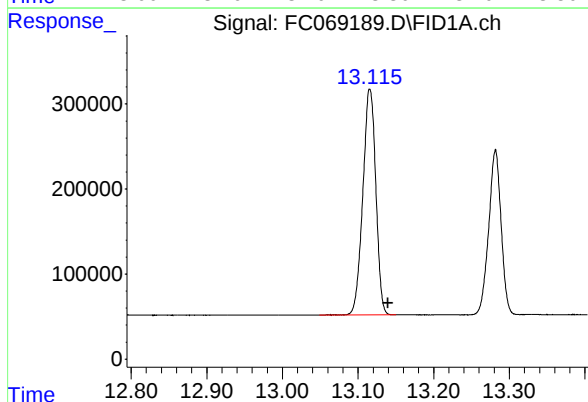
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 2201518
Conc: 22.87 ug/ml

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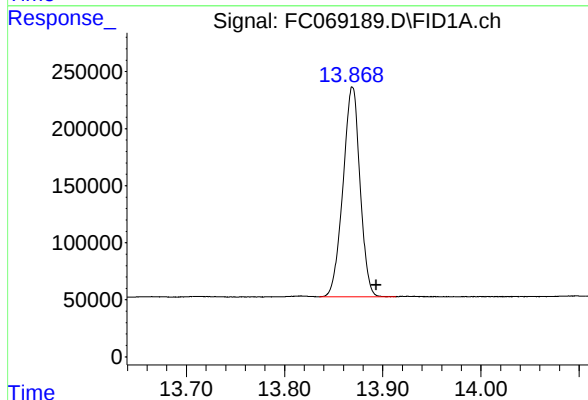
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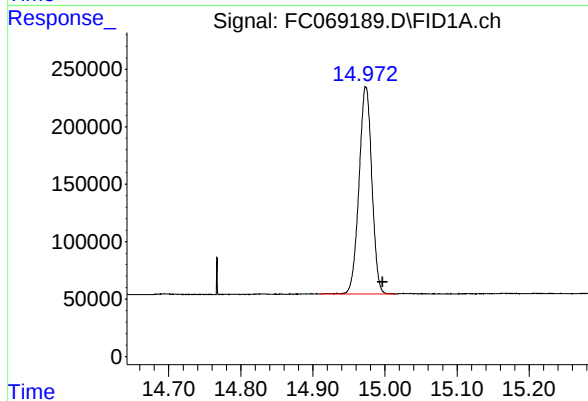
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.024 min
Response: 3163791
Conc: 35.27 ug/ml



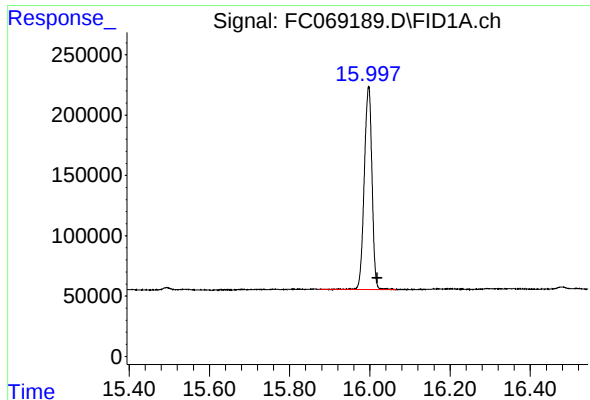
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 2212877
Conc: 23.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.023 min
Response: 2235221
Conc: 23.74 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: -0.022 min
Response: 2241835
Conc: 24.15 ug/ml

Instrument :

FID_C

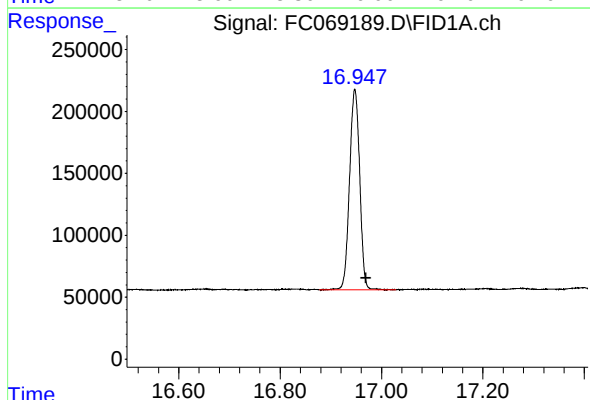
ClientSampleId :

