

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101923AL\
 Data File : FC064875.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2023 17:46
 Operator : YP/AJ
 Sample : 04935-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OK-01-10172023MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
 Quant Time: Oct 20 01:06:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 2023
 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)	11.527	5628198	26.360 ug/ml
Spiked Amount 50.000		Recovery =	52.72%
12) S 1-chlorooctadecane (S...	12.960	4775842	31.851 ug/ml
Spiked Amount 50.000		Recovery =	63.70%
Target Compounds			
1) T n-Nonane (C9)	3.323	4327825	23.563 ug/ml
2) T n-Decane (C10)	4.384	5182786	28.333 ug/ml
3) T A~Naphthalene (C11.7)	5.963	5993634	31.601 ug/ml
4) T n-Dodecane (C12)	6.393	5973403	32.047 ug/ml
5) T A~2-methylnaphthalene...	7.017	6062319	34.617 ug/ml
6) T n-Tetradecane (C14)	8.184	6675349	37.168 ug/ml
7) T n-Hexadecane (C16)	9.776	7082465	39.816 ug/ml
8) T n-Octadecane (C18)	11.214	7376908	41.110 ug/ml
10) T n-Eicosane (C20)	12.519	7685843	44.635 ug/ml
11) T n-Heneicosane (C21)	13.128	7233299	42.711 ug/ml
13) T n-Docosane (C22)	13.711	7046598	42.766 ug/ml
14) T n-Tetracosane (C24)	14.805	14132948	88.796 ug/ml
15) T n-Hexacosane (C26)	15.830	6738558	43.990 ug/ml
16) T n-Octacosane (C28)	16.777	7774634	52.758 ug/ml
17) T n-Tricontane (C30)	17.667	7429109	50.776 ug/ml
18) T n-Dotriacontane (C32)	18.496	7070006	48.963 ug/ml
19) T n-Tetratriacontane (C34)	19.278	7185437	51.068 ug/mlm
20) T n-Hexatriacontane (C36)	20.018	6351686	45.910 ug/mlm
21) T n-Octatriacontane (C38)	20.745	6666181	50.324 ug/mlm
22) T n-Tetracontane (C40)	21.642	6334010	50.612 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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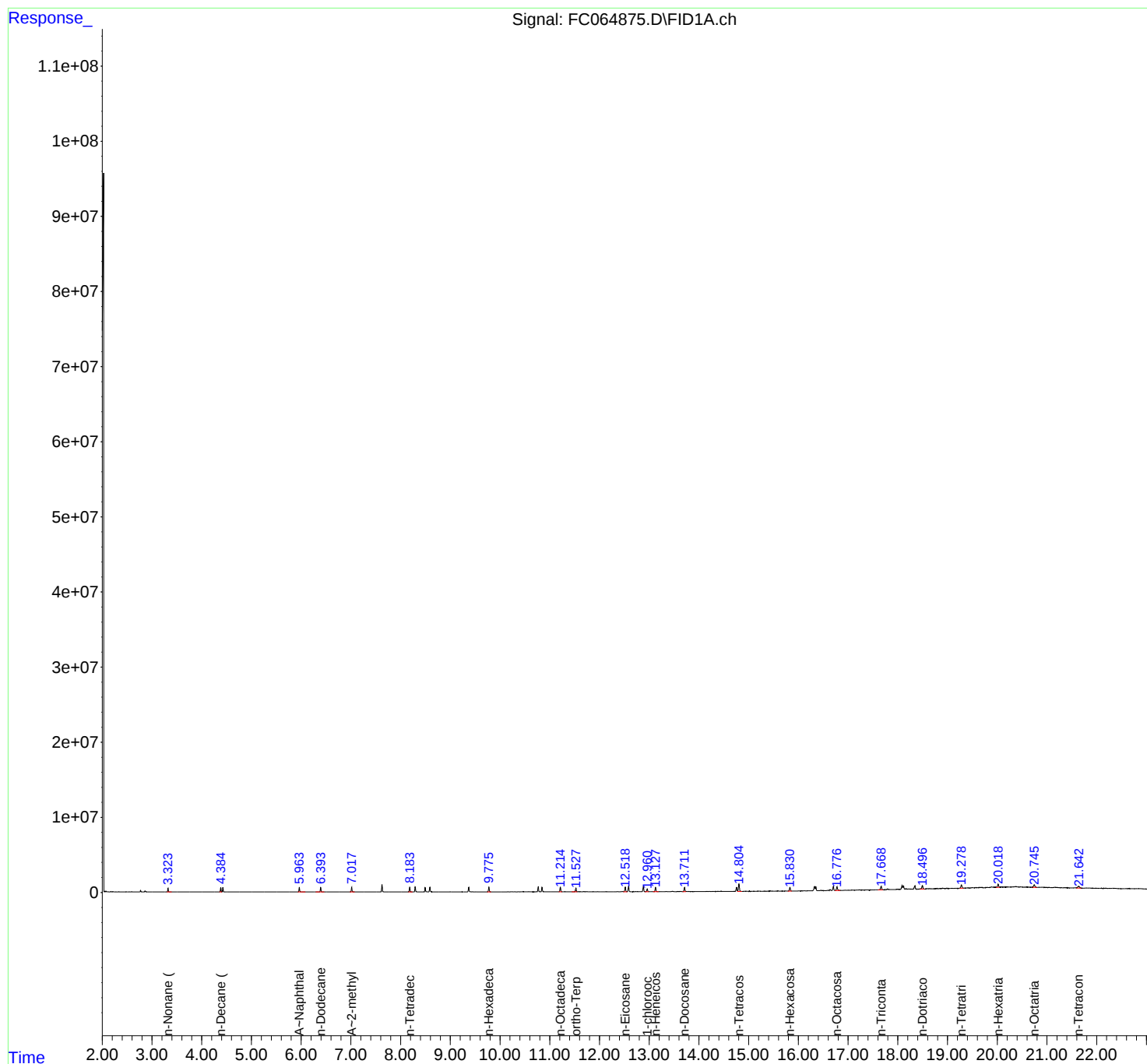
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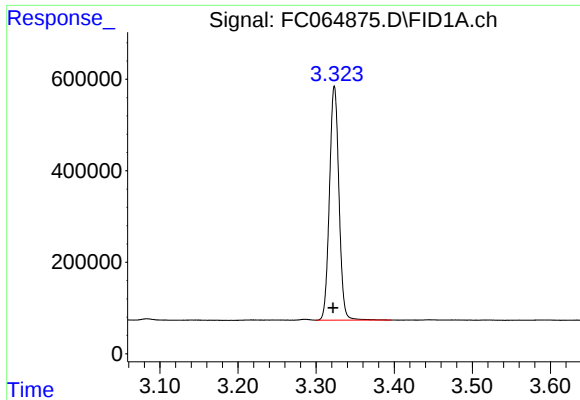
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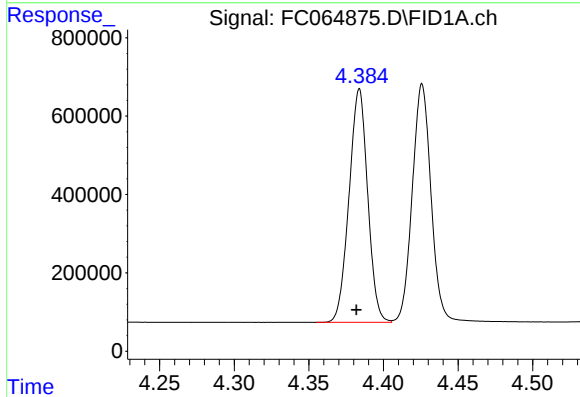
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: 0.001 min
Response: 4327825
Conc: 23.56 ug/ml

