

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050123AL\
 Data File : FC063517.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 11:37
 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 05/03/2023
 Supervised By :Ankita Jodhani 05/03/2023

Integration File: autoint1.e
 Quant Time: May 02 12:58:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.531	2949728	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	12.969	2180654	19.708 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	3.298	2571177	18.314 ug/ml
2) T n-Decane (C10)	4.364	2567692	18.842 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2801176	18.551 ug/ml
4) T n-Dodecane (C12)	6.384	2577281	19.158 ug/ml
5) T A~2-methylnaphthalene...	7.006	2620690	18.816 ug/ml
6) T n-Tetradecane (C14)	8.178	2546468	18.810 ug/ml
7) T n-Hexadecane (C16)	9.778	2624582	19.327 ug/ml
8) T n-Octadecane (C18)	11.218	2683568	19.374 ug/ml
10) T n-Eicosane (C20)	12.525	2623892	19.530 ug/ml
11) T n-Heneicosane (C21)	13.136	2624458	19.500 ug/ml
13) T n-Docosane (C22)	13.722	2611818	19.586 ug/ml
14) T n-Tetracosane (C24)	14.822	2667494	19.839 ug/ml
15) T n-Hexacosane (C26)	15.842	2636620	19.698 ug/ml
16) T n-Octacosane (C28)	16.789	2699355	19.936 ug/ml
17) T n-Tricontane (C30)	17.674	2838181	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.505	2908258	20.600 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2749465	19.923 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2506263	19.608 ug/ml
21) T n-Octatriacontane (C38)	20.751	2319075	18.834 ug/ml
22) T n-Tetracontane (C40)	21.645	2598682	22.083 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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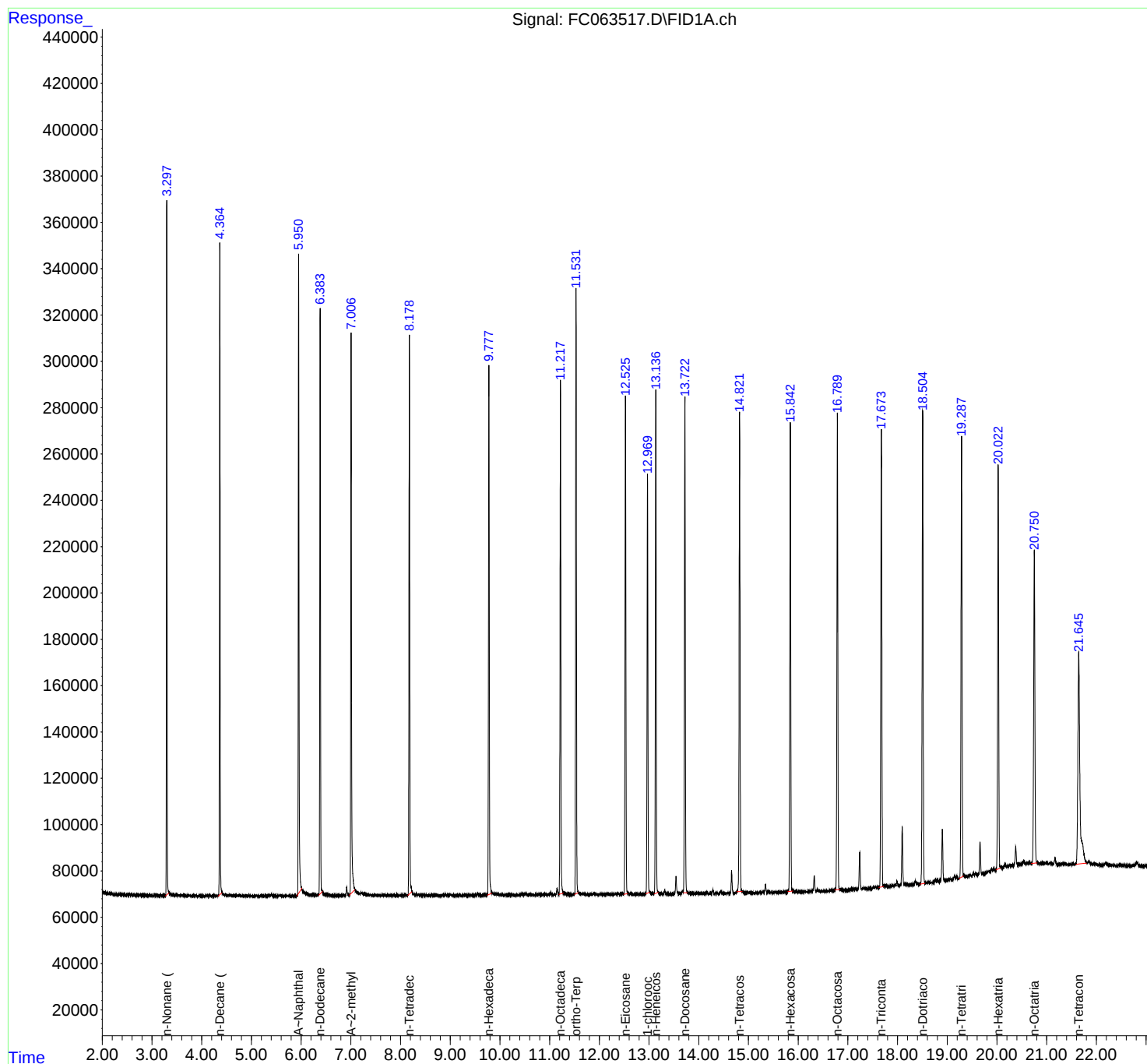
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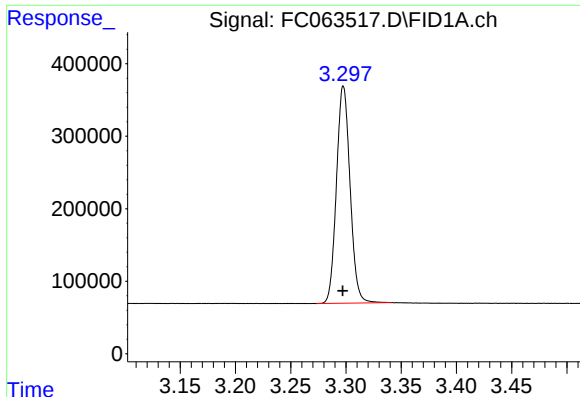
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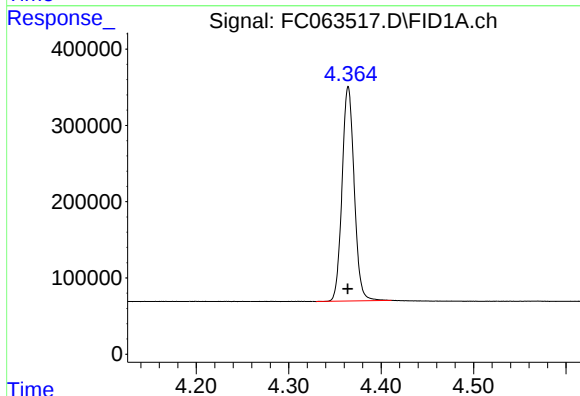
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 2571177
Conc: 18.31 ug/ml

