

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110922AL\
 Data File : FC062134.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2022 02:23
 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 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 03:18:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.597	2652942	17.848 ug/ml
Spiked Amount 50.000		Recovery =	35.70%
12) S 1-chlorooctadecane (S...	13.033	2063372	17.711 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.351	2691376	19.134 ug/ml
2) T n-Decane (C10)	4.419	2807963	19.671 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2849098	18.458 ug/ml
4) T n-Dodecane (C12)	6.441	2788235	19.207 ug/ml
5) T A~2-methylnaphthalene...	7.066	2760394	18.197 ug/ml
6) T n-Tetradecane (C14)	8.238	2705336	18.611 ug/ml
7) T n-Hexadecane (C16)	9.840	2652111	18.212 ug/ml
8) T n-Octadecane (C18)	11.280	2594166	17.948 ug/ml
10) T n-Eicosane (C20)	12.588	2508557	17.774 ug/ml
11) T n-Heneicosane (C21)	13.199	2452336	17.674 ug/ml
13) T n-Docosane (C22)	13.786	2451100	17.879 ug/mlm
14) T n-Tetracosane (C24)	14.885	2392821	18.109 ug/ml
15) T n-Hexacosane (C26)	15.905	2416695	19.179 ug/ml
16) T n-Octacosane (C28)	16.853	2529633	20.974 ug/ml
17) T n-Tricontane (C30)	17.738	2907131	24.433 ug/ml
18) T n-Dotriacontane (C32)	18.568	3060731	25.978 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2823547	24.993 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2672780	23.568 ug/ml
21) T n-Octatriacontane (C38)	20.829	2374070	21.099 ug/ml
22) T n-Tetracontane (C40)	21.745	2220132	19.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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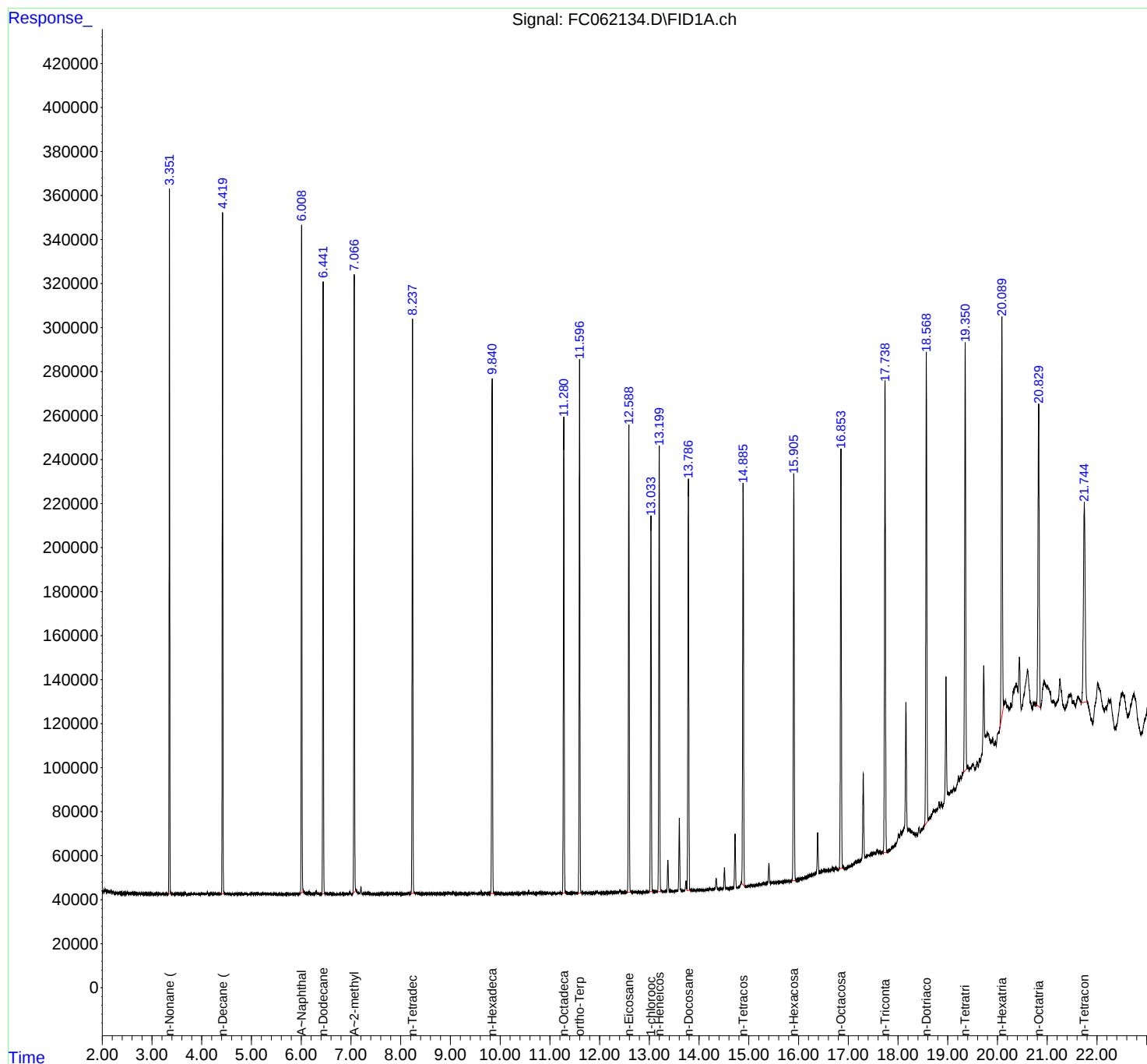
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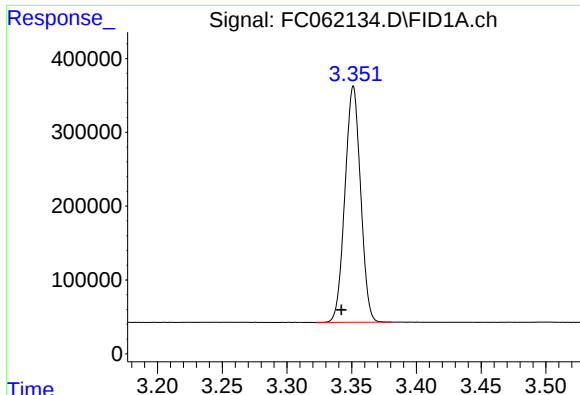
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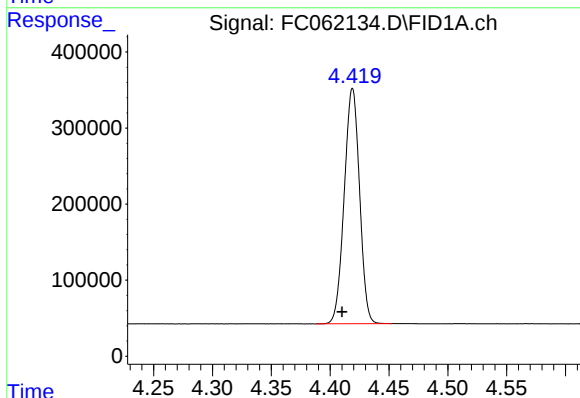
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 2691376
Conc: 19.13 ug/ml

