

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110822AL\
 Data File : FC062106.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2022 12:55
 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 03:46:42 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)	11.593	2665057	17.929 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
12) S 1-chlorooctadecane (S...	13.029	2043682	17.542 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
Target Compounds			
1) T n-Nonane (C9)	3.352	2628979	18.690 ug/ml
2) T n-Decane (C10)	4.419	2731612	19.136 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2778324	18.000 ug/ml
4) T n-Dodecane (C12)	6.439	2742166	18.889 ug/ml
5) T A~2-methylnaphthalene...	7.064	2696335	17.775 ug/ml
6) T n-Tetradecane (C14)	8.236	2693328	18.528 ug/ml
7) T n-Hexadecane (C16)	9.836	2665672	18.305 ug/ml
8) T n-Octadecane (C18)	11.276	2611099	18.065 ug/ml
10) T n-Eicosane (C20)	12.586	2524133	17.884 ug/ml
11) T n-Heneicosane (C21)	13.197	2469841	17.800 ug/ml
13) T n-Docosane (C22)	13.781	2456855	17.921 ug/mlm
14) T n-Tetracosane (C24)	14.884	2398720	18.154 ug/ml
15) T n-Hexacosane (C26)	15.902	2399934	19.046 ug/ml
16) T n-Octacosane (C28)	16.849	2474671	20.519 ug/ml
17) T n-Tricontane (C30)	17.734	2795037	23.491 ug/ml
18) T n-Dotriacontane (C32)	18.564	2921863	24.799 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2674707	23.675 ug/ml
20) T n-Hexatriacontane (C36)	20.082	2485575	21.917 ug/ml
21) T n-Octatriacontane (C38)	20.820	2318871	20.609 ug/ml
22) T n-Tetracontane (C40)	21.734	2171627	19.343 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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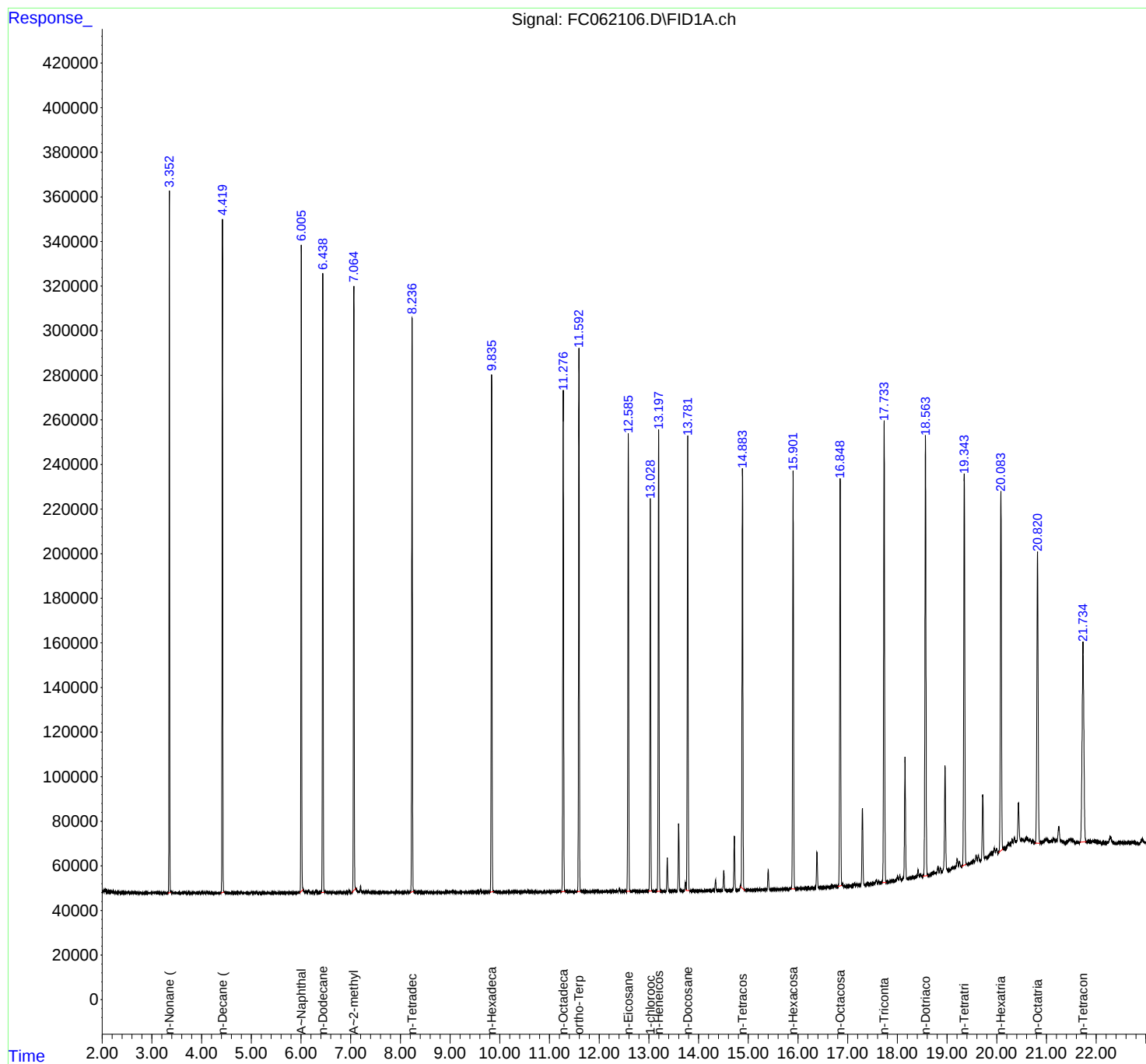
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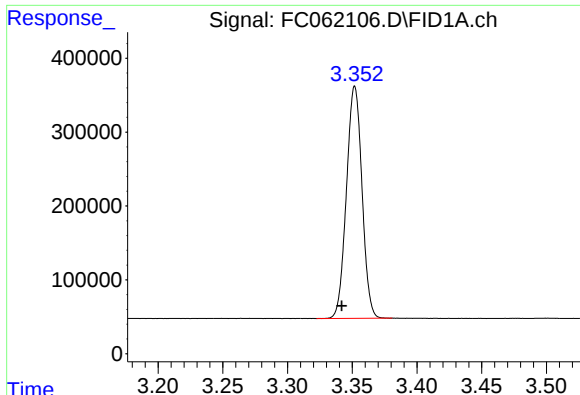
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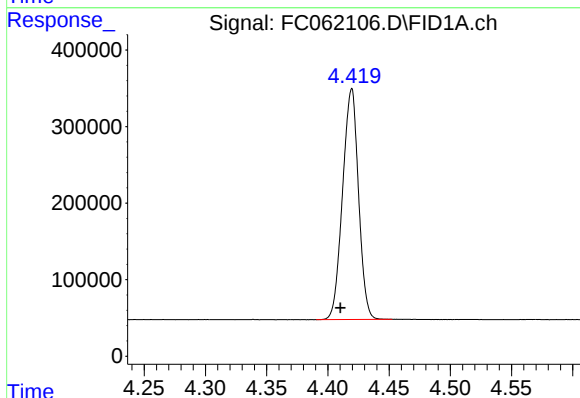
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.010 min
Response: 2628979
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
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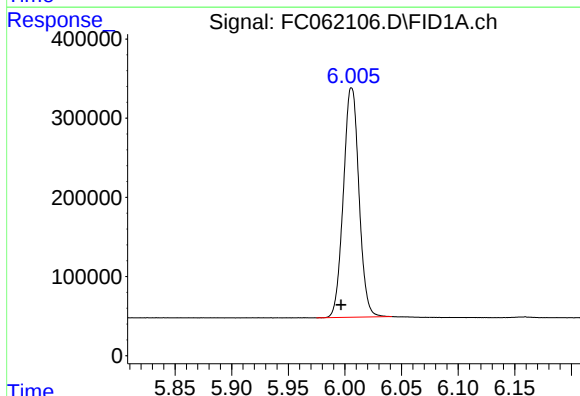
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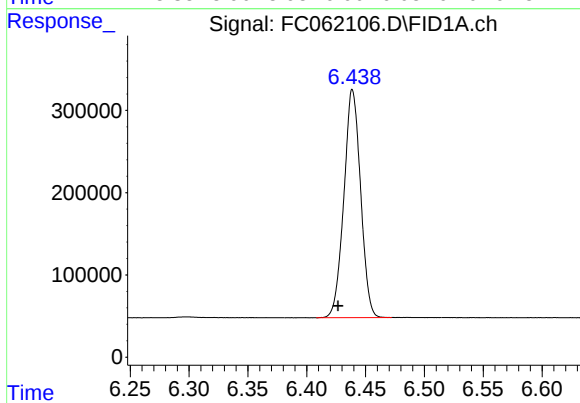
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.009 min
Response: 2731612
Conc: 19.14 ug/ml