Instrument :
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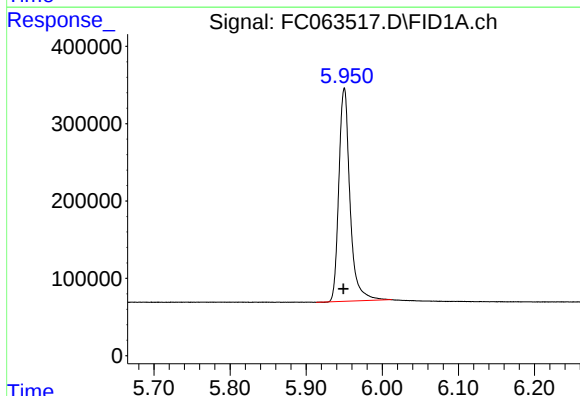
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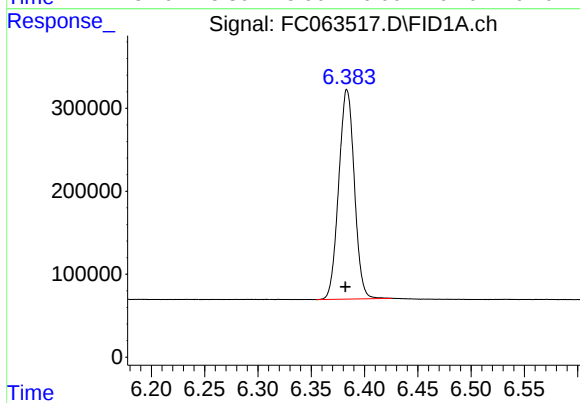
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2567692
Conc: 18.84 ug/ml



