

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112224AL\
 Data File : FC067858.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2024 16:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: sample.E
 Quant Time: Nov 22 22:24:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 2024
 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)	11.502	3533591	18.226 ug/ml
Spiked Amount 50.000		Recovery =	36.45%
12) S 1-chlorooctadecane (S...	12.940	2632448	18.135 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.287	3049441	18.695 ug/ml
2) T n-Decane (C10)	4.349	3156009	19.031 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3464972	18.918 ug/ml
4) T n-Dodecane (C12)	6.362	3208299	19.049 ug/ml
5) T A~2-methylnaphthalene...	6.980	3360369	18.947 ug/ml
6) T n-Tetradecane (C14)	8.154	3192198	19.061 ug/ml
7) T n-Hexadecane (C16)	9.752	3298674	19.035 ug/ml
8) T n-Octadecane (C18)	11.191	3306990	18.796 ug/mlm
10) T n-Eicosane (C20)	12.498	3104156	18.435 ug/ml
11) T n-Heneicosane (C21)	13.109	3011752	18.304 ug/ml
13) T n-Docosane (C22)	13.694	2962357	18.190 ug/ml
14) T n-Tetracosane (C24)	14.795	2901804	18.093 ug/ml
15) T n-Hexacosane (C26)	15.814	2806749	18.124 ug/ml
16) T n-Octacosane (C28)	16.762	2839014	18.799 ug/mlm
17) T n-Tricontane (C30)	17.649	3056177	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.480	3038765	20.575 ug/ml
19) T n-Tetratriacontane (C34)	19.262	2593871	20.565 ug/ml
20) T n-Hexatriacontane (C36)	20.000	2146608	20.525 ug/ml
21) T n-Octatriacontane (C38)	20.724	1926790	19.725 ug/ml
22) T n-Tetracontane (C40)	21.612	1933778	19.840 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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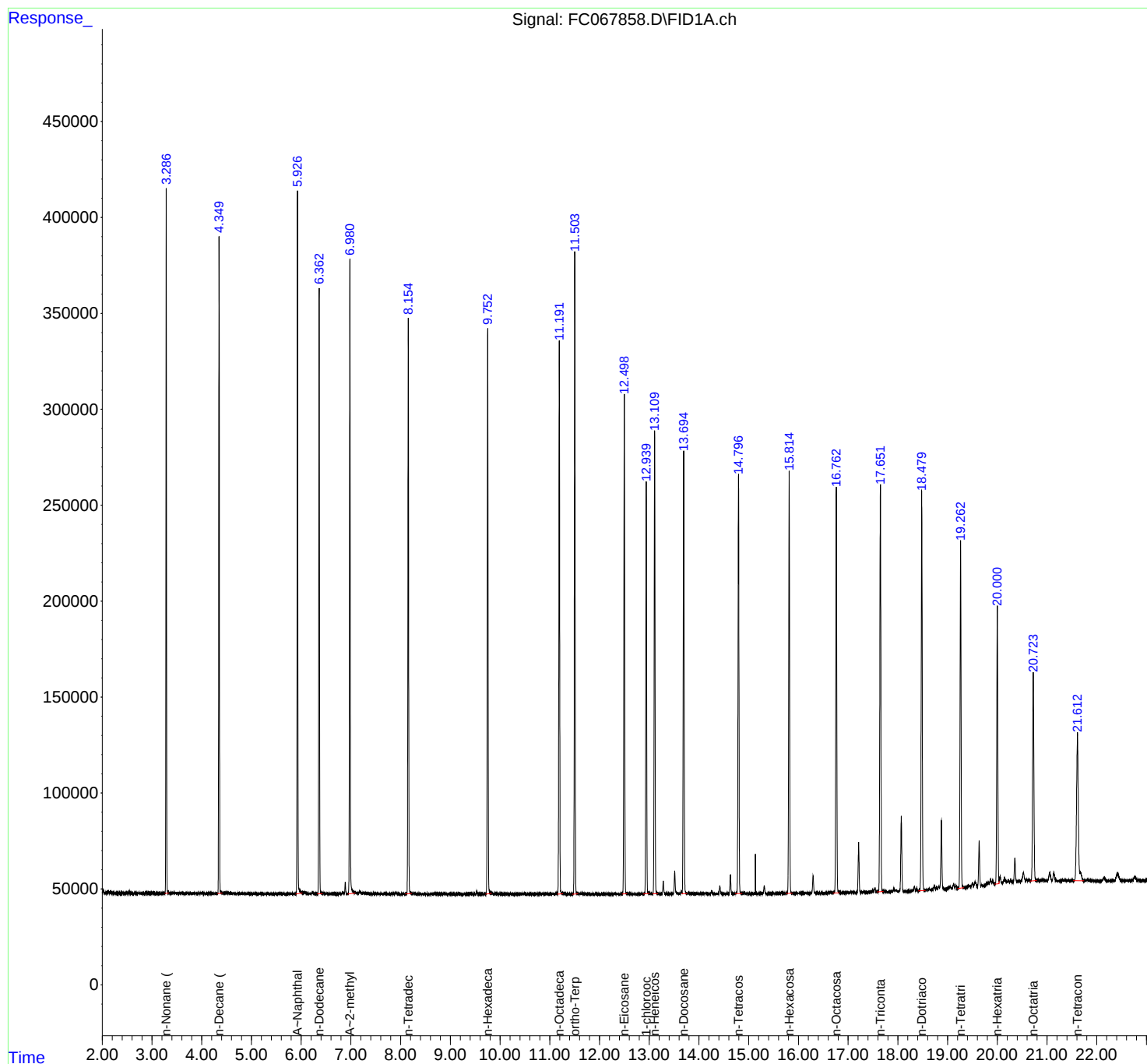
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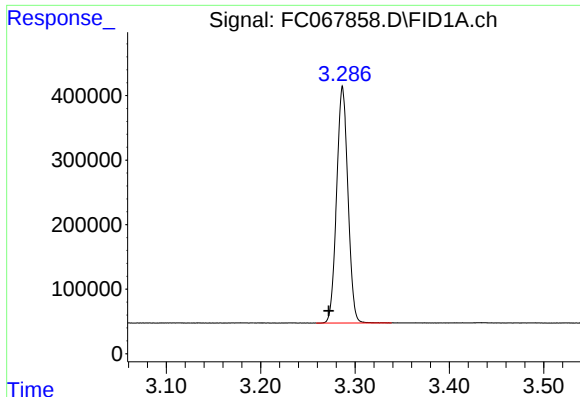
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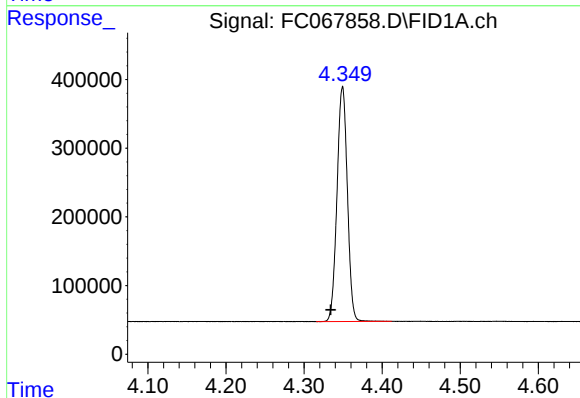
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.015 min
Response: 3049441
Conc: 18.70 ug/ml

