

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061225AL\
 Data File : FC069194.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2025 22:44
 Operator : YP/AJ
 Sample : PB168441BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168441BSD

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 02:18:45 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...	13.115	3274800	36.503 ug/ml
Spiked Amount 50.000		Recovery =	73.01%
Target Compounds			
1) T n-Nonane (C9)	3.406	2523897	23.783 ug/ml
2) T n-Decane (C10)	4.481	3127100	29.527 ug/mlm
4) T n-Dodecane (C12)	6.507	3520743	33.492 ug/ml
6) T n-Tetradecane (C14)	8.307	3660739	35.713 ug/ml
7) T n-Hexadecane (C16)	9.911	3853577	37.978 ug/ml
8) T n-Octadecane (C18)	11.357	4003296	40.055 ug/ml
10) T n-Eicosane (C20)	12.669	4226005	43.389 ug/ml
11) T n-Heneicosane (C21)	13.282	4085166	42.442 ug/ml
13) T n-Docosane (C22)	13.870	4099083	43.026 ug/ml
14) T n-Tetracosane (C24)	14.974	4147759	44.053 ug/ml
15) T n-Hexacosane (C26)	15.997	4149786	44.698 ug/ml
16) T n-Octacosane (C28)	16.950	4178738	44.956 ug/ml
17) T n-Tricontane (C30)	17.839	4261328	44.041 ug/ml
18) T n-Dotriacontane (C32)	18.672	4102089	41.394 ug/ml
19) T n-Tetratriacontane (C34)	19.457	3378178	35.051 ug/ml
20) T n-Hexatriacontane (C36)	20.197	2413896	25.428 ug/ml
21) T n-Octatriacontane (C38)	20.966	1809242	19.831 ug/ml
22) T n-Tetracontane (C40)	21.935	1350984	15.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168441BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

