

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112922AL\
 Data File : FC062310.D
 Signal(s) : FID1A.ch
 Acq On : 29 Nov 2022 09:51
 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 11/30/2022
 Supervised By :Ankita Jodhani 11/30/2022

Integration File: sample.E
 Quant Time: Nov 30 04:26:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.589	2617049	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.026	1998278	19.658 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.340	2778785	19.965 ug/ml
2) T n-Decane (C10)	4.409	2822374	20.860 ug/ml
3) T A~Naphthalene (C11.7)	5.997	2910630	19.867 ug/ml
4) T n-Dodecane (C12)	6.432	2830265	21.186 ug/ml
5) T A~2-methylnaphthalene...	7.056	2794167	20.837 ug/ml
6) T n-Tetradecane (C14)	8.230	2740280	20.992 ug/ml
7) T n-Hexadecane (C16)	9.831	2708050	20.888 ug/ml
8) T n-Octadecane (C18)	11.273	2632505	20.617 ug/ml
10) T n-Eicosane (C20)	12.582	2533521	20.842 ug/ml
11) T n-Heneicosane (C21)	13.194	2475668	20.541 ug/ml
13) T n-Docosane (C22)	13.780	2417951	20.511 ug/ml
14) T n-Tetracosane (C24)	14.882	2321544	20.175 ug/ml
15) T n-Hexacosane (C26)	15.903	2239804	20.102 ug/ml
16) T n-Octacosane (C28)	16.853	2207842	20.137 ug/ml
17) T n-Tricontane (C30)	17.739	2341807	21.384 ug/ml
18) T n-Dotriacontane (C32)	18.570	2390100	21.640 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2275664	20.813 ug/ml
20) T n-Hexatriacontane (C36)	20.090	2207830	21.066 ug/ml
21) T n-Octatriacontane (C38)	20.829	2084788	20.143 ug/ml
22) T n-Tetracontane (C40)	21.749	1983242	19.320 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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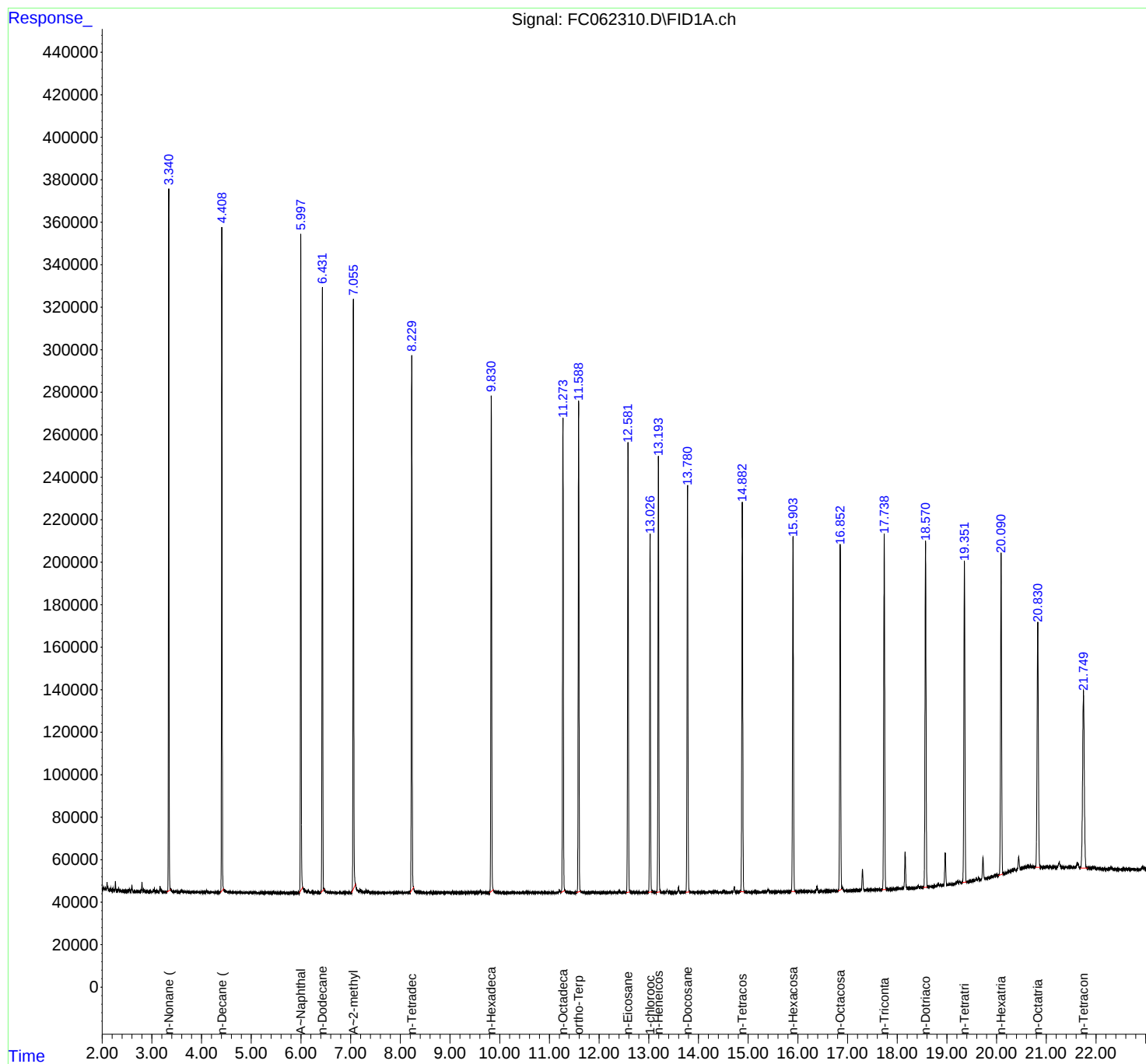
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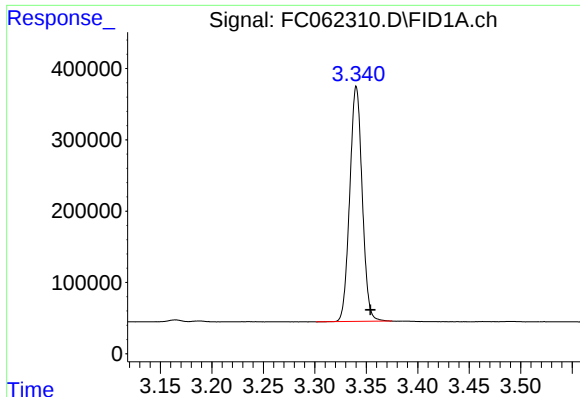
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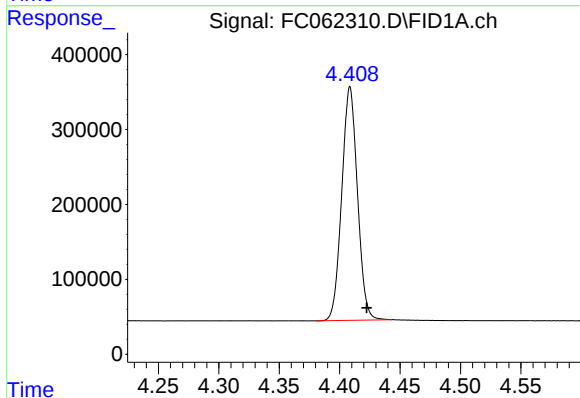
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: -0.014 min
Response: 2778785
Conc: 19.97 ug/ml

