

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062723AL\
 Data File : FG012307.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2023 14:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e
 Quant Time: Jun 28 00:15:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 2023
 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)	10.892	2882433	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	12.331	2149525	19.084 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	2.740	2226030	18.796 ug/ml
2) T n-Decane (C10)	3.748	2265032	18.604 ug/ml
3) T A~Naphthalene (C11.7)	5.313	2571063	18.761 ug/ml
4) T n-Dodecane (C12)	5.738	2293341	18.353 ug/ml
5) T A~2-methylnaphthalene...	6.363	2443797	18.692 ug/ml
6) T n-Tetradecane (C14)	7.531	2299152	18.352 ug/ml
7) T n-Hexadecane (C16)	9.132	2431945	18.445 ug/ml
8) T n-Octadecane (C18)	10.575	2525695	18.569 ug/ml
10) T n-Eicosane (C20)	11.885	2475547	18.834 ug/ml
11) T n-Heneicosane (C21)	12.498	2442072	19.043 ug/ml
13) T n-Docosane (C22)	13.084	2427642	19.125 ug/ml
14) T n-Tetracosane (C24)	14.188	2492978	18.731 ug/ml
15) T n-Hexacosane (C26)	15.211	2317027	18.897 ug/ml
16) T n-Octacosane (C28)	16.161	2240415	18.523 ug/ml
17) T n-Tricontane (C30)	17.050	2253735	18.114 ug/ml
18) T n-Dotriacontane (C32)	17.883	2221686	17.927 ug/ml
19) T n-Tetratriacontane (C34)	18.667	2186134	18.278 ug/ml
20) T n-Hexatriacontane (C36)	19.408	2124432	18.434 ug/mlm
21) T n-Octatriacontane (C38)	20.144	2095870	18.339 ug/ml
22) T n-Tetracontane (C40)	21.052	2073935	18.325 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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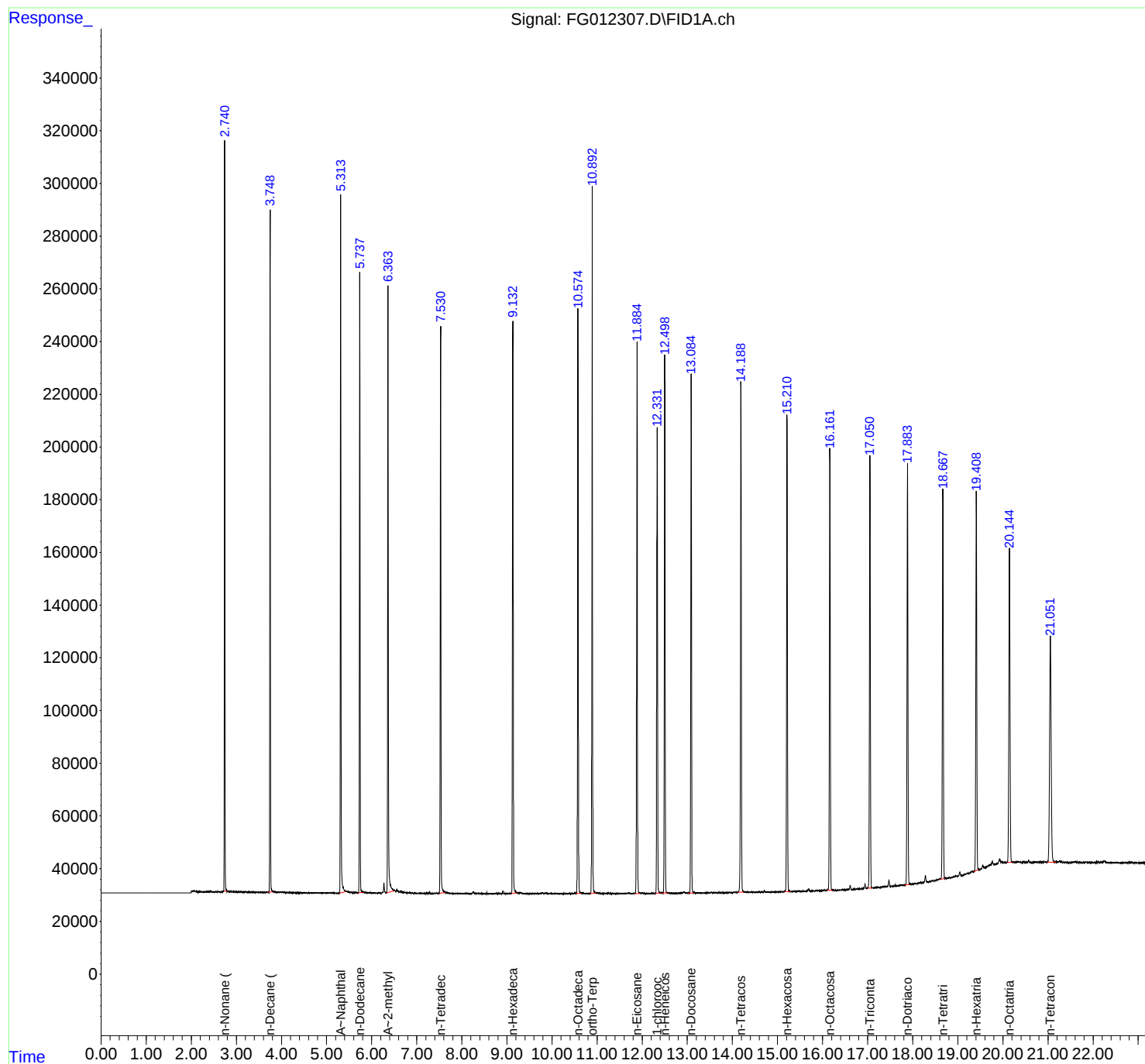
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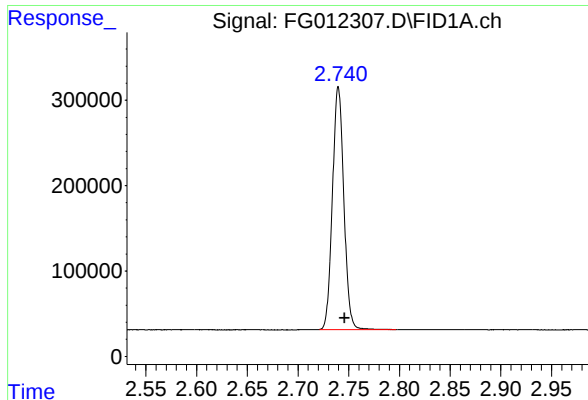
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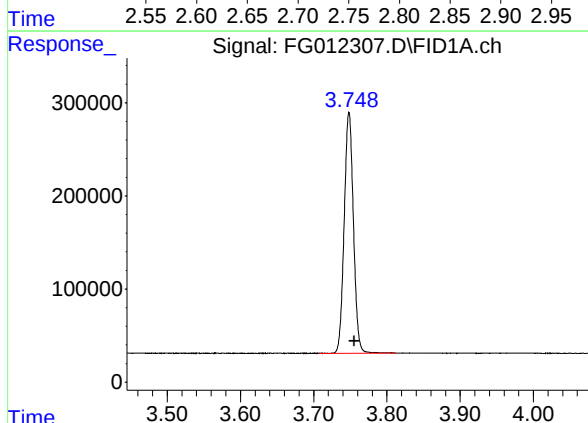
#1 n-Nonane (C9)

