

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071624AL\
 Data File : FC066800.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2024 11:22
 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 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:35:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.522	2936659	19.075 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	12.961	2144771	19.181 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.289	2776618	19.568 ug/ml
2) T n-Decane (C10)	4.354	2848469	19.269 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3064172	19.188 ug/ml
4) T n-Dodecane (C12)	6.372	2876951	19.190 ug/ml
5) T A~2-methylnaphthalene...	6.991	2932519	19.129 ug/ml
6) T n-Tetradecane (C14)	8.168	2819703	19.272 ug/ml
7) T n-Hexadecane (C16)	9.768	2916992	19.490 ug/ml
8) T n-Octadecane (C18)	11.209	2889929	19.474 ug/ml
10) T n-Eicosane (C20)	12.518	2699396	19.367 ug/ml
11) T n-Heneicosane (C21)	13.129	2618990	19.228 ug/ml
13) T n-Docosane (C22)	13.715	2570513	19.137 ug/ml
14) T n-Tetracosane (C24)	14.817	2489881	18.719 ug/mlm
15) T n-Hexacosane (C26)	15.839	2445317	18.793 ug/ml
16) T n-Octacosane (C28)	16.787	2355222	18.669 ug/ml
17) T n-Tricontane (C30)	17.673	2367227	18.409 ug/mlm
18) T n-Dotriacontane (C32)	18.507	2317796	18.411 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2255543	18.232 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2110861	18.146 ug/ml
21) T n-Octatriacontane (C38)	20.757	2002551	18.024 ug/ml
22) T n-Tetracontane (C40)	21.654	1881786	17.310 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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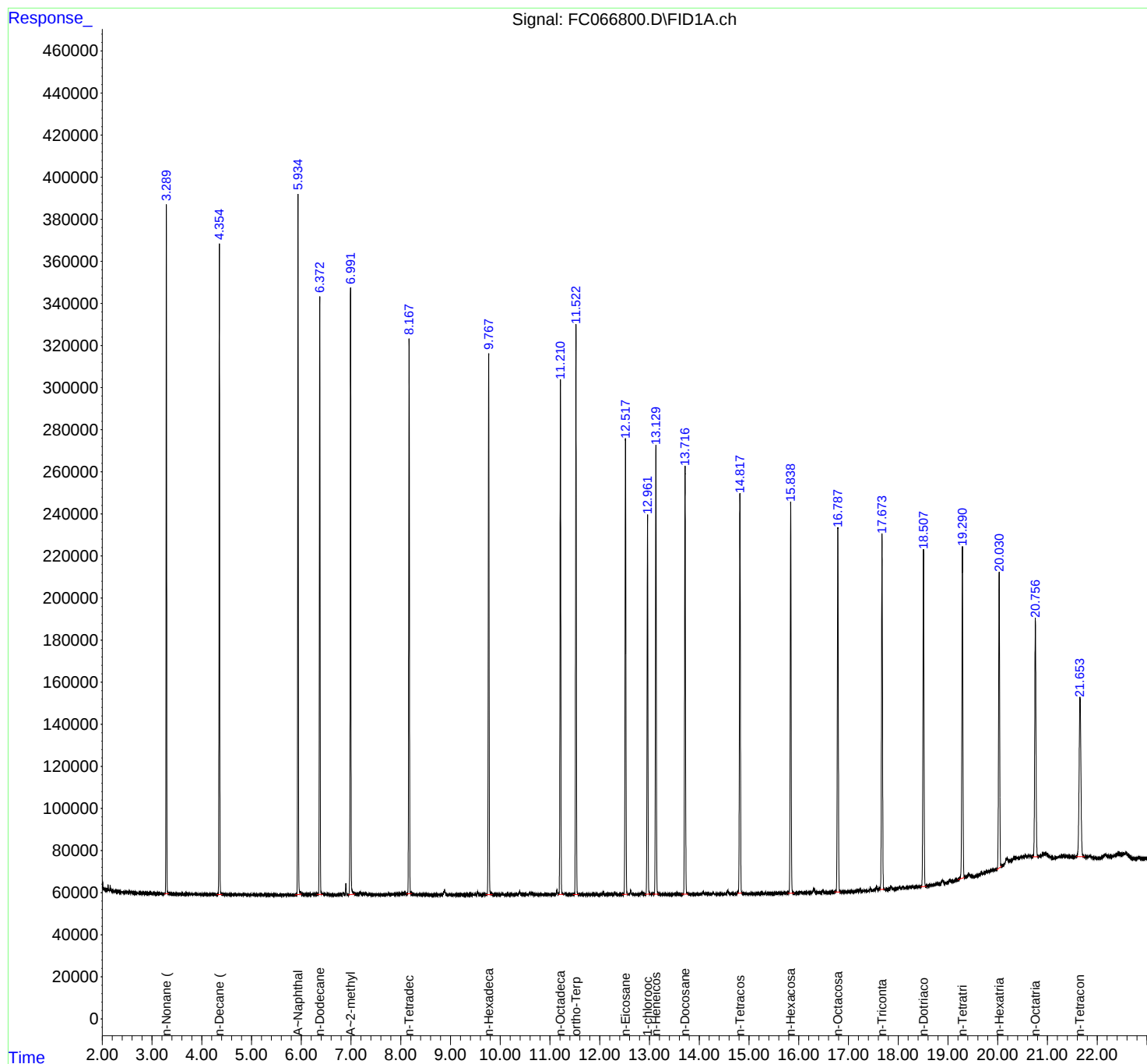
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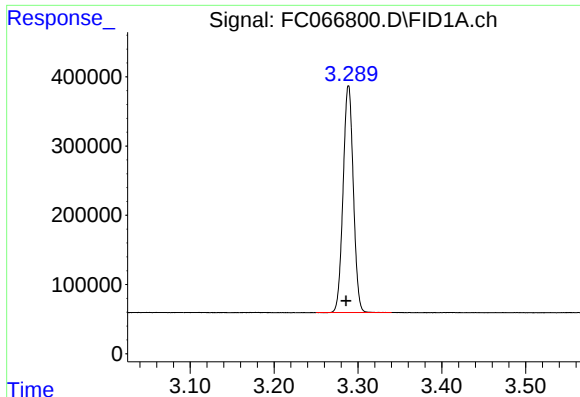
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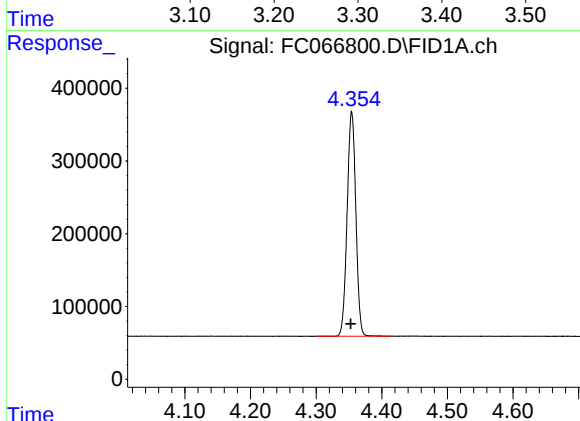
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.003 min
Response: 2776618
Conc: 19.57 ug/ml