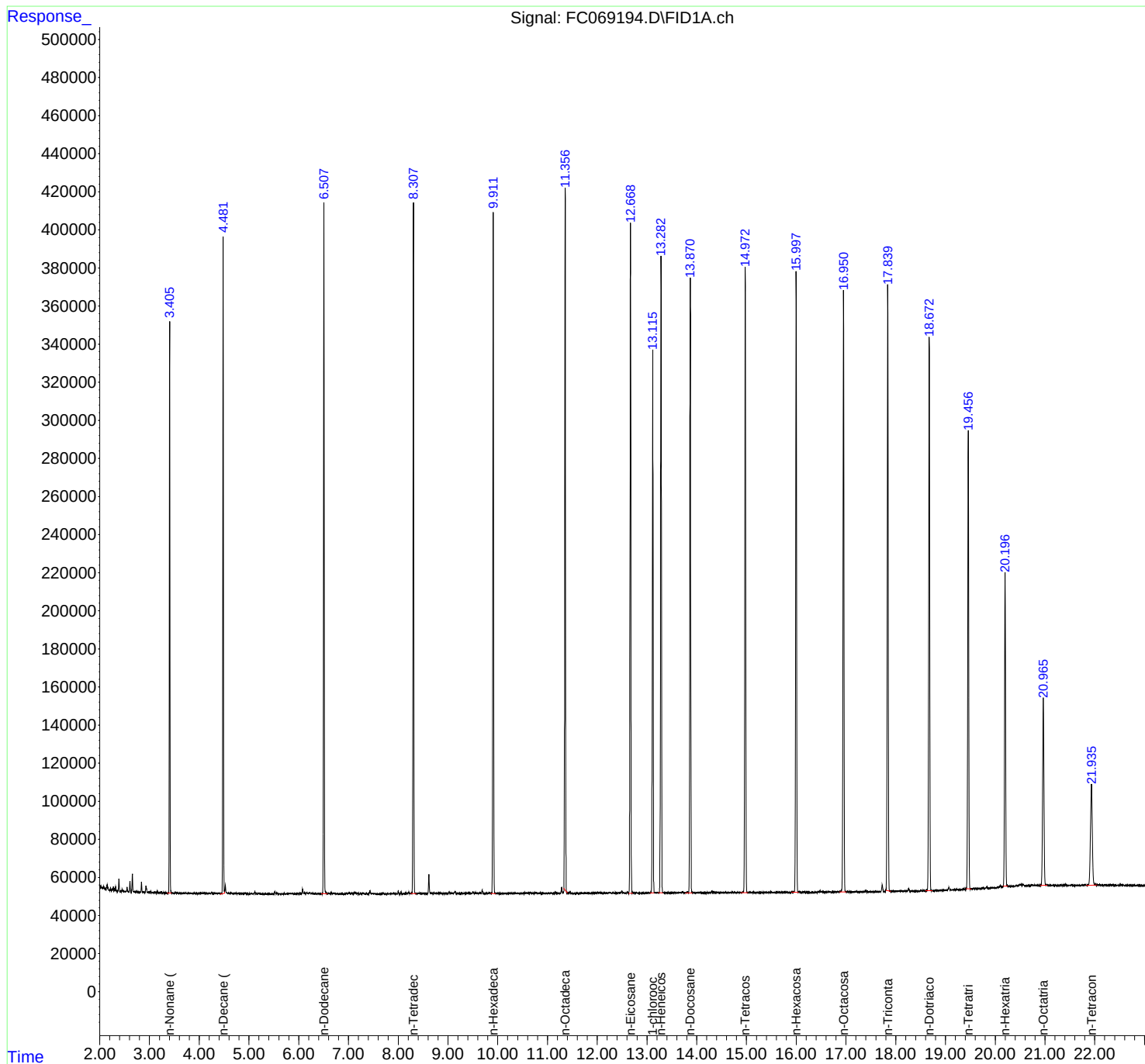
Instrument :
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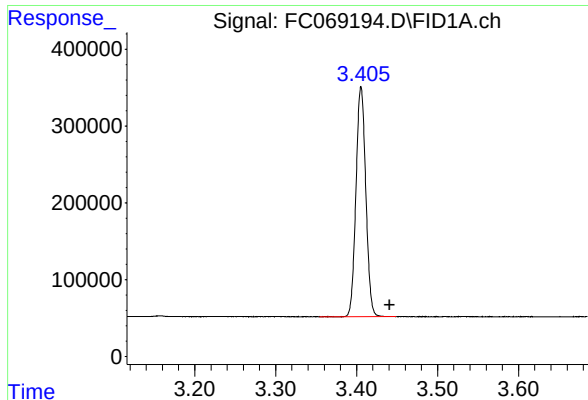
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: -0.035 min
Response: 2523897
Conc: 23.78 ug/ml

Instrument :

