

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068425.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 17:35
 Operator : YP/AJ
 Sample : Q1648-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-7MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/28/2025

Supervised By :mohammad ahmed 03/31/2025

Integration File: autoint1.e

Quant Time: Mar 28 02:48:47 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M

Quant Title : GC Extractables

QLast Update : Wed Mar 26 13:35:27 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)	11.386	5138662	25.871 ug/mlm
Spiked Amount 50.000		Recovery =	51.74%
12) S 1-chlorooctadecane (S...	12.827	4196520	28.150 ug/ml
Spiked Amount 50.000		Recovery =	56.30%
Target Compounds			
1) T n-Nonane (C9)	3.195	4055600	25.357 ug/ml
2) T n-Decane (C10)	4.254	4620494	28.503 ug/ml
3) T A~Naphthalene (C11.7)	5.819	5566585	31.507 ug/ml
4) T n-Dodecane (C12)	6.261	5144920	31.199 ug/ml
5) T A~2-methylnaphthalene...	6.871	5275313	31.014 ug/ml
6) T n-Tetradecane (C14)	8.051	5356319	32.554 ug/ml
7) T n-Hexadecane (C16)	9.644	5783833	33.656 ug/ml
8) T n-Octadecane (C18)	11.082	5661630	32.255 ug/ml
10) T n-Eicosane (C20)	12.389	6032926	35.226 ug/ml
11) T n-Heneicosane (C21)	12.997	5785686	34.492 ug/ml
13) T n-Docosane (C22)	13.582	5694477	33.755 ug/ml
14) T n-Tetracosane (C24)	14.643	12647338	73.848 ug/mlm
15) T n-Hexacosane (C26)	15.702	5345323	31.760 ug/ml
16) T n-Octacosane (C28)	16.649	5426401	32.452 ug/ml
17) T n-Tricontane (C30)	17.537	5164644	29.621 ug/ml
18) T n-Dotriacontane (C32)	18.365	5002207	29.881 ug/ml
19) T n-Tetratriacontane (C34)	19.148	4815132	32.645 ug/ml
20) T n-Hexatriacontane (C36)	19.886	4569837	37.341 ug/mlm
21) T n-Octatriacontane (C38)	20.595	4430987	41.263 ug/ml
22) T n-Tetracontane (C40)	21.440	4231061	43.172 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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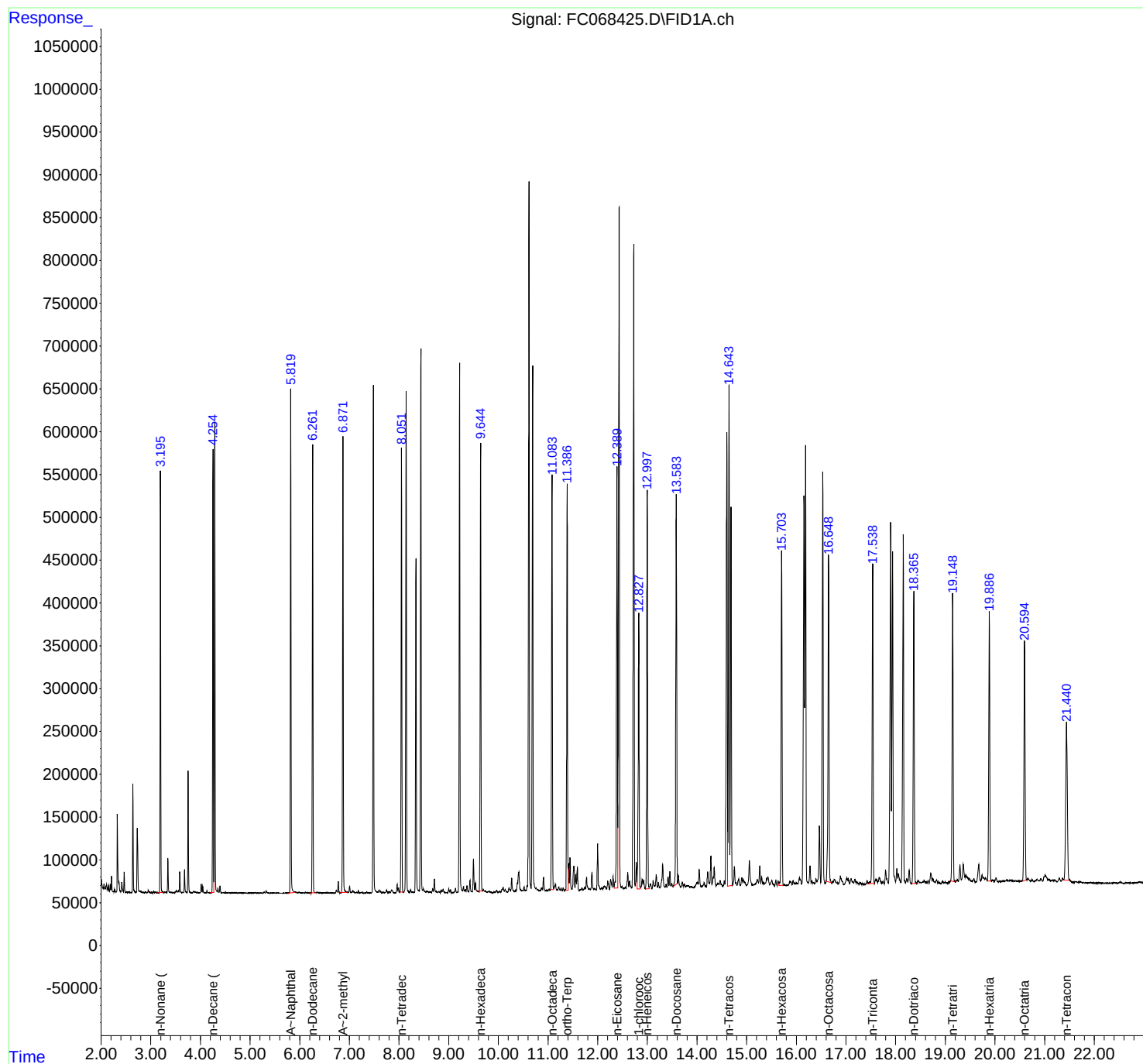
Instrument :
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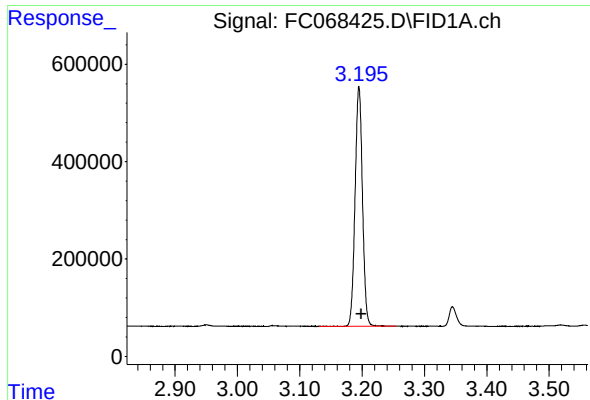
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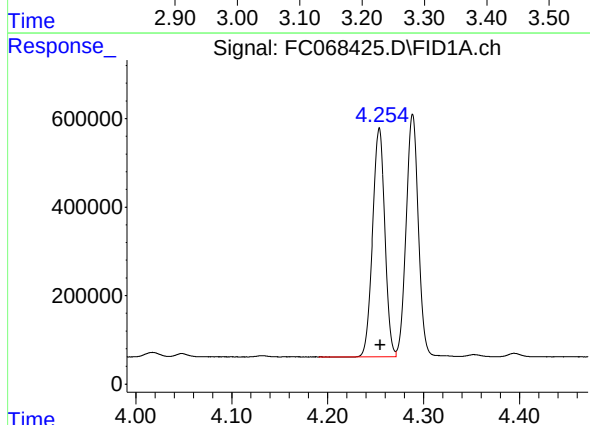
#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: -0.004 min
Response: 4055600
Conc: 25.36 ug/ml