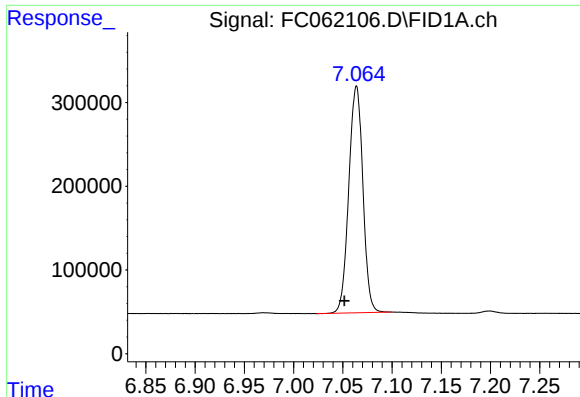
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.009 min
Response: 2778324
Conc: 18.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.439 min
Delta R.T.: 0.012 min
Response: 2742166
Conc: 18.89 ug/ml



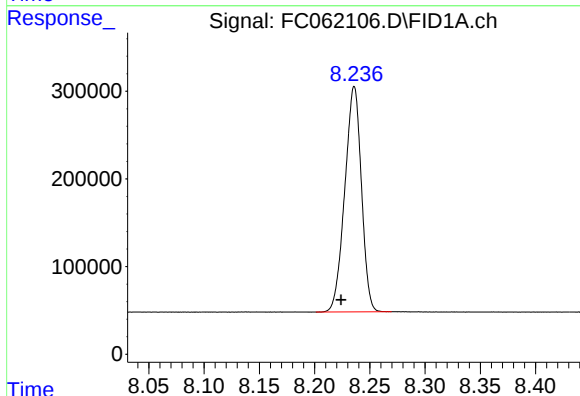
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: 0.012 min
Response: 2696335
Conc: 17.77 ug/ml

Instrument :
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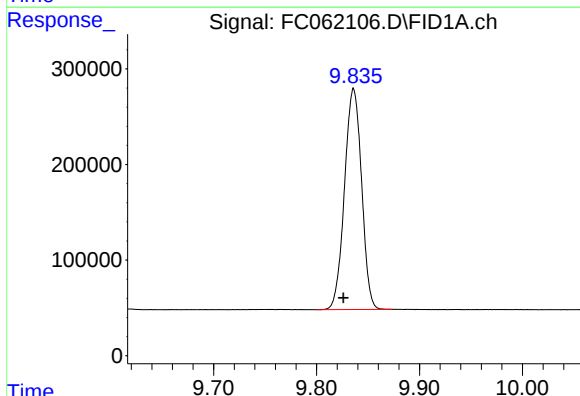
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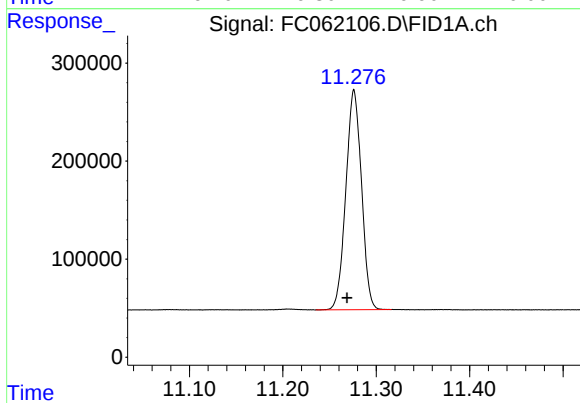
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: 0.012 min
Response: 2693328
Conc: 18.53 ug/ml



