

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111122AL\
 Data File : FC062176.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2022 23:13
 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 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 07:38:51 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)	11.596	2527196	17.002 ug/ml
Spiked Amount 50.000		Recovery =	34.00%
12) S 1-chlorooctadecane (S...	13.033	1935860	16.617 ug/ml
Spiked Amount 50.000		Recovery =	33.23%
Target Compounds			
1) T n-Nonane (C9)	3.349	2472618	17.578 ug/ml
2) T n-Decane (C10)	4.418	2573394	18.028 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2623829	16.999 ug/ml
4) T n-Dodecane (C12)	6.441	2543740	17.522 ug/ml
5) T A~2-methylnaphthalene...	7.066	2545415	16.780 ug/ml
6) T n-Tetradecane (C14)	8.237	2467914	16.978 ug/ml
7) T n-Hexadecane (C16)	9.839	2443225	16.778 ug/ml
8) T n-Octadecane (C18)	11.280	2420552	16.747 ug/ml
10) T n-Eicosane (C20)	12.589	2362957	16.742 ug/ml
11) T n-Heneicosane (C21)	13.200	2319295	16.715 ug/ml
13) T n-Docosane (C22)	13.785	2325752	16.965 ug/mlm
14) T n-Tetracosane (C24)	14.885	2277443	17.236 ug/ml
15) T n-Hexacosane (C26)	15.905	2301804	18.268 ug/ml
16) T n-Octacosane (C28)	16.852	2436522	20.202 ug/ml
17) T n-Tricontane (C30)	17.737	2849726	23.951 ug/ml
18) T n-Dotriacontane (C32)	18.568	3028140	25.701 ug/ml
19) T n-Tetratriacontane (C34)	19.348	2769971	24.519 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2542682	22.420 ug/ml
21) T n-Octatriacontane (C38)	20.827	2339437	20.792 ug/ml
22) T n-Tetracontane (C40)	21.740	2158601	19.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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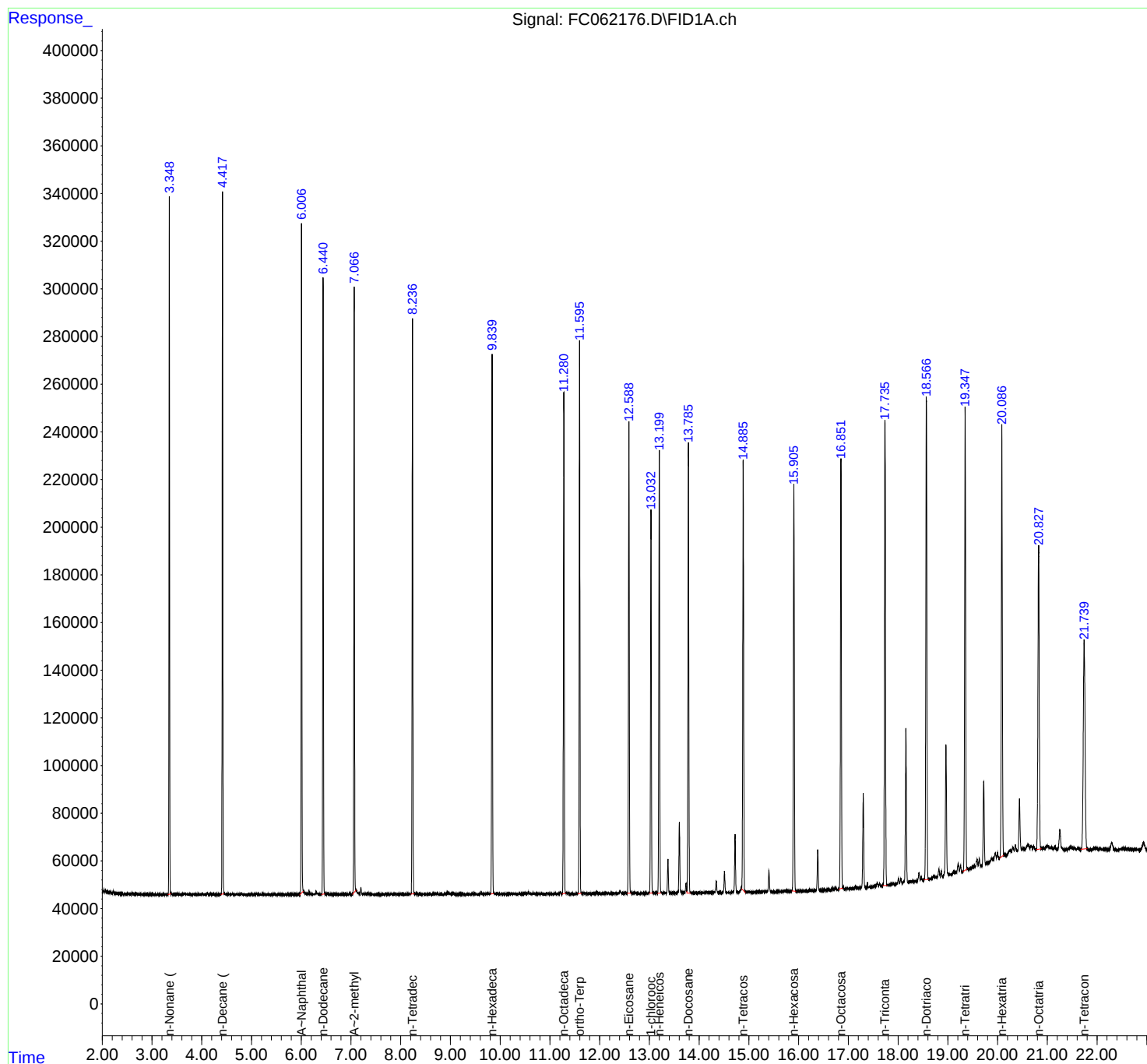
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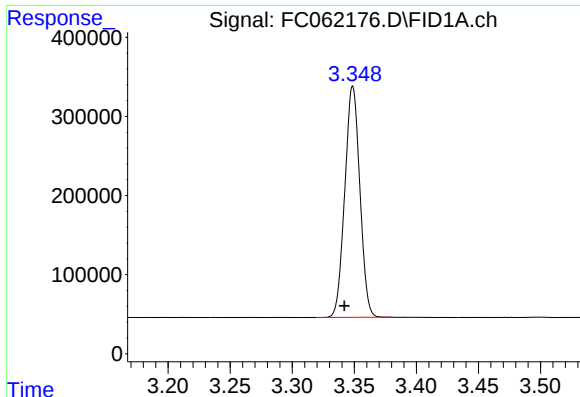
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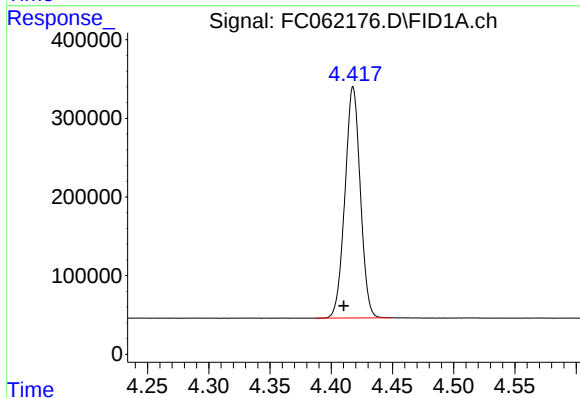
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: 0.007 min
Response: 2472618
Conc: 17.58 ug/ml