Instrument :
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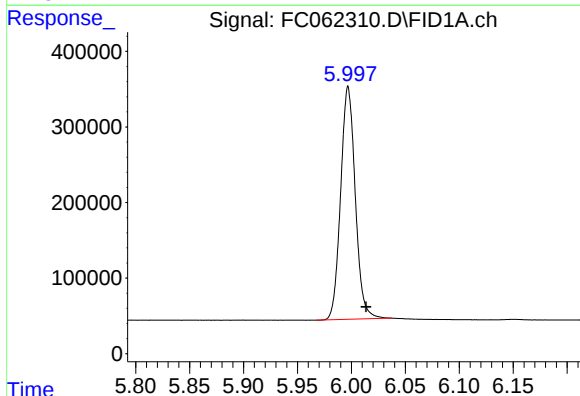
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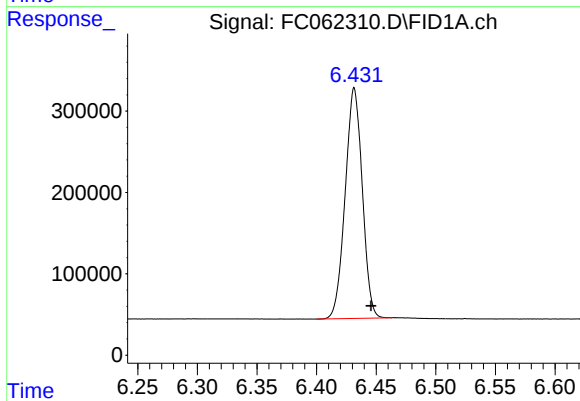
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.014 min
Response: 2822374
Conc: 20.86 ug/ml



