

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051525AL\
 Data File : FC068893.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 19:56
 Operator : YP/AJ
 Sample : Q2047-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-04-051425MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2025
 Supervised By :mohammad ahmed 05/19/2025

Integration File: autoint1.e
 Quant Time: May 16 08:02:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	3568922	31.268 ug/ml
Spiked Amount 50.000		Recovery =	62.54%
12) S 1-chlorooctadecane (S...	13.142	2809805	35.024 ug/ml
Spiked Amount 50.000		Recovery =	70.05%
Target Compounds			
1) T n-Nonane (C9)	3.440	2647756	26.325 ug/ml
2) T n-Decane (C10)	4.516	2932581	29.431 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2954471	26.795 ug/ml
4) T n-Dodecane (C12)	6.541	3107381	31.976 ug/ml
5) T A~2-methylnaphthalene...	7.171	2846440	26.520 ug/ml
6) T n-Tetradecane (C14)	8.339	3329116	36.020 ug/ml
7) T n-Hexadecane (C16)	9.942	3584922	40.035 ug/ml
8) T n-Octadecane (C18)	11.385	3549754	40.468 ug/ml
10) T n-Eicosane (C20)	12.696	3660999	42.960 ug/ml
11) T n-Heneicosane (C21)	13.309	3505499	41.561 ug/ml
13) T n-Docosane (C22)	13.896	3487887	41.692 ug/ml
14) T n-Tetracosane (C24)	14.991	6455050	77.578 ug/ml
15) T n-Hexacosane (C26)	16.022	3431481	41.416 ug/ml
16) T n-Octacosane (C28)	16.973	3476154	42.061 ug/ml
17) T n-Tricontane (C30)	17.863	3522651	41.633 ug/ml
18) T n-Dotriacontane (C32)	18.695	3246545	37.691 ug/ml
19) T n-Tetratriacontane (C34)	19.481	2397540	28.140 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1301044	15.137 ug/ml
21) T n-Octatriacontane (C38)	20.994	789675	9.414 ug/mlm
22) T n-Tetracontane (C40)	21.976	555202	6.774 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 18 Sample Multiplier: 1