Instrument :
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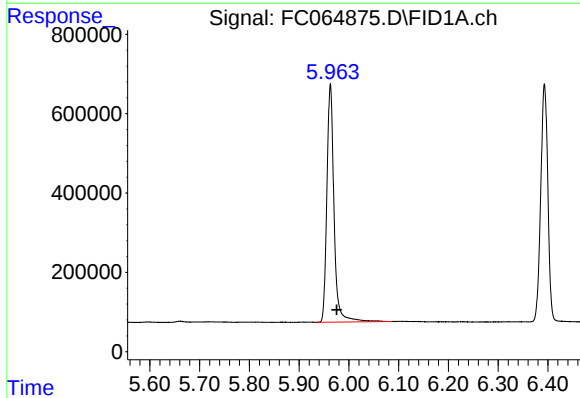
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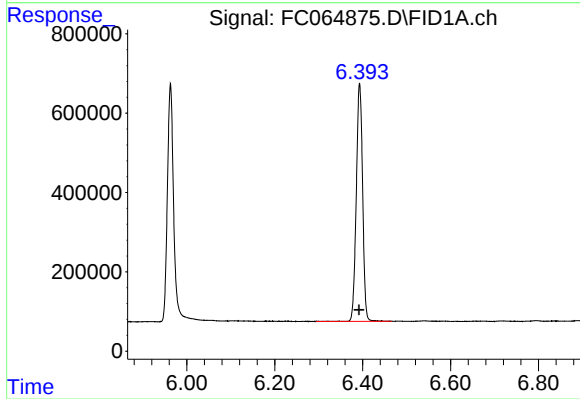
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.002 min
Response: 5182786
Conc: 28.33 ug/ml