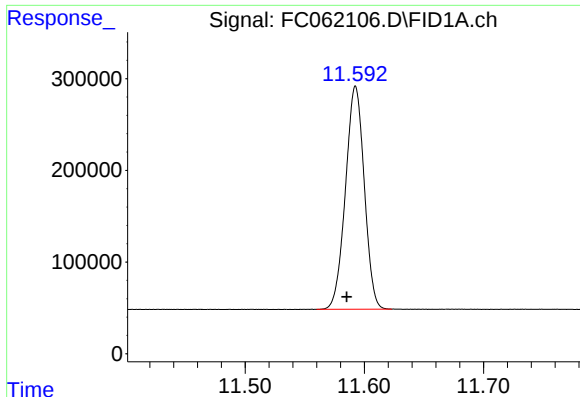
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: 0.010 min
Response: 2665672
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: 0.007 min
Response: 2611099
Conc: 18.06 ug/ml



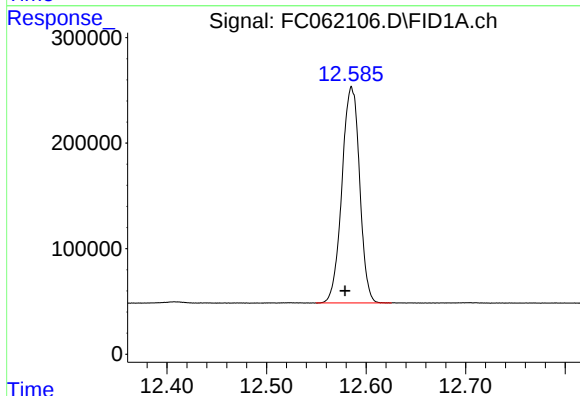
#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: 0.008 min
Response: 2665057
Conc: 17.93 ug/ml

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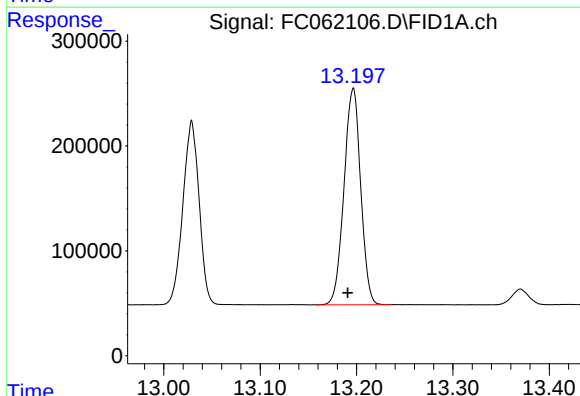
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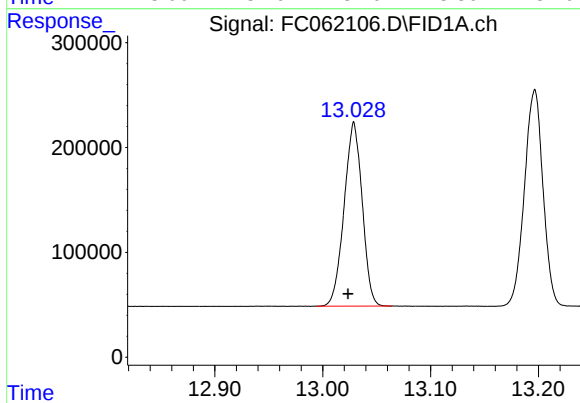
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.007 min
Response: 2524133
Conc: 17.88 ug/ml



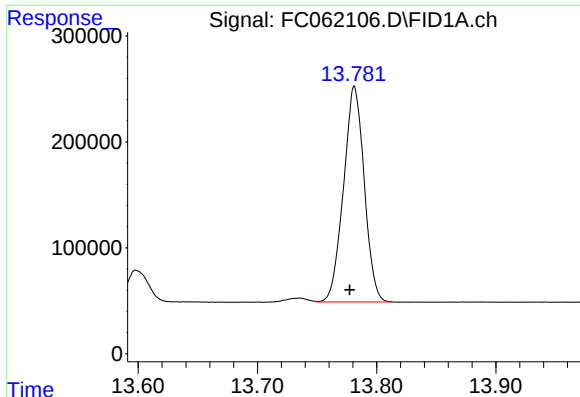
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.006 min
Response: 2469841
Conc: 17.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: 0.005 min
Response: 2043682
Conc: 17.54 ug/ml