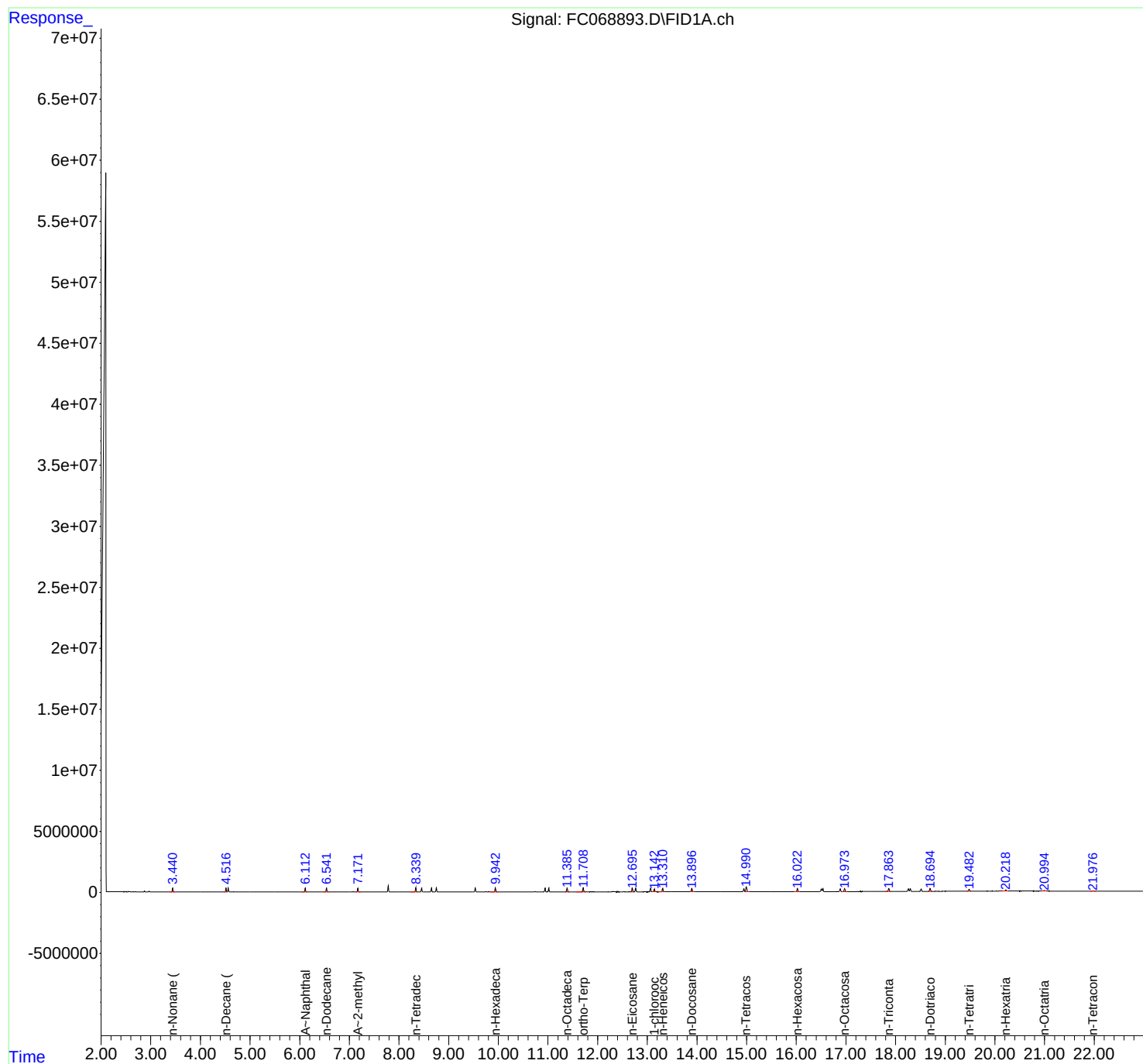
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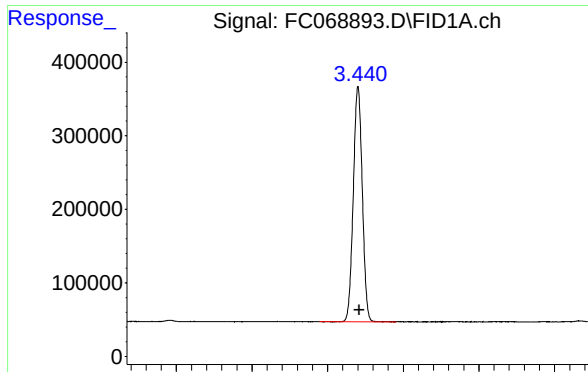
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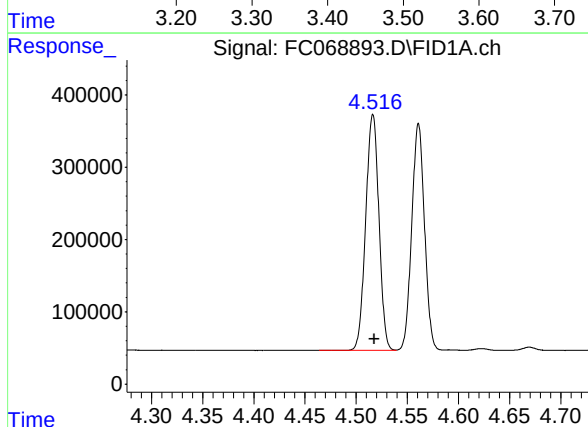
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 2647756
Conc: 26.32 ug/ml

Instrument :
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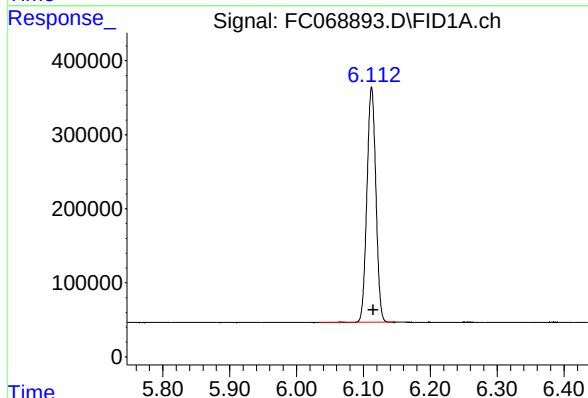
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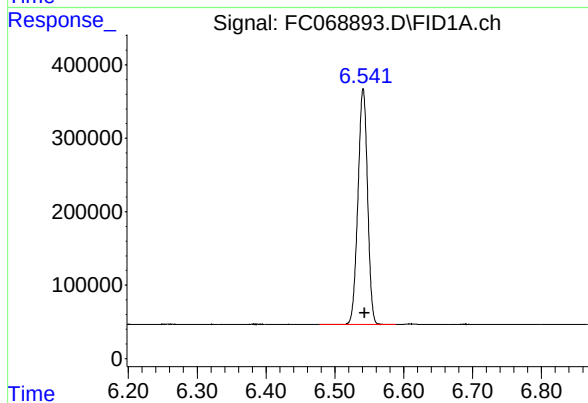
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 2932581
Conc: 29.43 ug/ml



