

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070036.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 19:29
 Operator : YP/AJ
 Sample : Q3410-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:40:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.645	4013717	22.857 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
12) S 1-chlorooctadecane (S...	13.081	3532897	26.026 ug/ml
Spiked Amount 50.000		Recovery =	52.05%
Target Compounds			
1) T n-Nonane (C9)	3.394	4245479	30.917 ug/ml
2) T n-Decane (C10)	4.460	4556849	31.697 ug/ml
3) T A~Naphthalene (C11.7)	6.051	5696416	35.247 ug/ml
4) T n-Dodecane (C12)	6.479	4899789	31.967 ug/ml
5) T A~2-methylnaphthalene...	7.109	5116503	32.068 ug/ml
6) T n-Tetradecane (C14)	8.276	5024423	31.591 ug/ml
7) T n-Hexadecane (C16)	9.878	5042303	29.921 ug/ml
8) T n-Octadecane (C18)	11.323	4978617	29.264 ug/ml
10) T n-Eicosane (C20)	12.634	4833125	30.125 ug/ml
11) T n-Heneicosane (C21)	13.247	5032689	32.412 ug/ml
13) T n-Docosane (C22)	13.834	4784730	31.091 ug/ml
14) T n-Tetracosane (C24)	14.937	10740024	70.830 ug/ml
15) T n-Hexacosane (C26)	15.962	4426475	30.582 ug/ml
16) T n-Octacosane (C28)	16.913	4639988	33.549 ug/mlm
17) T n-Tricontane (C30)	17.805	4837332	35.430 ug/ml
18) T n-Dotriacontane (C32)	18.638	4846763	37.591 ug/mlm
19) T n-Tetratriacontane (C34)	19.423	4525083	39.659 ug/ml
20) T n-Hexatriacontane (C36)	20.160	3768207	38.964 ug/mlm
21) T n-Octatriacontane (C38)	20.923	3755703	43.090 ug/ml
22) T n-Tetracontane (C40)	21.877	3956507	48.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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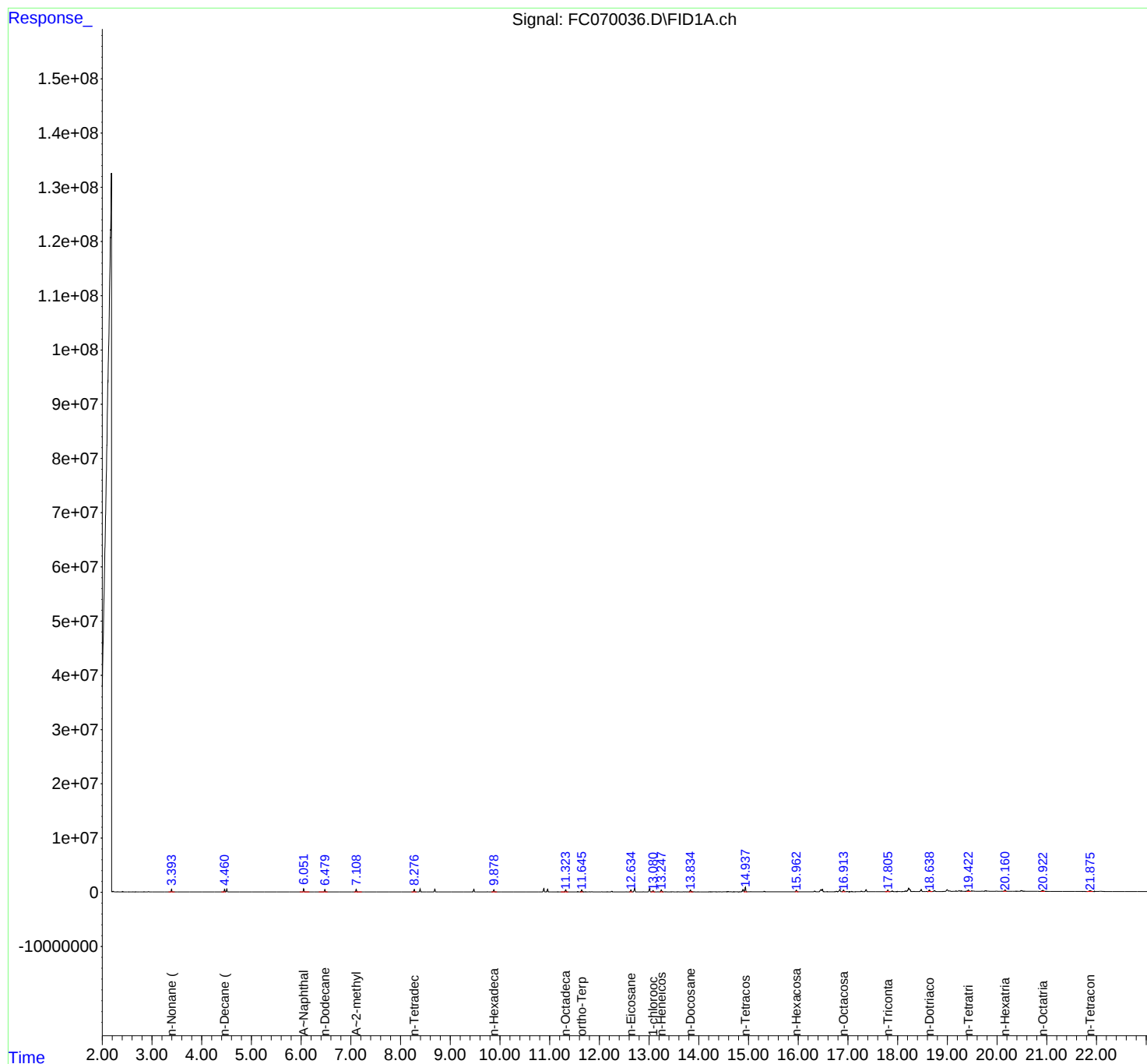
Instrument :
FID_C
ClientSampleId :
5MS

