

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110822AL\
 Data File : FC062114.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2022 21:20
 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 09 03:47:39 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)	11.594	2663636	17.920 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
12) S 1-chlorooctadecane (S...	13.028	2061877	17.698 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
Target Compounds			
1) T n-Nonane (C9)	3.354	2669707	18.980 ug/ml
2) T n-Decane (C10)	4.420	2777480	19.457 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2815710	18.242 ug/ml
4) T n-Dodecane (C12)	6.440	2781650	19.161 ug/ml
5) T A~2-methylnaphthalene...	7.064	2732621	18.014 ug/ml
6) T n-Tetradecane (C14)	8.235	2719783	18.710 ug/ml
7) T n-Hexadecane (C16)	9.835	2676026	18.376 ug/ml
8) T n-Octadecane (C18)	11.276	2621414	18.136 ug/ml
10) T n-Eicosane (C20)	12.584	2531673	17.938 ug/ml
11) T n-Heneicosane (C21)	13.196	2473938	17.829 ug/ml
13) T n-Docosane (C22)	13.779	2468664	18.007 ug/mlm
14) T n-Tetracosane (C24)	14.883	2404796	18.200 ug/ml
15) T n-Hexacosane (C26)	15.900	2406635	19.099 ug/ml
16) T n-Octacosane (C28)	16.848	2497641	20.709 ug/ml
17) T n-Tricontane (C30)	17.735	2847683	23.934 ug/ml
18) T n-Dotriacontane (C32)	18.565	3008354	25.533 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2770479	24.523 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2551553	22.499 ug/ml
21) T n-Octatriacontane (C38)	20.819	2391667	21.256 ug/ml
22) T n-Tetracontane (C40)	21.734	2224633	19.815 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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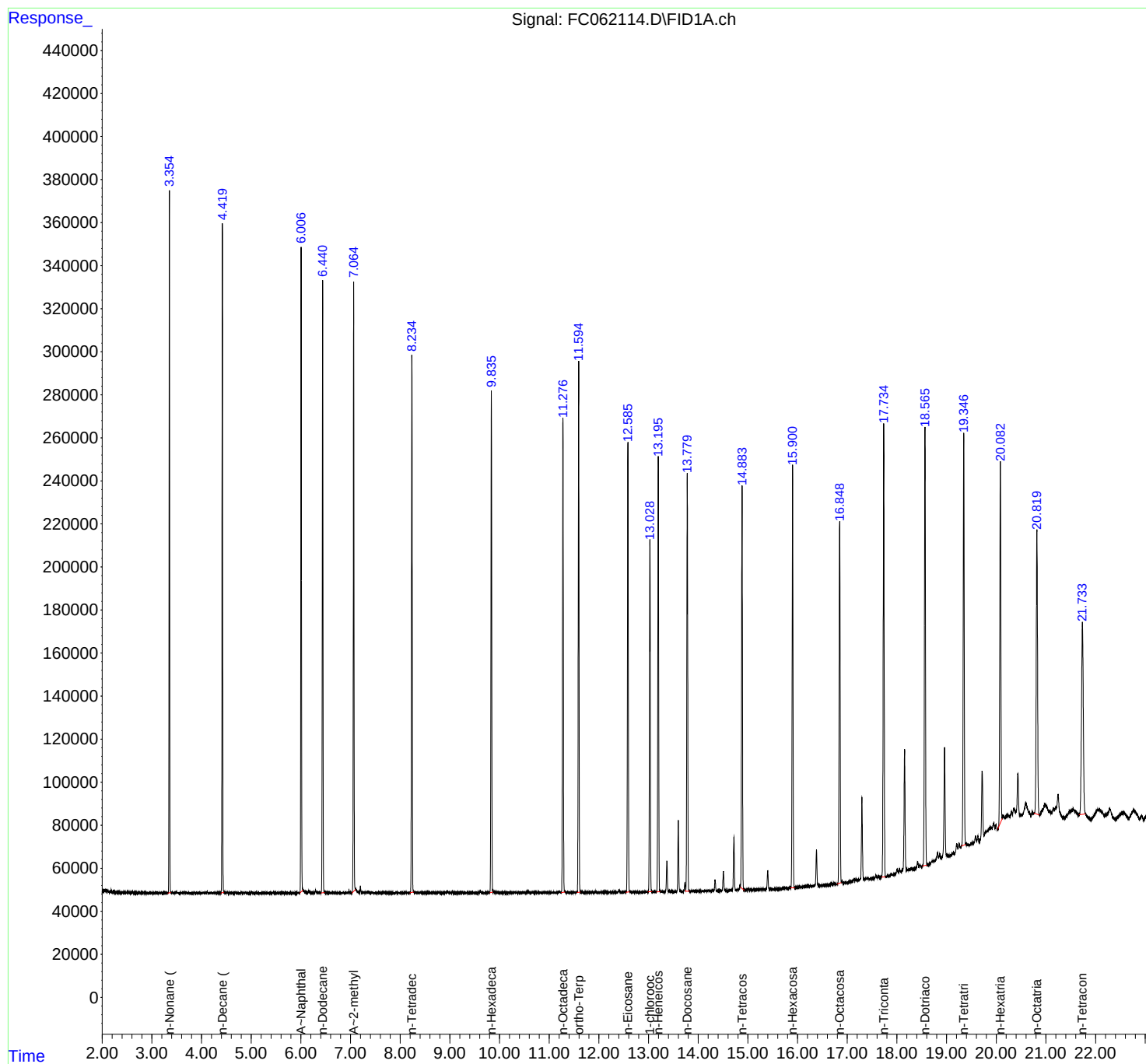
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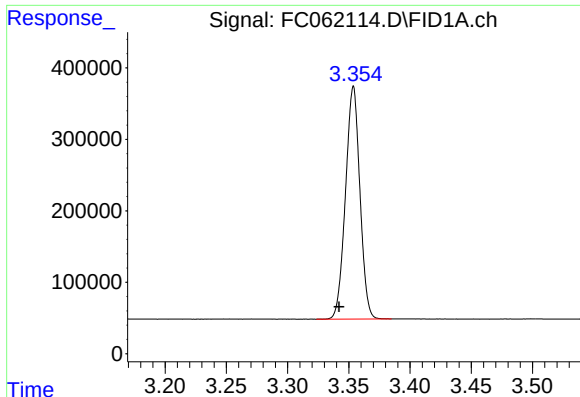
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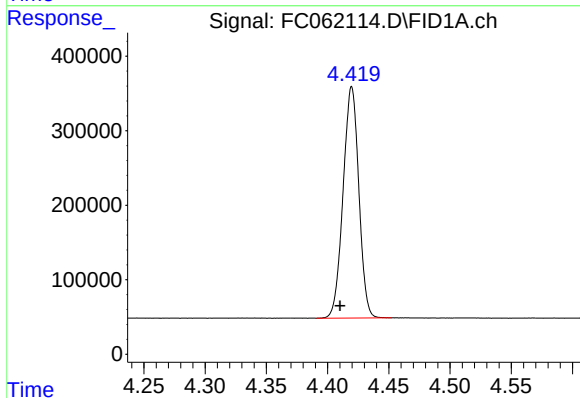
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: 0.012 min
Response: 2669707
Conc: 18.98 ug/ml