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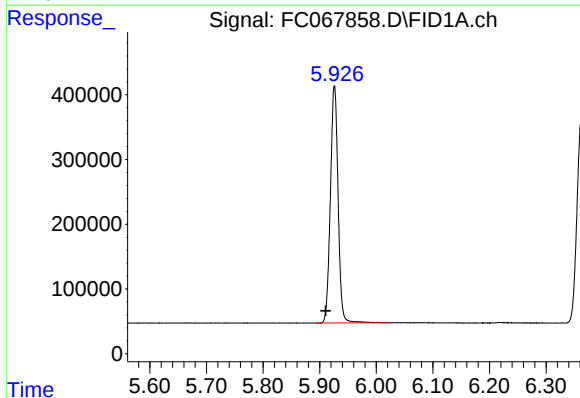
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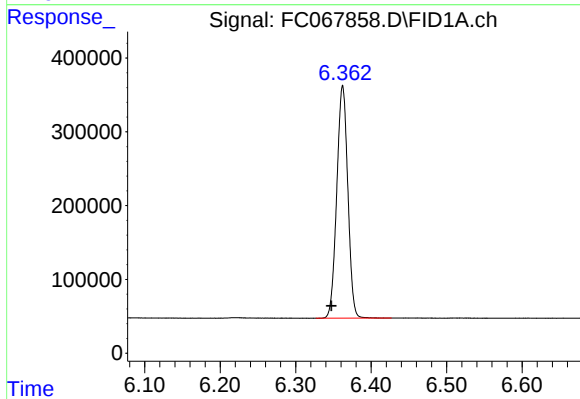
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.015 min
Response: 3156009
Conc: 19.03 ug/ml



