

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
 Data File : FC069889.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 20:07
 Operator : YP/AJ
 Sample : Q3245-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 13-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
 Quant Time: Oct 01 04:14:49 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			
9) S ortho-Terphenyl (SURR)	11.647	6297732	33.624 ug/ml
Spiked Amount 50.000		Recovery =	67.25%
12) S 1-chlorooctadecane (S...	13.082	5256653	33.287 ug/ml
Spiked Amount 50.000		Recovery =	66.57%
Target Compounds			
1) T n-Nonane (C9)	3.383	3154279	24.606 ug/ml
2) T n-Decane (C10)	4.457	3752183	28.238 ug/ml
3) T A~Naphthalene (C11.7)	6.049	4615178	31.089 ug/ml
4) T n-Dodecane (C12)	6.479	4435056	31.793 ug/ml
5) T A~2-methylnaphthalene...	7.108	4803843	32.537 ug/ml
6) T n-Tetradecane (C14)	8.279	5097009	34.365 ug/ml
7) T n-Hexadecane (C16)	9.881	5652082	34.249 ug/ml
8) T n-Octadecane (C18)	11.325	5932883	33.290 ug/ml
10) T n-Eicosane (C20)	12.637	6033067	33.496 ug/ml
11) T n-Heneicosane (C21)	13.249	5881404	32.618 ug/ml
13) T n-Docosane (C22)	13.835	5781930	31.826 ug/ml
14) T n-Tetracosane (C24)	14.933	10683944	58.064 ug/ml
15) T n-Hexacosane (C26)	15.962	5401313	29.749 ug/ml
16) T n-Octacosane (C28)	16.910	5148159	29.163 ug/mlm
17) T n-Tricontane (C30)	17.800	4901150	28.002 ug/ml
18) T n-Dotriacontane (C32)	18.633	4417133	27.303 ug/mlm
19) T n-Tetratriacontane (C34)	19.417	4253913	30.439 ug/ml
20) T n-Hexatriacontane (C36)	20.156	3555551	31.493 ug/ml
21) T n-Octatriacontane (C38)	20.916	3156364	32.720 ug/mlm
22) T n-Tetracontane (C40)	21.867	2953351	34.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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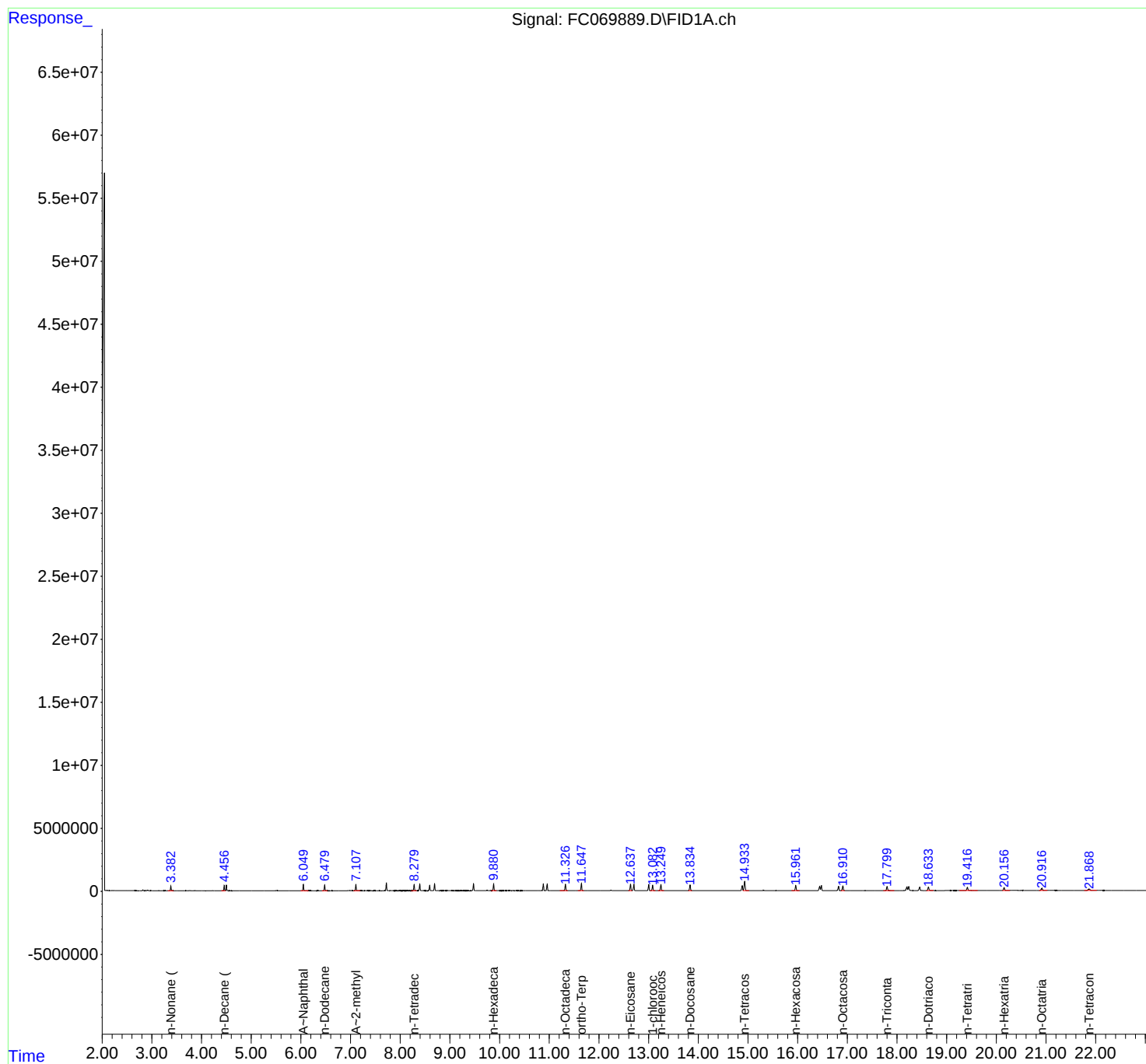
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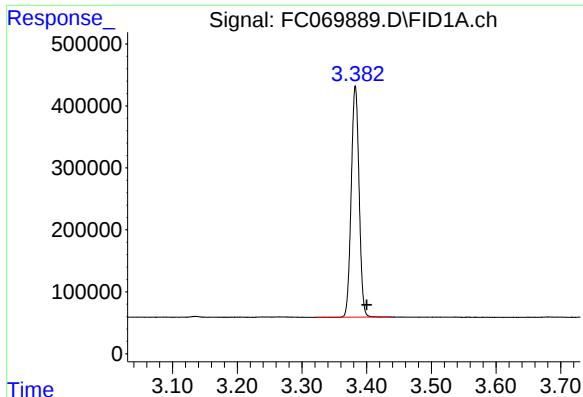
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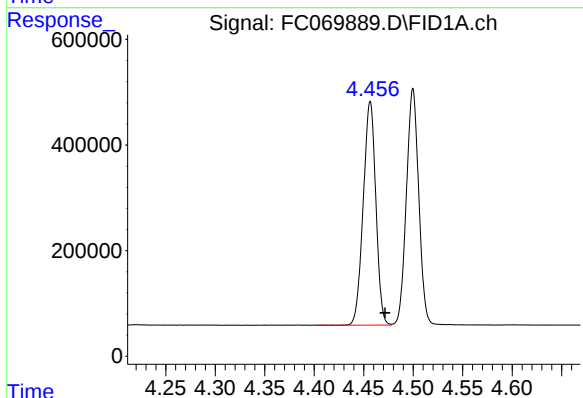
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.017 min
Response: 3154279
Conc: 24.61 ug/ml