Instrument :
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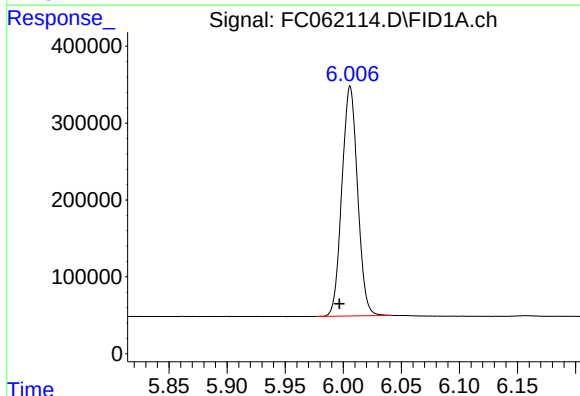
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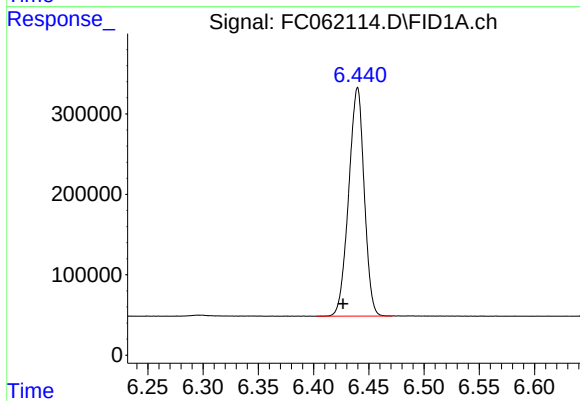
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: 0.010 min
Response: 2777480
Conc: 19.46 ug/ml