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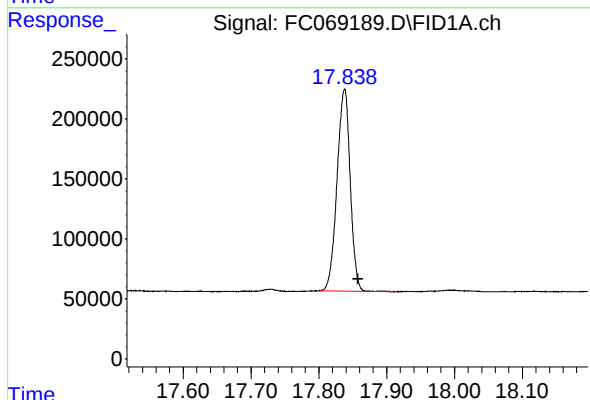
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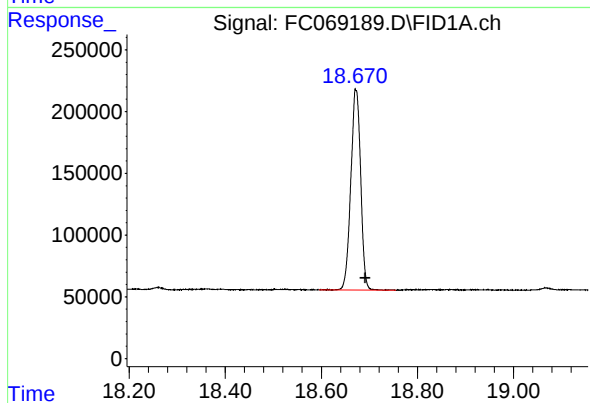
#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.022 min
Response: 2246031
Conc: 24.16 ug/ml



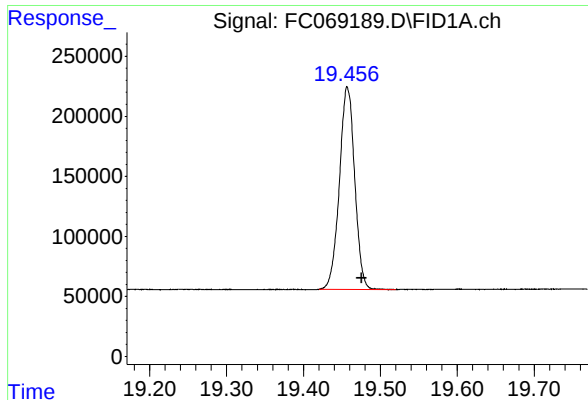
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: -0.020 min
Response: 2276594
Conc: 23.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.020 min
Response: 2316780
Conc: 23.38 ug/ml



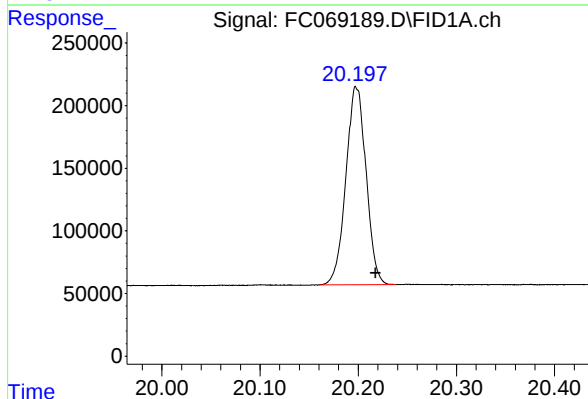
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.018 min
Response: 2330778
Conc: 24.18 ug/ml

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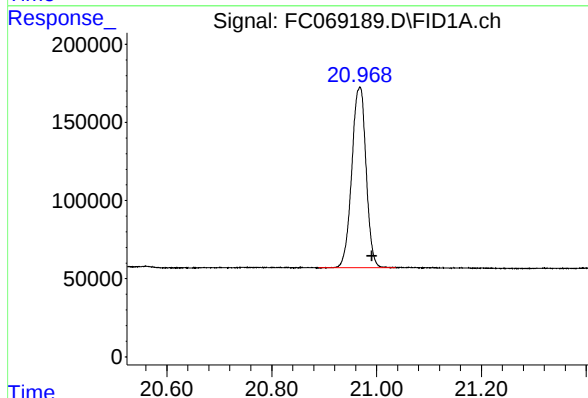
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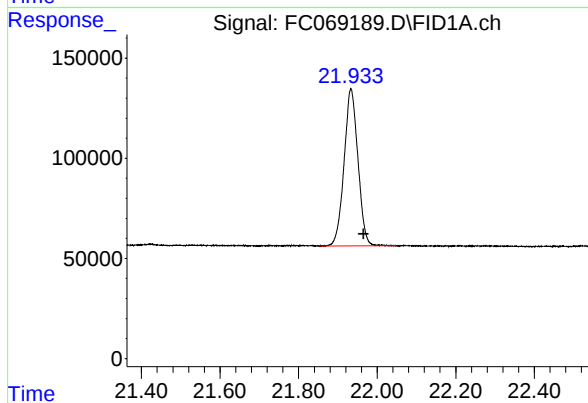
#20 n-Hexatriacontane (C36)

R.T.: 20.198 min
Delta R.T.: -0.020 min
Response: 2265416
Conc: 23.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: -0.023 min
Response: 2184361
Conc: 23.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.033 min
Response: 1917528
Conc: 21.73 ug/ml m