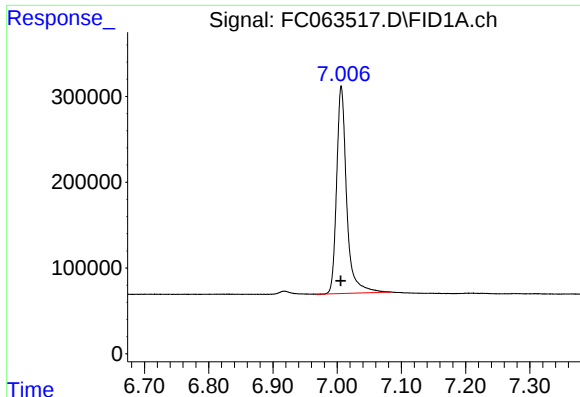
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 2801176
Conc: 18.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 2577281
Conc: 19.16 ug/ml



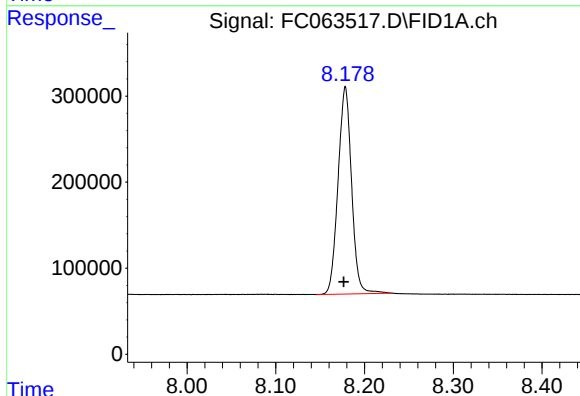
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 2620690
Conc: 18.82 ug/ml

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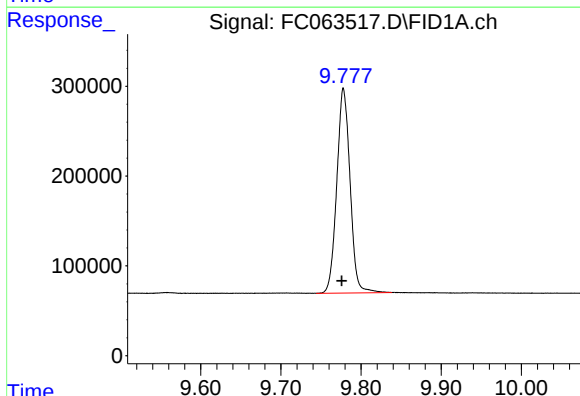
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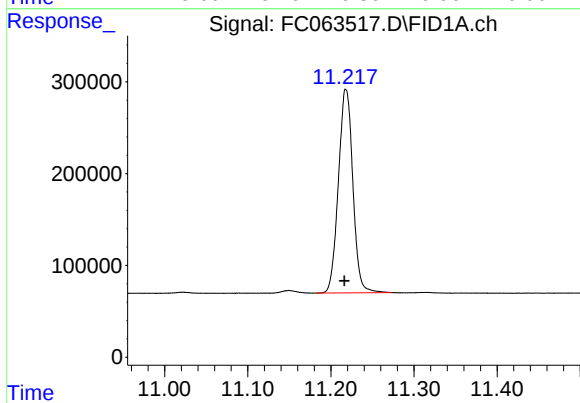
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2546468
Conc: 18.81 ug/ml