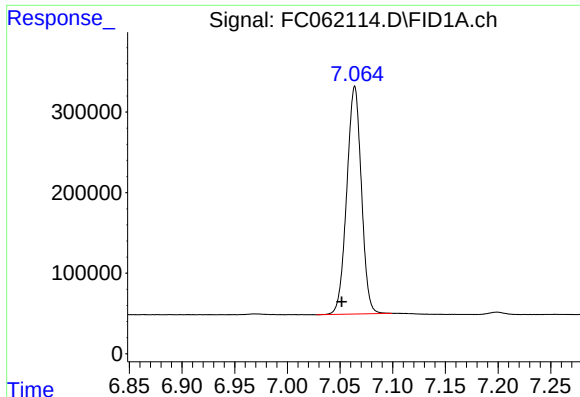
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.009 min
Response: 2815710
Conc: 18.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 2781650
Conc: 19.16 ug/ml



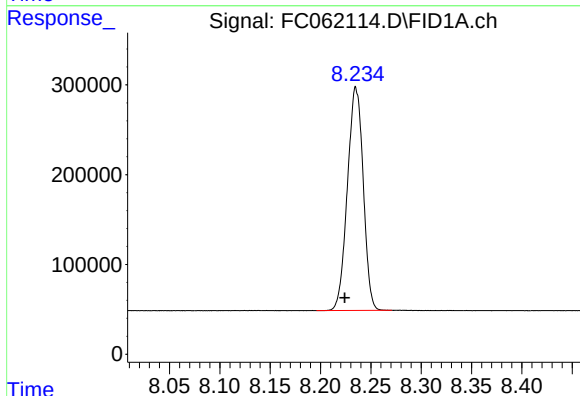
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: 0.012 min
Response: 2732621
Conc: 18.01 ug/ml

Instrument :
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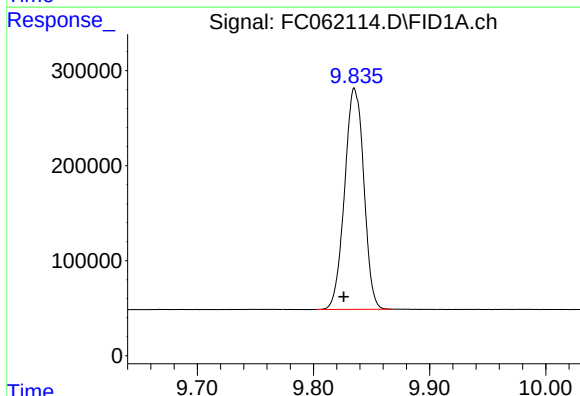
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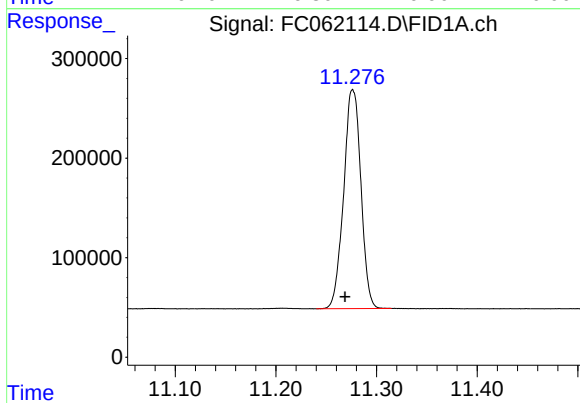
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 2719783
Conc: 18.71 ug/ml