Instrument :
FID_C
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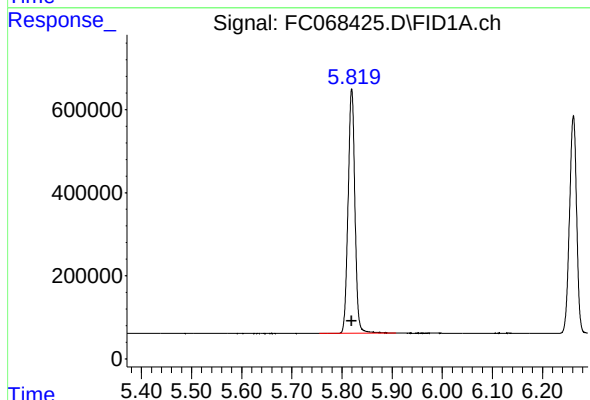
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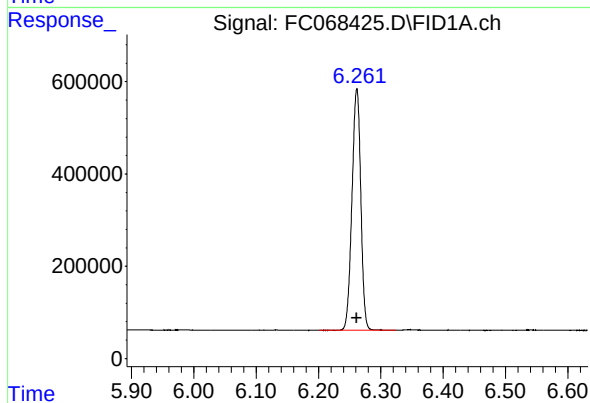
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 4620494
Conc: 28.50 ug/ml