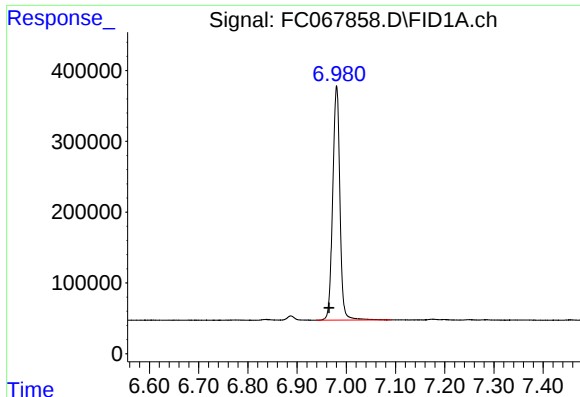
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: 0.015 min
Response: 3464972
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.015 min
Response: 3208299
Conc: 19.05 ug/ml



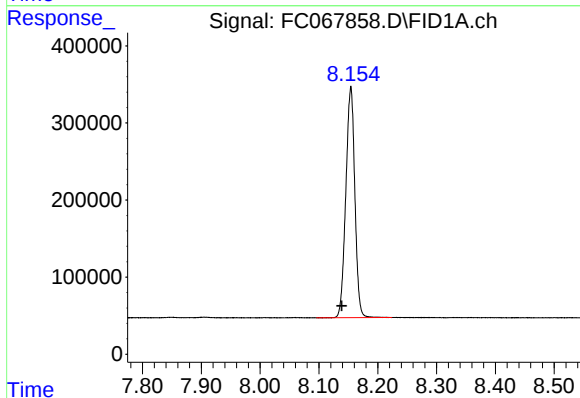
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.015 min
Response: 3360369
Conc: 18.95 ug/ml

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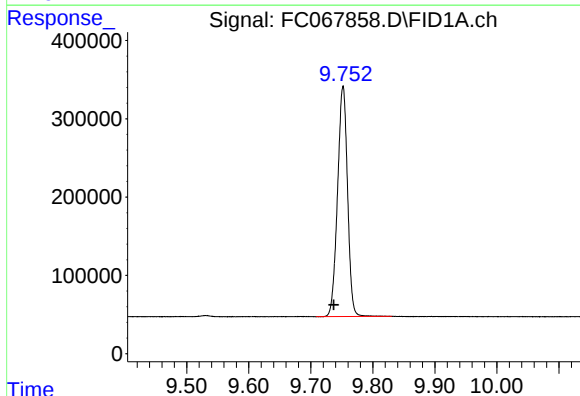
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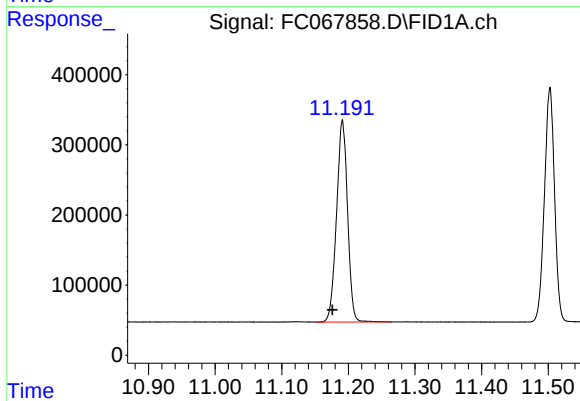
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.015 min
Response: 3192198
Conc: 19.06 ug/ml