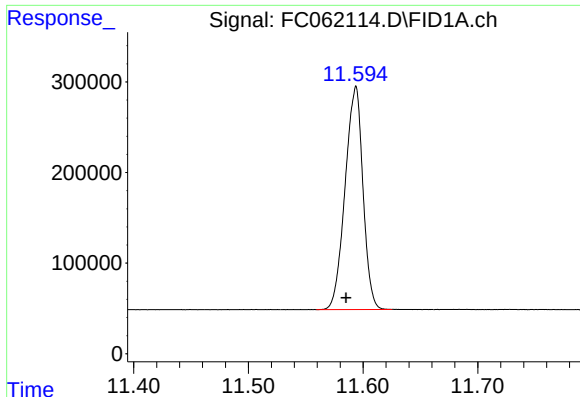
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: 0.009 min
Response: 2676026
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: 0.008 min
Response: 2621414
Conc: 18.14 ug/ml



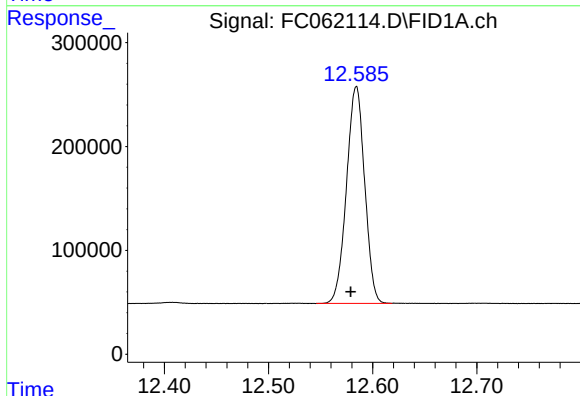
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: 0.009 min
Response: 2663636
Conc: 17.92 ug/ml

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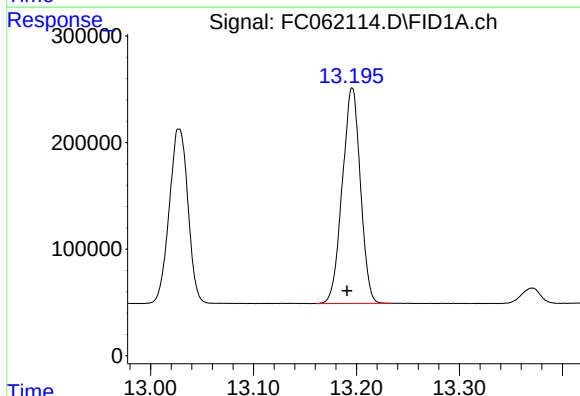
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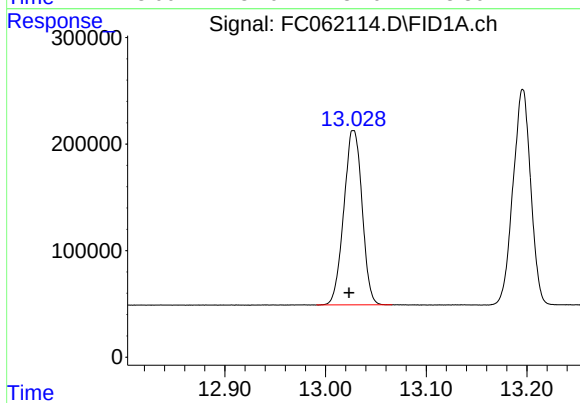
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.005 min
Response: 2531673
Conc: 17.94 ug/ml



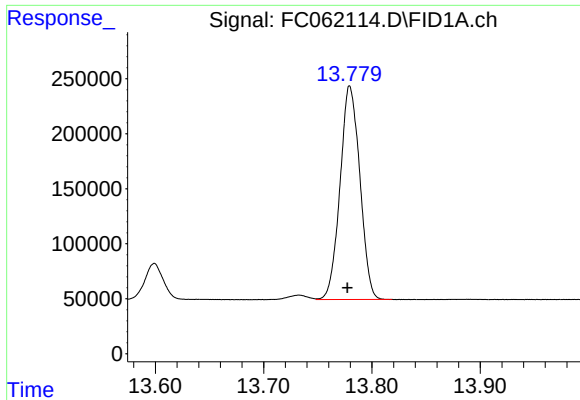
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.005 min
Response: 2473938
Conc: 17.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.028 min
Delta R.T.: 0.004 min
Response: 2061877
Conc: 17.70 ug/ml



