

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061923AL\
 Data File : FC063876.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 09:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 19 12:27:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.525	3371641	18.476 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
12) S 1-chlorooctadecane (S...	12.959	2403213	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.304	3132640	19.655 ug/ml
2) T n-Decane (C10)	4.368	3177513	19.657 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3288501	18.929 ug/ml
4) T n-Dodecane (C12)	6.383	3151938	19.276 ug/ml
5) T A~2-methylnaphthalene...	7.005	3095346	18.895 ug/ml
6) T n-Tetradecane (C14)	8.176	3013064	19.158 ug/ml
7) T n-Hexadecane (C16)	9.773	3012126	18.927 ug/ml
8) T n-Octadecane (C18)	11.212	2977744	18.819 ug/ml
10) T n-Eicosane (C20)	12.518	2806664	18.978 ug/ml
11) T n-Heneicosane (C21)	13.128	2728533	18.955 ug/ml
13) T n-Docosane (C22)	13.713	2690793	19.101 ug/ml
14) T n-Tetracosane (C24)	14.812	2659704	19.383 ug/ml
15) T n-Hexacosane (C26)	15.830	2606795	19.660 ug/ml
16) T n-Octacosane (C28)	16.777	2565301	20.203 ug/ml
17) T n-Tricontane (C30)	17.661	2650689	20.747 ug/ml
18) T n-Dotriacontane (C32)	18.491	2652754	21.319 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2618504	21.237 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2546407	21.216 ug/ml
21) T n-Octatriacontane (C38)	20.732	2545284	21.082 ug/ml
22) T n-Tetracontane (C40)	21.620	2503880	20.664 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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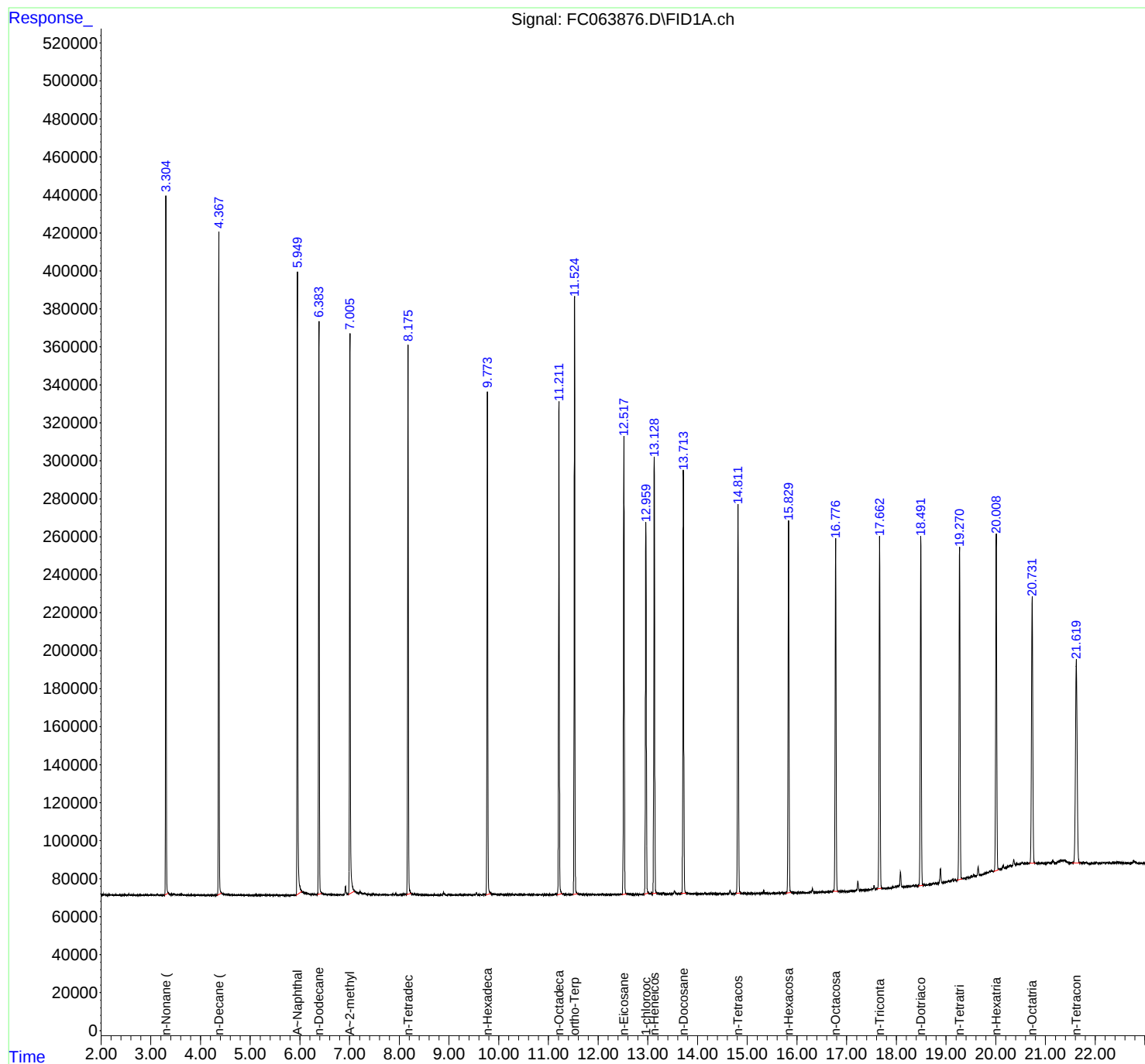
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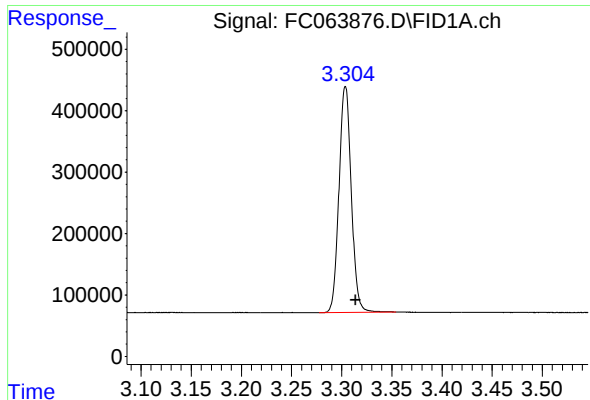
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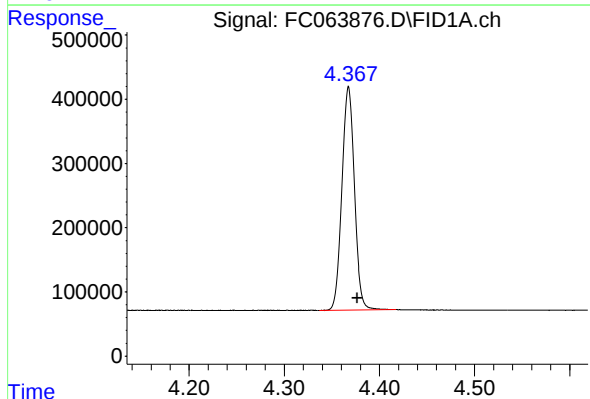
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3132640
Conc: 19.65 ug/ml