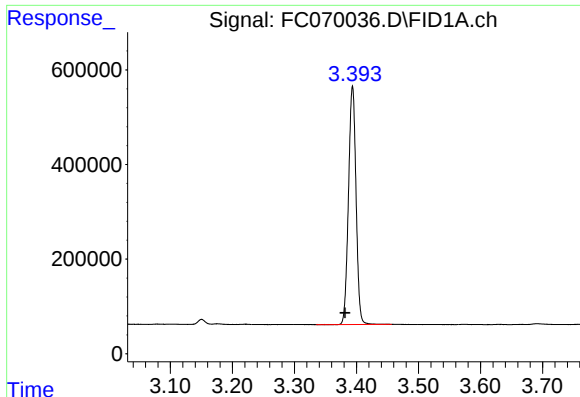
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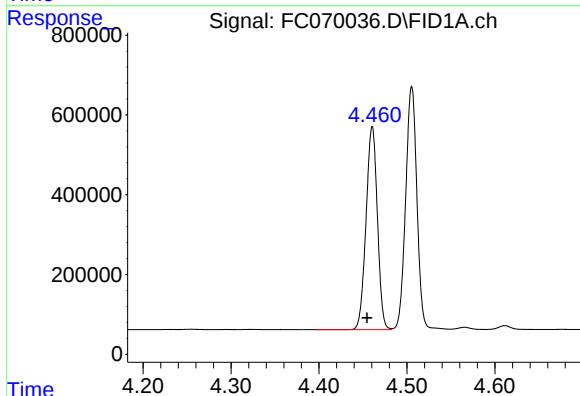
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: 0.012 min
Response: 4245479
Conc: 30.92 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

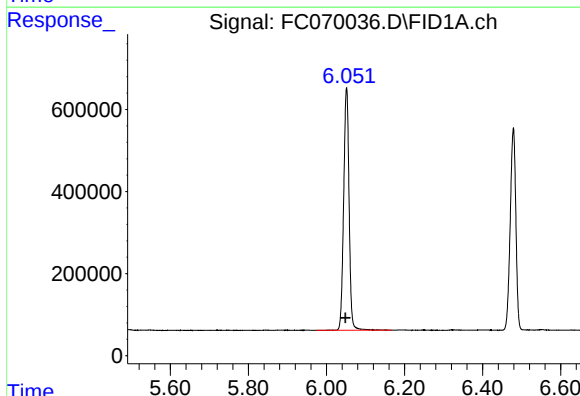
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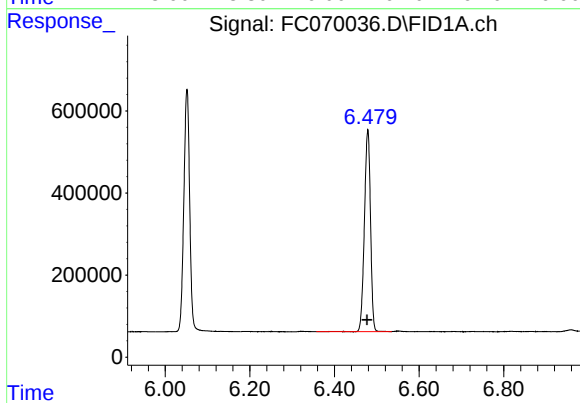
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.006 min
Response: 4556849
Conc: 31.70 ug/ml