Instrument :
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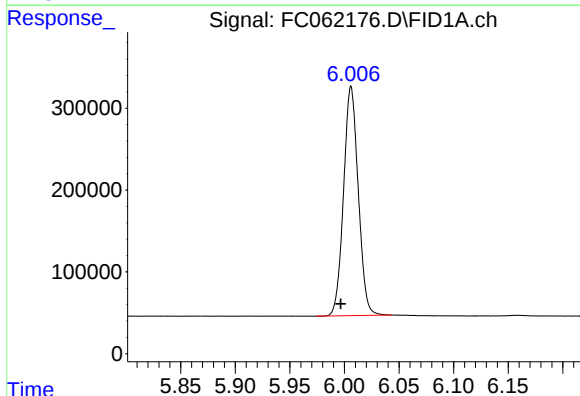
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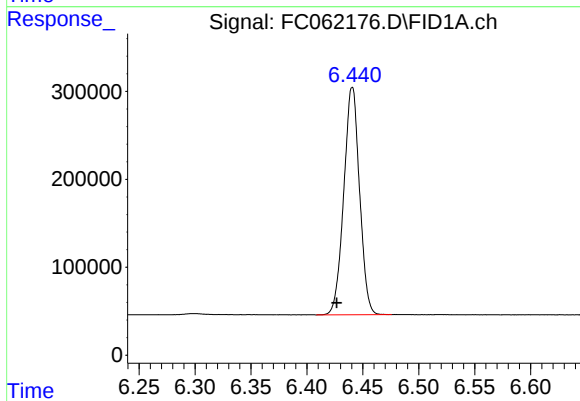
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: 0.008 min
Response: 2573394
Conc: 18.03 ug/ml