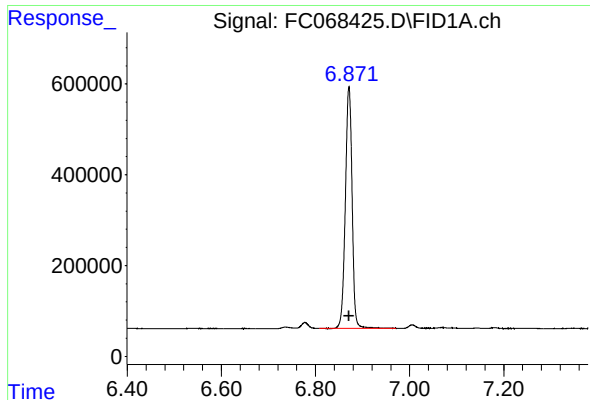
#3 A~Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 5566585
Conc: 31.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 5144920
Conc: 31.20 ug/ml



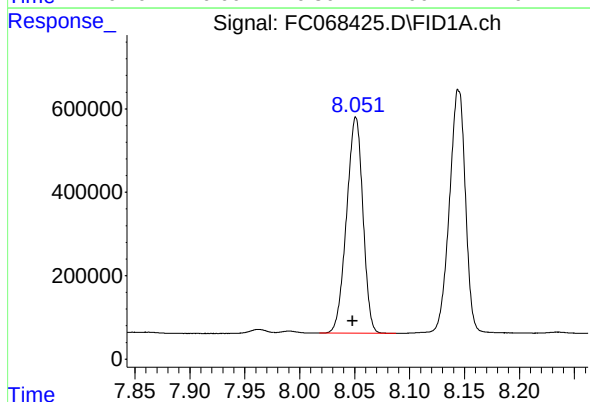
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 5275313
Conc: 31.01 ug/ml

Instrument :
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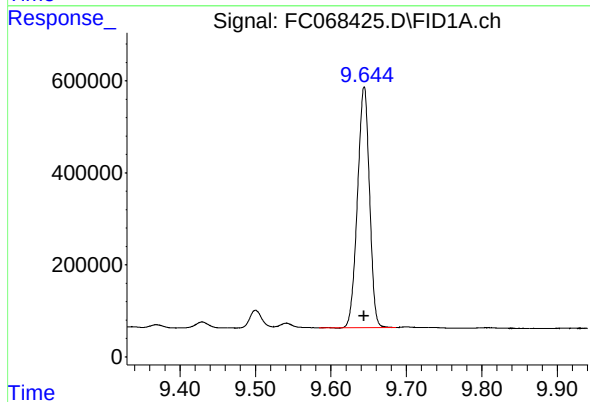
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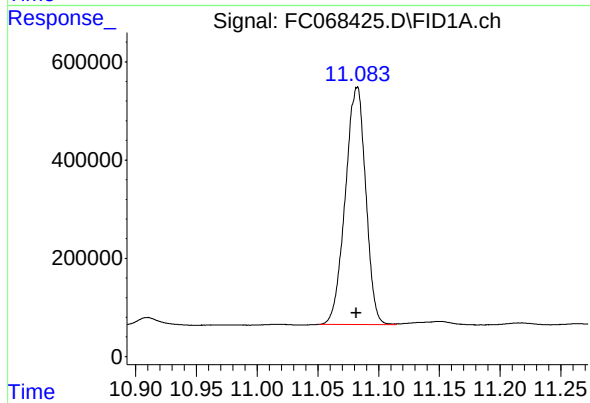
#6 n-Tetradecane (C14)