Instrument :
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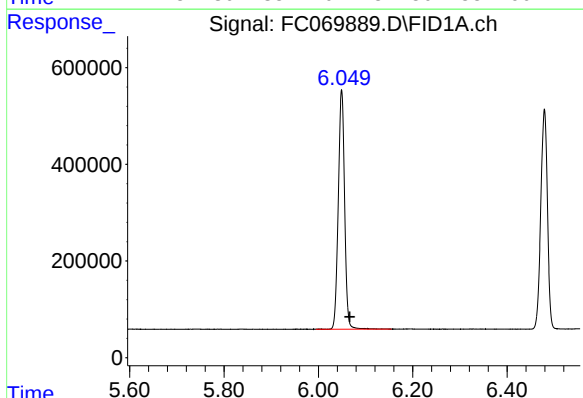
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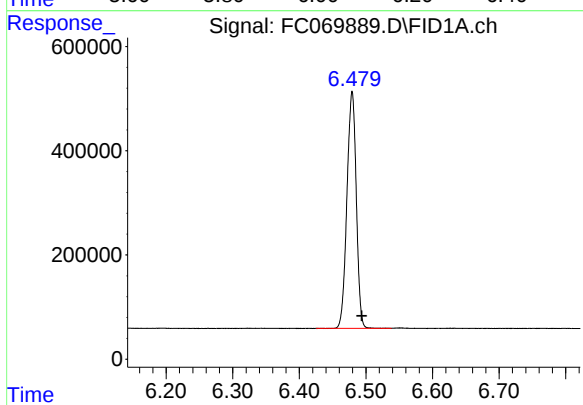
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.015 min
Response: 3752183
Conc: 28.24 ug/ml