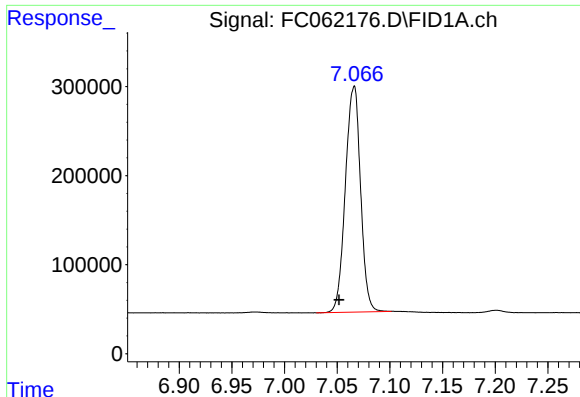
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.010 min
Response: 2623829
Conc: 17.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: 0.014 min
Response: 2543740
Conc: 17.52 ug/ml



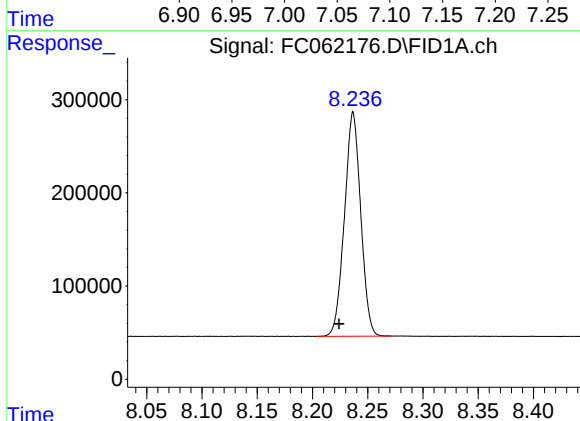
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: 0.014 min
Response: 2545415
Conc: 16.78 ug/ml

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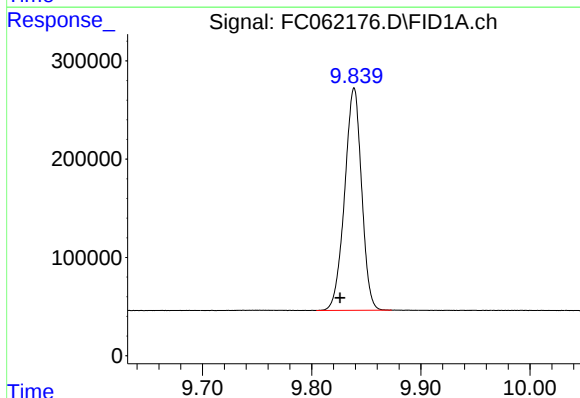
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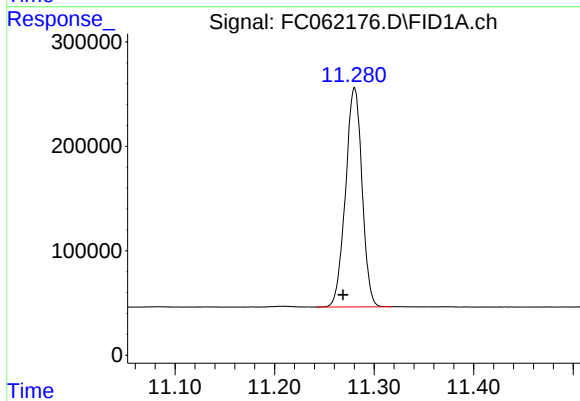
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.013 min
Response: 2467914
Conc: 16.98 ug/ml