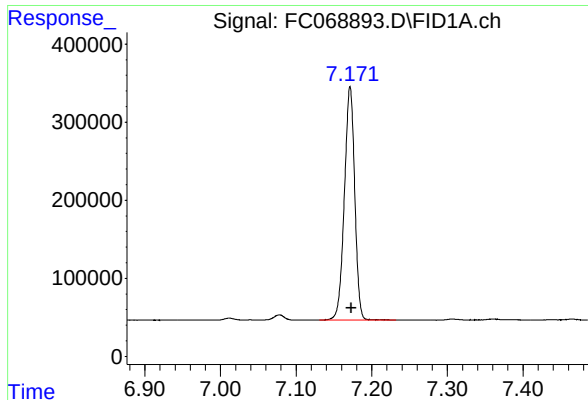
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 2954471
Conc: 26.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 3107381
Conc: 31.98 ug/ml



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

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 2846440
Conc: 26.52 ug/ml

Instrument :

FID_C

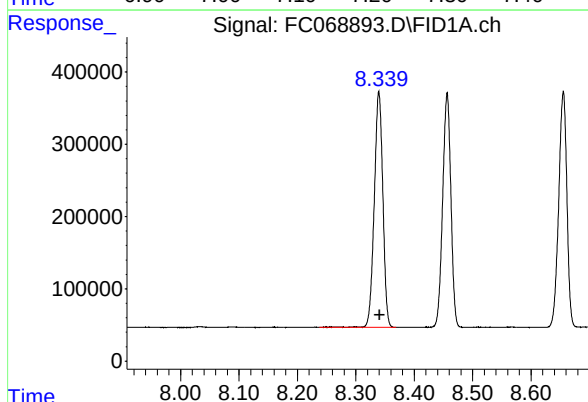
ClientSampleId :

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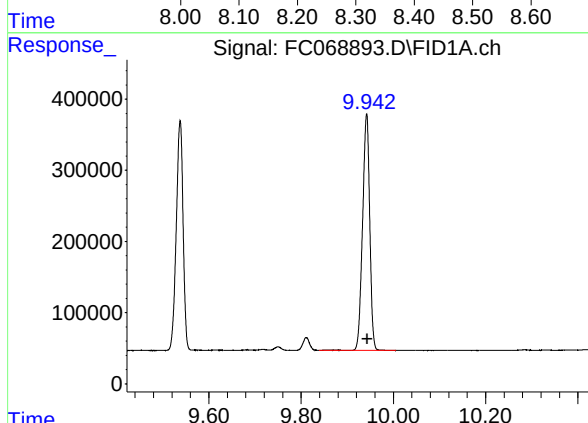
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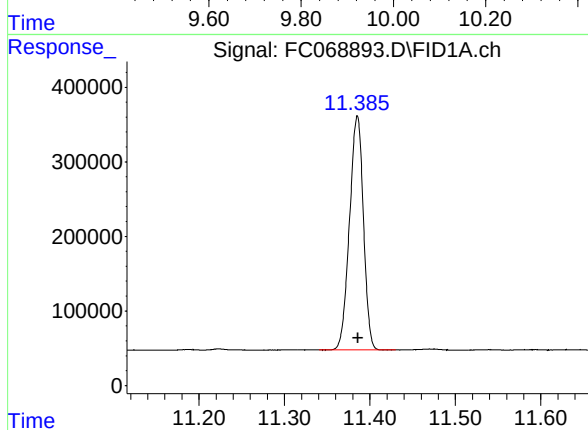
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: -0.001 min
Response: 3329116
Conc: 36.02 ug/ml