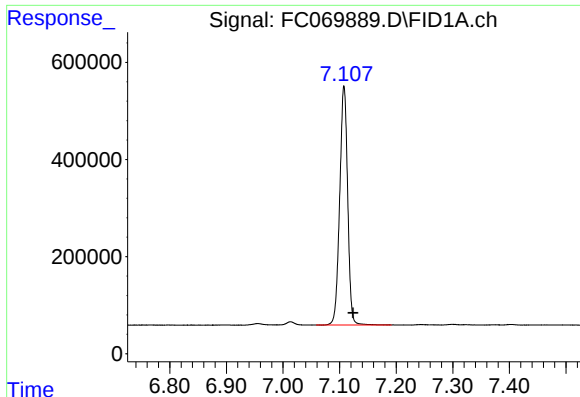
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.017 min
Response: 4615178
Conc: 31.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 4435056
Conc: 31.79 ug/ml



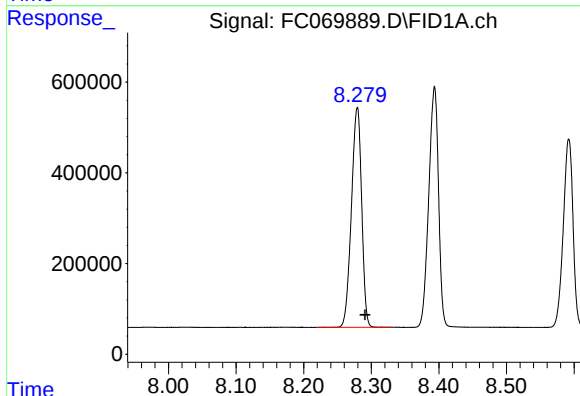
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.016 min
Response: 4803843
Conc: 32.54 ug/ml

Instrument :
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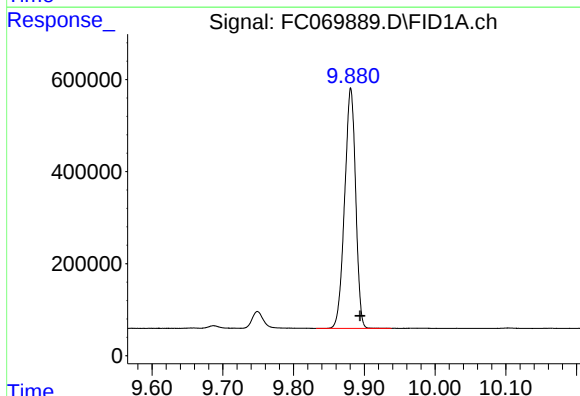
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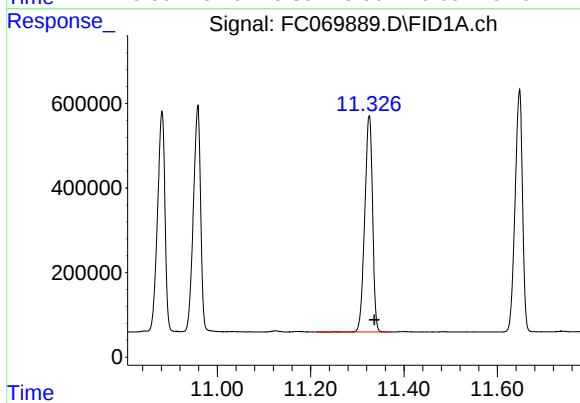
#6 n-Tetradecane (C14)