Instrument :
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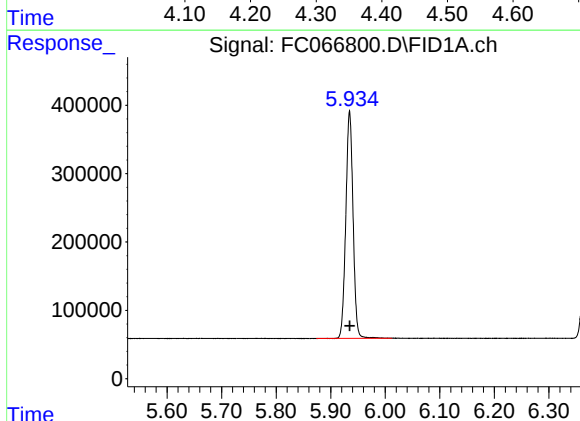
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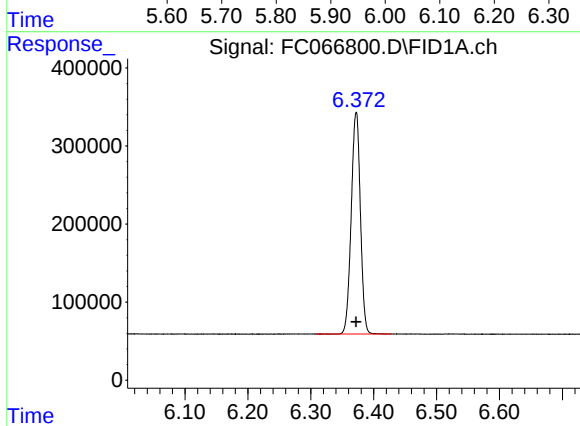
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.001 min
Response: 2848469
Conc: 19.27 ug/ml



