

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081722AL\
 Data File : FC061165.D
 Signal(s) : FID1A.ch
 Acq On : 17 Aug 2022 14:05
 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 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 18 00:24:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.632	2810373	17.125 ug/ml
Spiked Amount 50.000		Recovery =	34.25%
12) S 1-chlorooctadecane (S...	11.993	2290586	17.254 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	2.633	2500369	17.753 ug/ml
2) T n-Decane (C10)	3.628	2555418	18.115 ug/ml
3) T A~Naphthalene (C11.7)	5.184	2703118	19.016 ug/ml
4) T n-Dodecane (C12)	5.571	2721247	18.360 ug/ml
5) T A~2-methylnaphthalene...	6.210	2576938	18.789 ug/ml
6) T n-Tetradecane (C14)	7.318	2720226	18.119 ug/ml
7) T n-Hexadecane (C16)	8.876	2782683	18.183 ug/ml
8) T n-Octadecane (C18)	10.280	2808471	17.985 ug/ml
10) T n-Eicosane (C20)	11.557	2781346	17.723 ug/ml
11) T n-Heneicosane (C21)	12.153	2749825	17.574 ug/ml
13) T n-Docosane (C22)	12.724	2717659	17.430 ug/ml
14) T n-Tetracosane (C24)	13.798	2607674	17.081 ug/ml
15) T n-Hexacosane (C26)	14.793	2499733	16.746 ug/ml
16) T n-Octacosane (C28)	15.719	2434807	16.992 ug/ml
17) T n-Tricontane (C30)	16.583	2522694	18.019 ug/ml
18) T n-Dotriacontane (C32)	17.395	2598366	19.253 ug/ml
19) T n-Tetratriacontane (C34)	18.158	2525447	20.136 ug/ml
20) T n-Hexatriacontane (C36)	18.878	2521176	20.626 ug/ml
21) T n-Octatriacontane (C38)	19.561	2447741	20.739 ug/mlm
22) T n-Tetracontane (C40)	20.205	2381120	20.688 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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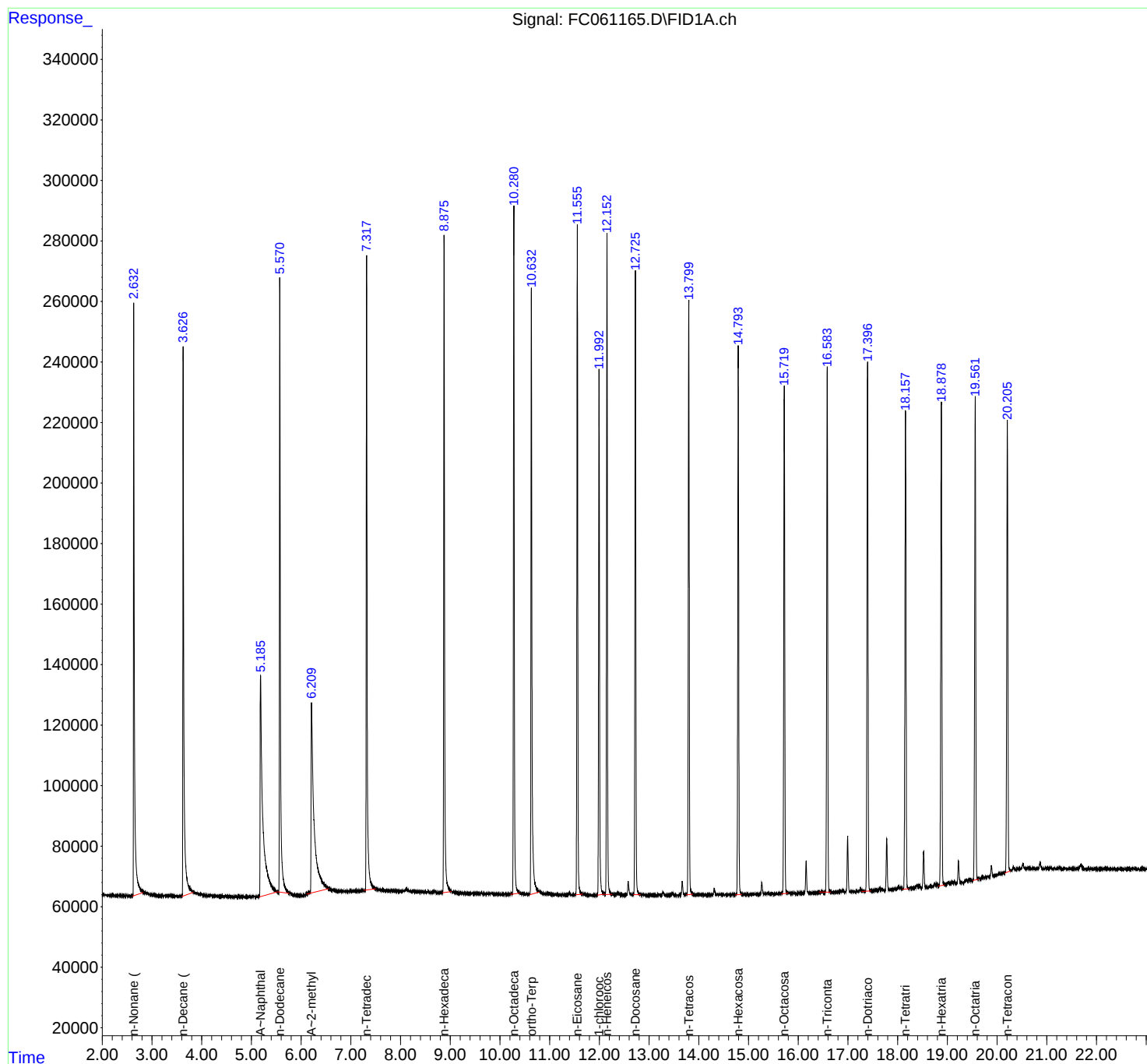
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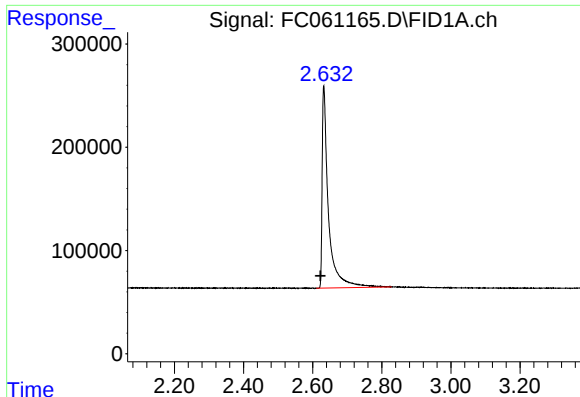
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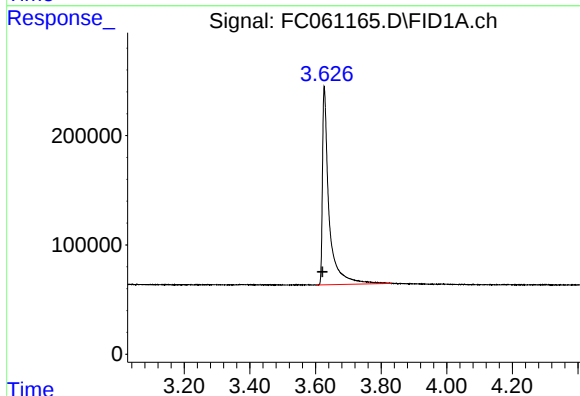
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: 0.011 min
Response: 2500369
Conc: 17.75 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