FID_C

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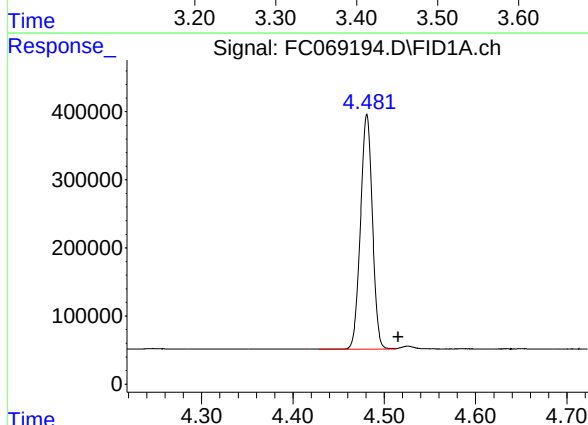
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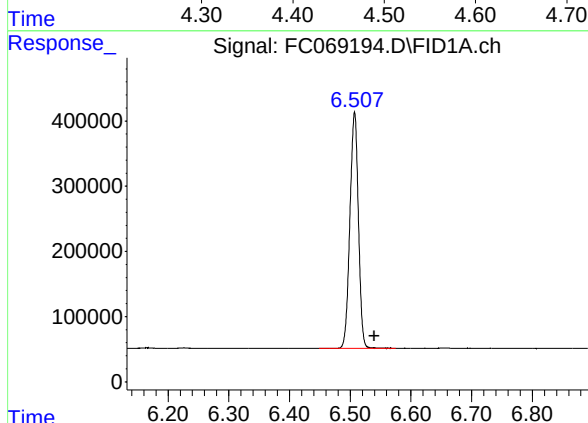
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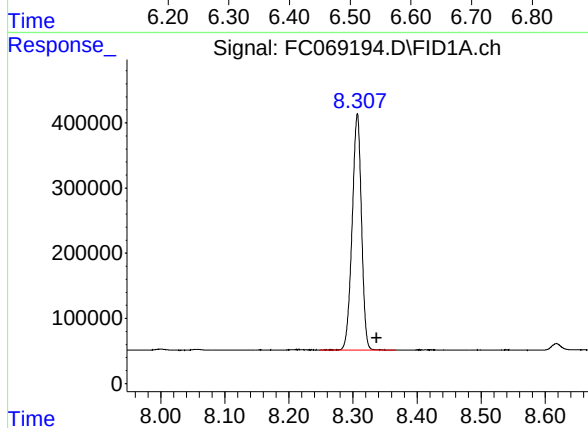
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.035 min
Response: 3127100
Conc: 29.53 ug/ml m



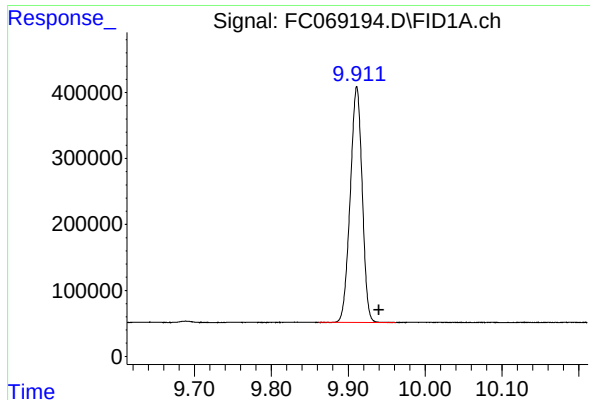
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 3520743
Conc: 33.49 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.031 min
Response: 3660739
Conc: 35.71 ug/ml



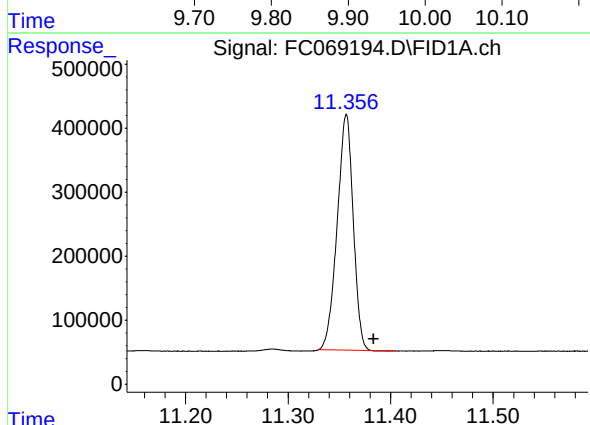
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 3853577
Conc: 37.98 ug/ml