R.T.: 2.740 min
Delta R.T.: -0.006 min
Response: 2226030
Conc: 18.80 ug/ml

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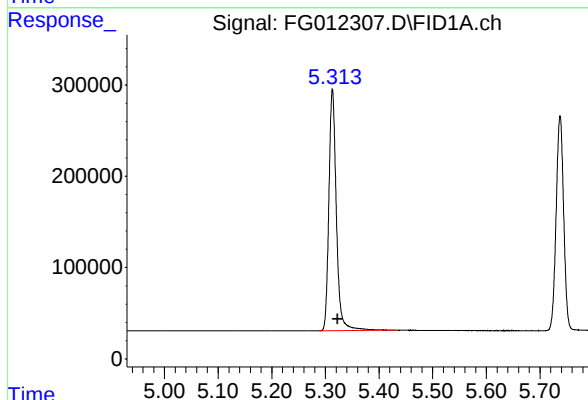
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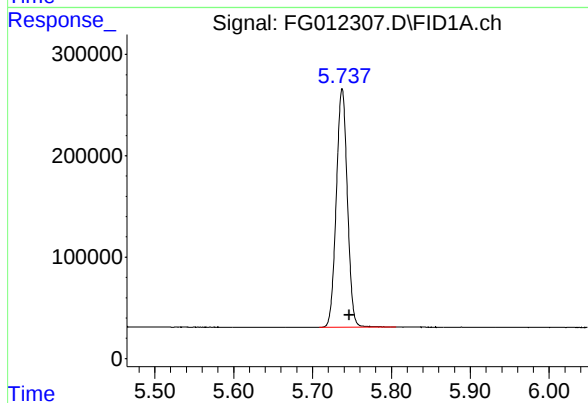
#2 n-Decane (C10)

