

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032123AL\
 Data File : FC063193.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2023 10:21
 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 03/22/2023
 Supervised By :Ankita Jodhani 03/22/2023

Integration File: autoint1.e
 Quant Time: Mar 22 01:30:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.528	2665938	20.363 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	12.966	1958314	20.296 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T n-Nonane (C9)	3.292	2399703	19.839 ug/ml
2) T n-Decane (C10)	4.360	2378454	20.214 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2604826	20.229 ug/ml
4) T n-Dodecane (C12)	6.381	2369765	20.167 ug/ml
5) T A~2-methylnaphthalene...	7.001	2403898	20.438 ug/ml
6) T n-Tetradecane (C14)	8.175	2342058	20.343 ug/ml
7) T n-Hexadecane (C16)	9.775	2395999	20.566 ug/ml
8) T n-Octadecane (C18)	11.216	2447388	20.701 ug/ml
10) T n-Eicosane (C20)	12.523	2383604	20.692 ug/ml
11) T n-Heneicosane (C21)	13.135	2377556	20.628 ug/ml
13) T n-Docosane (C22)	13.719	2349459	20.632 ug/ml
14) T n-Tetracosane (C24)	14.820	2396331	21.077 ug/ml
15) T n-Hexacosane (C26)	15.840	2419930	21.503 ug/ml
16) T n-Octacosane (C28)	16.789	2487947	22.107 ug/ml
17) T n-Tricontane (C30)	17.673	2641584	23.225 ug/ml
18) T n-Dotriacontane (C32)	18.503	2747181	23.744 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2622434	22.815 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2428028	22.220 ug/mlm
21) T n-Octatriacontane (C38)	20.749	2313338	21.410 ug/ml
22) T n-Tetracontane (C40)	21.643	2166753	20.461 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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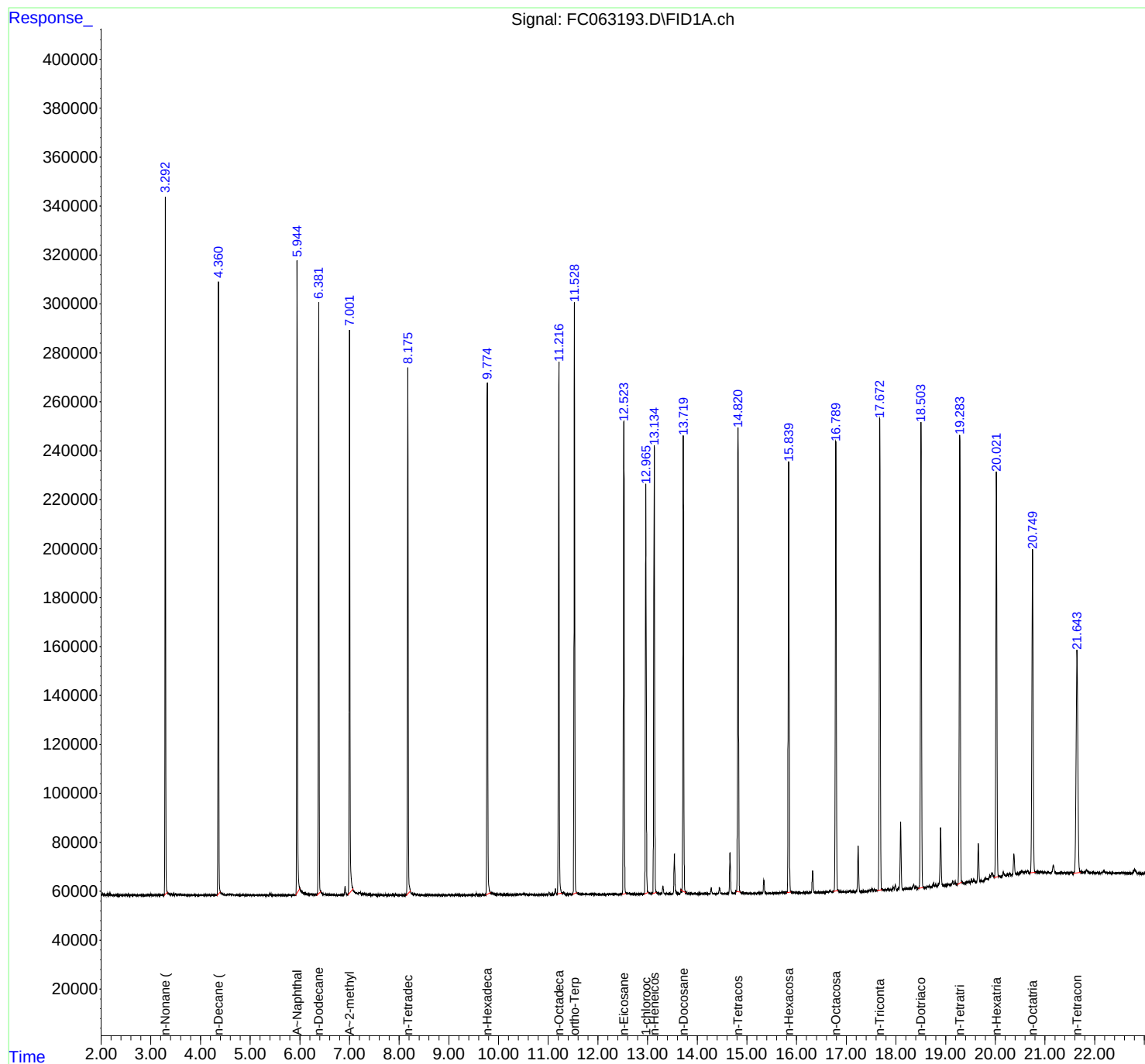
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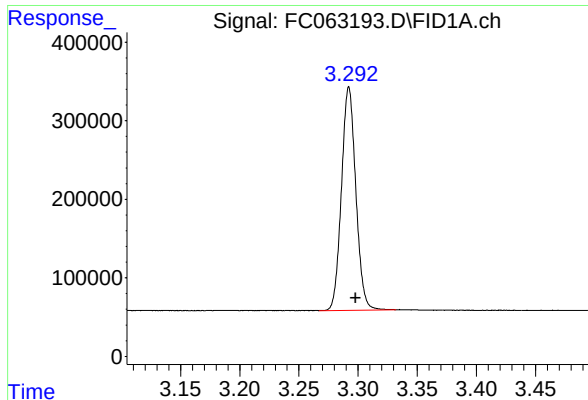
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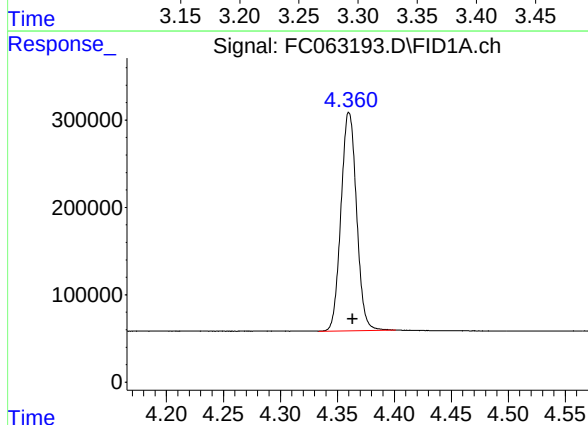
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.006 min
Response: 2399703
Conc: 19.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