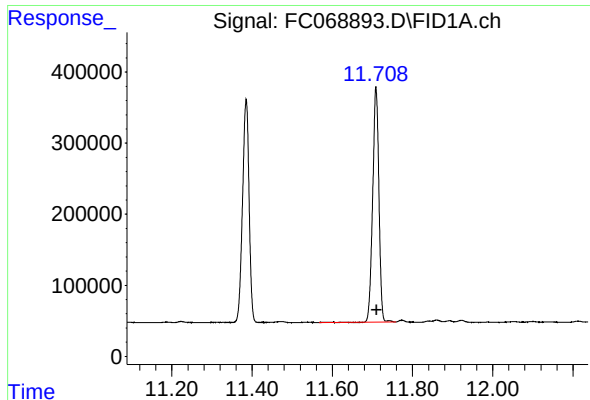
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 3584922
Conc: 40.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.385 min
Delta R.T.: -0.001 min
Response: 3549754
Conc: 40.47 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 3568922
Conc: 31.27 ug/ml

Instrument :

FID_C

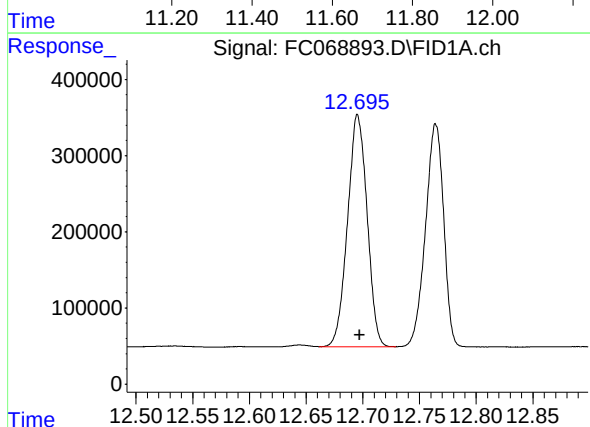
ClientSampleId :

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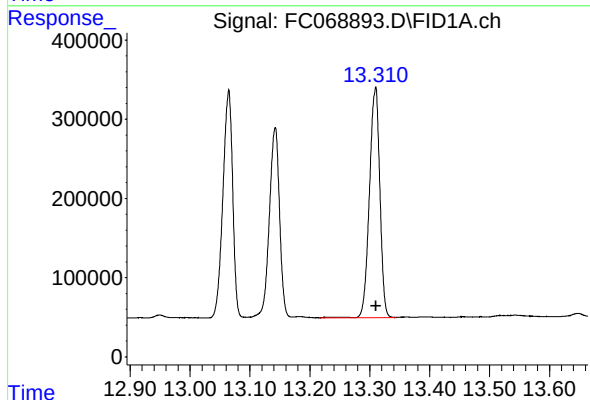
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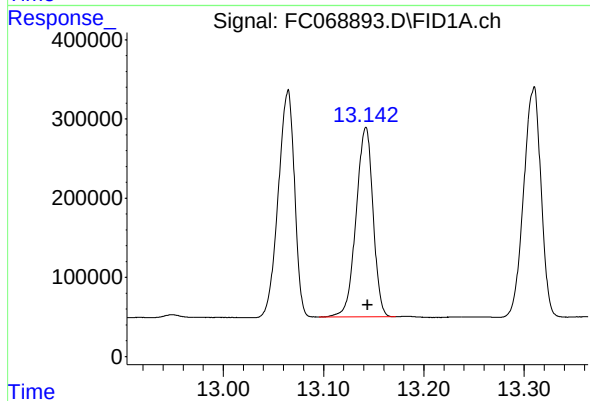
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.002 min
Response: 3660999
Conc: 42.96 ug/ml



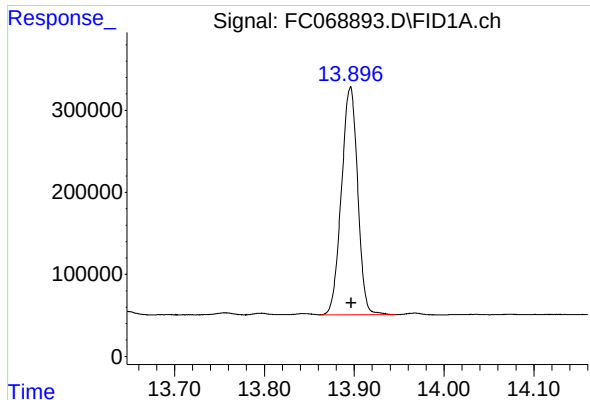
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: -0.001 min
Response: 3505499
Conc: 41.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 2809805
Conc: 35.02 ug/ml