R.T.: 8.279 min
Delta R.T.: -0.012 min
Response: 5097009
Conc: 34.37 ug/ml



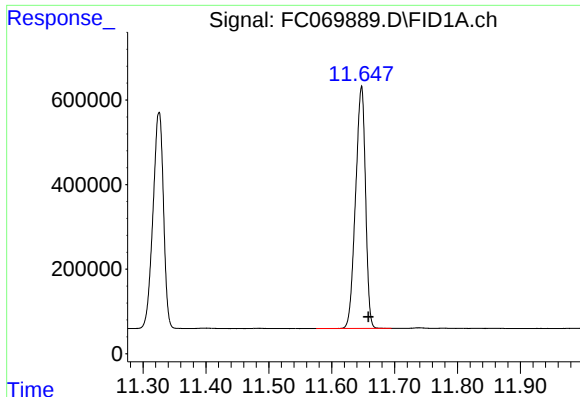
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.013 min
Response: 5652082
Conc: 34.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: -0.011 min
Response: 5932883
Conc: 33.29 ug/ml



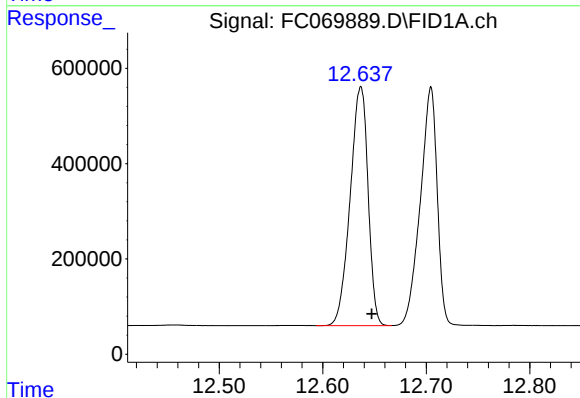
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.011 min
Response: 6297732
Conc: 33.62 ug/ml

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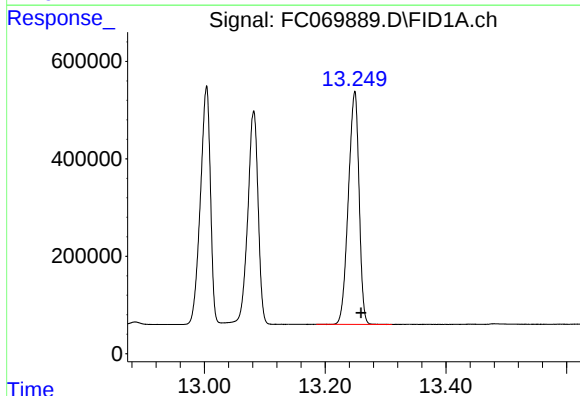
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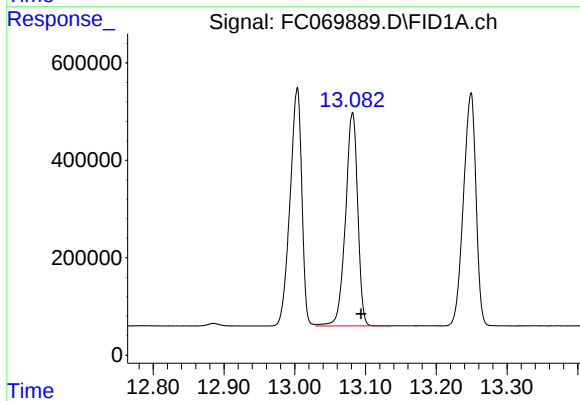
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.011 min
Response: 6033067
Conc: 33.50 ug/ml



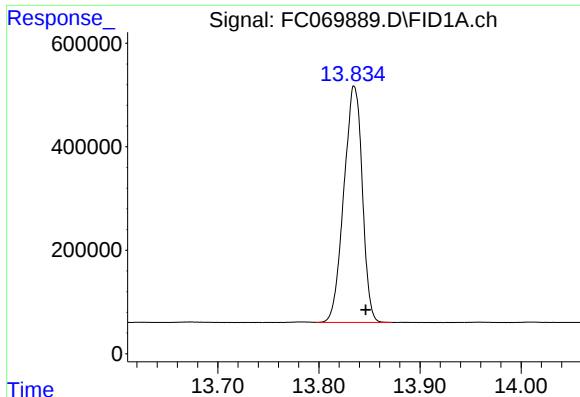
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.011 min
Response: 5881404
Conc: 32.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 5256653
Conc: 33.29 ug/ml