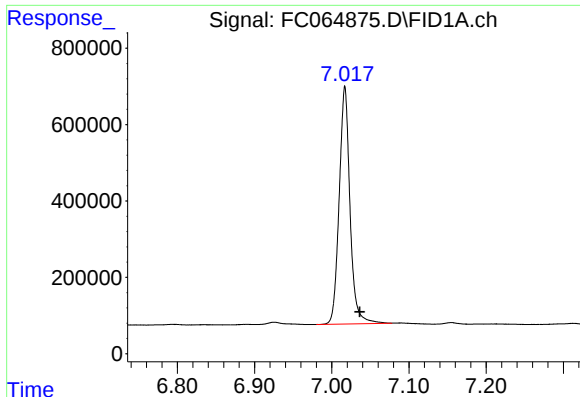
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 5993634
Conc: 31.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 5973403
Conc: 32.05 ug/ml



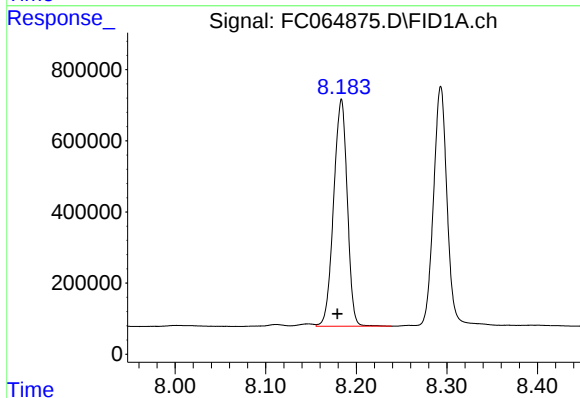
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.019 min
Response: 6062319
Conc: 34.62 ug/ml

Instrument :
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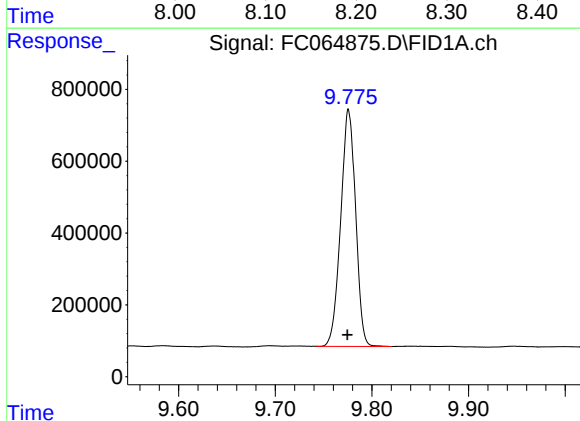
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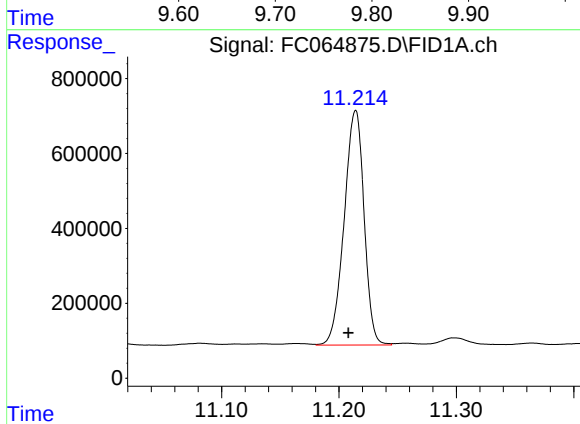
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.004 min
Response: 6675349
Conc: 37.17 ug/ml