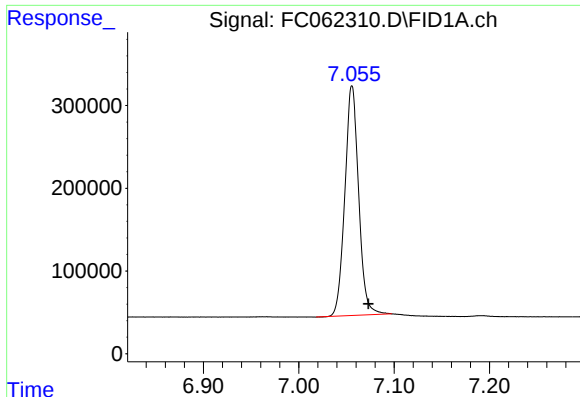
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 2910630
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: -0.014 min
Response: 2830265
Conc: 21.19 ug/ml



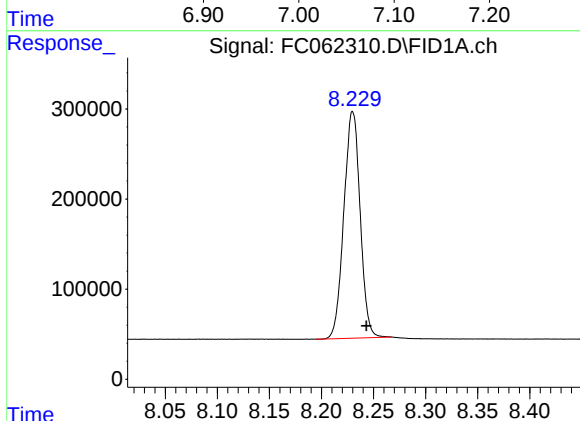
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.017 min
Response: 2794167
Conc: 20.84 ug/ml

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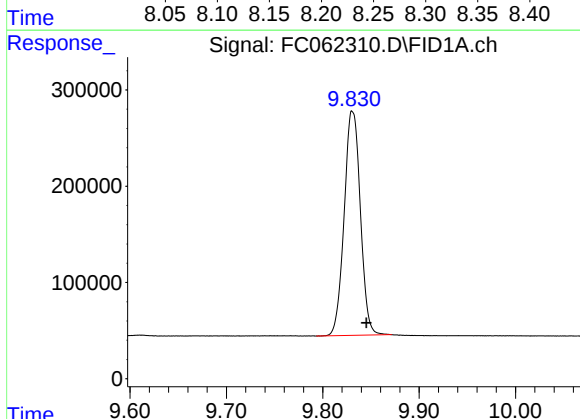
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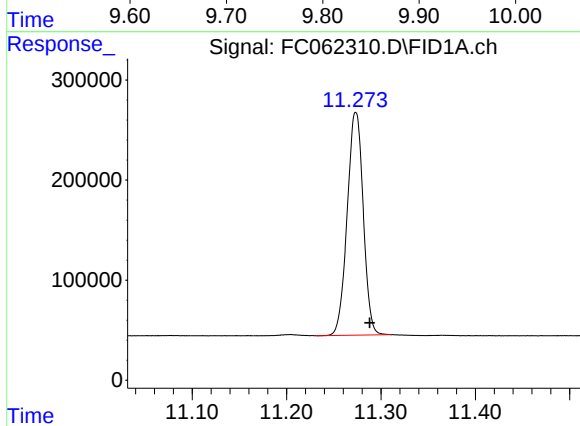
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: -0.013 min
Response: 2740280
Conc: 20.99 ug/ml