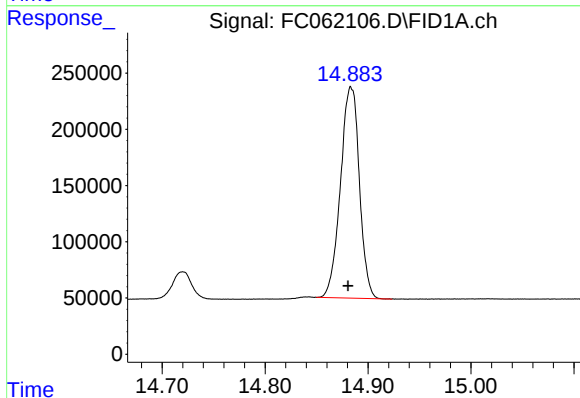
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.004 min
Response: 2456855
Conc: 17.92 ug/ml

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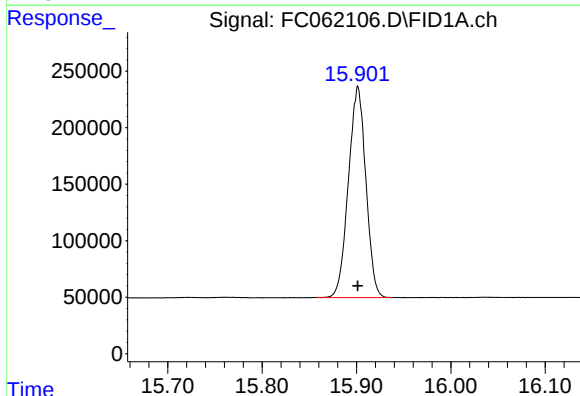
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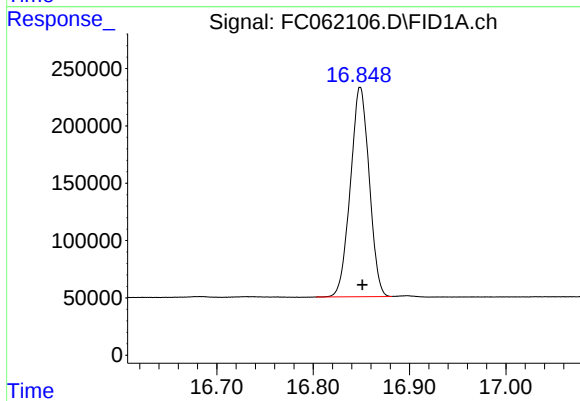
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.003 min
Response: 2398720
Conc: 18.15 ug/ml



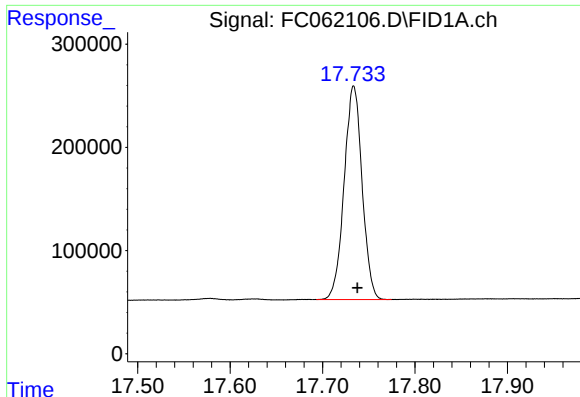
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: 0.000 min
Response: 2399934
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 2474671
Conc: 20.52 ug/ml