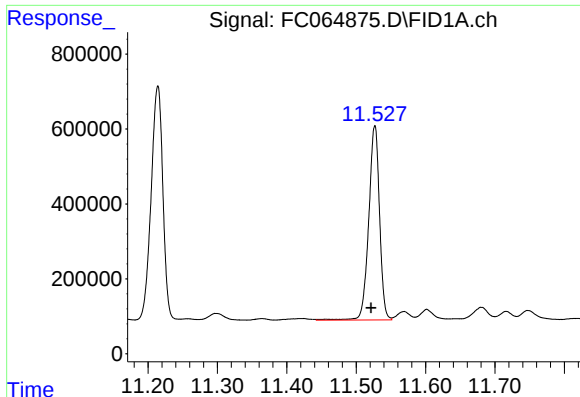
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.001 min
Response: 7082465
Conc: 39.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: 0.006 min
Response: 7376908
Conc: 41.11 ug/ml



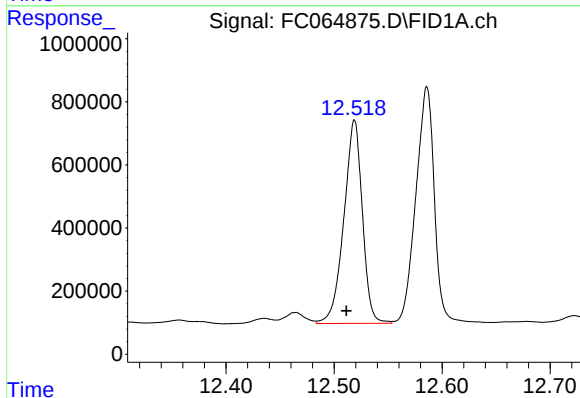
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: 0.006 min
Response: 5628198
Conc: 26.36 ug/ml

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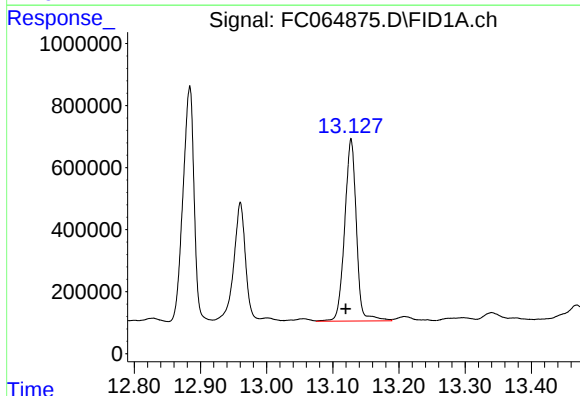
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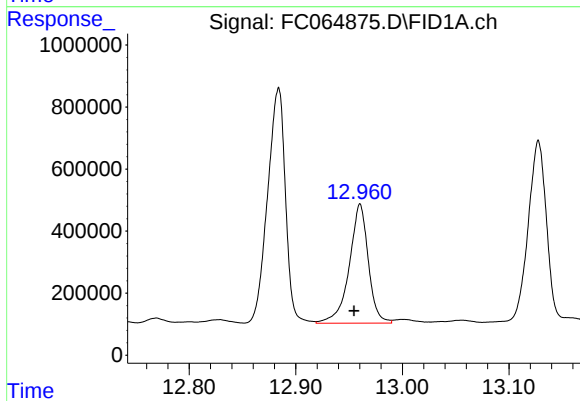
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.007 min
Response: 7685843
Conc: 44.64 ug/ml



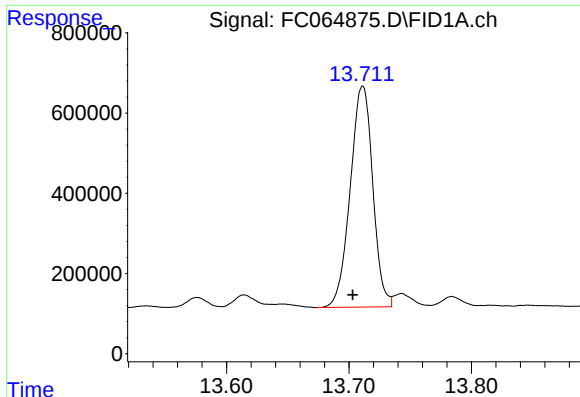
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.008 min
Response: 7233299
Conc: 42.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: 0.006 min
Response: 4775842
Conc: 31.85 ug/ml