R.T.: 3.748 min
Delta R.T.: -0.007 min
Response: 2265032
Conc: 18.60 ug/ml



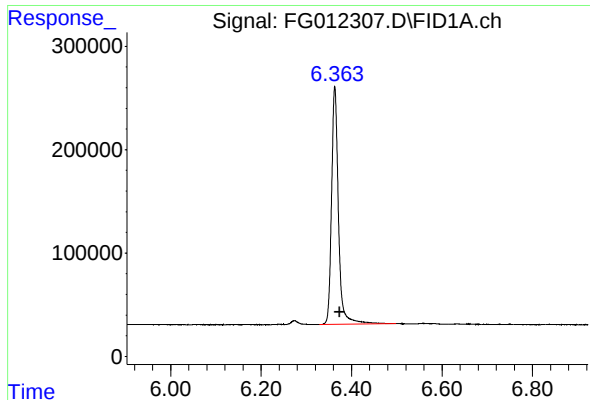
#3 A~Naphthalene (C11.7)

R.T.: 5.313 min
Delta R.T.: -0.010 min
Response: 2571063
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.738 min
Delta R.T.: -0.009 min
Response: 2293341
Conc: 18.35 ug/ml



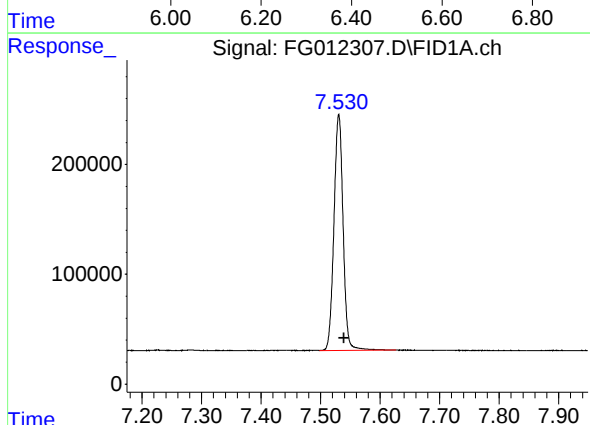
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.363 min
Delta R.T.: -0.010 min
Response: 2443797
Conc: 18.69 ug/ml

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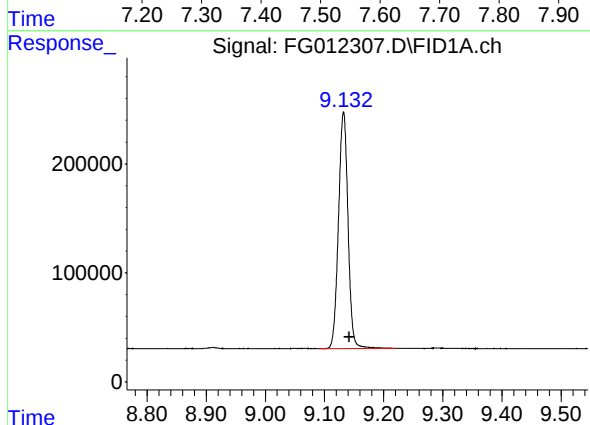
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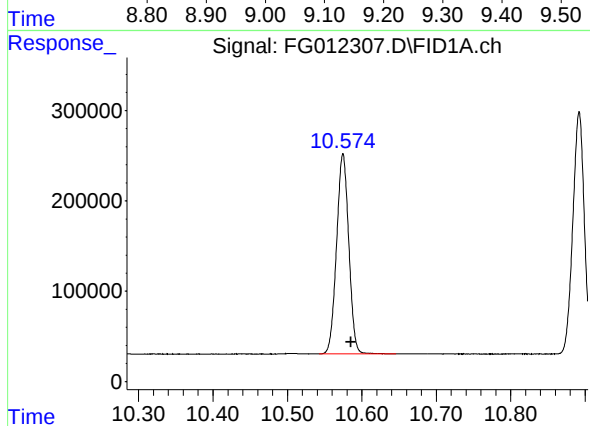
#6 n-Tetradecane (C14)