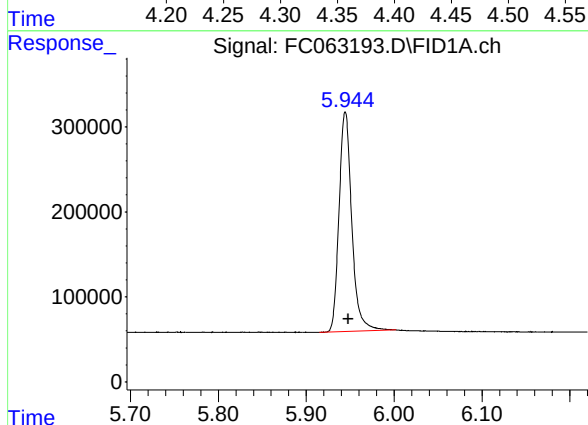
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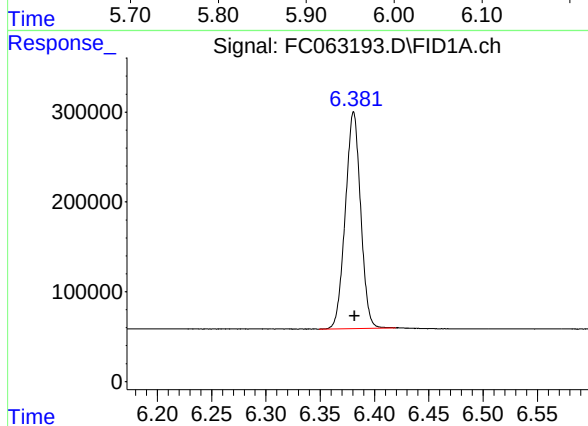
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 2378454
Conc: 20.21 ug/ml