Instrument :
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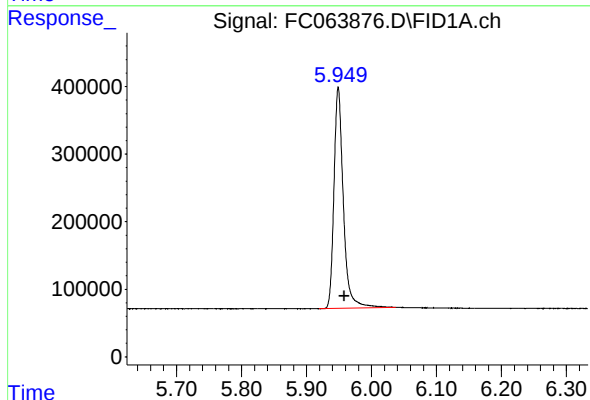
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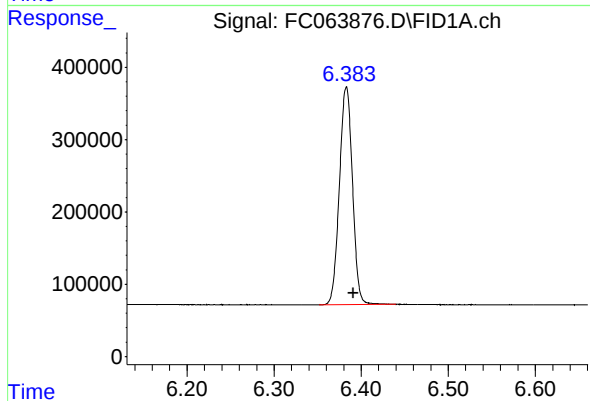
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.009 min
Response: 3177513
Conc: 19.66 ug/ml