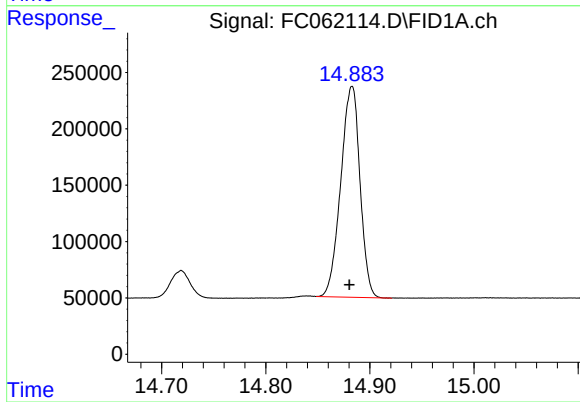
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: 0.002 min
Response: 2468664
Conc: 18.01 ug/ml

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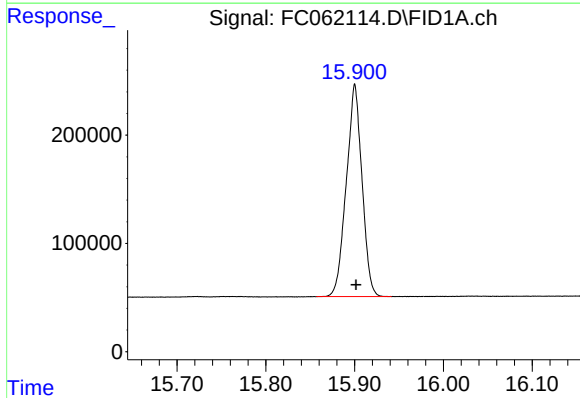
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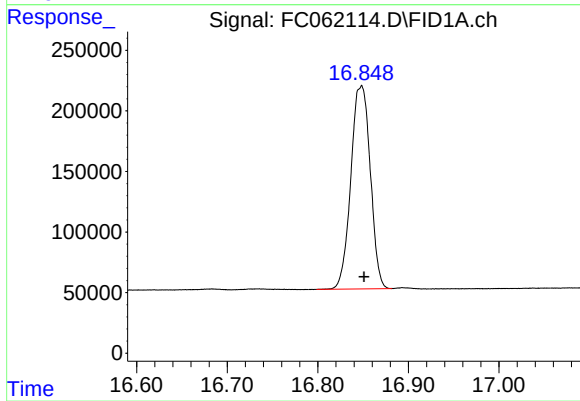
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.002 min
Response: 2404796
Conc: 18.20 ug/ml



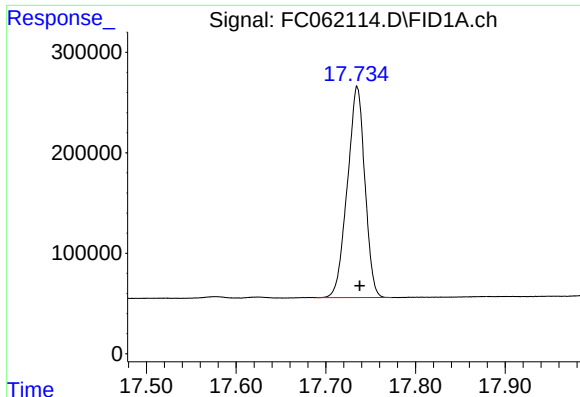
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.001 min
Response: 2406635
Conc: 19.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.003 min
Response: 2497641
Conc: 20.71 ug/ml