Instrument :
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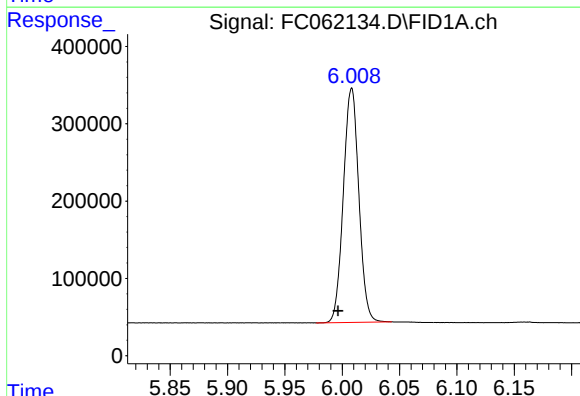
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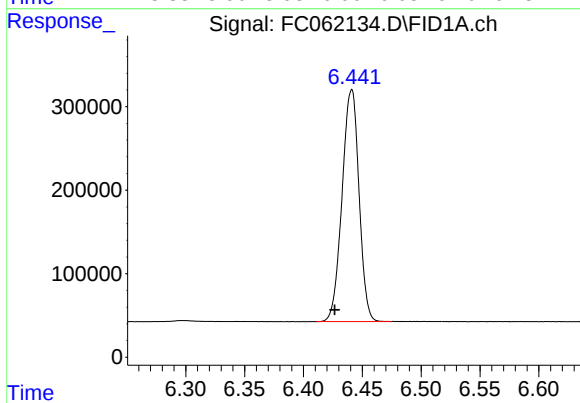
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.009 min
Response: 2807963
Conc: 19.67 ug/ml