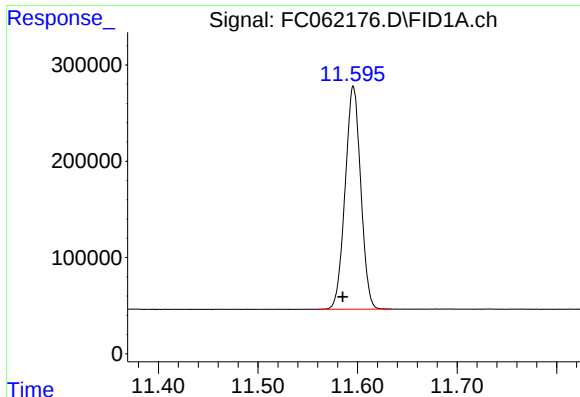
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.013 min
Response: 2443225
Conc: 16.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.012 min
Response: 2420552
Conc: 16.75 ug/ml



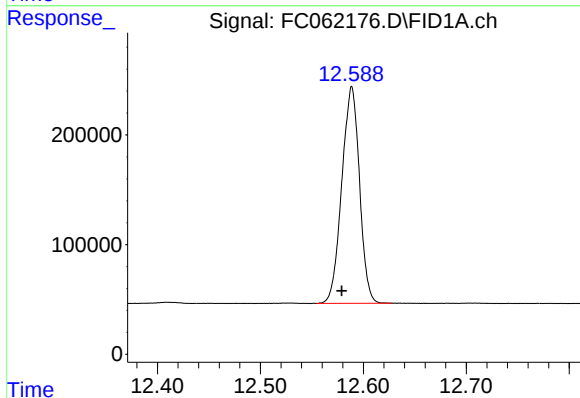
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.011 min
Response: 2527196
Conc: 17.00 ug/ml

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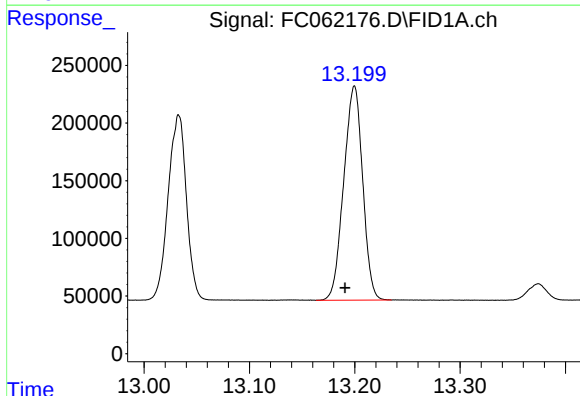
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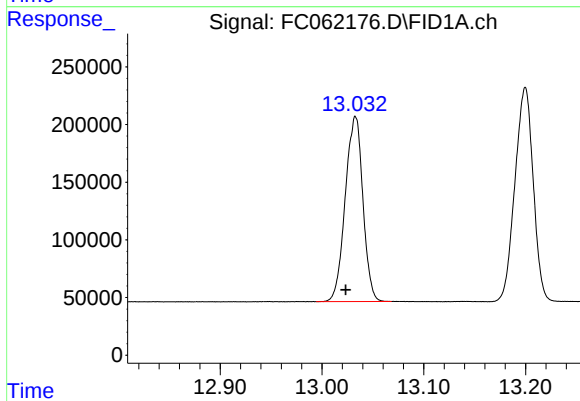
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.010 min
Response: 2362957
Conc: 16.74 ug/ml



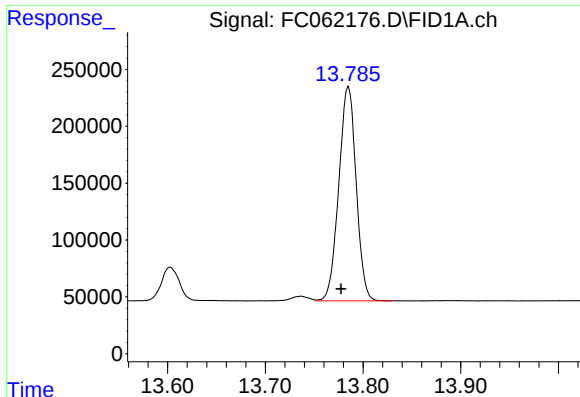
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: 0.009 min
Response: 2319295
Conc: 16.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: 0.010 min
Response: 1935860
Conc: 16.62 ug/ml