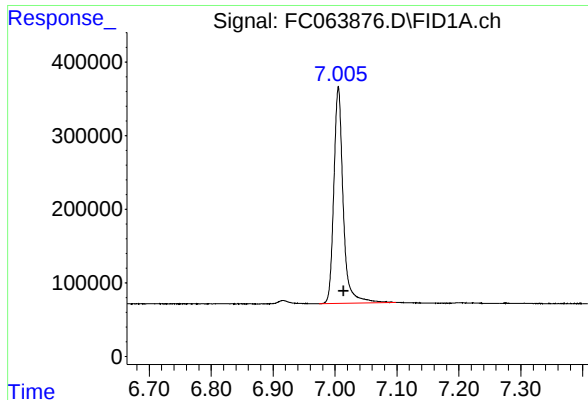
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 3288501
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.008 min
Response: 3151938
Conc: 19.28 ug/ml



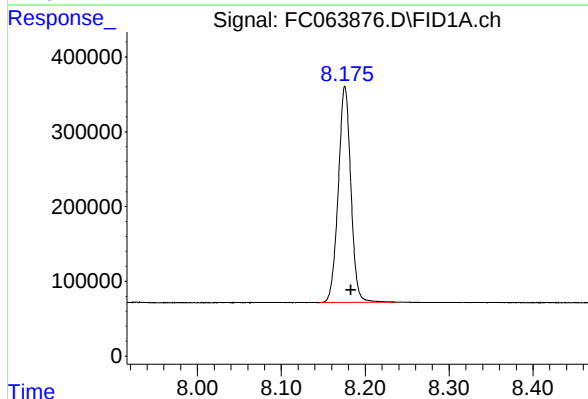
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.009 min
Response: 3095346
Conc: 18.89 ug/ml

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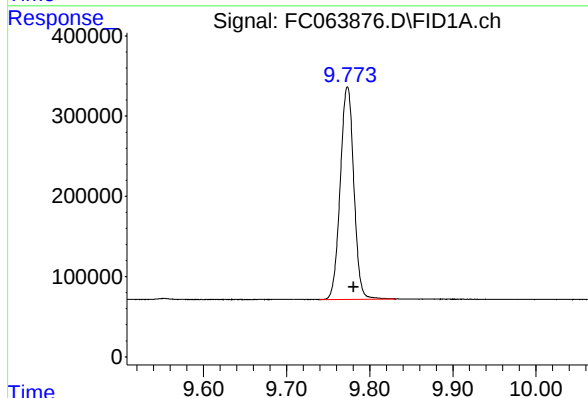
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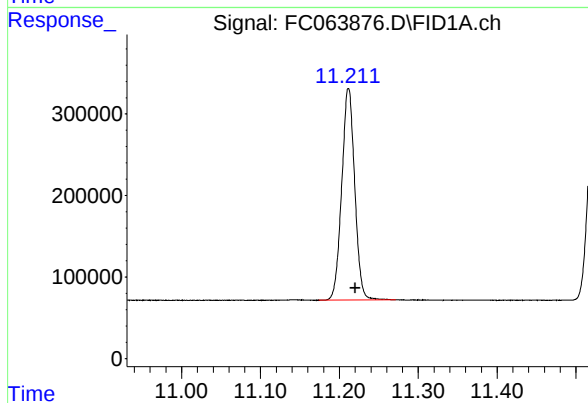
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.007 min
Response: 3013064
Conc: 19.16 ug/ml