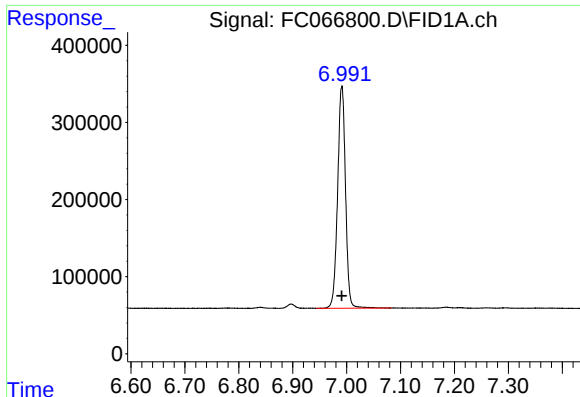
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 3064172
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 2876951
Conc: 19.19 ug/ml



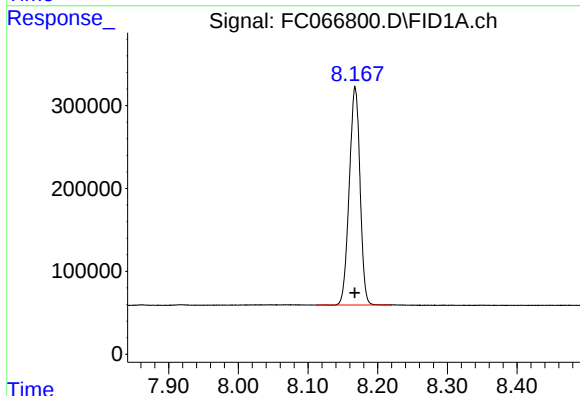
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 2932519
Conc: 19.13 ug/ml

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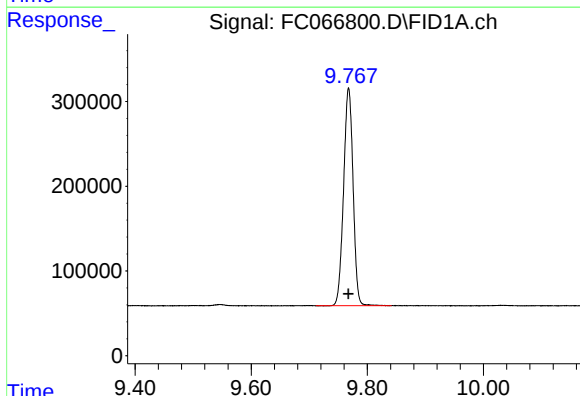
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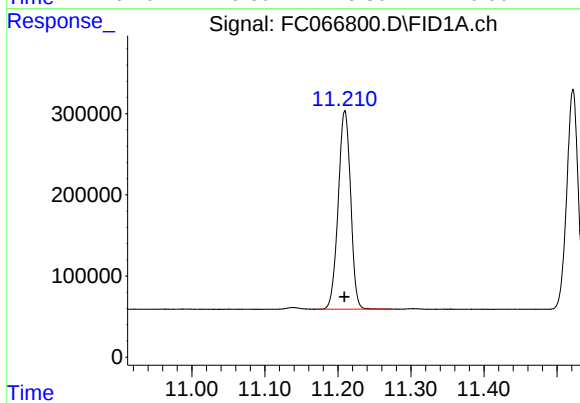
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2819703
Conc: 19.27 ug/ml