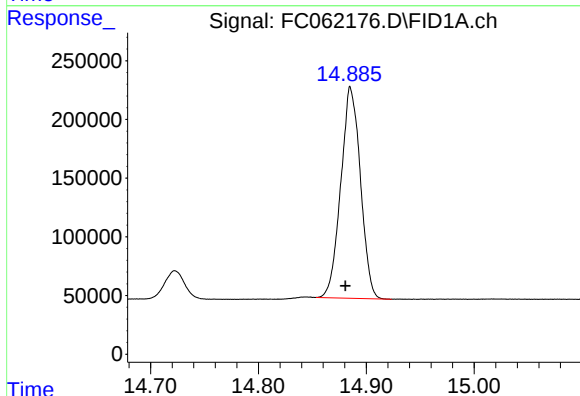
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: 0.007 min
Response: 2325752
Conc: 16.97 ug/ml

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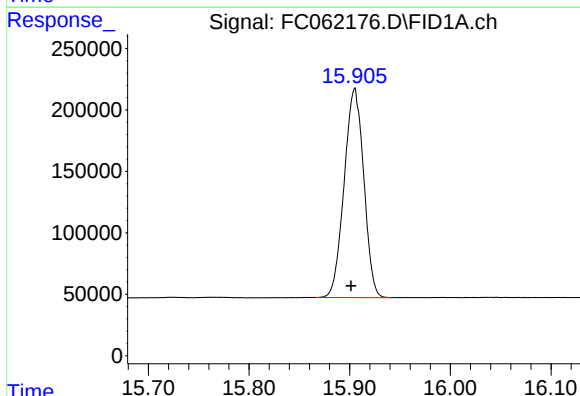
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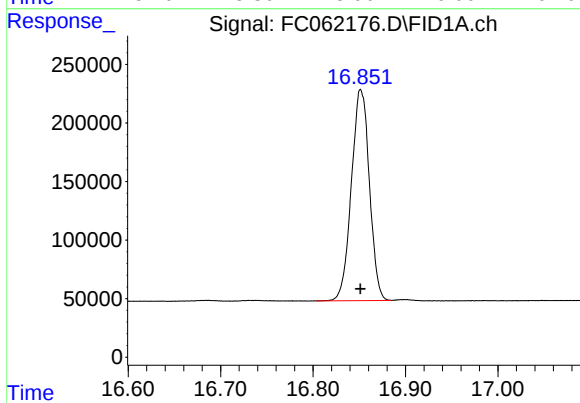
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.005 min
Response: 2277443
Conc: 17.24 ug/ml



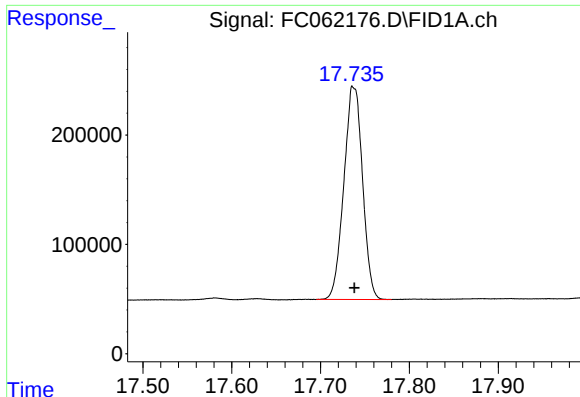
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.003 min
Response: 2301804
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: 0.000 min
Response: 2436522
Conc: 20.20 ug/ml