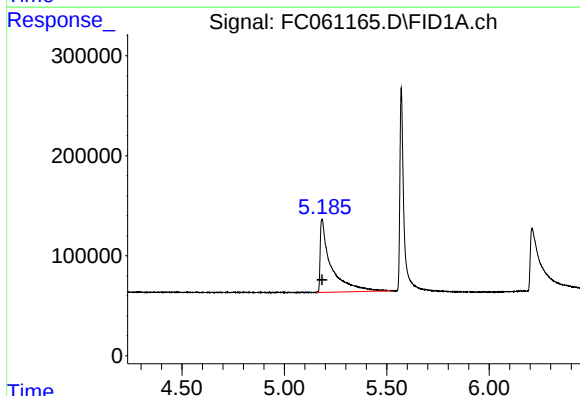
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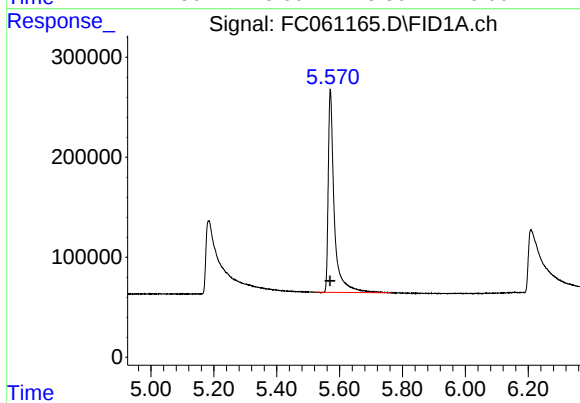
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.006 min
Response: 2555418
Conc: 18.12 ug/ml