R.T.: 7.531 min
Delta R.T.: -0.009 min
Response: 2299152
Conc: 18.35 ug/ml



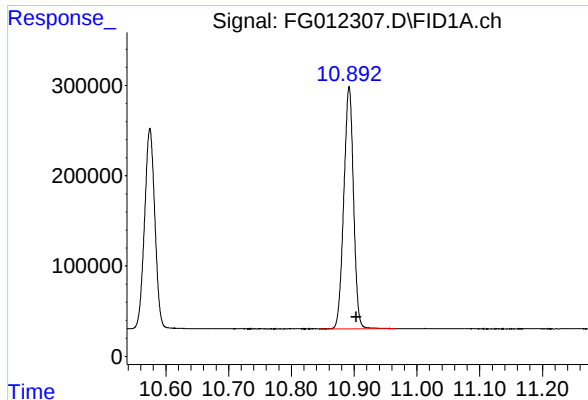
#7 n-Hexadecane (C16)

R.T.: 9.132 min
Delta R.T.: -0.010 min
Response: 2431945
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.575 min
Delta R.T.: -0.011 min
Response: 2525695
Conc: 18.57 ug/ml



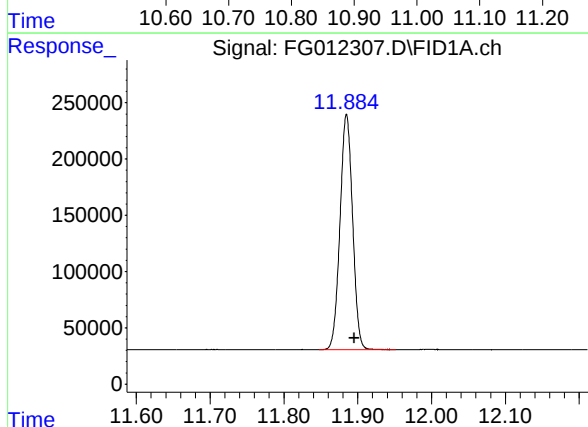
#9 ortho-Terphenyl (SURR)

R.T.: 10.892 min
Delta R.T.: -0.011 min
Response: 2882433
Conc: 19.05 ug/ml

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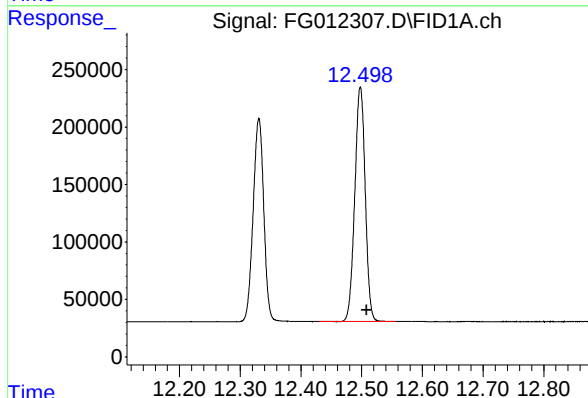
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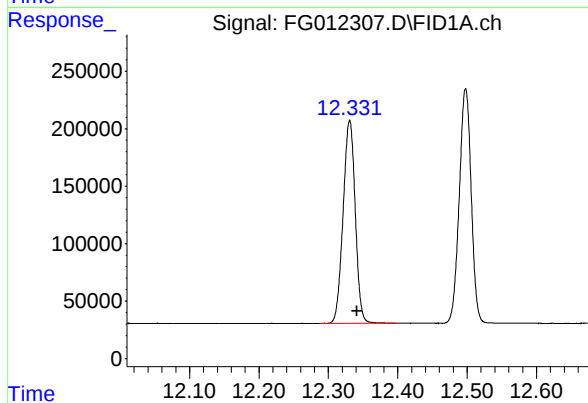
#10 n-Eicosane (C20)

R.T.: 11.885 min
Delta R.T.: -0.010 min
Response: 2475547
Conc: 18.83 ug/ml



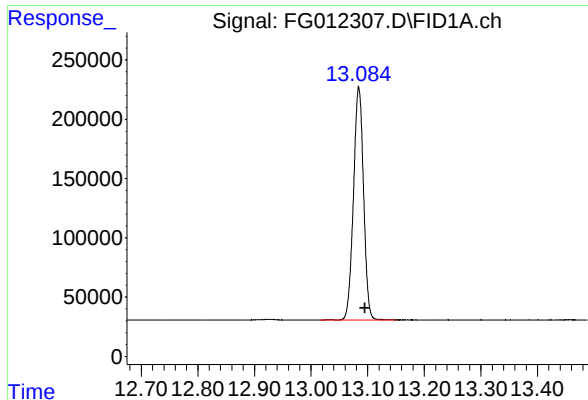
#11 n-Heneicosane (C21)