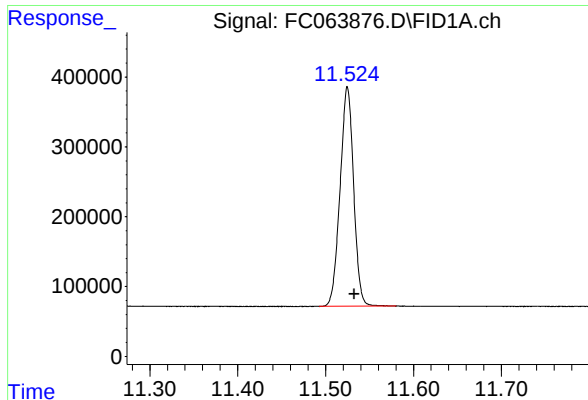
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.007 min
Response: 3012126
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: -0.008 min
Response: 2977744
Conc: 18.82 ug/ml



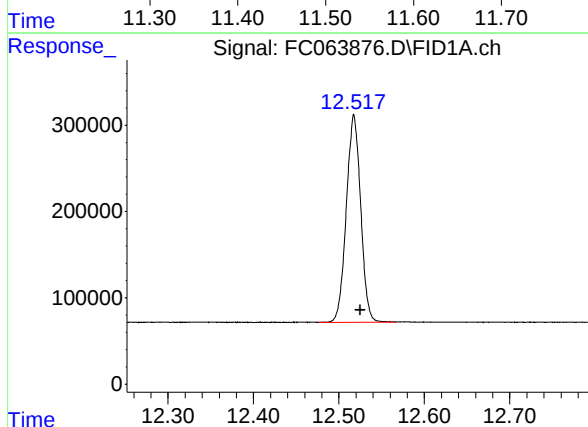
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 3371641
Conc: 18.48 ug/ml

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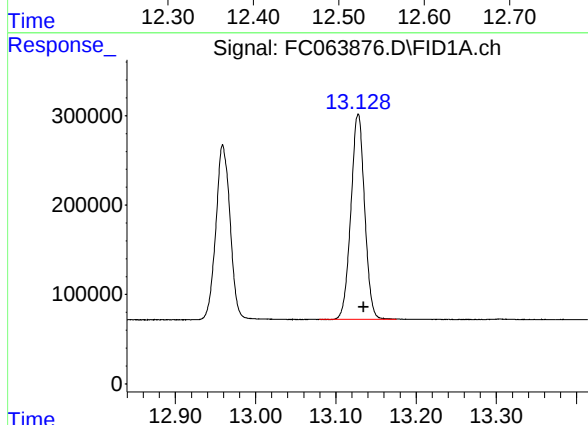
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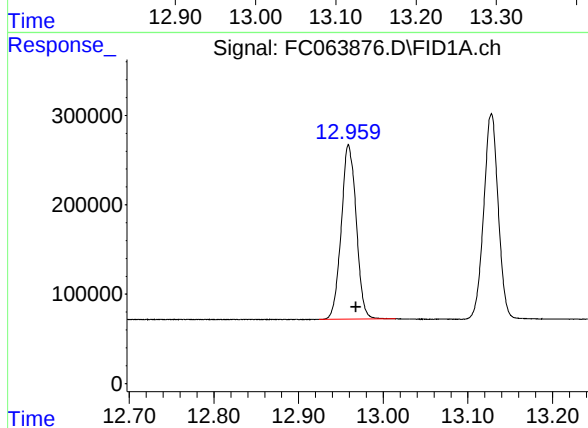
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.008 min
Response: 2806664
Conc: 18.98 ug/ml



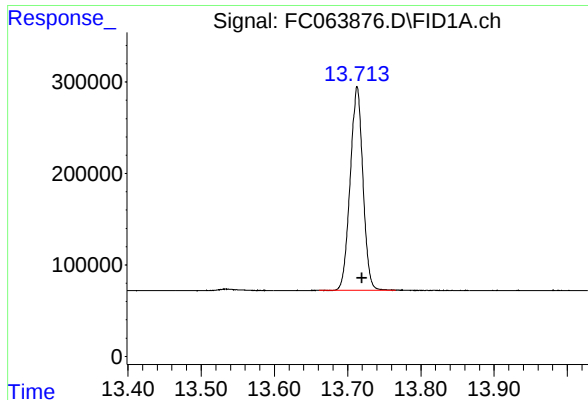
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: -0.007 min
Response: 2728533
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.009 min
Response: 2403213
Conc: 18.81 ug/ml