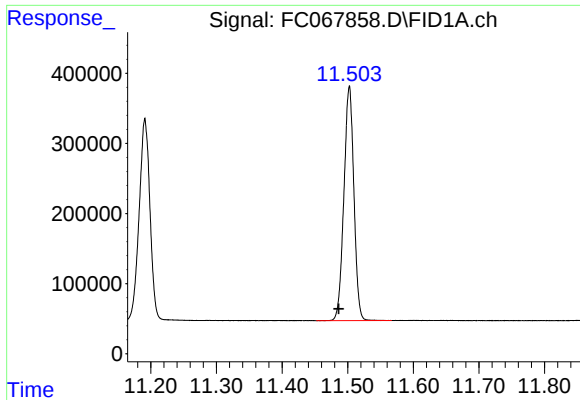
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.015 min
Response: 3298674
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: 0.015 min
Response: 3306990
Conc: 18.80 ug/ml m



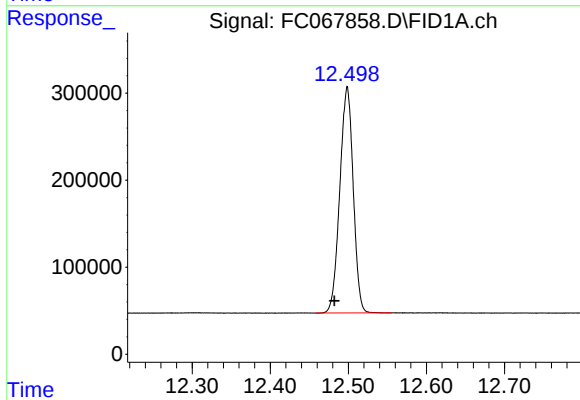
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.016 min
Response: 3533591
Conc: 18.23 ug/ml

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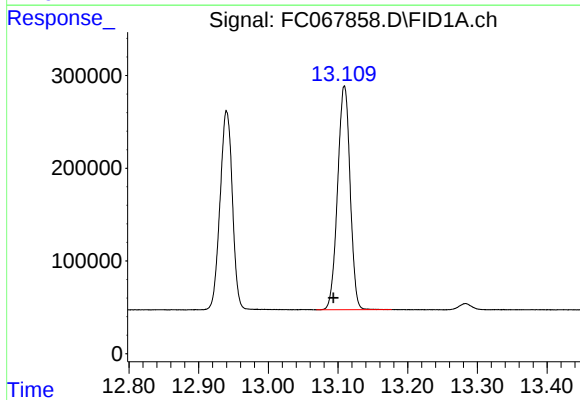
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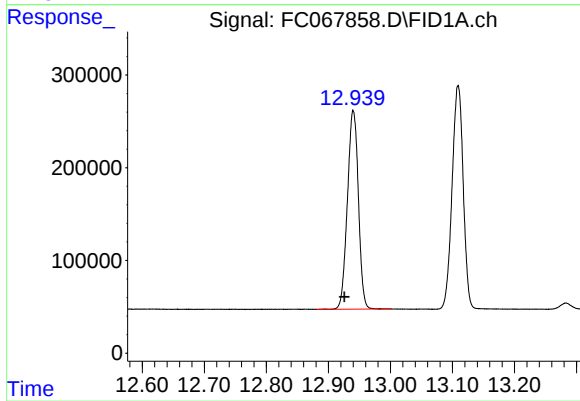
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.016 min
Response: 3104156
Conc: 18.43 ug/ml



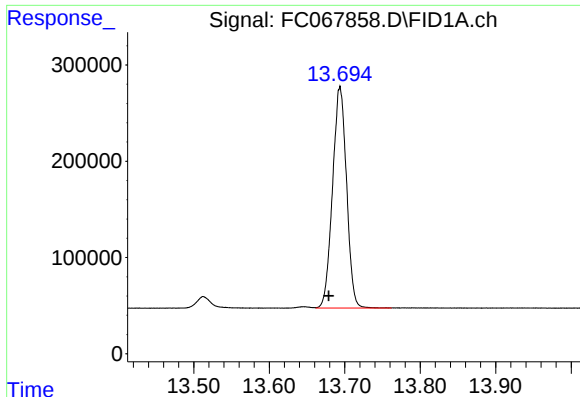
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.016 min
Response: 3011752
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.014 min
Response: 2632448
Conc: 18.13 ug/ml