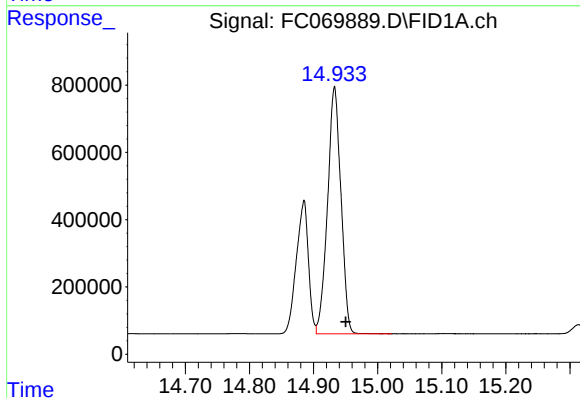
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.011 min
Response: 5781930
Conc: 31.83 ug/ml

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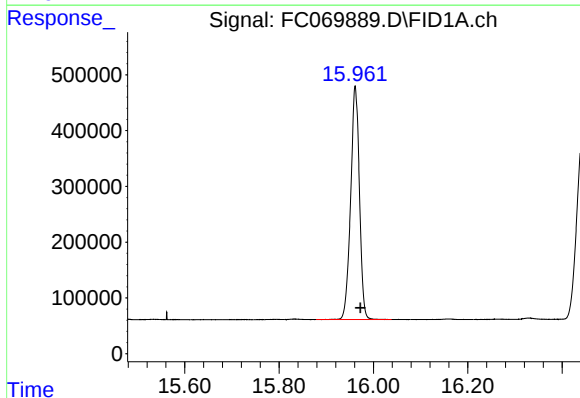
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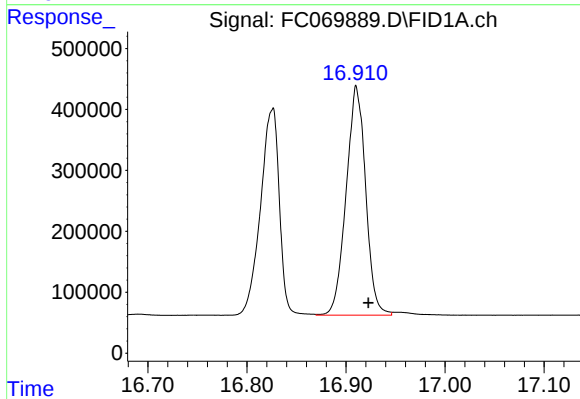
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.018 min
Response: 10683944
Conc: 58.06 ug/ml



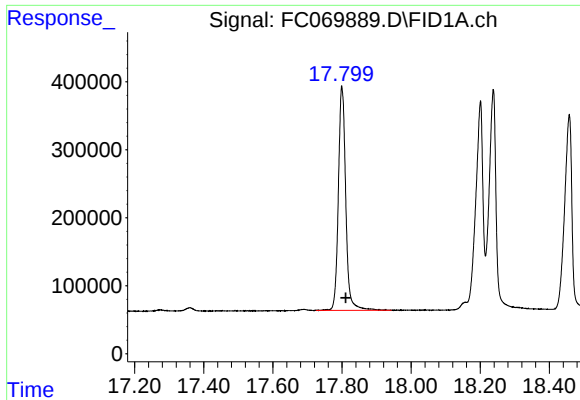
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.011 min
Response: 5401313
Conc: 29.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.013 min
Response: 5148159
Conc: 29.16 ug/ml m