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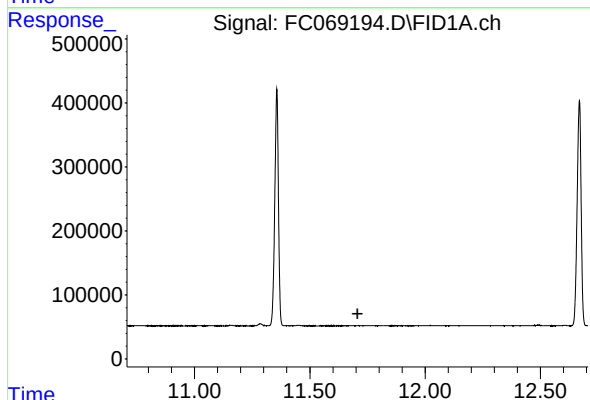
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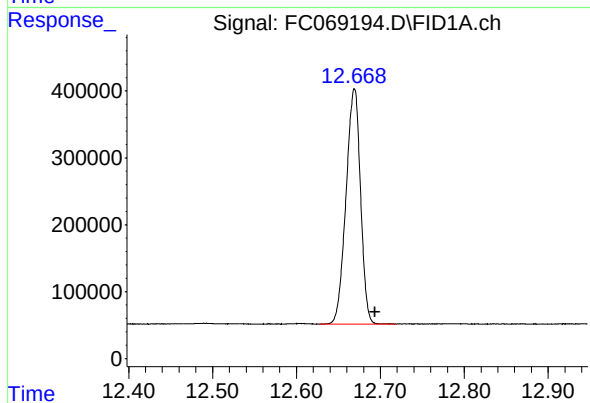
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.027 min
Response: 4003296
Conc: 40.06 ug/ml



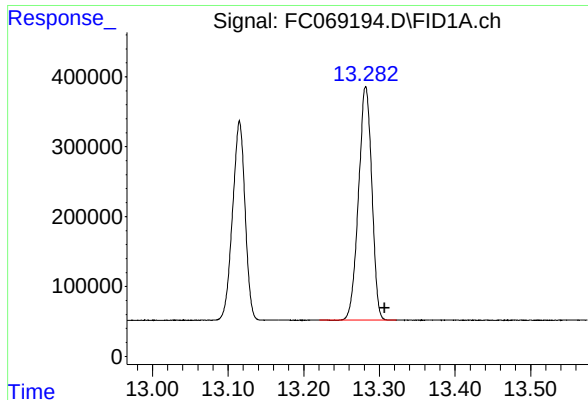
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 4226005
Conc: 43.39 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 4085166
Conc: 42.44 ug/ml

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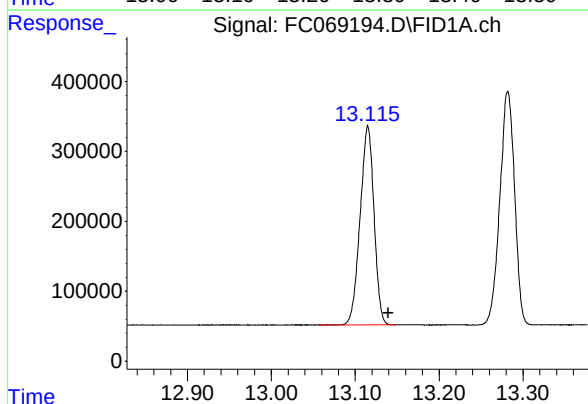
ClientSampleId :

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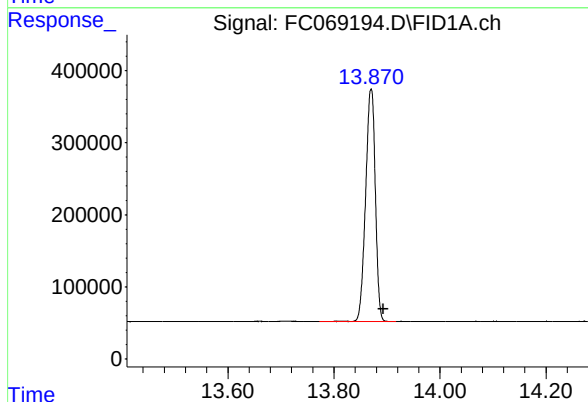
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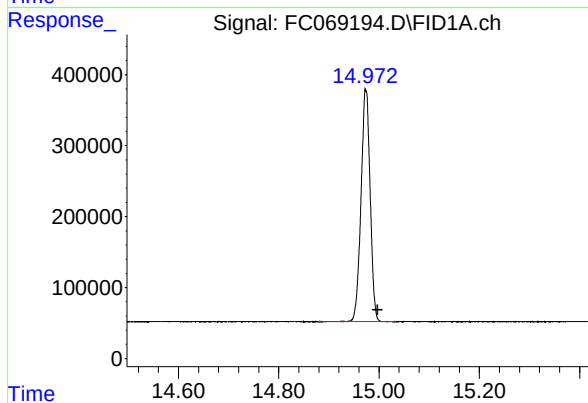
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3274800
Conc: 36.50 ug/ml