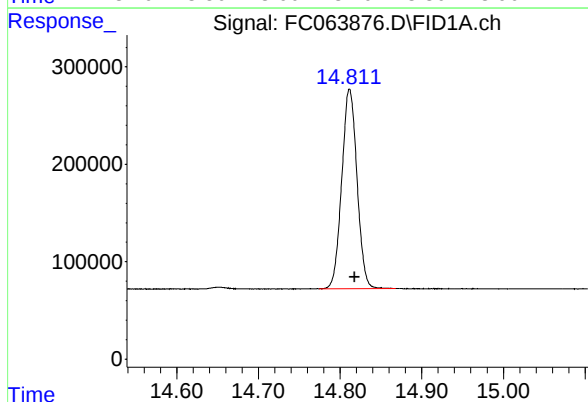
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: -0.006 min
Response: 2690793
Conc: 19.10 ug/ml

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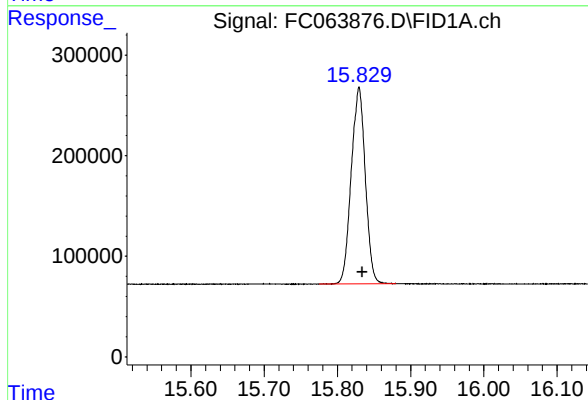
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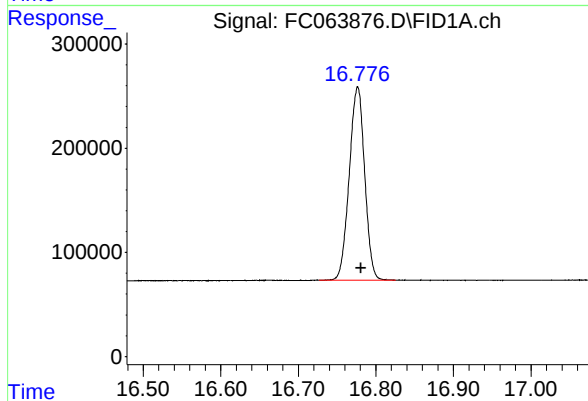
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 2659704
Conc: 19.38 ug/ml



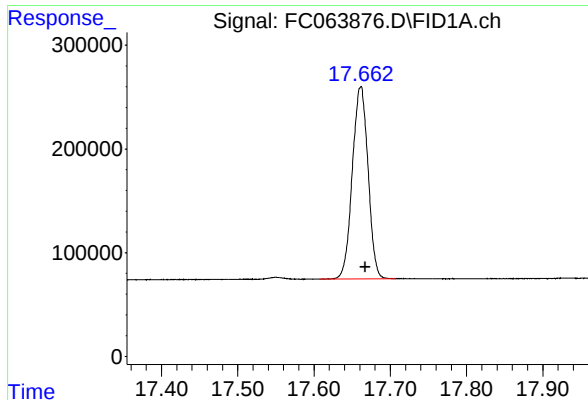
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.004 min
Response: 2606795
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.777 min
Delta R.T.: -0.004 min
Response: 2565301
Conc: 20.20 ug/ml