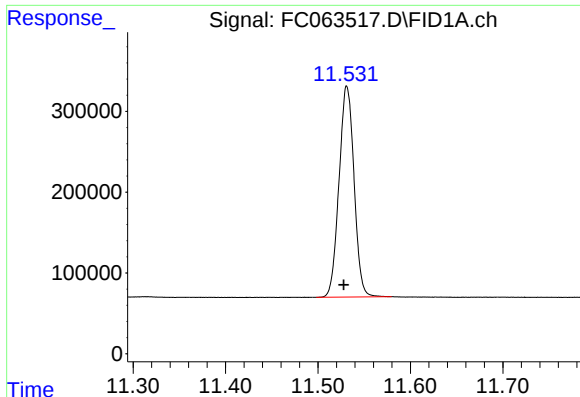
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 2624582
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 2683568
Conc: 19.37 ug/ml



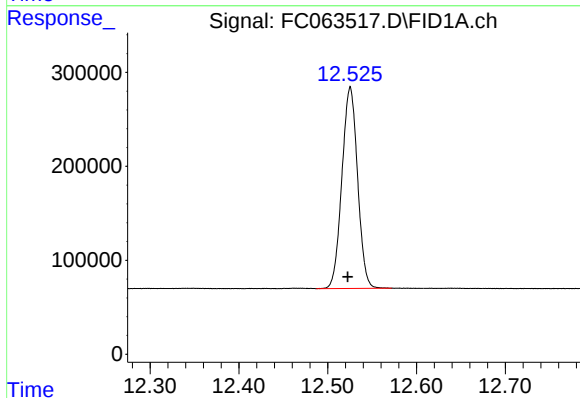
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: 0.003 min
Response: 2949728
Conc: 19.39 ug/ml

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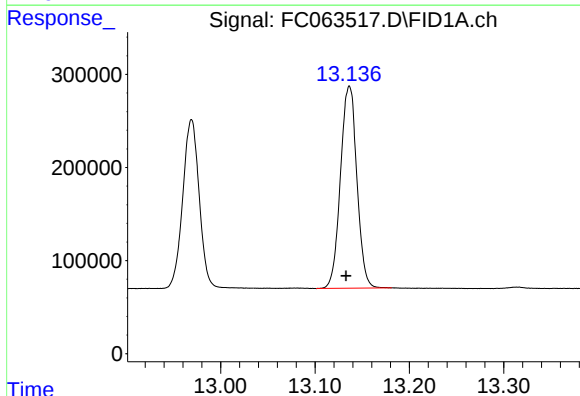
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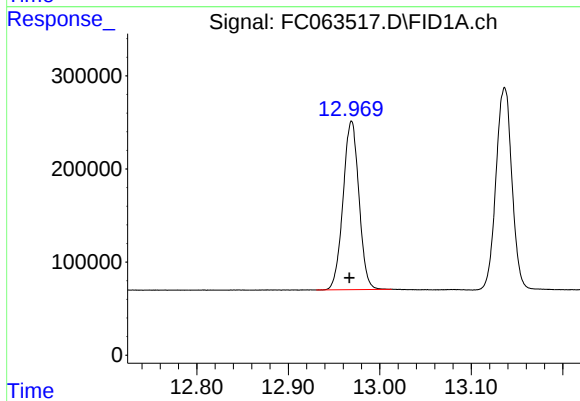
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.003 min
Response: 2623892
Conc: 19.53 ug/ml



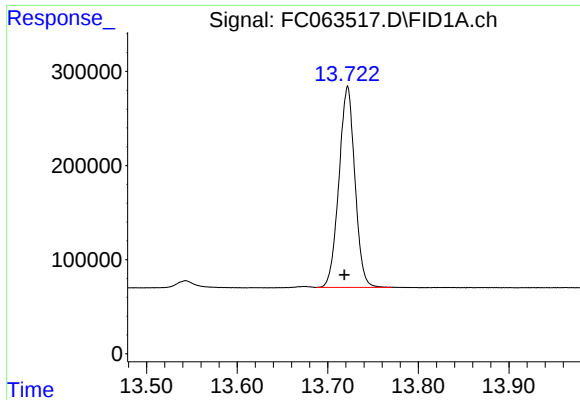
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.003 min
Response: 2624458
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: 0.002 min
Response: 2180654
Conc: 19.71 ug/ml