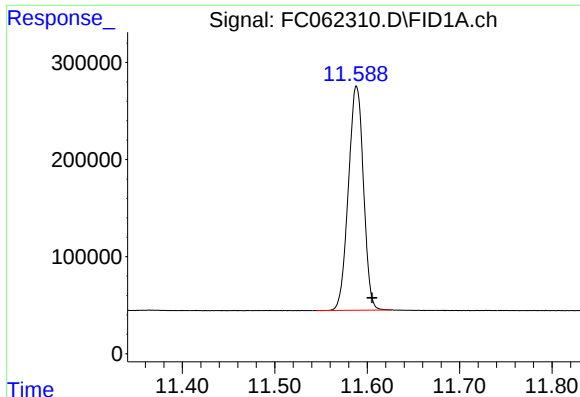
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: -0.014 min
Response: 2708050
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.015 min
Response: 2632505
Conc: 20.62 ug/ml



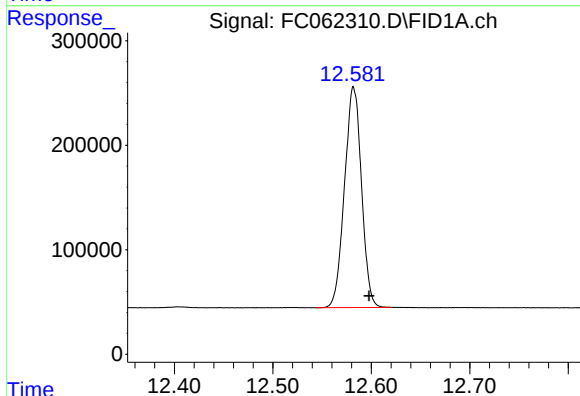
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.017 min
Response: 2617049
Conc: 19.17 ug/ml

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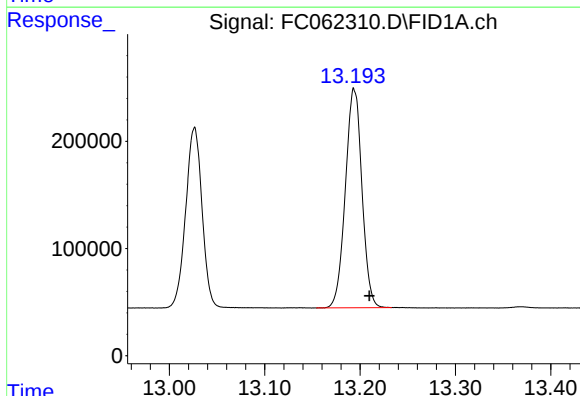
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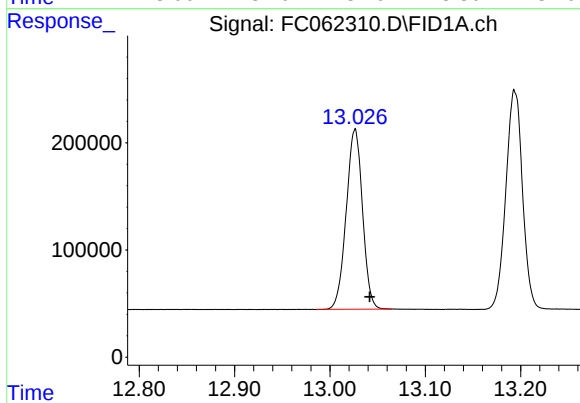
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.016 min
Response: 2533521
Conc: 20.84 ug/ml



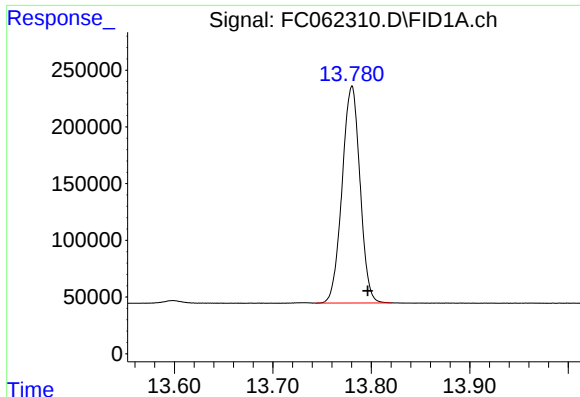
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.016 min
Response: 2475668
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.016 min
Response: 1998278
Conc: 19.66 ug/ml