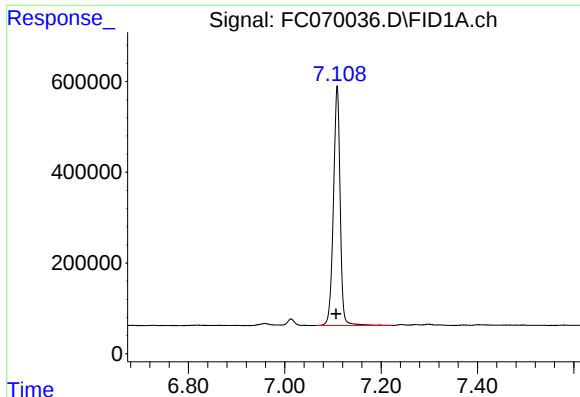
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.003 min
Response: 5696416
Conc: 35.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: 0.001 min
Response: 4899789
Conc: 31.97 ug/ml



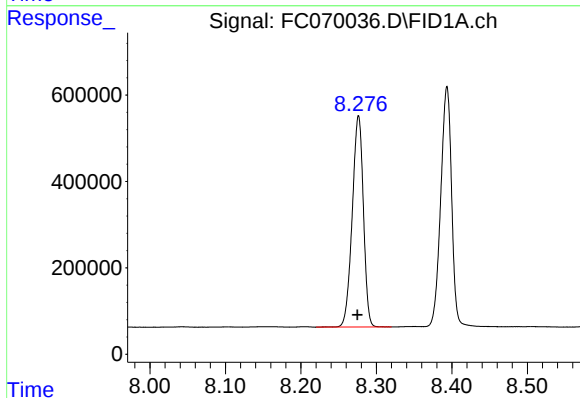
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: 0.002 min
Response: 5116503
Conc: 32.07 ug/ml

Instrument :
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SMS

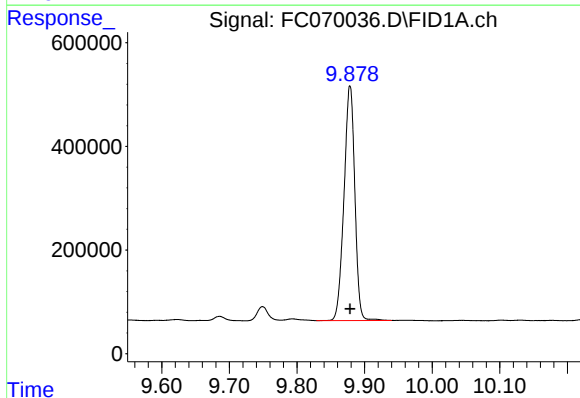
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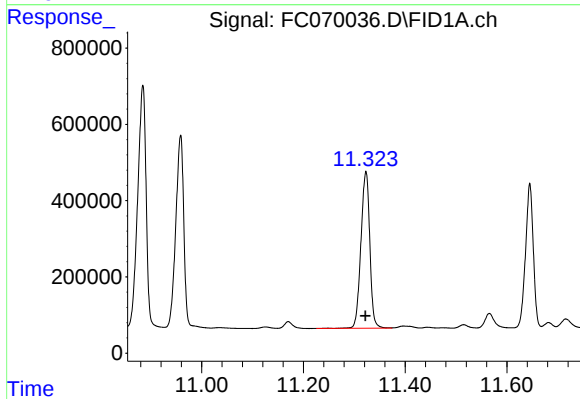
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: 0.001 min
Response: 5024423
Conc: 31.59 ug/ml