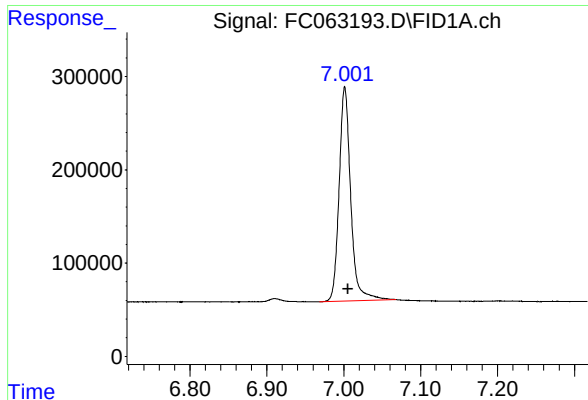
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 2604826
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 2369765
Conc: 20.17 ug/ml



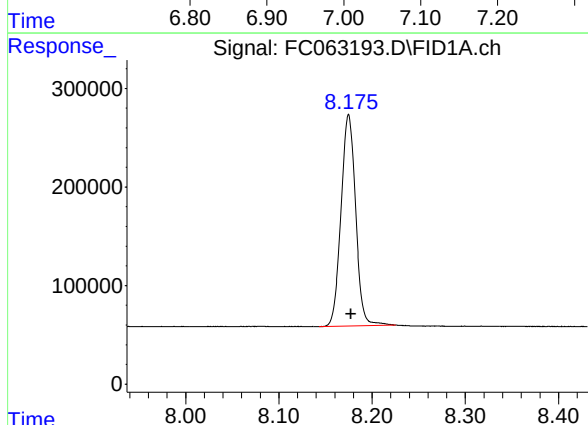
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 2403898
Conc: 20.44 ug/ml

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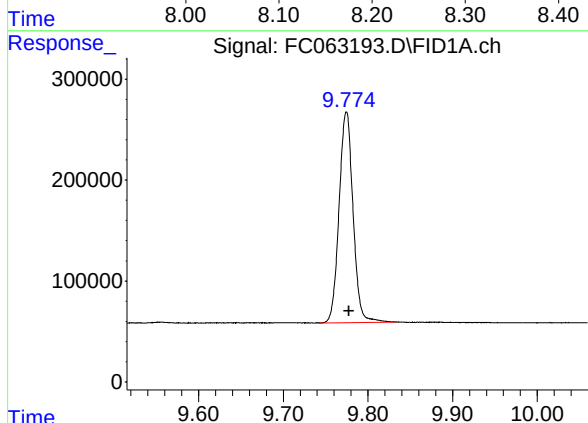
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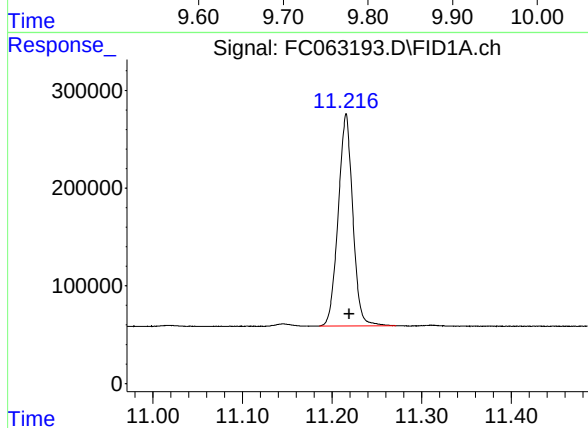
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 2342058
Conc: 20.34 ug/ml