#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: -0.001 min
Response: 3487887
Conc: 41.69 ug/ml

Instrument :

FID_C

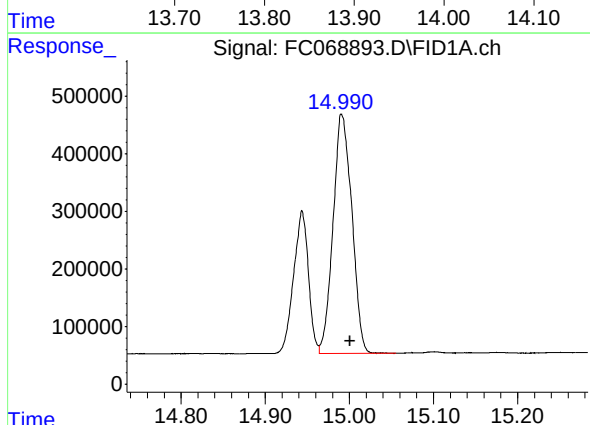
ClientSampleId :

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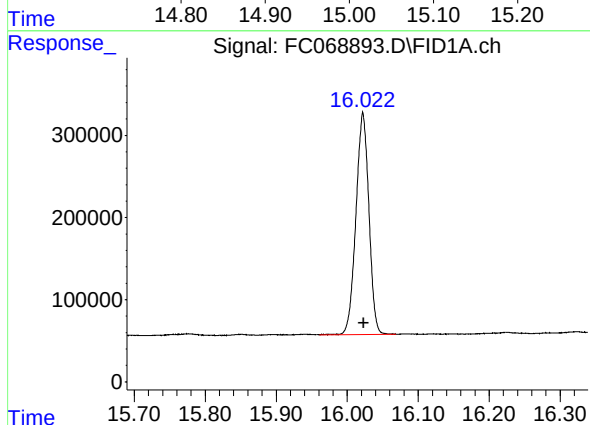
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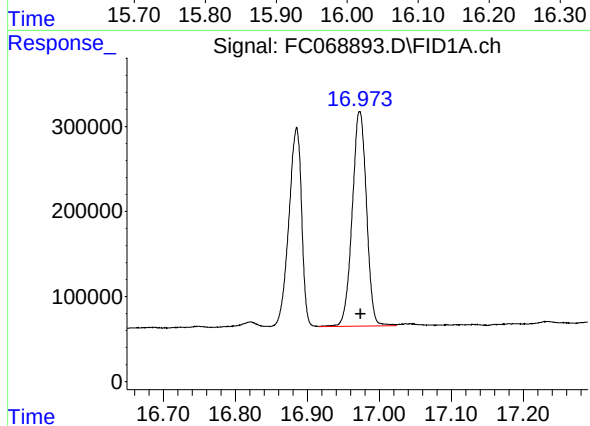
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.009 min
Response: 6455050
Conc: 77.58 ug/ml



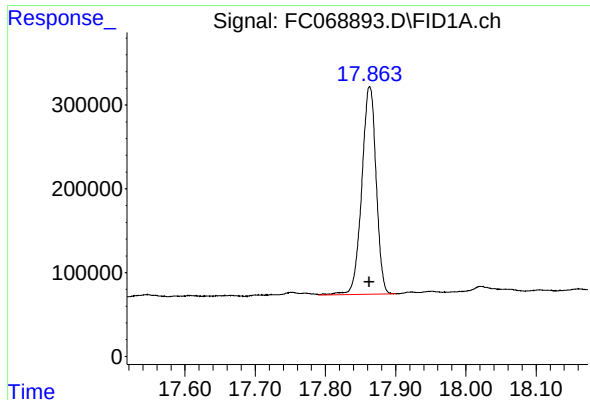
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.001 min
Response: 3431481
Conc: 41.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.973 min
Delta R.T.: -0.001 min
Response: 3476154
Conc: 42.06 ug/ml