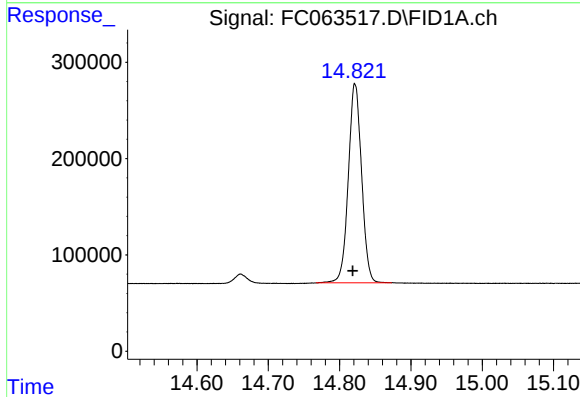
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: 0.004 min
Response: 2611818
Conc: 19.59 ug/ml

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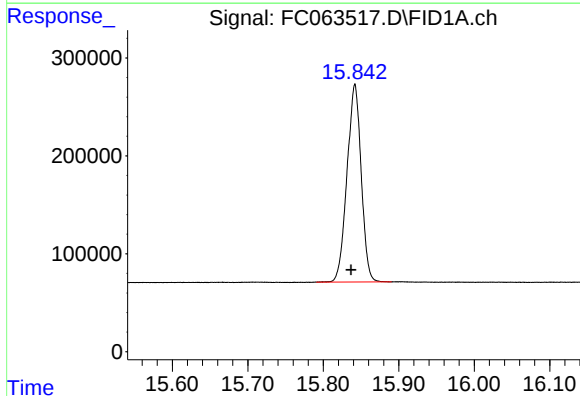
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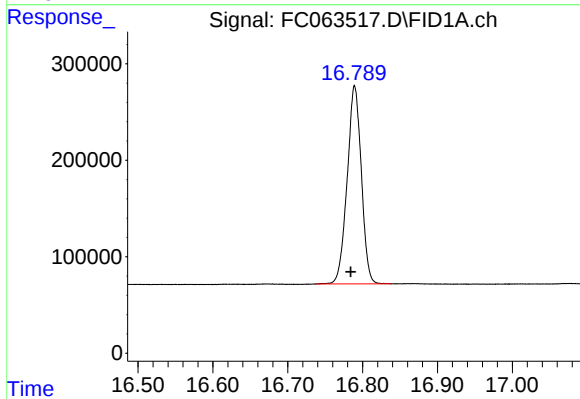
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.003 min
Response: 2667494
Conc: 19.84 ug/ml



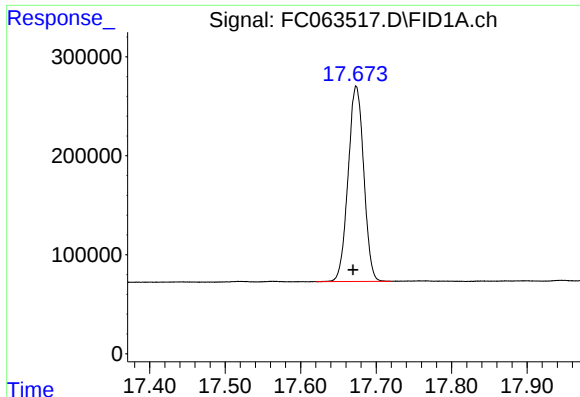
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.005 min
Response: 2636620
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.789 min
Delta R.T.: 0.005 min
Response: 2699355
Conc: 19.94 ug/ml