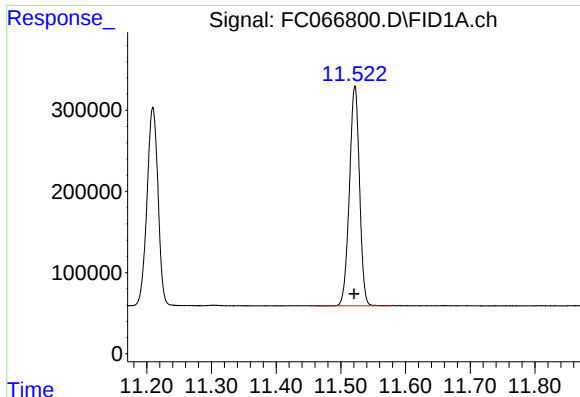
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 2916992
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 2889929
Conc: 19.47 ug/ml



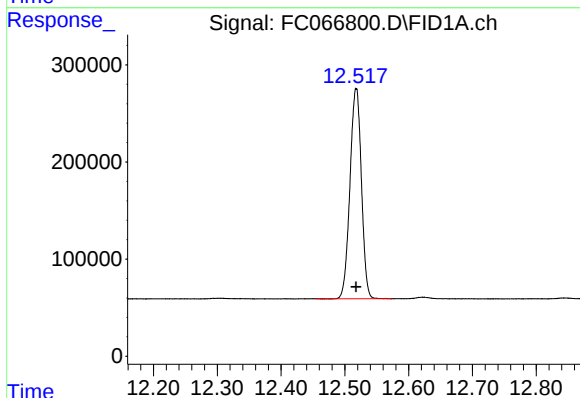
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 2936659
Conc: 19.08 ug/ml

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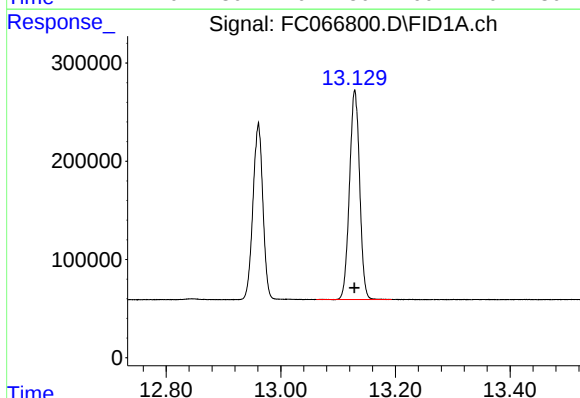
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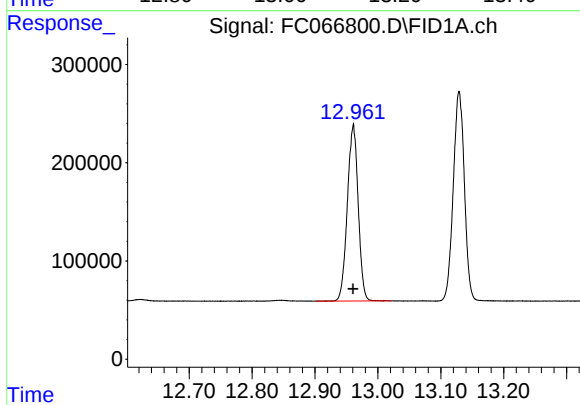
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 2699396
Conc: 19.37 ug/ml



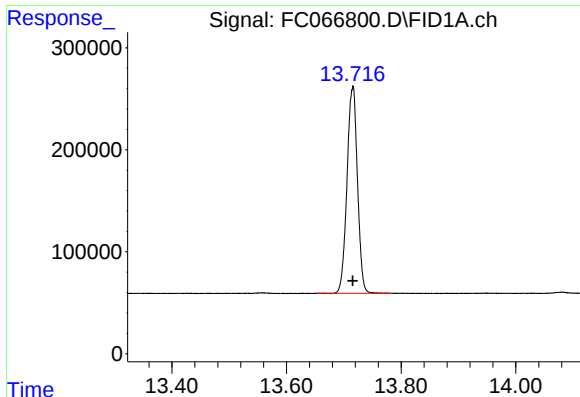
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 2618990
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2144771
Conc: 19.18 ug/ml