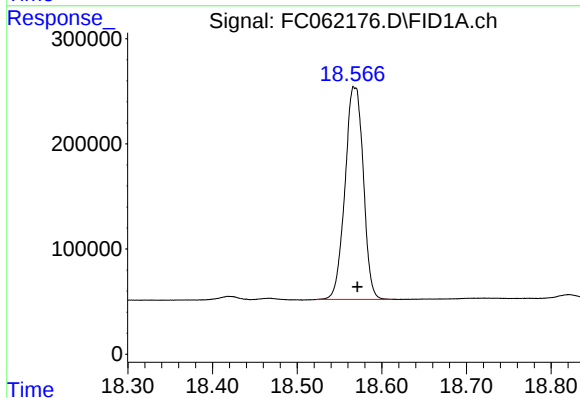
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: -0.001 min
Response: 2849726
Conc: 23.95 ug/ml

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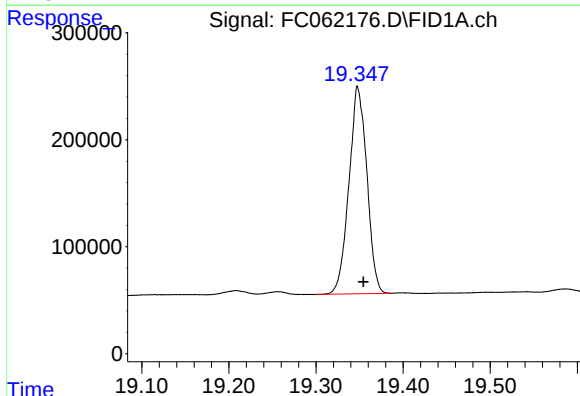
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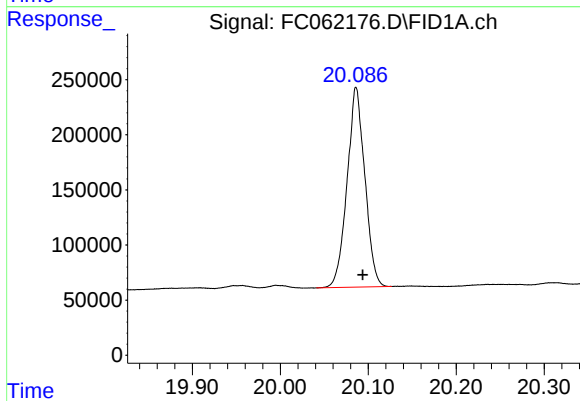
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.003 min
Response: 3028140
Conc: 25.70 ug/ml



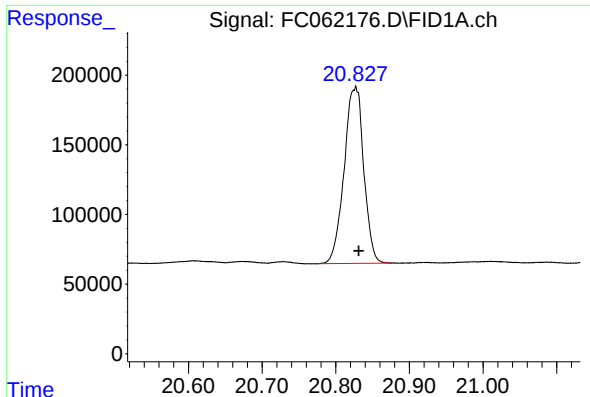
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.007 min
Response: 2769971
Conc: 24.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: -0.007 min
Response: 2542682
Conc: 22.42 ug/ml



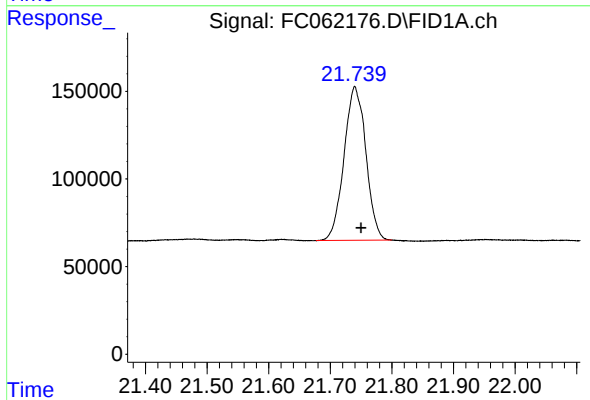
#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.004 min
Response: 2339437
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.010 min
Response: 2158601
Conc: 19.23 ug/ml