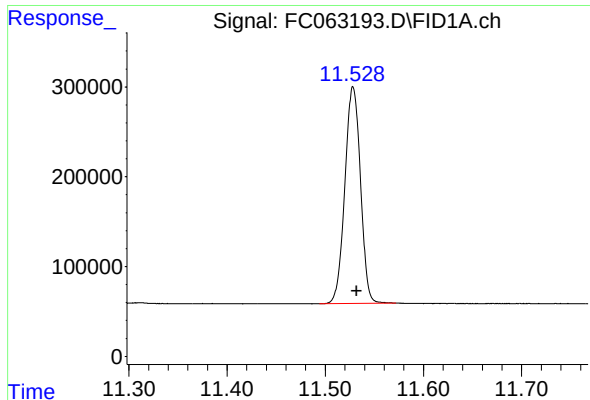
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.003 min
Response: 2395999
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.004 min
Response: 2447388
Conc: 20.70 ug/ml



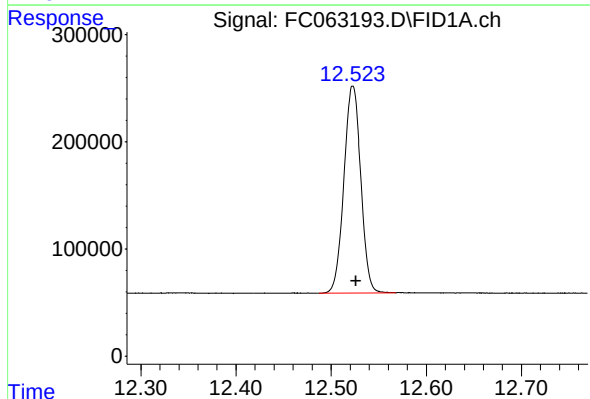
#9 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: -0.003 min
Response: 2665938
Conc: 20.36 ug/ml

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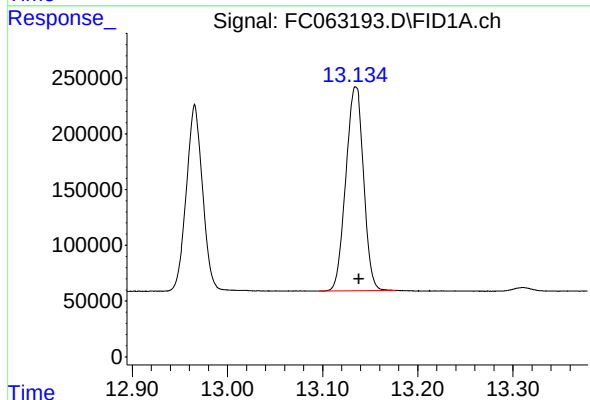
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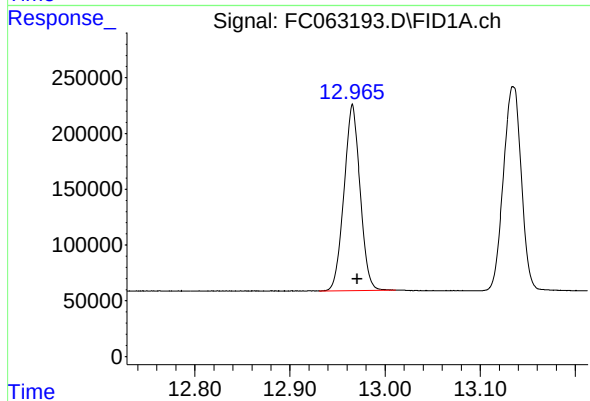
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.003 min
Response: 2383604
Conc: 20.69 ug/ml



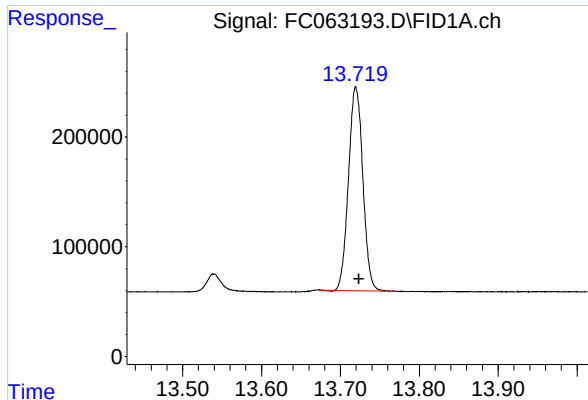
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.003 min
Response: 2377556
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.005 min
Response: 1958314
Conc: 20.30 ug/ml