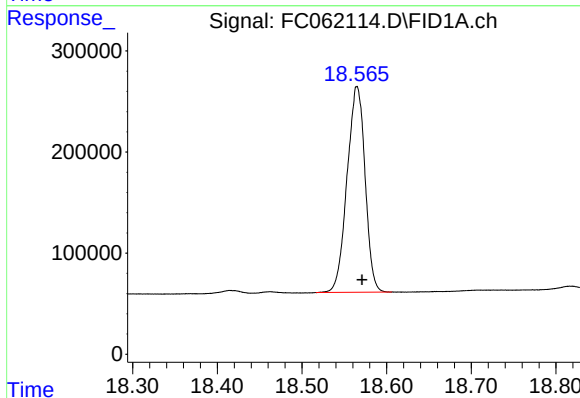
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: -0.003 min
Response: 2847683
Conc: 23.93 ug/ml

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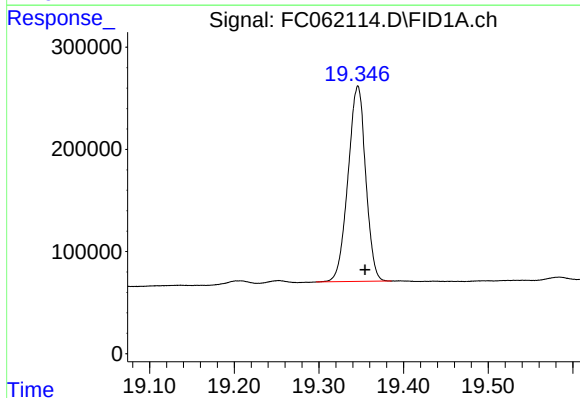
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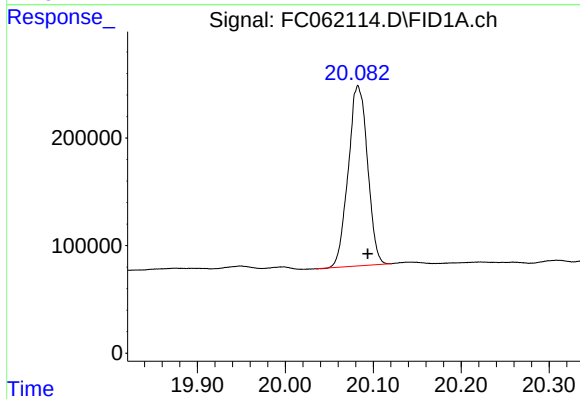
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 3008354
Conc: 25.53 ug/ml



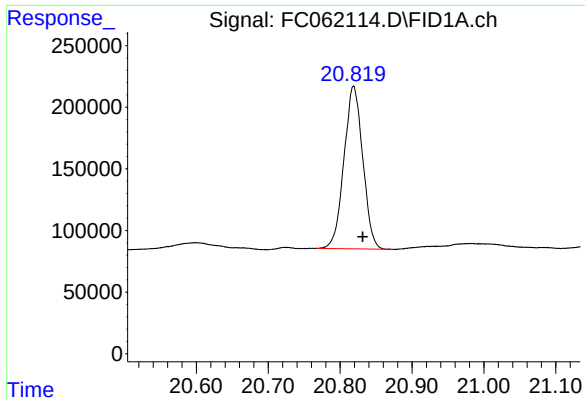
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.008 min
Response: 2770479
Conc: 24.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.011 min
Response: 2551553
Conc: 22.50 ug/ml



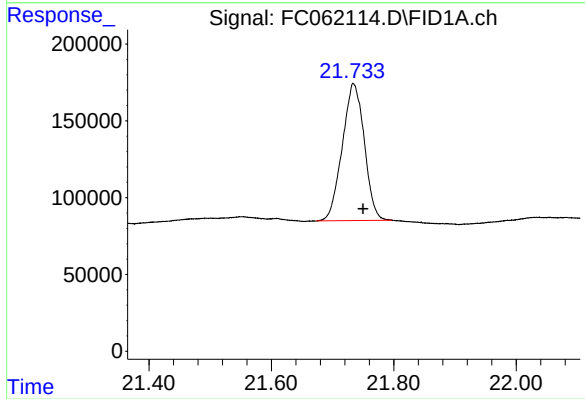
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.013 min
Response: 2391667
Conc: 21.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.016 min
Response: 2224633
Conc: 19.82 ug/ml