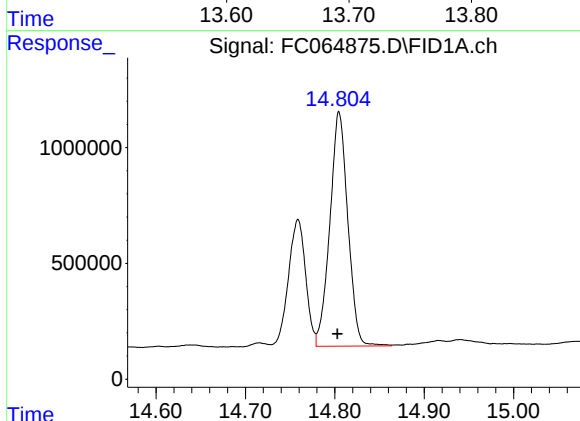
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: 0.008 min
Response: 7046598
Conc: 42.77 ug/ml

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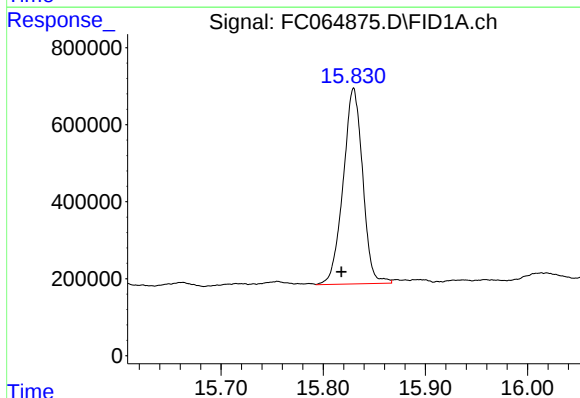
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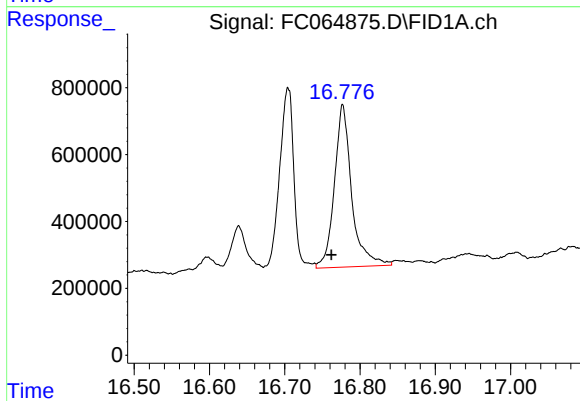
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.002 min
Response: 14132948
Conc: 88.80 ug/ml



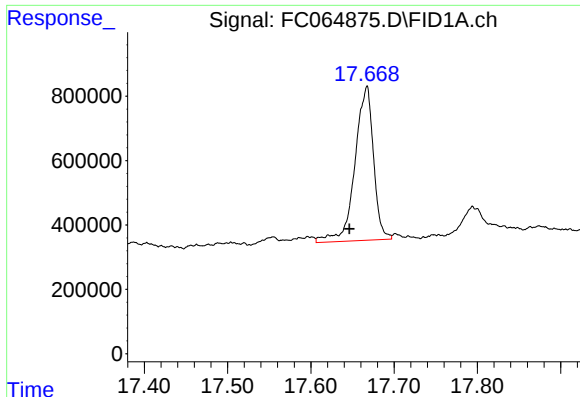
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: 0.012 min
Response: 6738558
Conc: 43.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.777 min
Delta R.T.: 0.015 min
Response: 7774634
Conc: 52.76 ug/ml