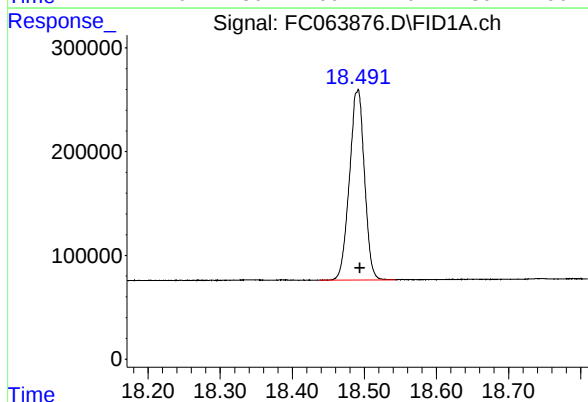
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.006 min
Response: 2650689
Conc: 20.75 ug/ml

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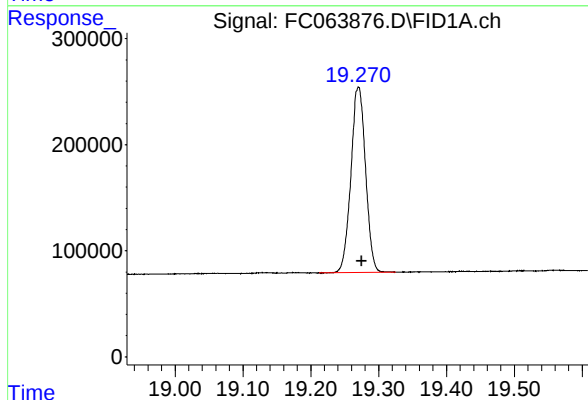
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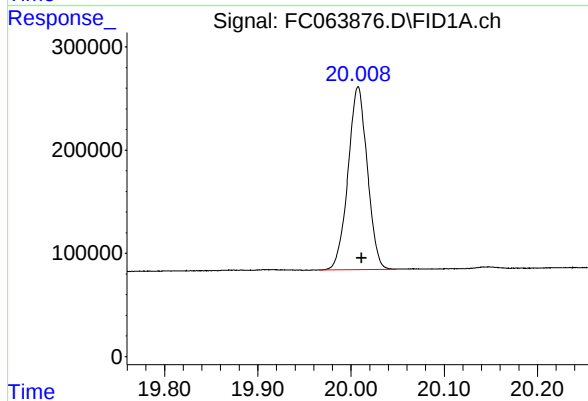
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.003 min
Response: 2652754
Conc: 21.32 ug/ml



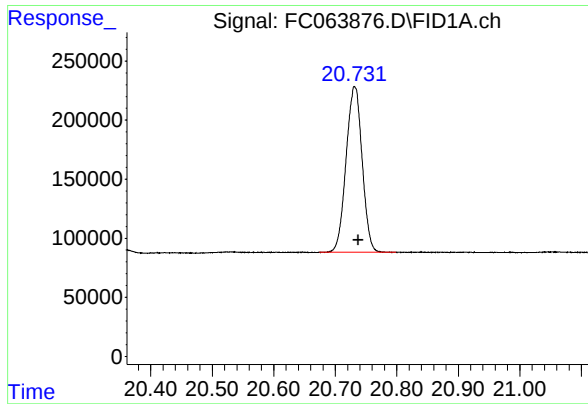
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.005 min
Response: 2618504
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.004 min
Response: 2546407
Conc: 21.22 ug/ml m



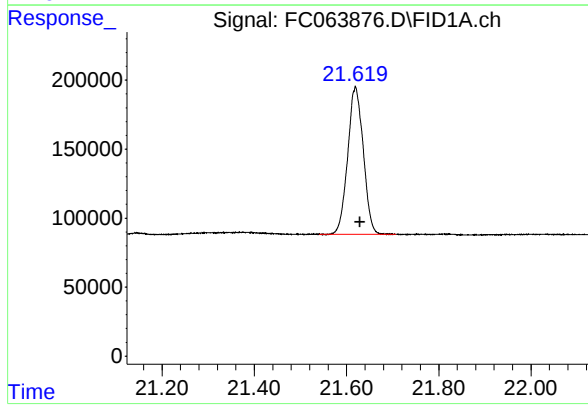
#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.006 min
Response: 2545284
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.010 min
Response: 2503880
Conc: 20.66 ug/ml