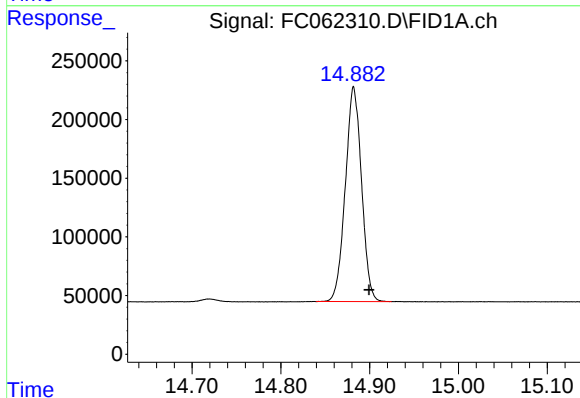
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: -0.016 min
Response: 2417951
Conc: 20.51 ug/ml

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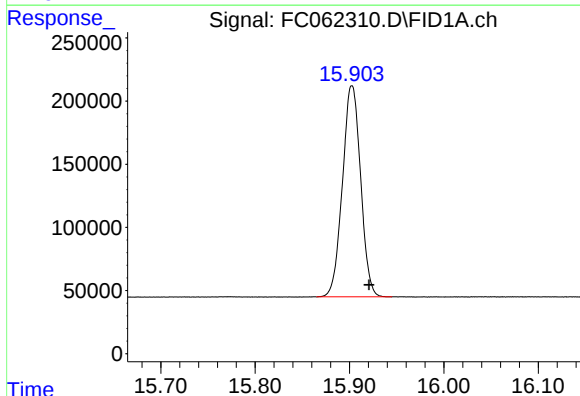
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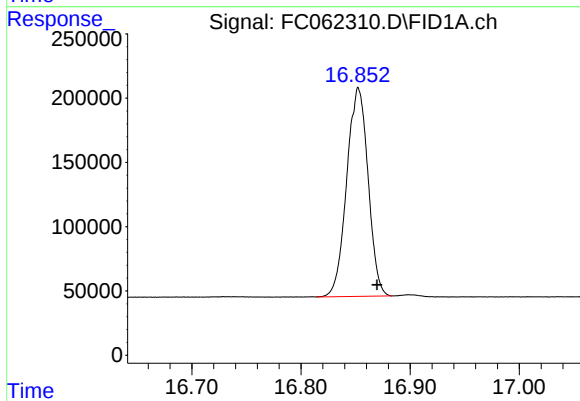
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: -0.017 min
Response: 2321544
Conc: 20.18 ug/ml



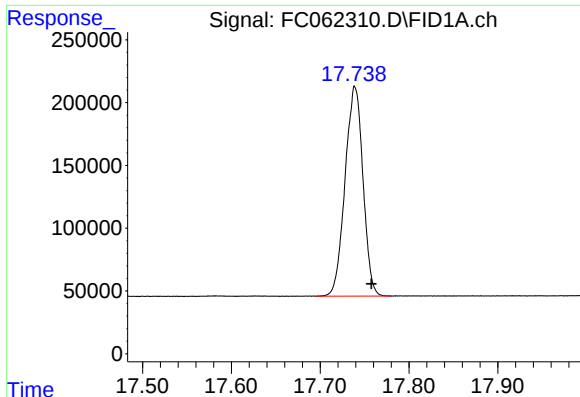
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: -0.018 min
Response: 2239804
Conc: 20.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: -0.017 min
Response: 2207842
Conc: 20.14 ug/ml