R.T.: 8.051 min
Delta R.T.: 0.003 min
Response: 5356319
Conc: 32.55 ug/ml



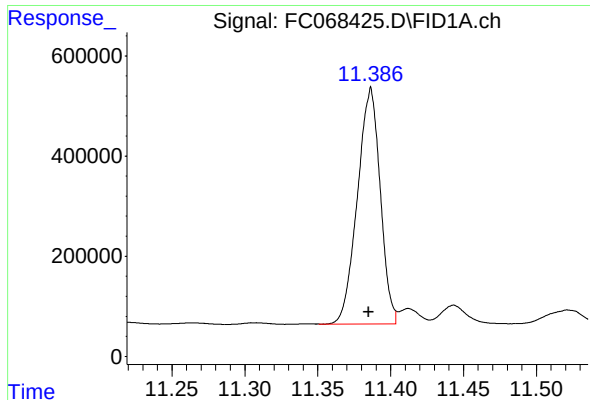
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 5783833
Conc: 33.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: 0.000 min
Response: 5661630
Conc: 32.26 ug/ml



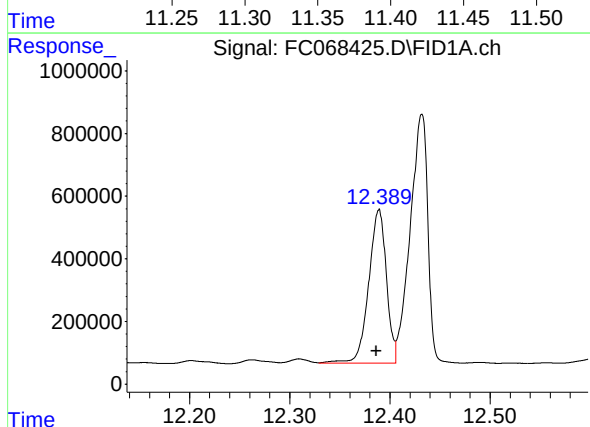
#9 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.001 min
Response: 5138662
Conc: 25.87 ug/ml

Instrument :
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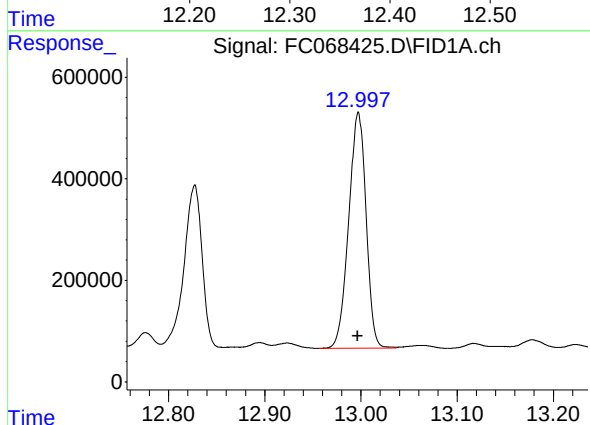
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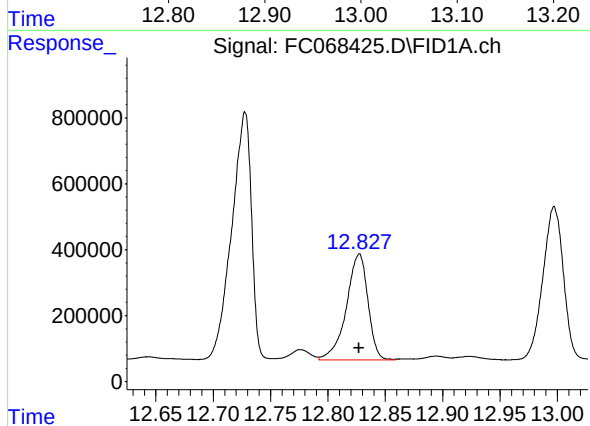
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 6032926
Conc: 35.23 ug/ml



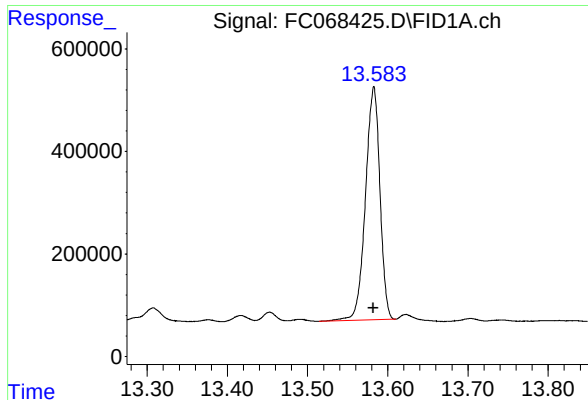
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 5785686
Conc: 34.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 4196520
Conc: 28.15 ug/ml