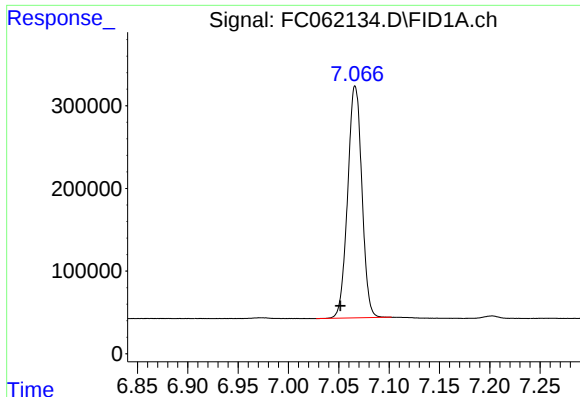
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: 0.012 min
Response: 2849098
Conc: 18.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: 0.014 min
Response: 2788235
Conc: 19.21 ug/ml



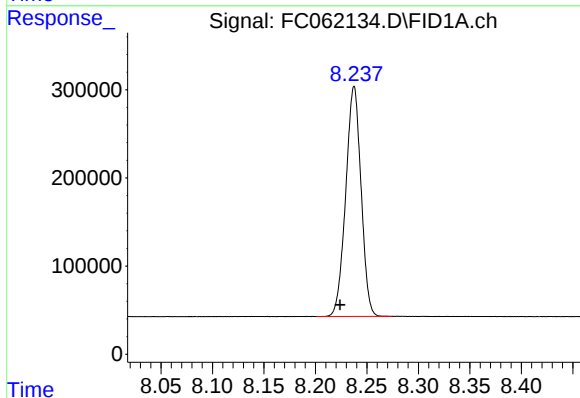
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: 0.015 min
Response: 2760394
Conc: 18.20 ug/ml

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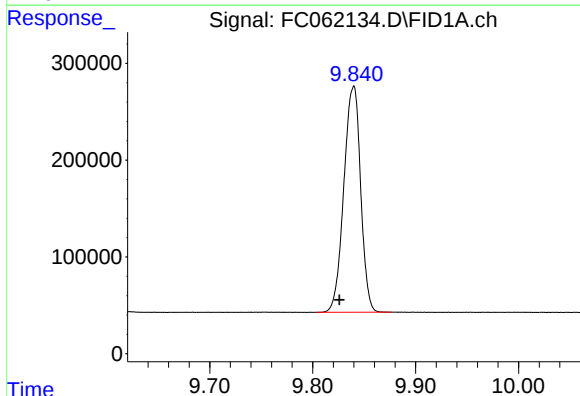
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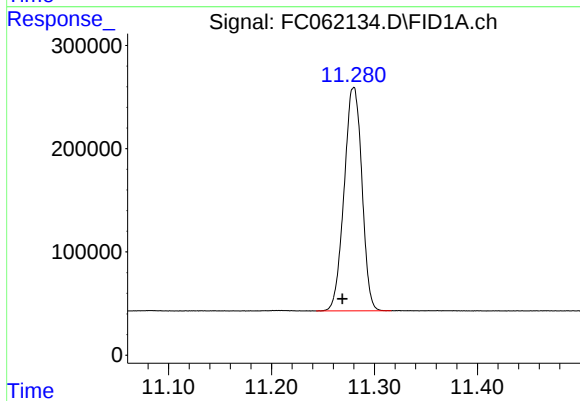
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: 0.014 min
Response: 2705336
Conc: 18.61 ug/ml