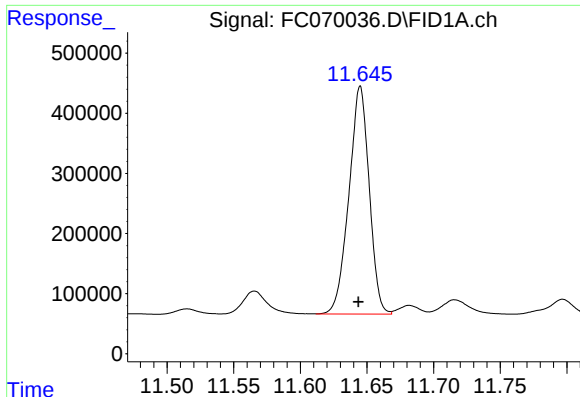
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 5042303
Conc: 29.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: 0.000 min
Response: 4978617
Conc: 29.26 ug/ml



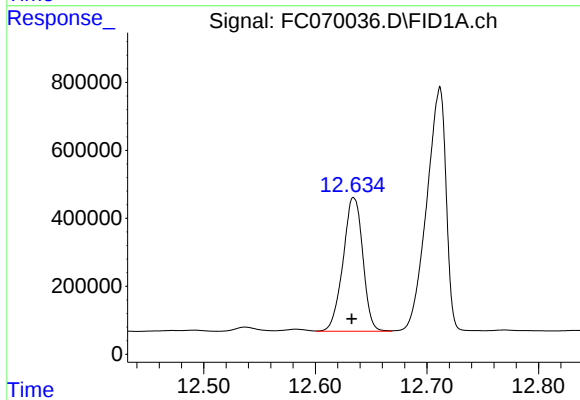
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.001 min
Response: 4013717
Conc: 22.86 ug/ml

Instrument :
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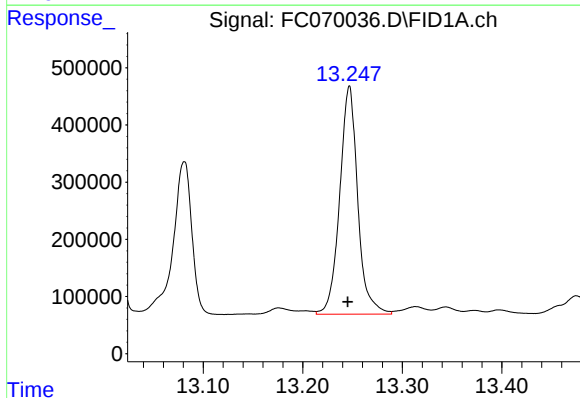
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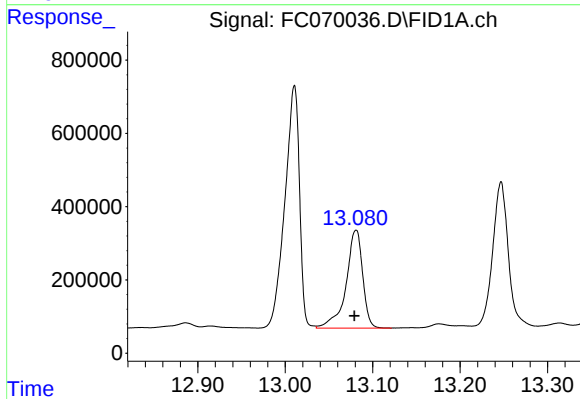
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: 0.002 min
Response: 4833125
Conc: 30.13 ug/ml



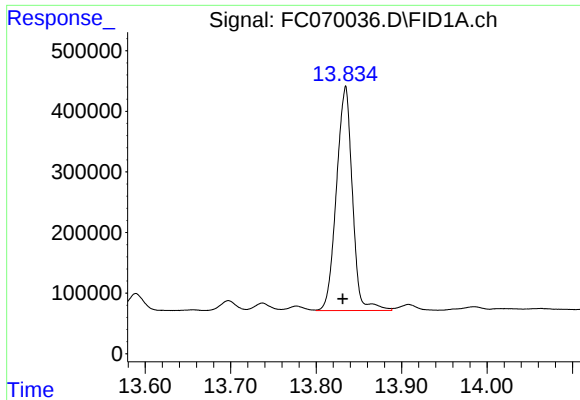
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.002 min
Response: 5032689
Conc: 32.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: 0.002 min
Response: 3532897
Conc: 26.03 ug/ml