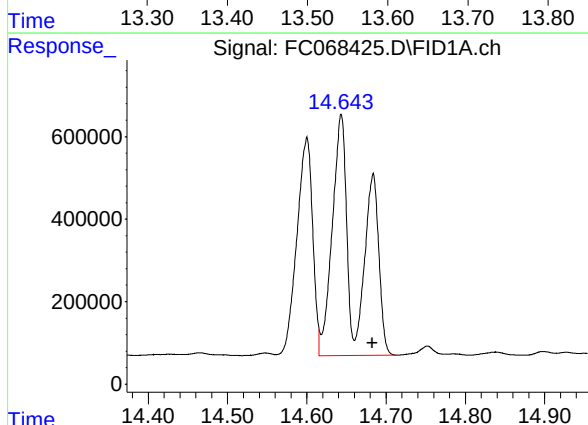
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 5694477
Conc: 33.76 ug/ml

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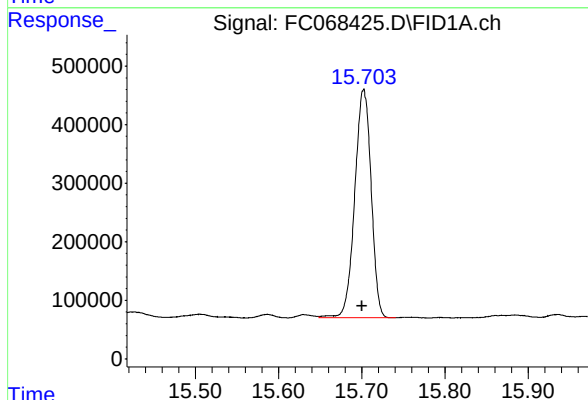
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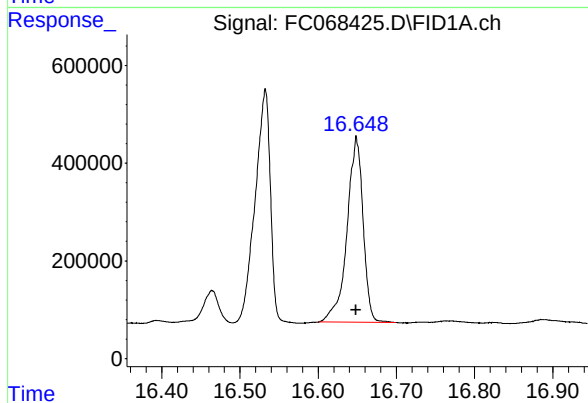
#14 n-Tetracosane (C24)

R.T.: 14.643 min
Delta R.T.: -0.040 min
Response: 12647338
Conc: 73.85 ug/ml m



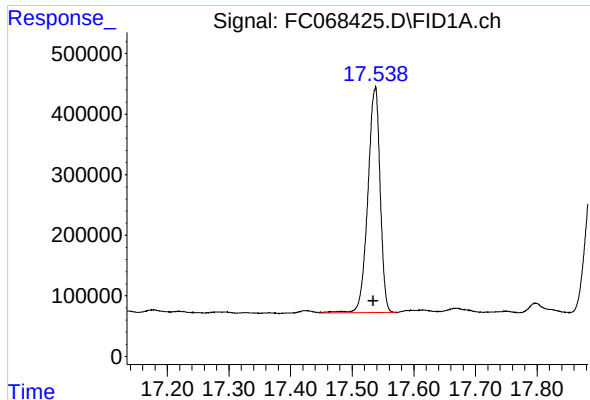
#15 n-Hexacosane (C26)

R.T.: 15.702 min
Delta R.T.: 0.002 min
Response: 5345323
Conc: 31.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.649 min
Delta R.T.: 0.000 min
Response: 5426401
Conc: 32.45 ug/ml