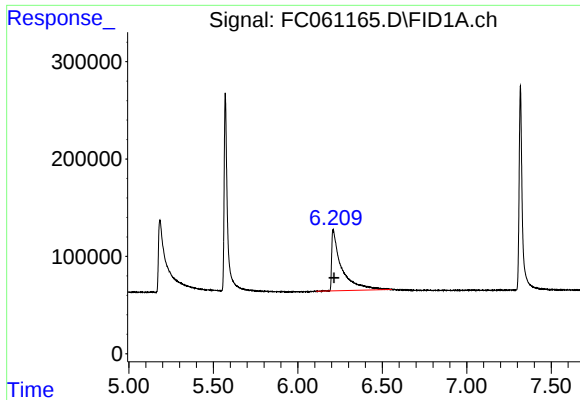
#3 A~Naphthalene (C11.7)

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 2703118
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 2721247
Conc: 18.36 ug/ml



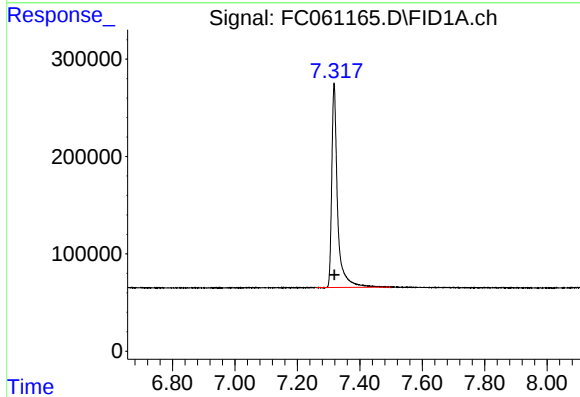
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.210 min
Delta R.T.: -0.005 min
Response: 2576938
Conc: 18.79 ug/ml

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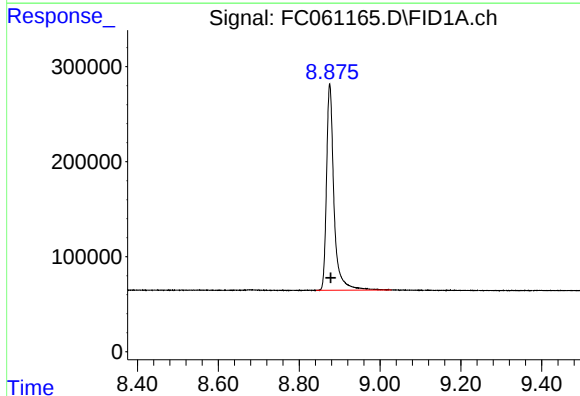
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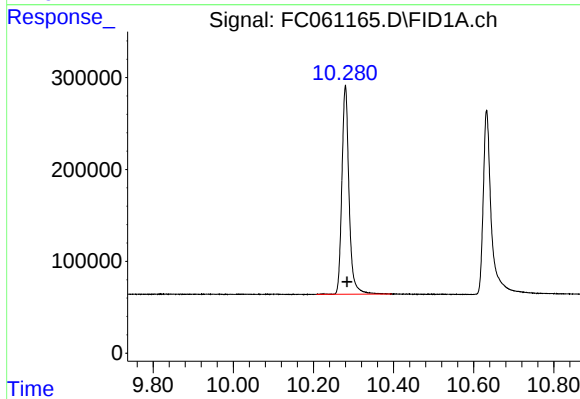
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 2720226
Conc: 18.12 ug/ml