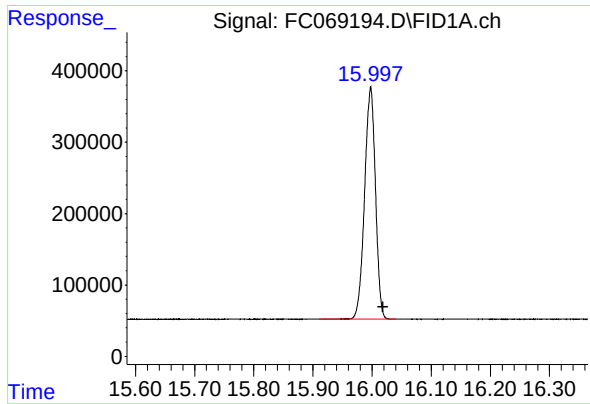
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: -0.023 min
Response: 4099083
Conc: 43.03 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.023 min
Response: 4147759
Conc: 44.05 ug/ml



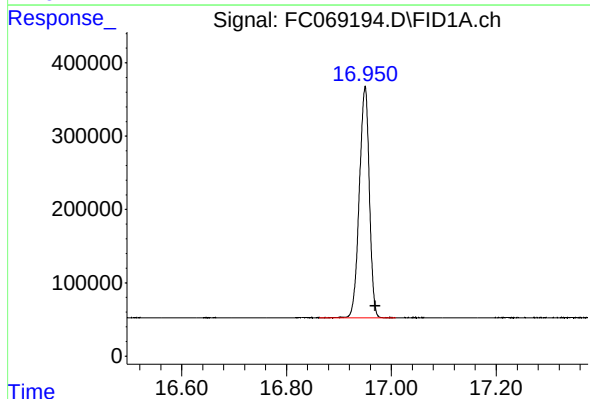
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: -0.021 min
Response: 4149786
Conc: 44.70 ug/ml

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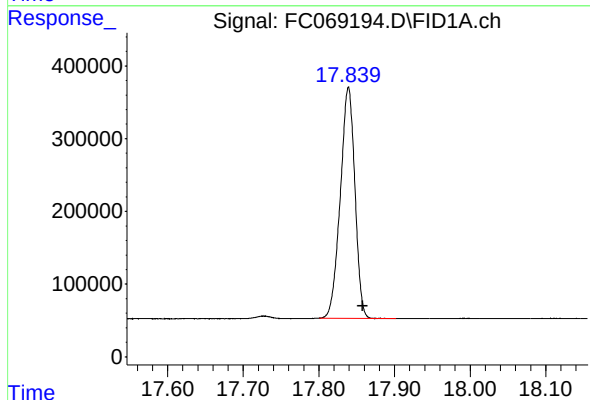
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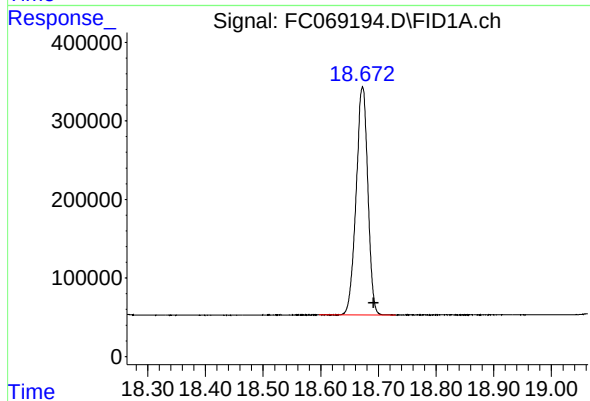
#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 4178738
Conc: 44.96 ug/ml