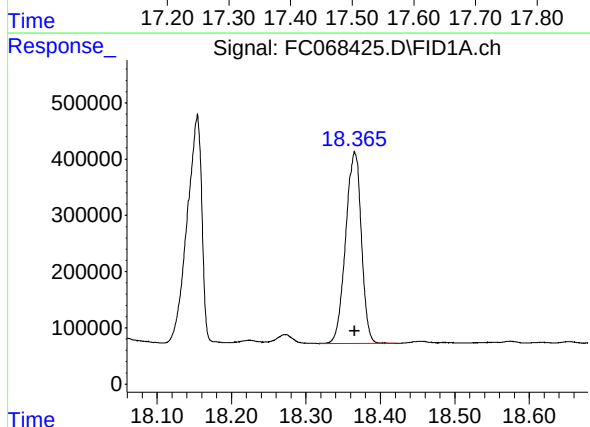
#17 n-Tricontane (C30)

R.T.: 17.537 min
Delta R.T.: 0.003 min
Response: 5164644
Conc: 29.62 ug/ml

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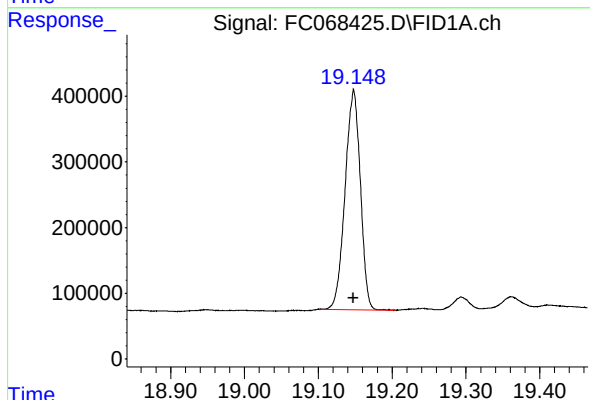
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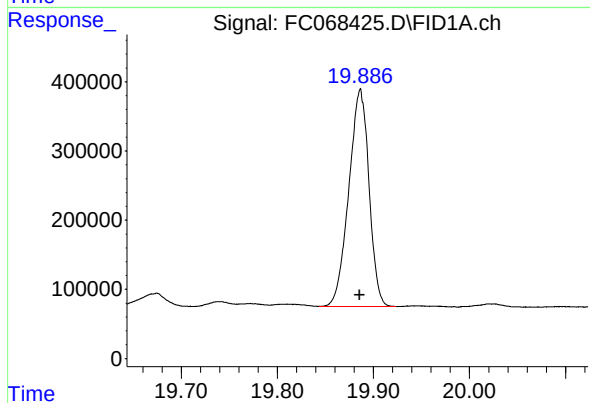
#18 n-Dotriacontane (C32)

R.T.: 18.365 min
Delta R.T.: 0.000 min
Response: 5002207
Conc: 29.88 ug/ml



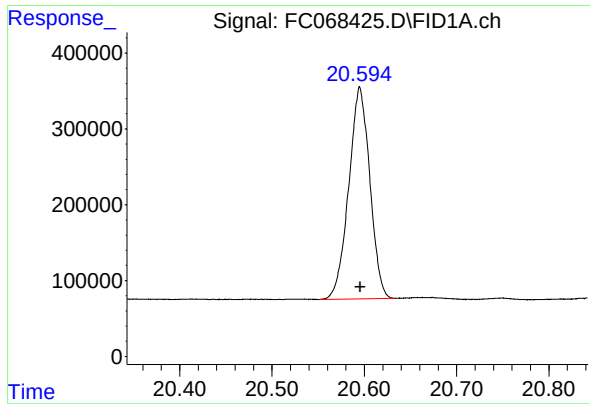
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.000 min
Response: 4815132
Conc: 32.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.886 min
Delta R.T.: 0.000 min
Response: 4569837
Conc: 37.34 ug/ml m



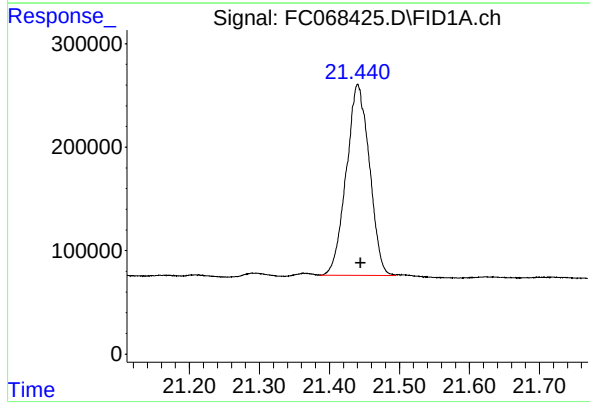
#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: 0.000 min
Response: 4430987
Conc: 41.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.440 min
Delta R.T.: -0.005 min
Response: 4231061
Conc: 43.17 ug/ml m