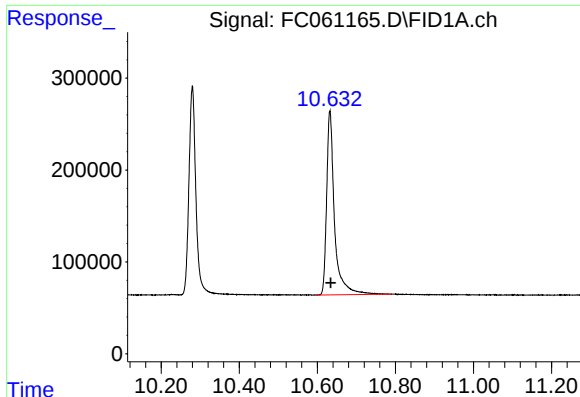
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 2782683
Conc: 18.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2808471
Conc: 17.99 ug/ml



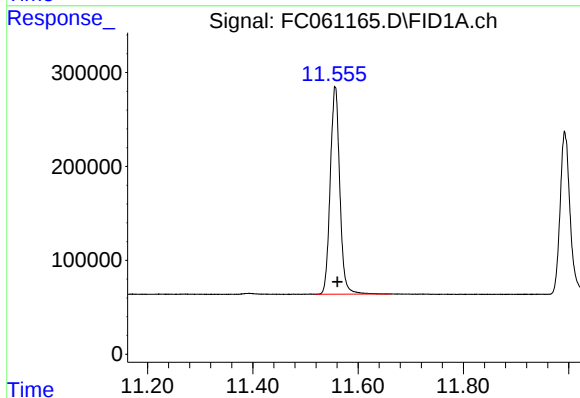
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.002 min
Response: 2810373
Conc: 17.13 ug/ml

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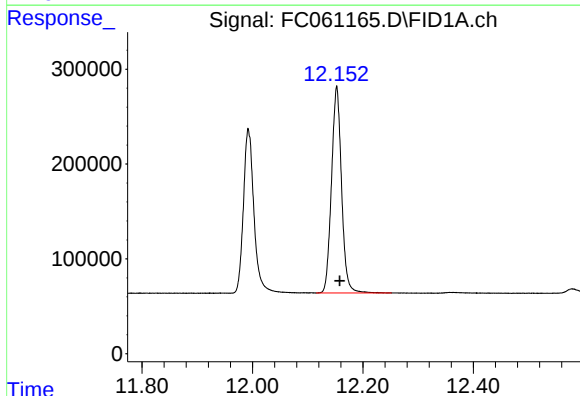
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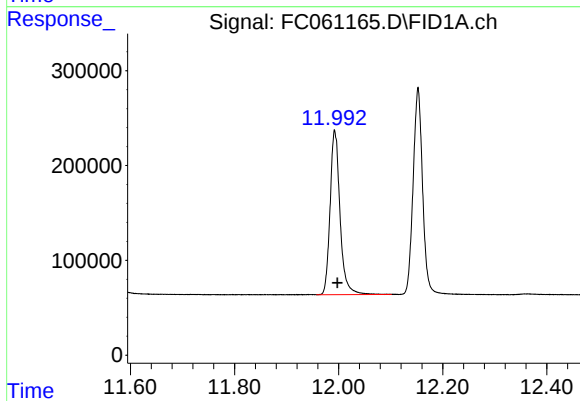
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2781346
Conc: 17.72 ug/ml



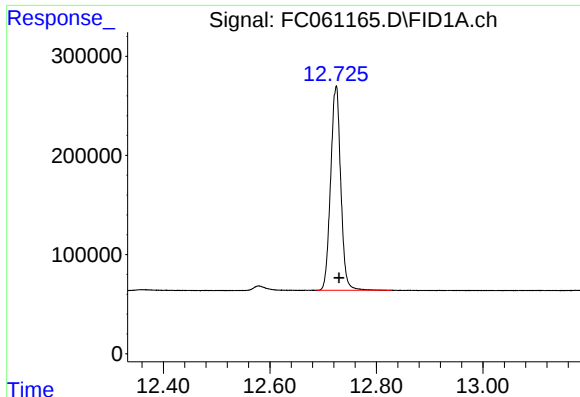
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 2749825
Conc: 17.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.993 min
Delta R.T.: -0.005 min
Response: 2290586
Conc: 17.25 ug/ml