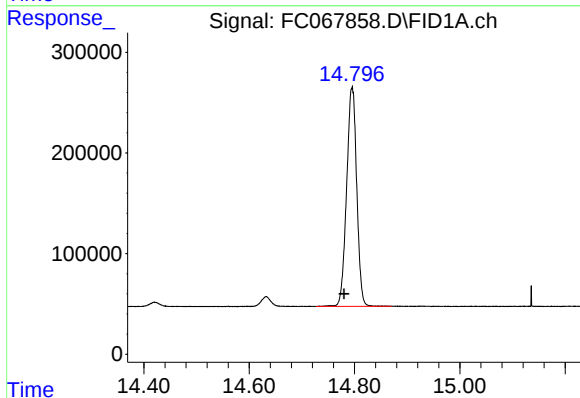
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.015 min
Response: 2962357
Conc: 18.19 ug/ml

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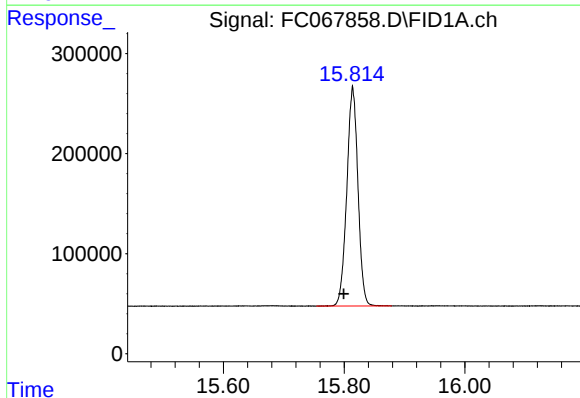
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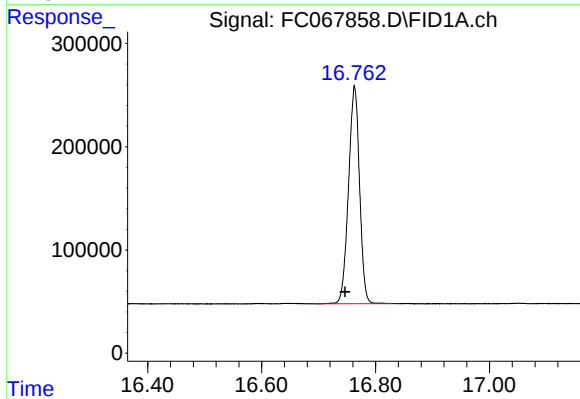
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: 0.015 min
Response: 2901804
Conc: 18.09 ug/ml



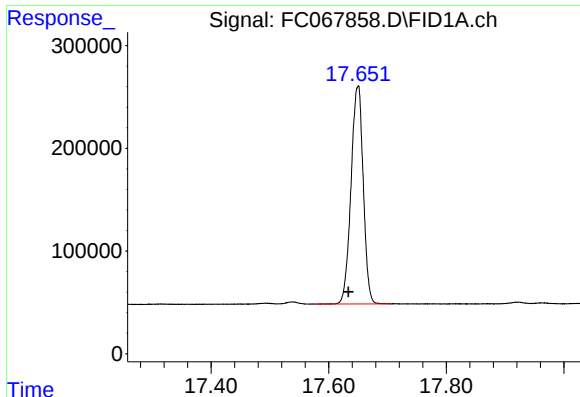
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.015 min
Response: 2806749
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.016 min
Response: 2839014
Conc: 18.80 ug/ml m