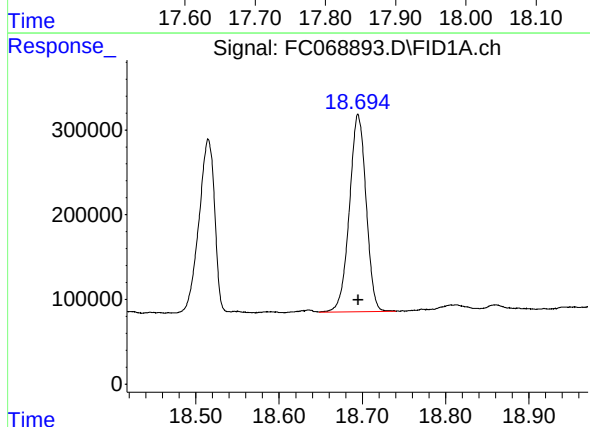
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 3522651
Conc: 41.63 ug/ml

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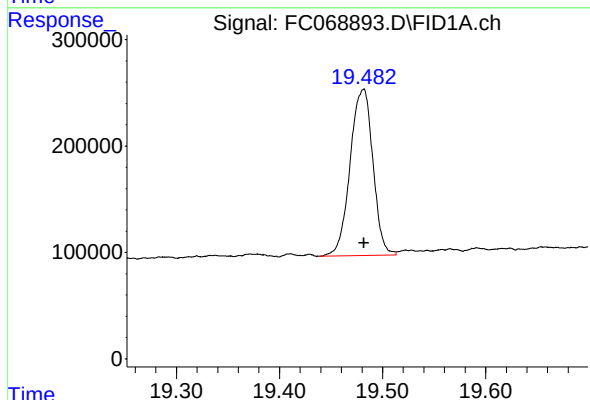
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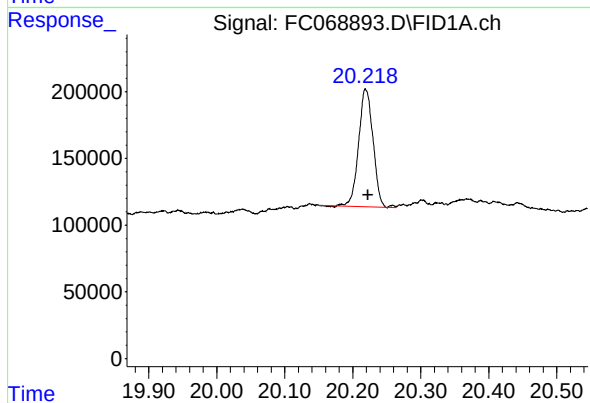
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 3246545
Conc: 37.69 ug/ml



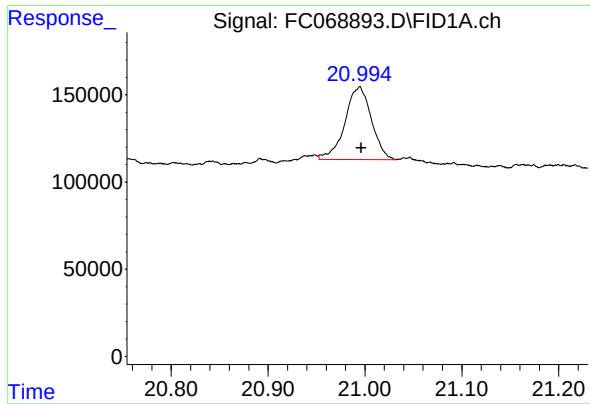
#19 n-Tetatriacontane (C34)

R.T.: 19.481 min
Delta R.T.: 0.000 min
Response: 2397540
Conc: 28.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 1301044
Conc: 15.14 ug/ml



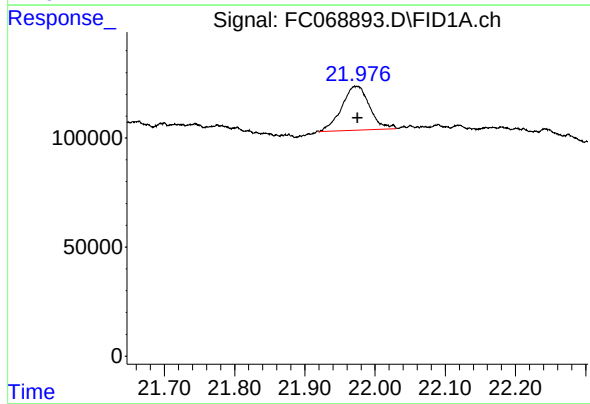
#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: -0.002 min
Response: 789675
Conc: 9.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.000 min
Response: 555202
Conc: 6.77 ug/ml m