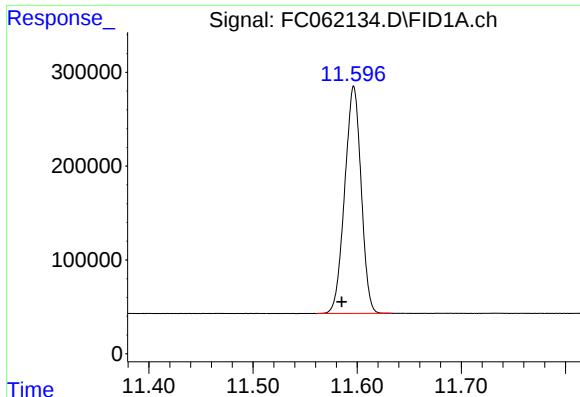
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: 0.014 min
Response: 2652111
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.011 min
Response: 2594166
Conc: 17.95 ug/ml



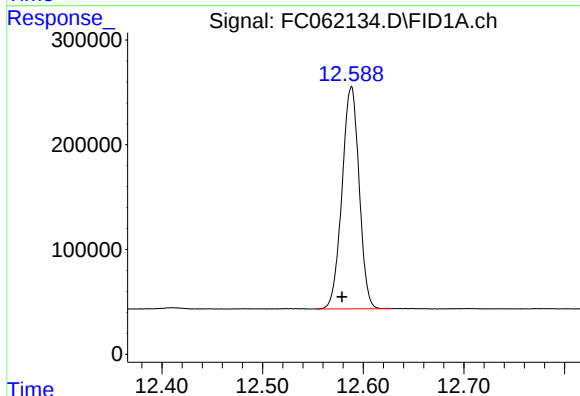
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: 0.012 min
Response: 2652942
Conc: 17.85 ug/ml

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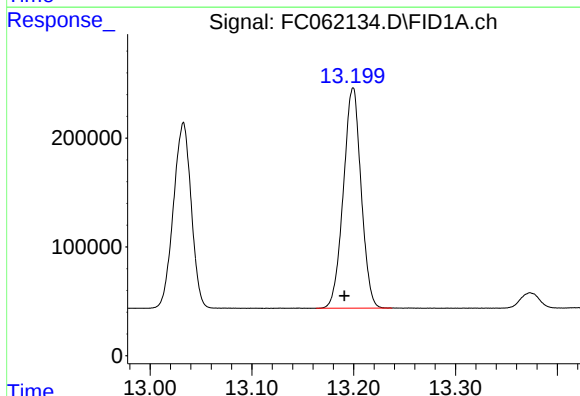
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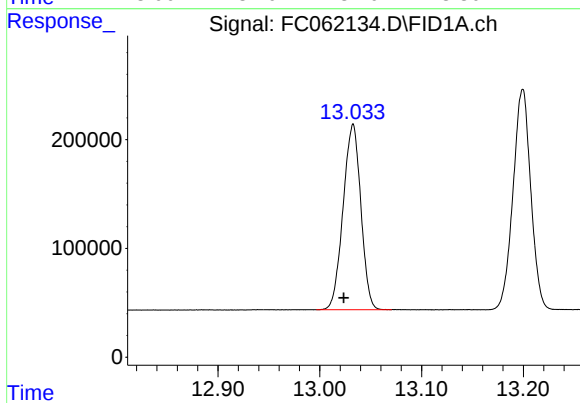
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.009 min
Response: 2508557
Conc: 17.77 ug/ml



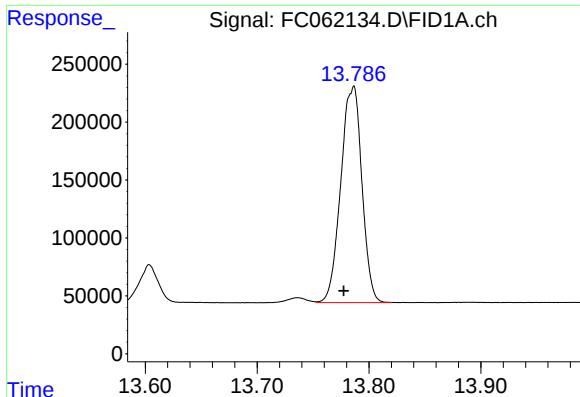
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: 0.009 min
Response: 2452336
Conc: 17.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: 0.009 min
Response: 2063372
Conc: 17.71 ug/ml