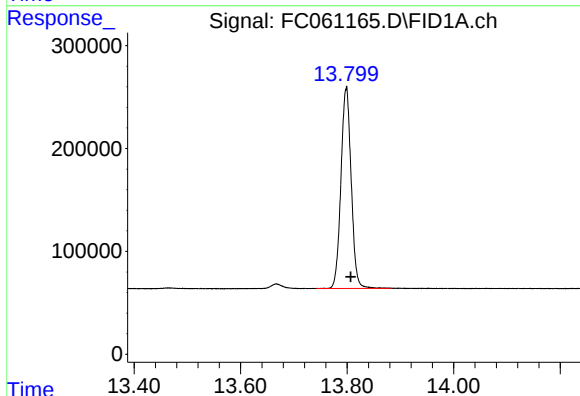
#13 n-Docosane (C22)

R.T.: 12.724 min
Delta R.T.: -0.006 min
Response: 2717659
Conc: 17.43 ug/ml

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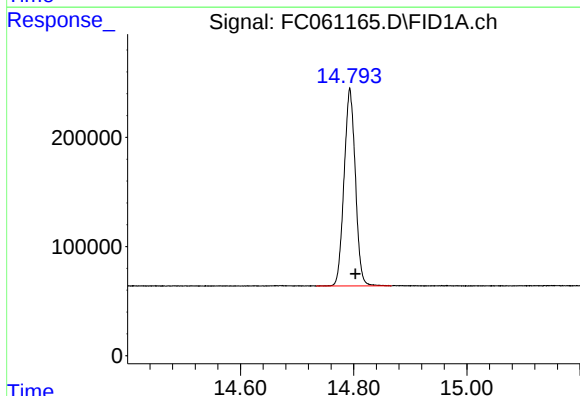
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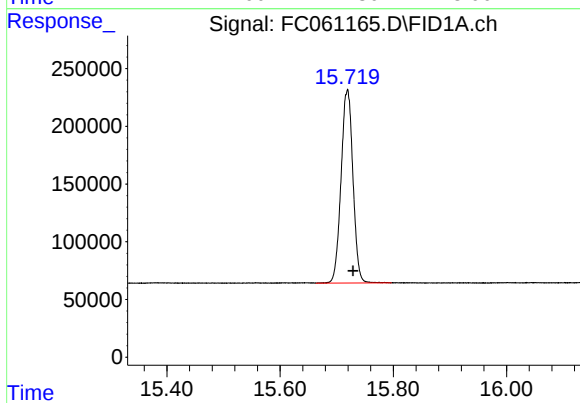
#14 n-Tetracosane (C24)

R.T.: 13.798 min
Delta R.T.: -0.008 min
Response: 2607674
Conc: 17.08 ug/ml



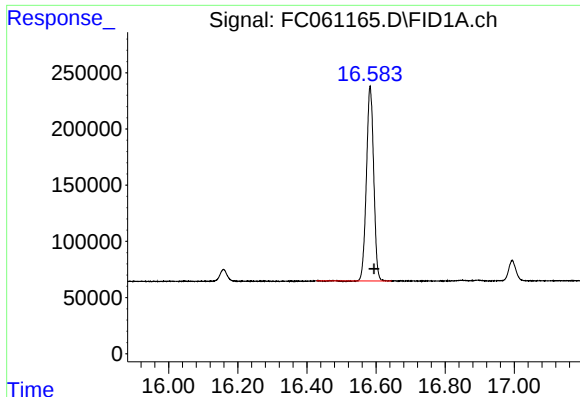
#15 n-Hexacosane (C26)

R.T.: 14.793 min
Delta R.T.: -0.010 min
Response: 2499733
Conc: 16.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.719 min
Delta R.T.: -0.010 min
Response: 2434807
Conc: 16.99 ug/ml



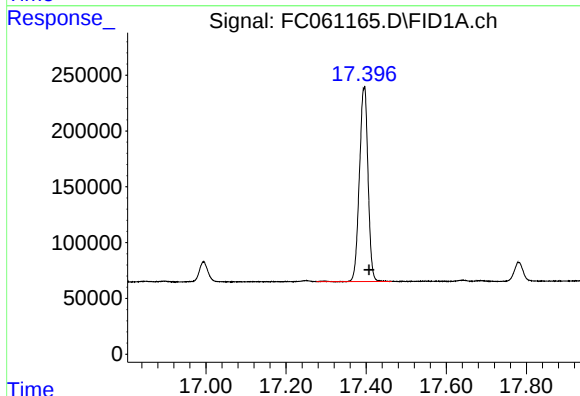
#17 n-Tricontane (C30)