R.T.: 12.498 min
Delta R.T.: -0.011 min
Response: 2442072
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.331 min
Delta R.T.: -0.010 min
Response: 2149525
Conc: 19.08 ug/ml



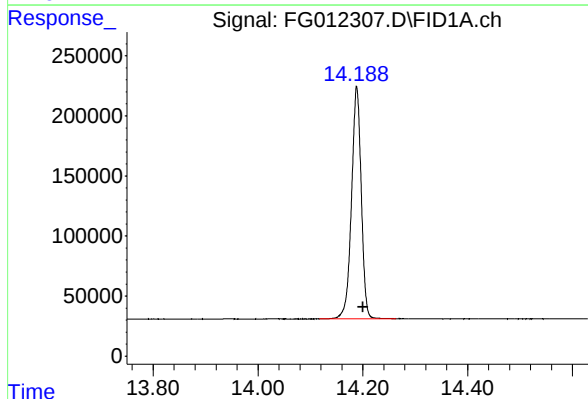
#13 n-Docosane (C22)

R.T.: 13.084 min
Delta R.T.: -0.011 min
Response: 2427642
Conc: 19.12 ug/ml

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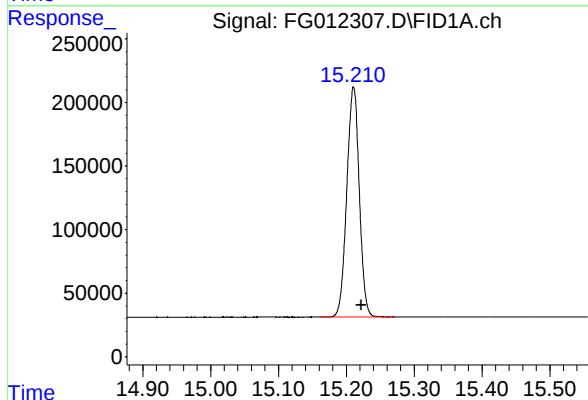
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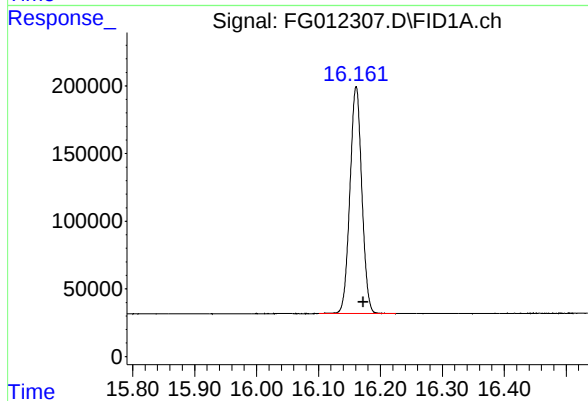
#14 n-Tetracosane (C24)

R.T.: 14.188 min
Delta R.T.: -0.012 min
Response: 2492978
Conc: 18.73 ug/ml



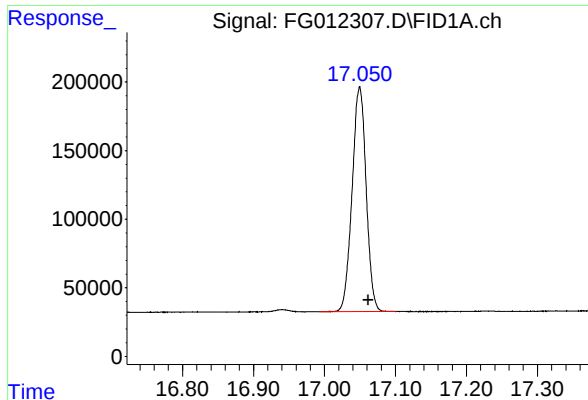
#15 n-Hexacosane (C26)

R.T.: 15.211 min
Delta R.T.: -0.011 min
Response: 2317027
Conc: 18.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.161 min
Delta R.T.: -0.012 min
Response: 2240415
Conc: 18.52 ug/ml