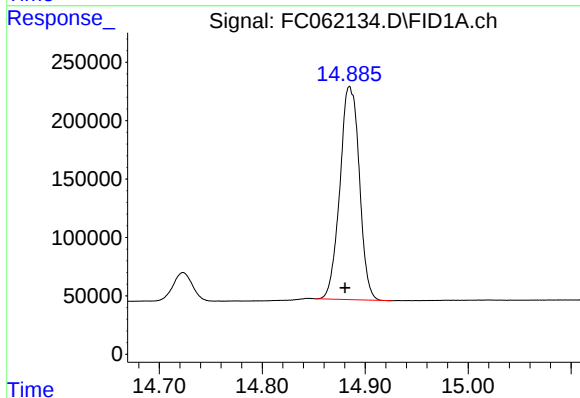
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: 0.009 min
Response: 2451100
Conc: 17.88 ug/ml

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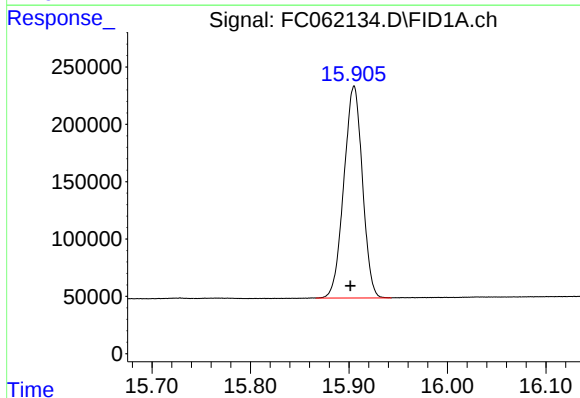
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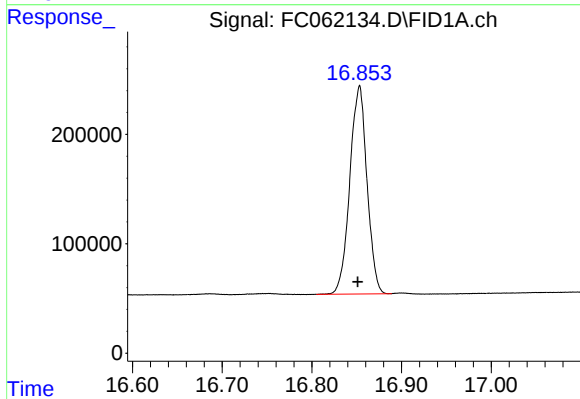
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.004 min
Response: 2392821
Conc: 18.11 ug/ml



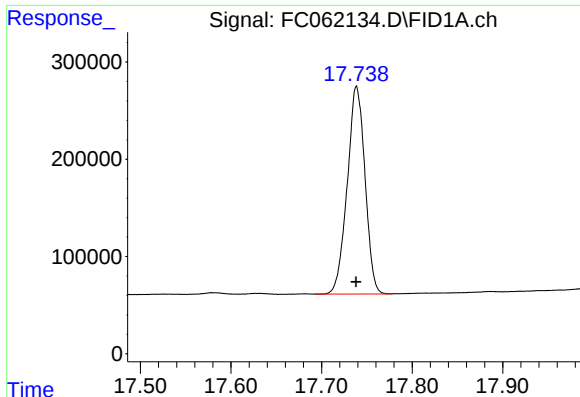
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.004 min
Response: 2416695
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: 0.002 min
Response: 2529633
Conc: 20.97 ug/ml