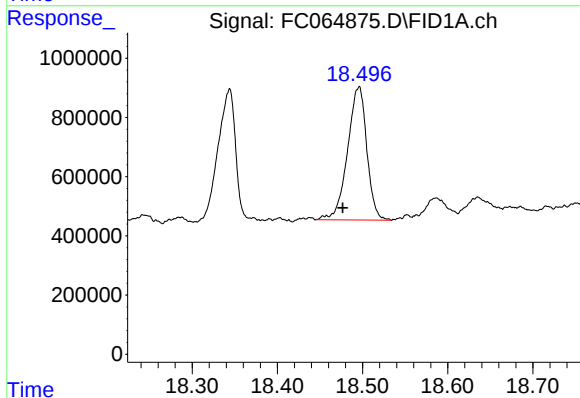
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: 0.021 min
Response: 7429109
Conc: 50.78 ug/ml

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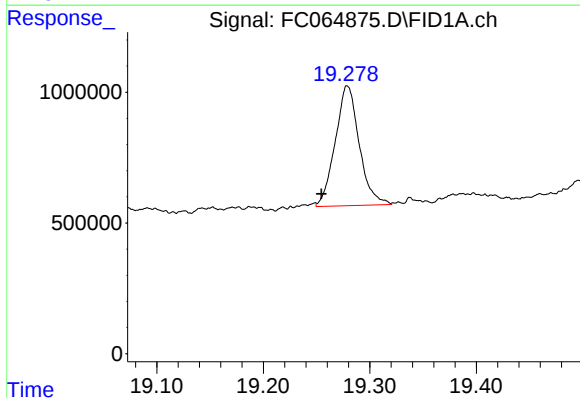
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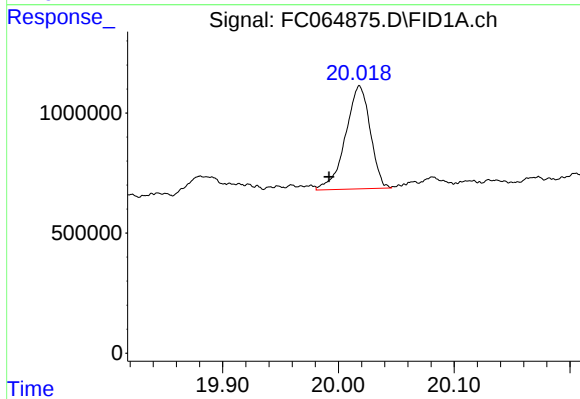
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.019 min
Response: 7070006
Conc: 48.96 ug/ml



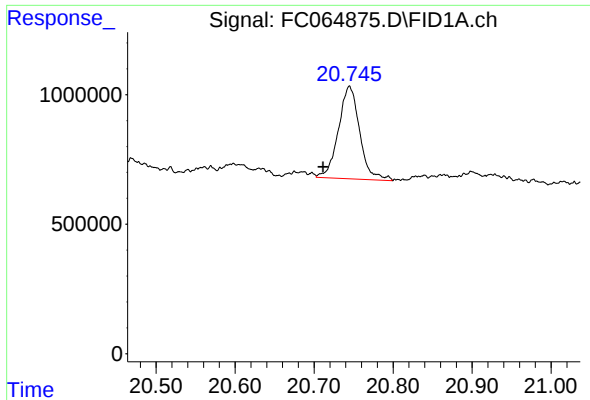
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.023 min
Response: 7185437
Conc: 51.07 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.018 min
Delta R.T.: 0.026 min
Response: 6351686
Conc: 45.91 ug/ml m



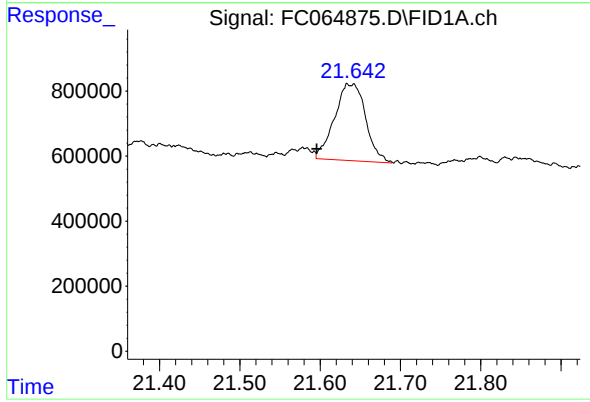
#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.033 min
Response: 6666181
Conc: 50.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: 0.046 min
Response: 6334010
Conc: 50.61 ug/ml m