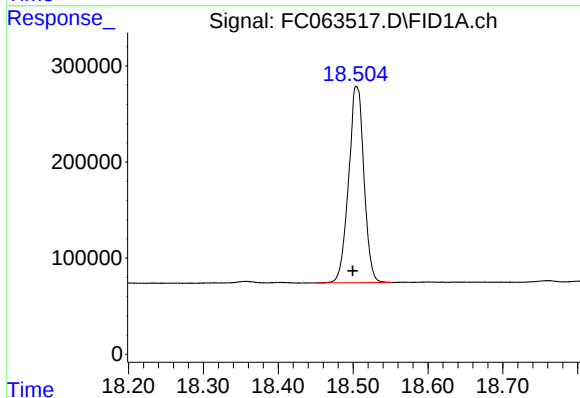
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: 0.004 min
Response: 2838181
Conc: 20.52 ug/ml

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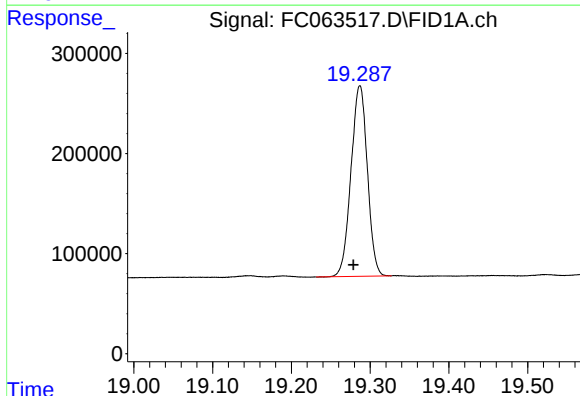
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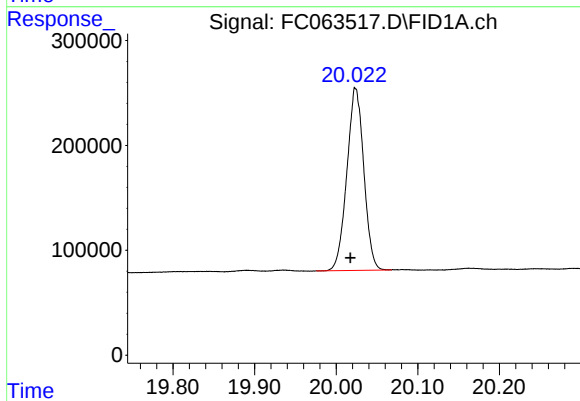
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.005 min
Response: 2908258
Conc: 20.60 ug/ml



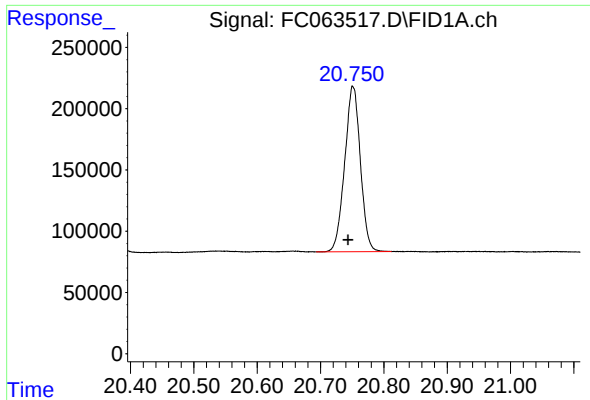
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.008 min
Response: 2749465
Conc: 19.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.024 min
Delta R.T.: 0.006 min
Response: 2506263
Conc: 19.61 ug/ml



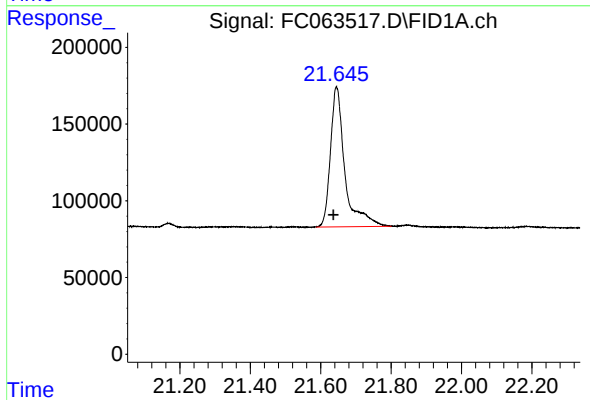
#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: 0.008 min
Response: 2319075
Conc: 18.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: 0.008 min
Response: 2598682
Conc: 22.08 ug/ml m