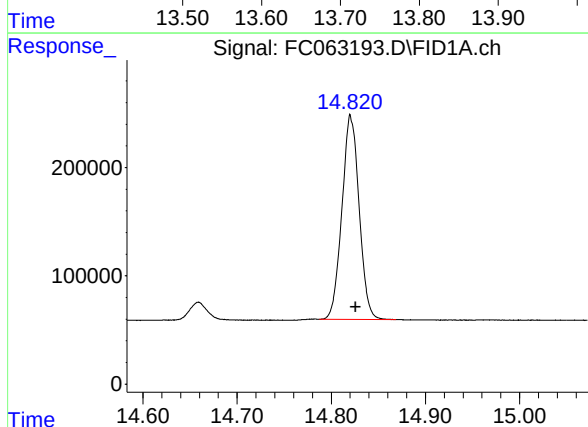
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.004 min
Response: 2349459
Conc: 20.63 ug/ml

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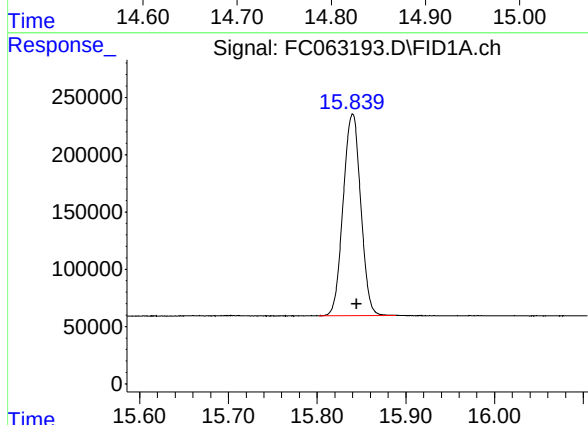
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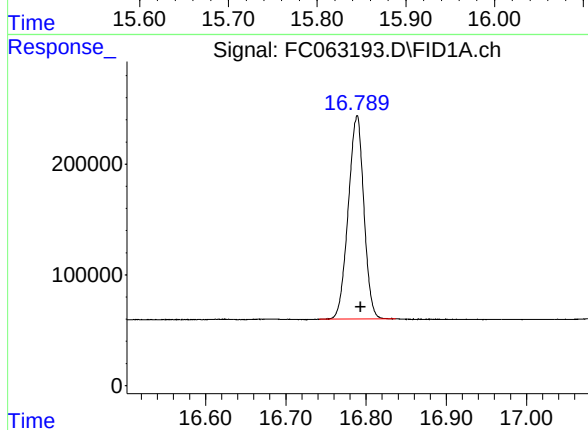
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.005 min
Response: 2396331
Conc: 21.08 ug/ml



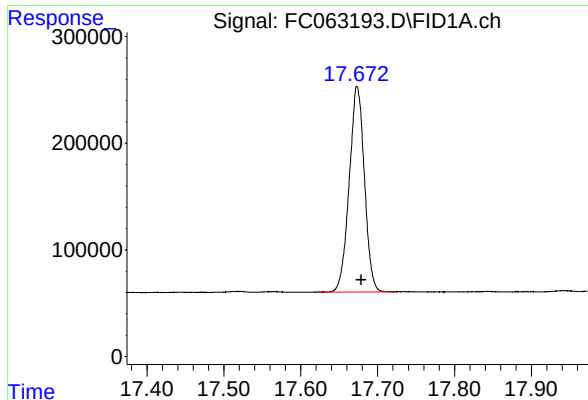
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.004 min
Response: 2419930
Conc: 21.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.789 min
Delta R.T.: -0.005 min
Response: 2487947
Conc: 22.11 ug/ml