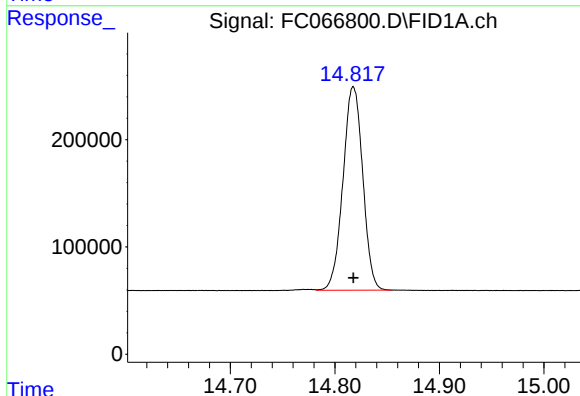
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: 0.000 min
Response: 2570513
Conc: 19.14 ug/ml

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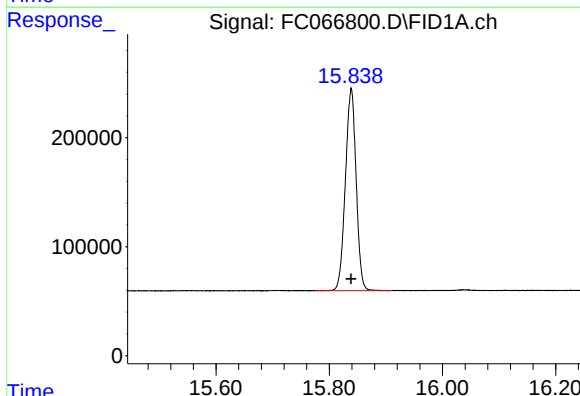
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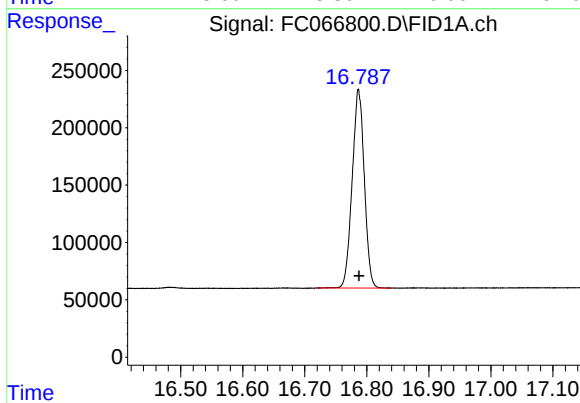
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 2489881
Conc: 18.72 ug/ml m



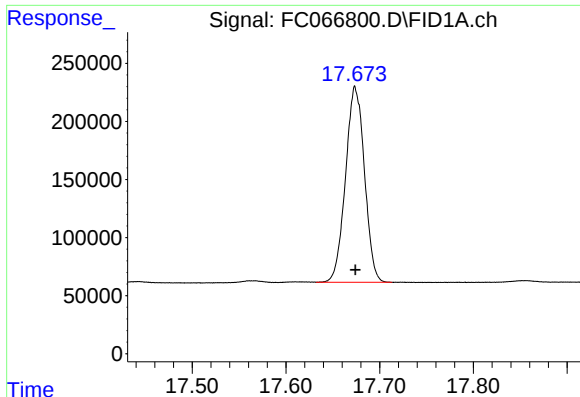
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.000 min
Response: 2445317
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: 0.000 min
Response: 2355222
Conc: 18.67 ug/ml