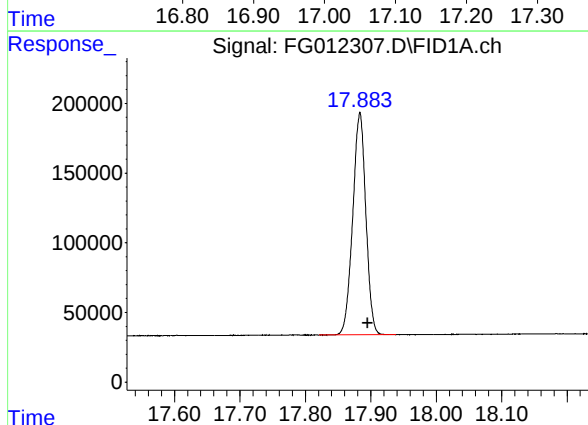
#17 n-Tricontane (C30)

R.T.: 17.050 min
Delta R.T.: -0.012 min
Response: 2253735
Conc: 18.11 ug/ml

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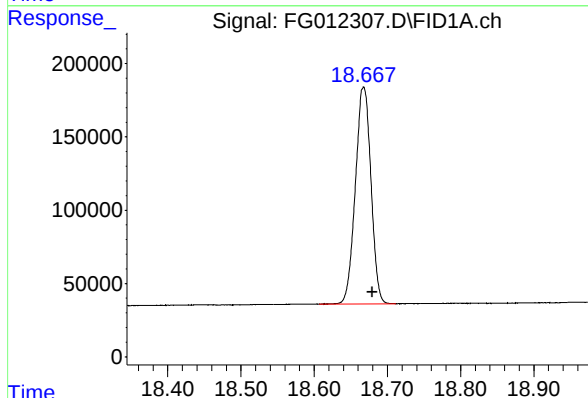
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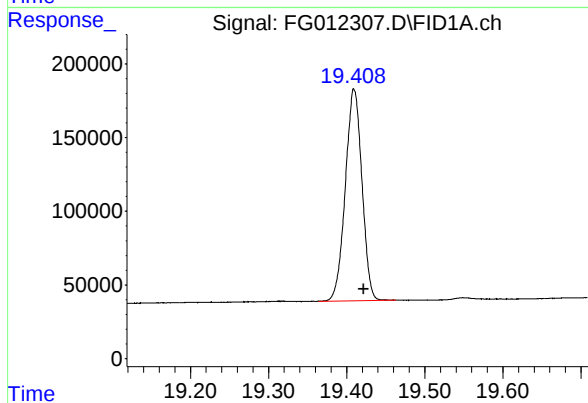
#18 n-Dotriacontane (C32)

R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 2221686
Conc: 17.93 ug/ml



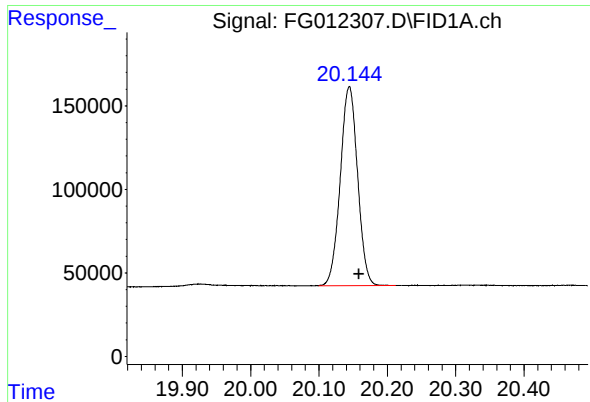
#19 n-Tetratriacontane (C34)

R.T.: 18.667 min
Delta R.T.: -0.012 min
Response: 2186134
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.408 min
Delta R.T.: -0.013 min
Response: 2124432
Conc: 18.43 ug/ml m



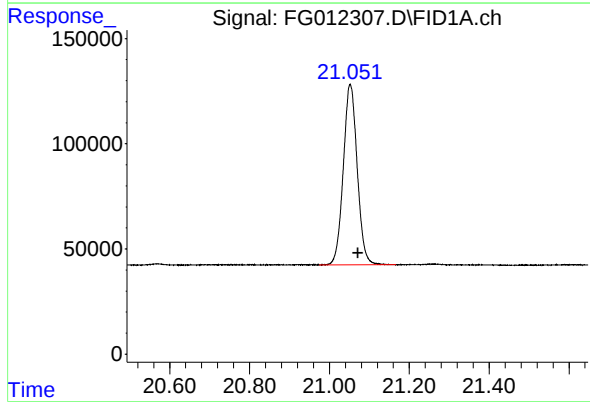
#21 n-Octatriacontane (C38)

R.T.: 20.144 min
Delta R.T.: -0.014 min
Response: 2095870
Conc: 18.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.052 min
Delta R.T.: -0.020 min
Response: 2073935
Conc: 18.32 ug/ml