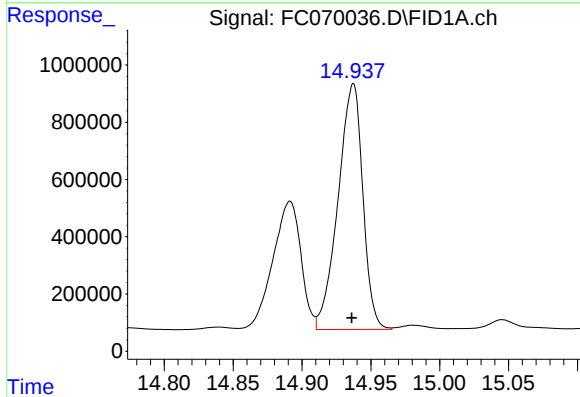
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: 0.003 min
Response: 4784730
Conc: 31.09 ug/ml

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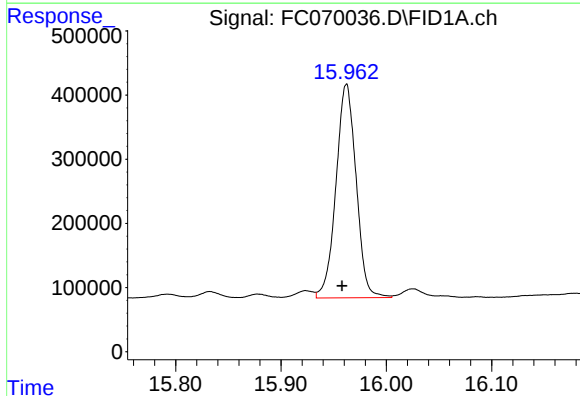
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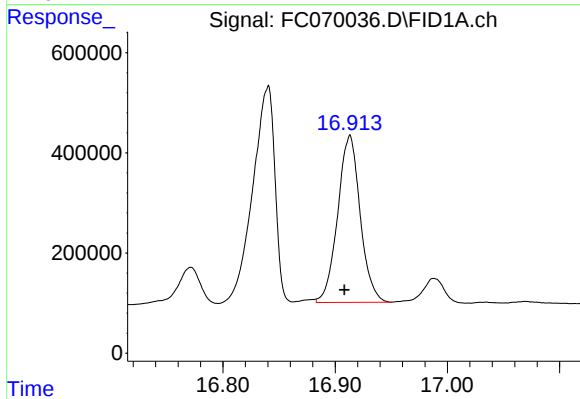
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.000 min
Response: 10740024
Conc: 70.83 ug/ml



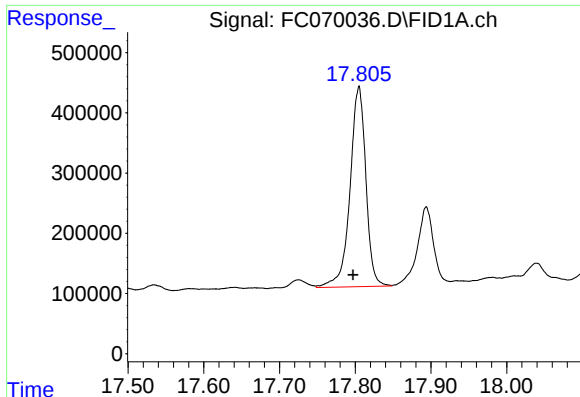
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: 0.004 min
Response: 4426475
Conc: 30.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: 0.005 min
Response: 4639988
Conc: 33.55 ug/ml m



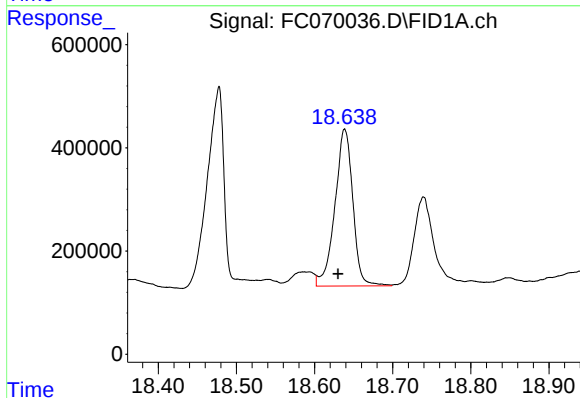
#17 n-Tricontane (C30)