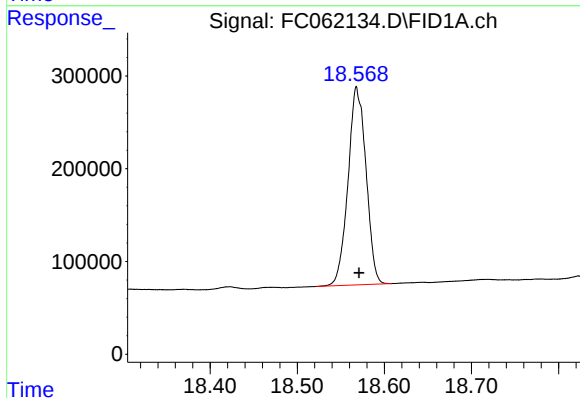
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 2907131
Conc: 24.43 ug/ml

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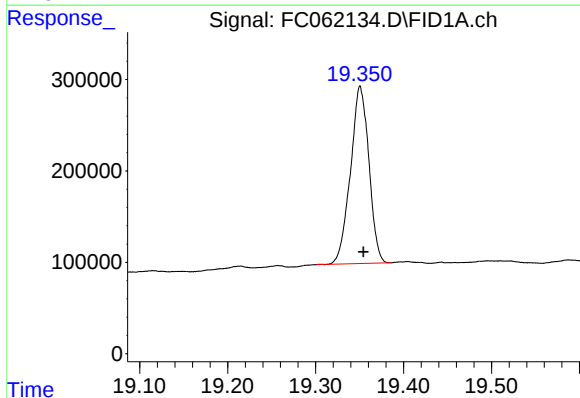
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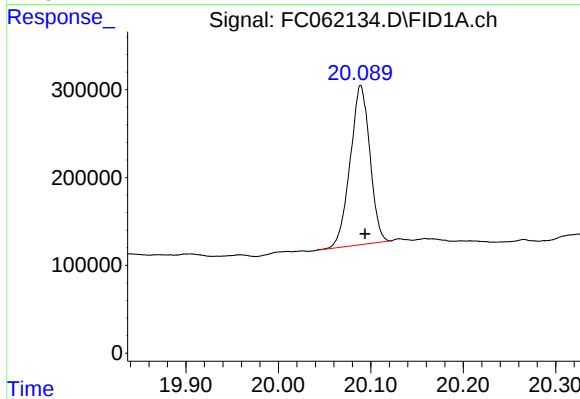
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.003 min
Response: 3060731
Conc: 25.98 ug/ml



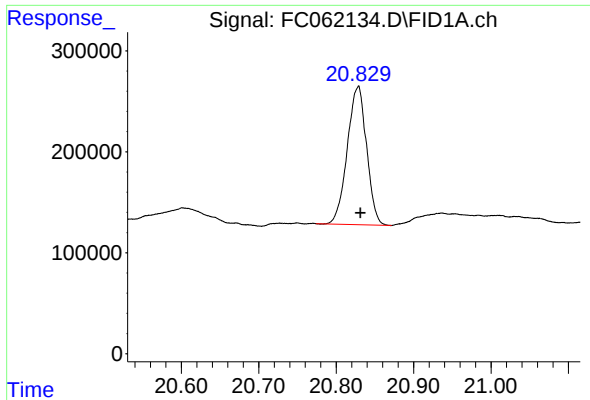
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.004 min
Response: 2823547
Conc: 24.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.005 min
Response: 2672780
Conc: 23.57 ug/ml



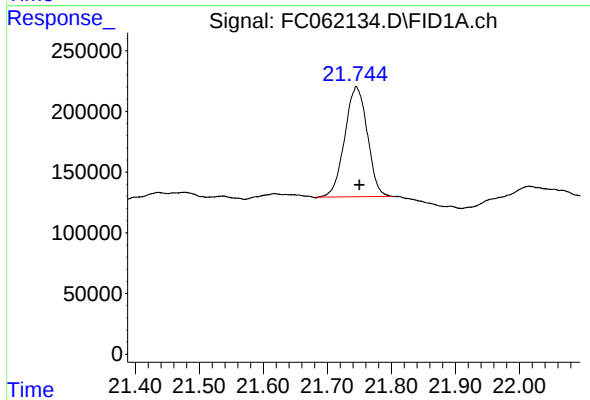
#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.003 min
Response: 2374070
Conc: 21.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: -0.005 min
Response: 2220132
Conc: 19.78 ug/ml