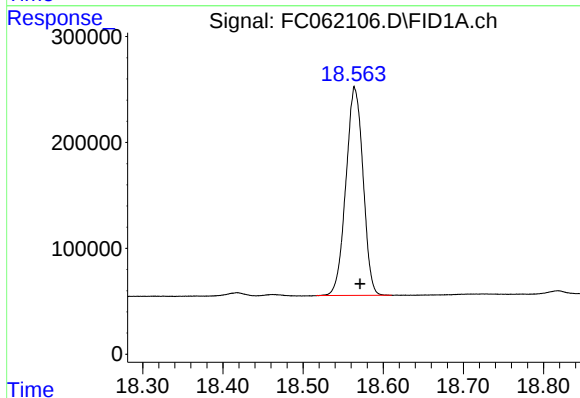
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2795037
Conc: 23.49 ug/ml

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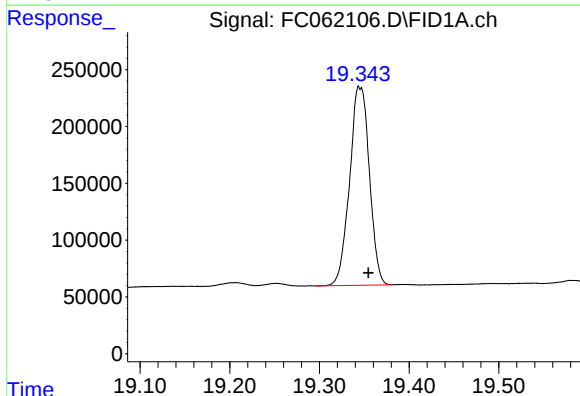
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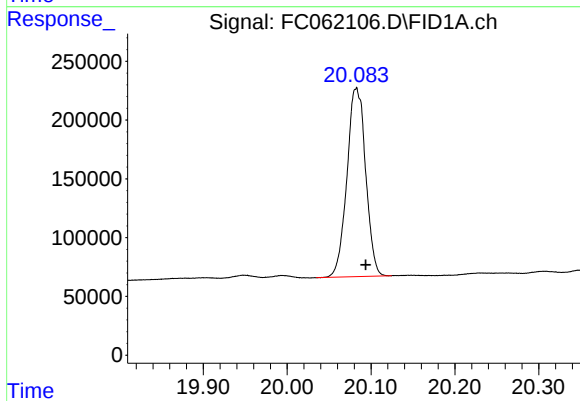
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2921863
Conc: 24.80 ug/ml



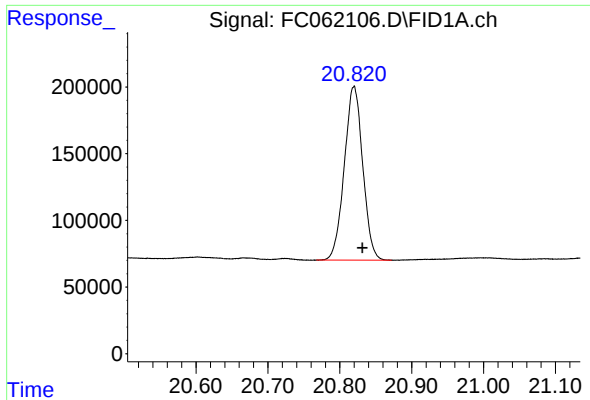
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.010 min
Response: 2674707
Conc: 23.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.011 min
Response: 2485575
Conc: 21.92 ug/ml



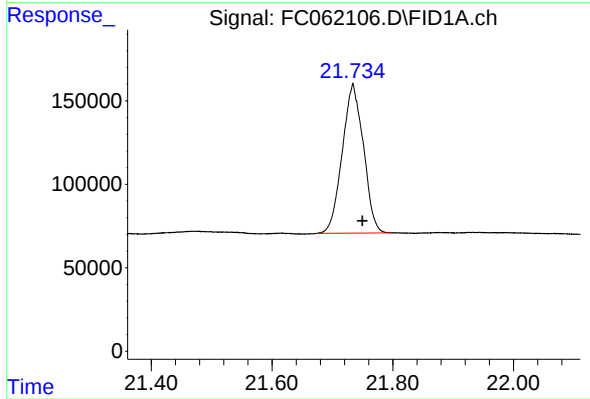
#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.012 min
Response: 2318871
Conc: 20.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.016 min
Response: 2171627
Conc: 19.34 ug/ml