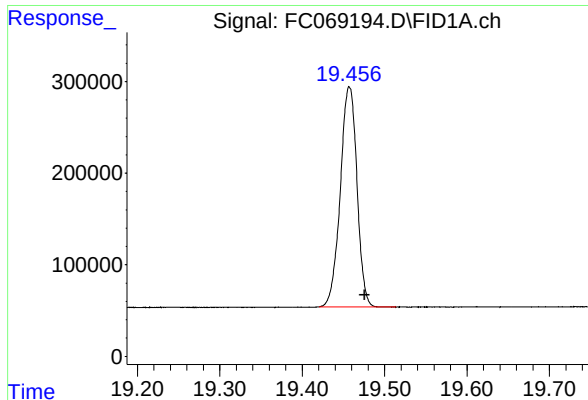
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 4261328
Conc: 44.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.020 min
Response: 4102089
Conc: 41.39 ug/ml



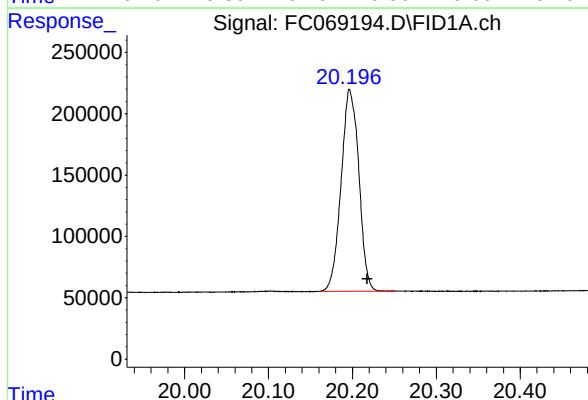
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.019 min
Response: 3378178
Conc: 35.05 ug/ml

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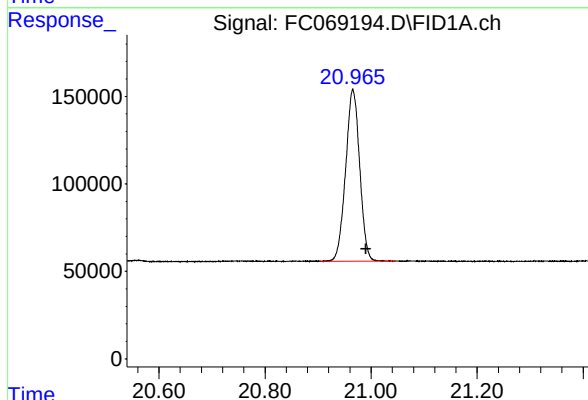
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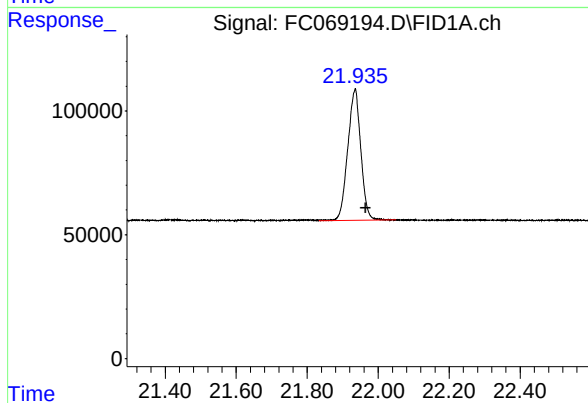
#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.021 min
Response: 2413896
Conc: 25.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.025 min
Response: 1809242
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.935 min
Delta R.T.: -0.030 min
Response: 1350984
Conc: 15.31 ug/ml m