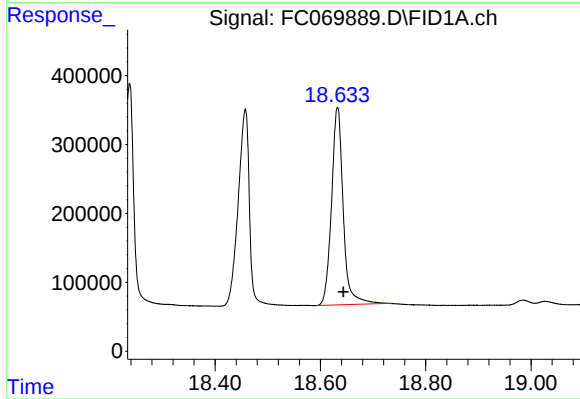
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: -0.011 min
Response: 4901150
Conc: 28.00 ug/ml

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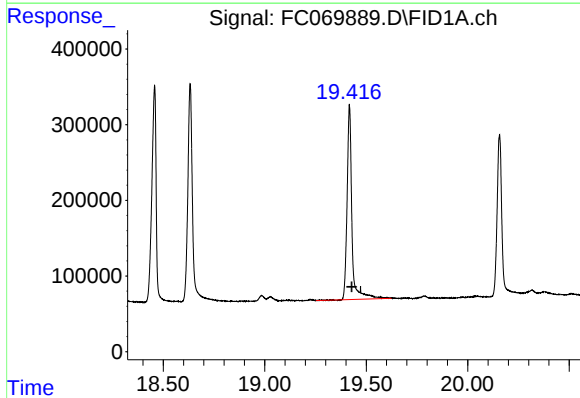
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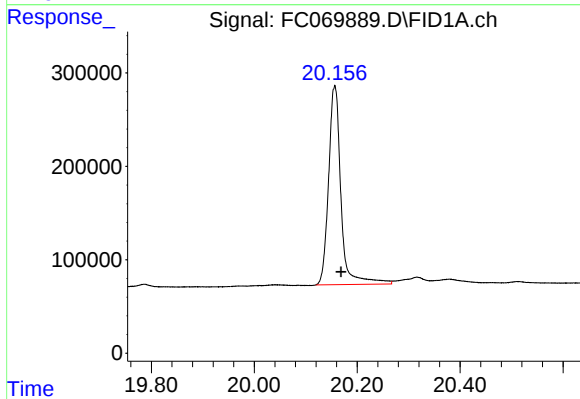
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.011 min
Response: 4417133
Conc: 27.30 ug/ml m



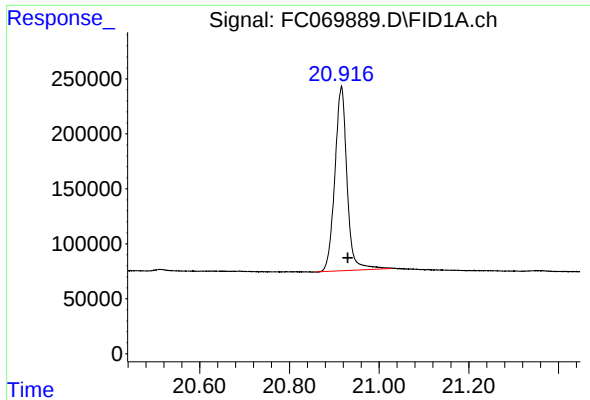
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.011 min
Response: 4253913
Conc: 30.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: -0.012 min
Response: 3555551
Conc: 31.49 ug/ml



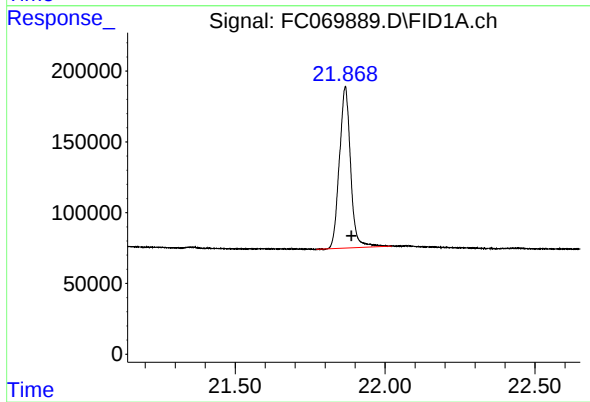
#21 n-Octatriacontane (C38)

R.T.: 20.916 min
Delta R.T.: -0.014 min
Response: 3156364
Conc: 32.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: -0.021 min
Response: 2953351
Conc: 34.29 ug/ml