R.T.: 16.583 min
Delta R.T.: -0.011 min
Response: 2522694
Conc: 18.02 ug/ml

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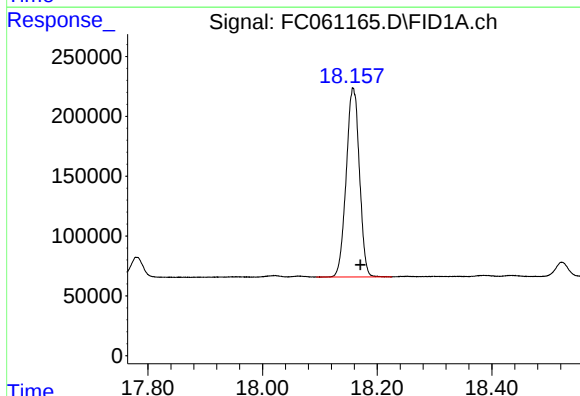
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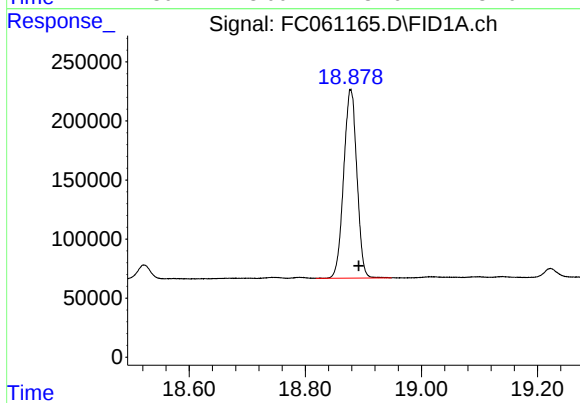
#18 n-Dotriacontane (C32)

R.T.: 17.395 min
Delta R.T.: -0.012 min
Response: 2598366
Conc: 19.25 ug/ml



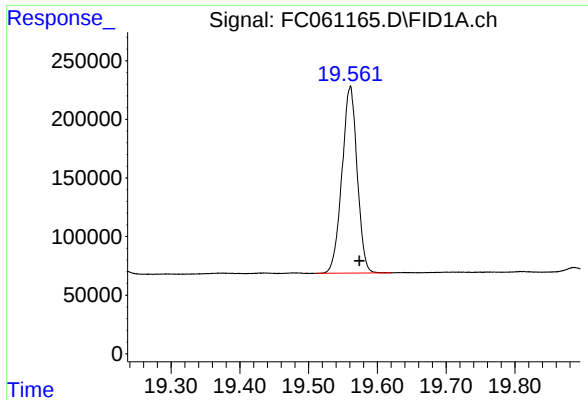
#19 n-Tetratriacontane (C34)

R.T.: 18.158 min
Delta R.T.: -0.013 min
Response: 2525447
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.878 min
Delta R.T.: -0.014 min
Response: 2521176
Conc: 20.63 ug/ml



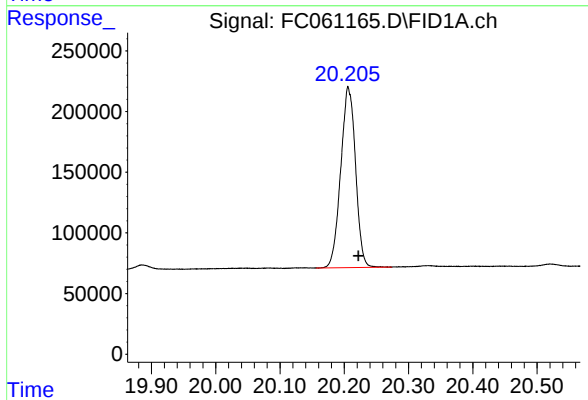
#21 n-Octatriacontane (C38)

R.T.: 19.561 min
Delta R.T.: -0.013 min
Response: 2447741
Conc: 20.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.205 min
Delta R.T.: -0.017 min
Response: 2381120
Conc: 20.69 ug/ml m