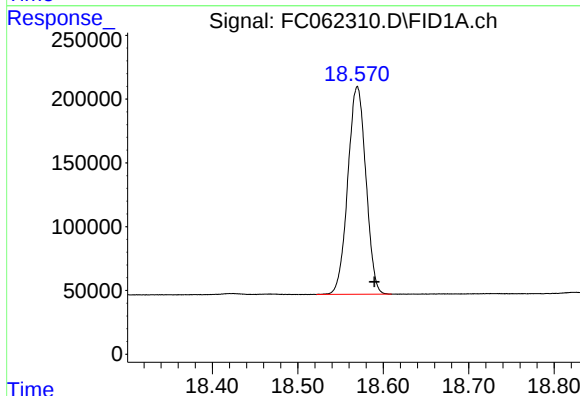
#17 n-Tricontane (C30)

R.T.: 17.739 min
Delta R.T.: -0.018 min
Response: 2341807
Conc: 21.38 ug/ml

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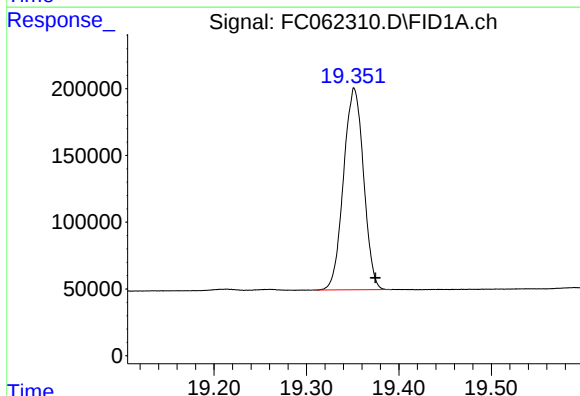
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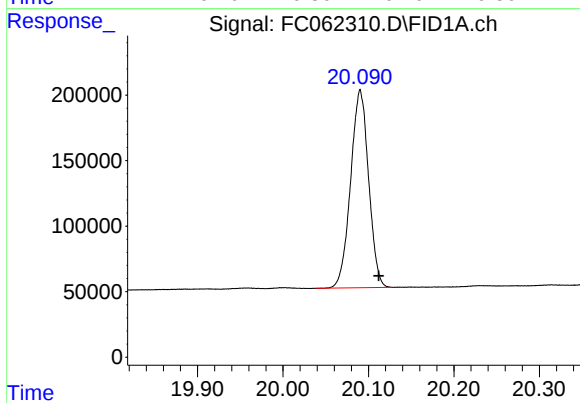
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.020 min
Response: 2390100
Conc: 21.64 ug/ml



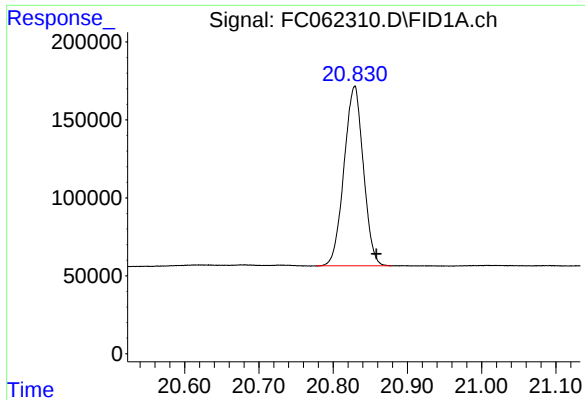
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: -0.023 min
Response: 2275664
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.022 min
Response: 2207830
Conc: 21.07 ug/ml



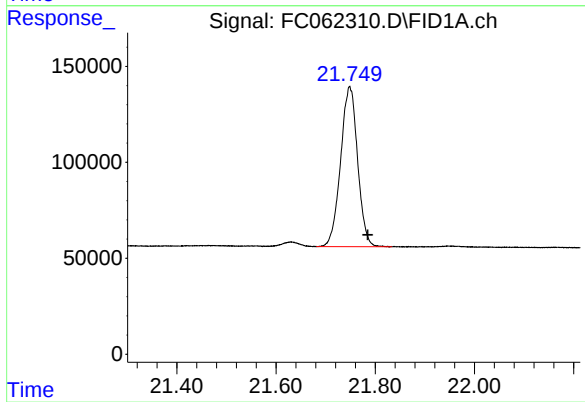
#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.029 min
Response: 2084788
Conc: 20.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: -0.036 min
Response: 1983242
Conc: 19.32 ug/ml m