R.T.: 17.805 min
Delta R.T.: 0.008 min
Response: 4837332
Conc: 35.43 ug/ml

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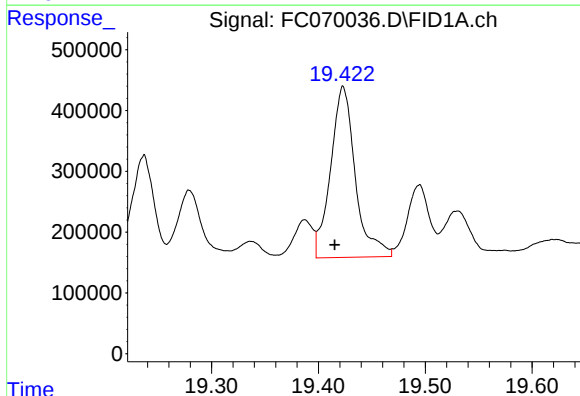
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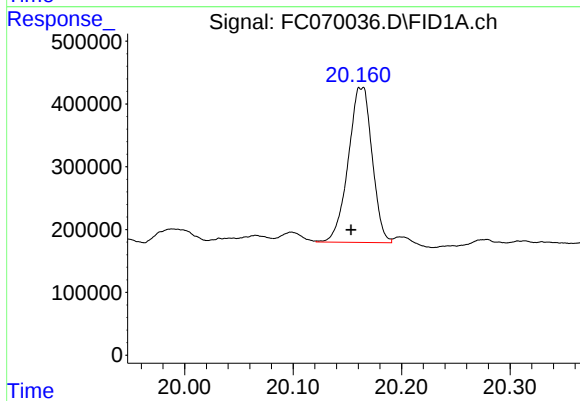
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: 0.008 min
Response: 4846763
Conc: 37.59 ug/ml m



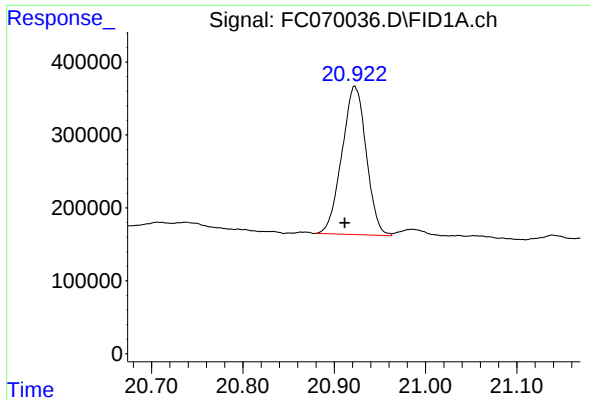
#19 n-Tetratriacontane (C34)

R.T.: 19.423 min
Delta R.T.: 0.008 min
Response: 4525083
Conc: 39.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: 0.007 min
Response: 3768207
Conc: 38.96 ug/ml m



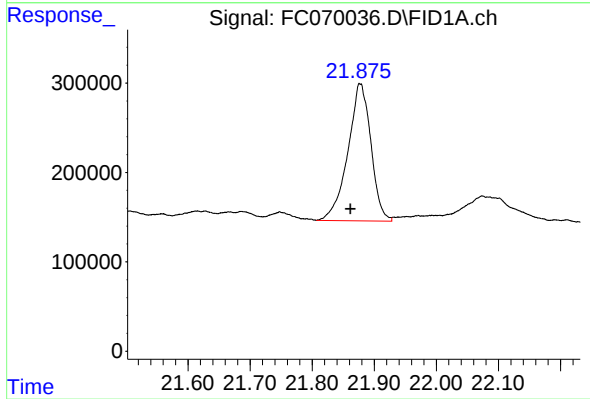
#21 n-Octatriacontane (C38)

R.T.: 20.923 min
Delta R.T.: 0.011 min
Response: 3755703
Conc: 43.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: 0.016 min
Response: 3956507
Conc: 48.15 ug/ml