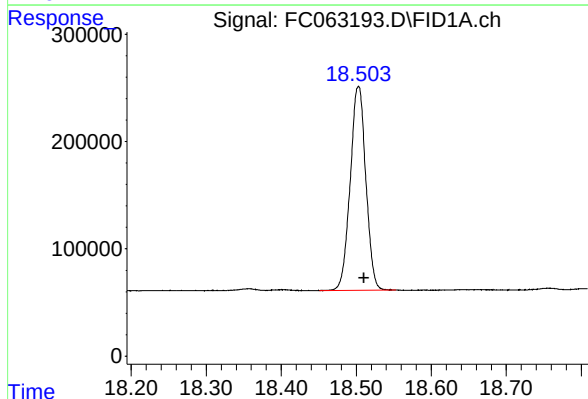
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: -0.005 min
Response: 2641584
Conc: 23.22 ug/ml

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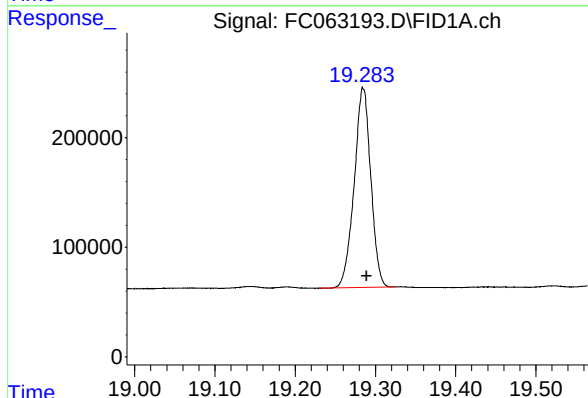
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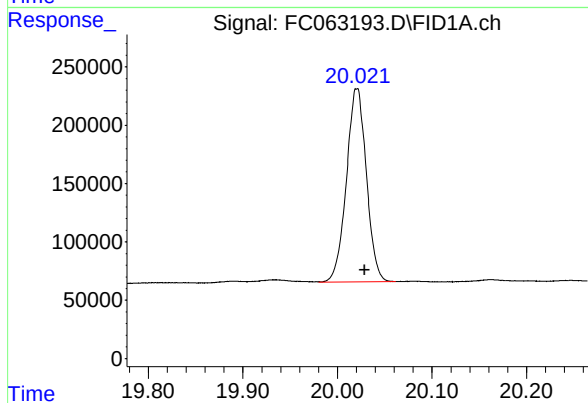
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: -0.007 min
Response: 2747181
Conc: 23.74 ug/ml



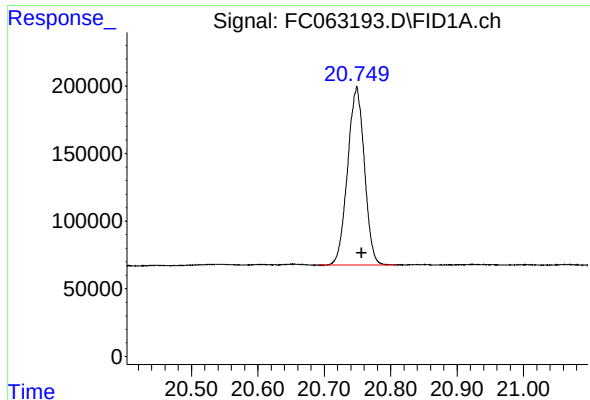
#19 n-Tetratriacontane (C34)

R.T.: 19.285 min
Delta R.T.: -0.004 min
Response: 2622434
Conc: 22.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.021 min
Delta R.T.: -0.007 min
Response: 2428028
Conc: 22.22 ug/ml m



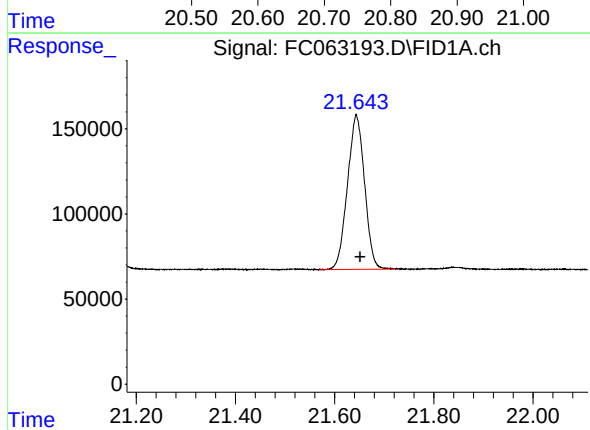
#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.007 min
Response: 2313338
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: -0.008 min
Response: 2166753
Conc: 20.46 ug/ml