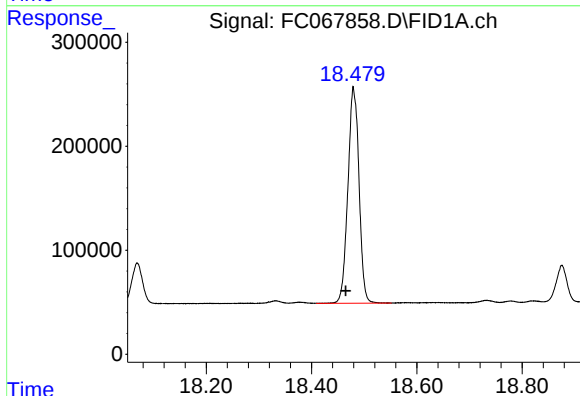
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.016 min
Response: 3056177
Conc: 19.96 ug/ml

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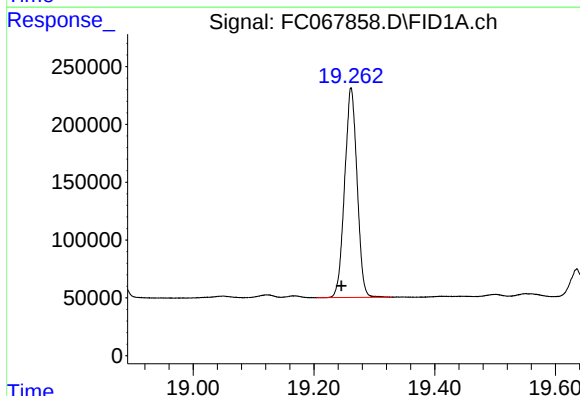
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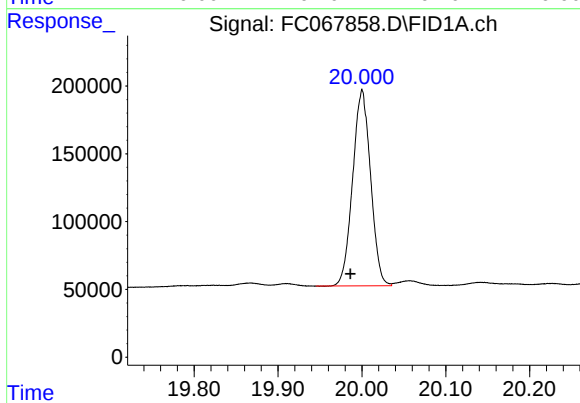
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.015 min
Response: 3038765
Conc: 20.58 ug/ml



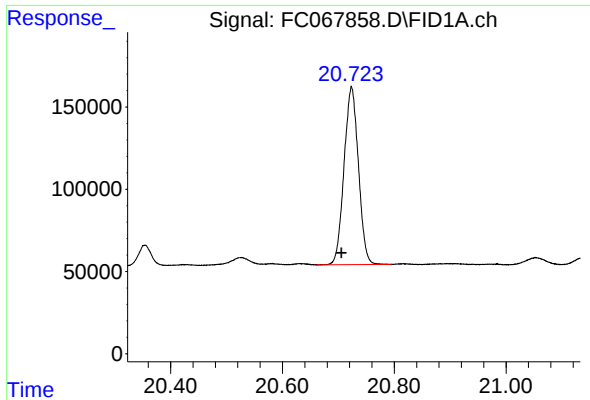
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.016 min
Response: 2593871
Conc: 20.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.014 min
Response: 2146608
Conc: 20.52 ug/ml



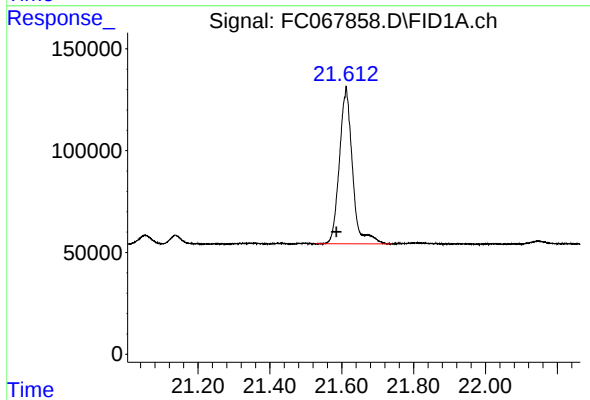
#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.018 min
Response: 1926790
Conc: 19.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.027 min
Response: 1933778
Conc: 19.84 ug/ml