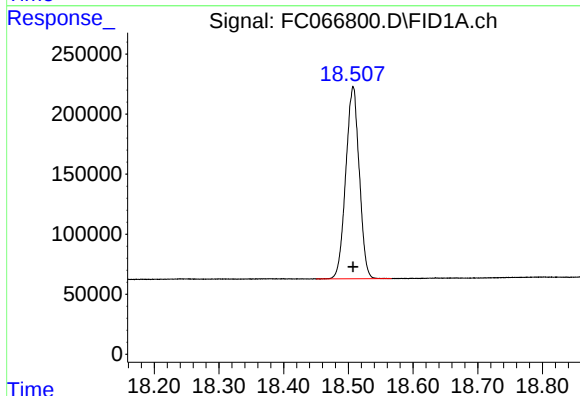
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: -0.001 min
Response: 2367227
Conc: 18.41 ug/ml

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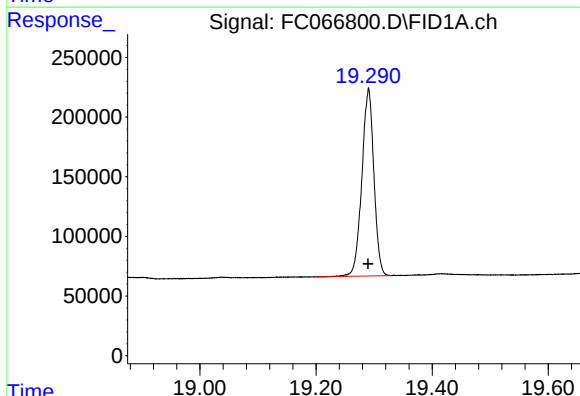
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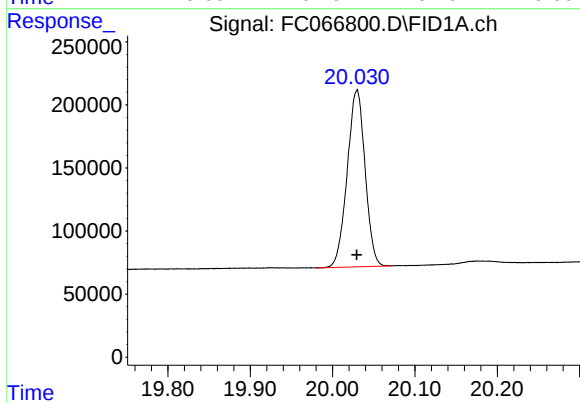
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.000 min
Response: 2317796
Conc: 18.41 ug/ml



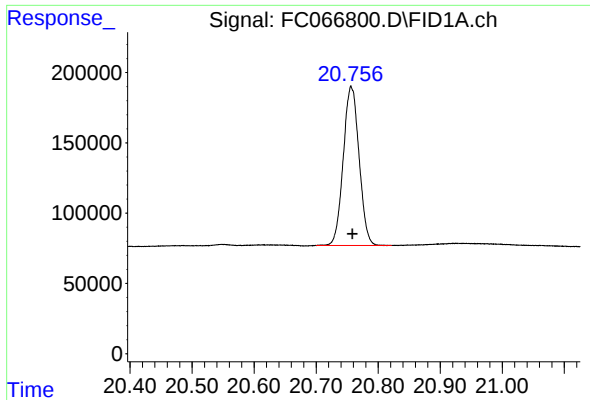
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 2255543
Conc: 18.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.029 min
Delta R.T.: 0.000 min
Response: 2110861
Conc: 18.15 ug/ml



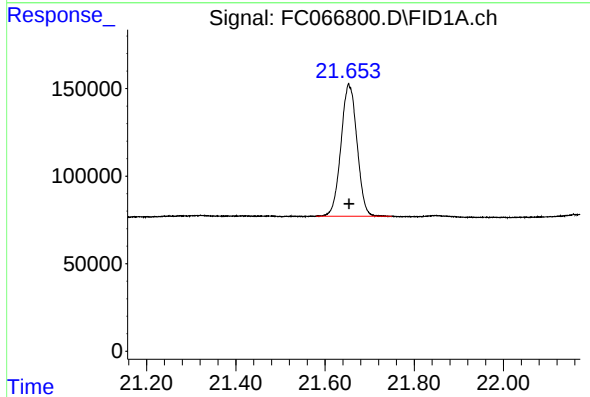
#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.002 min
Response: 2002551
Conc: 18.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: 0.000 min
Response: 1881786
Conc: 17.31 ug/ml