

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061135.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 09:35
 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 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:06:43 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	2795566	17.035 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	11.994	2250485	16.952 ug/ml
Spiked Amount 50.000		Recovery =	33.90%
Target Compounds			
1) T n-Nonane (C9)	2.633	2498974	17.743 ug/ml
2) T n-Decane (C10)	3.626	2607778	18.486 ug/ml
3) T A~Naphthalene (C11.7)	5.178	2834385	19.940 ug/ml
4) T n-Dodecane (C12)	5.570	2805903	18.931 ug/ml
5) T A~2-methylnaphthalene...	6.204	2738415	19.967 ug/ml
6) T n-Tetradecane (C14)	7.317	2732030	18.197 ug/ml
7) T n-Hexadecane (C16)	8.875	2744126	17.931 ug/ml
8) T n-Octadecane (C18)	10.280	2760124	17.676 ug/ml
10) T n-Eicosane (C20)	11.557	2707685	17.254 ug/ml
11) T n-Heneicosane (C21)	12.153	2690373	17.194 ug/ml
13) T n-Docosane (C22)	12.725	2651068	17.003 ug/ml
14) T n-Tetracosane (C24)	13.800	2542369	16.653 ug/ml
15) T n-Hexacosane (C26)	14.795	2431198	16.287 ug/ml
16) T n-Octacosane (C28)	15.720	2350639	16.404 ug/ml
17) T n-Tricontane (C30)	16.585	2421251	17.294 ug/ml
18) T n-Dotriacontane (C32)	17.398	2451315	18.163 ug/ml
19) T n-Tetratriacontane (C34)	18.161	2393242	19.082 ug/ml
20) T n-Hexatriacontane (C36)	18.881	2417853	19.780 ug/ml
21) T n-Octatriacontane (C38)	19.563	2360248	19.998 ug/mlm
22) T n-Tetracontane (C40)	20.208	2307002	20.044 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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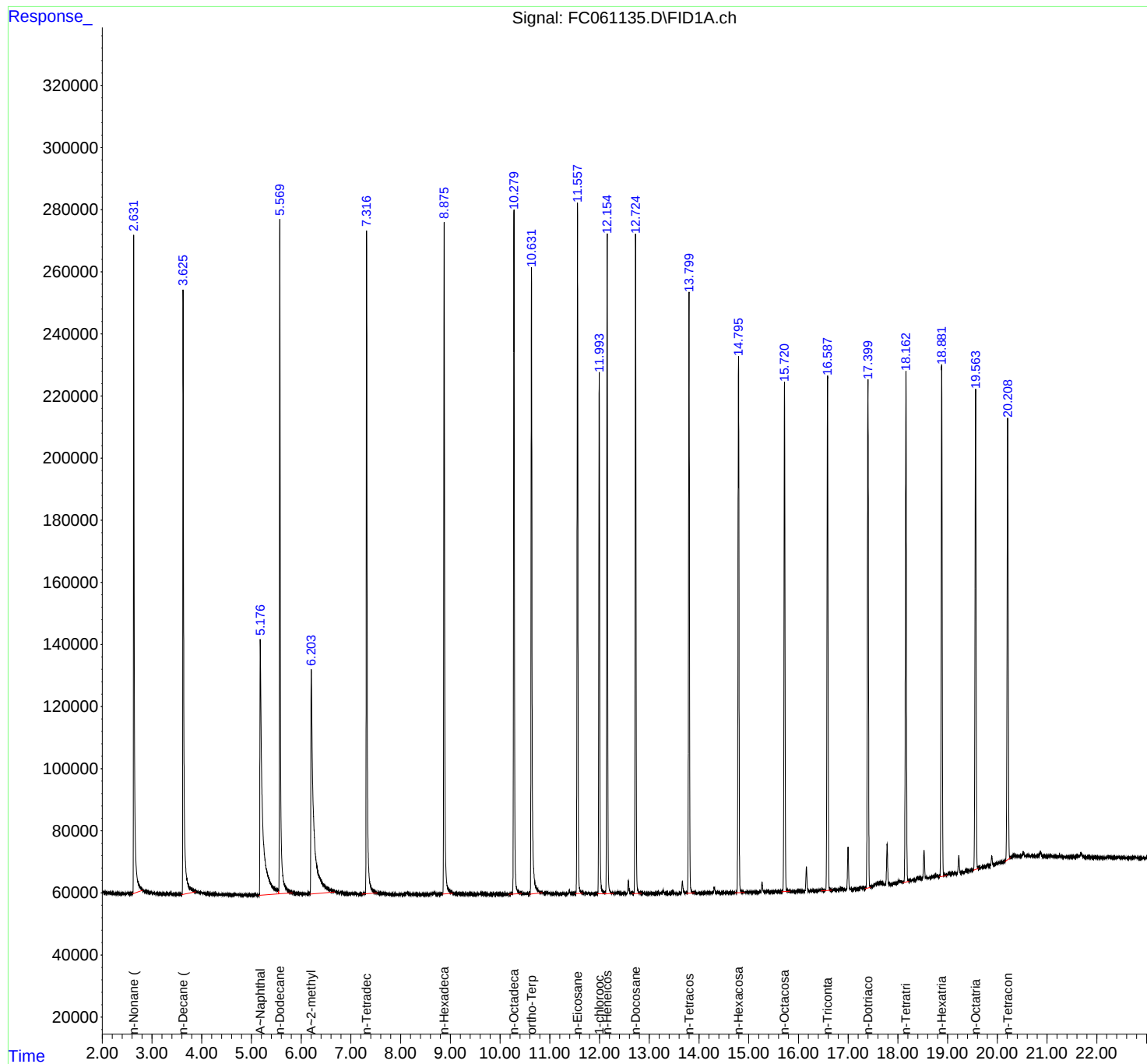
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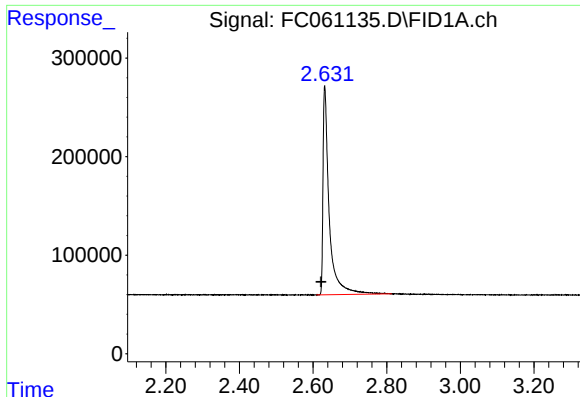
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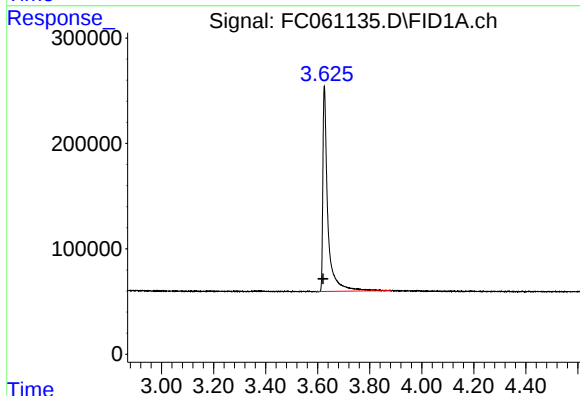
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: 0.011 min
Response: 2498974
Conc: 17.74 ug/ml

Instrument :
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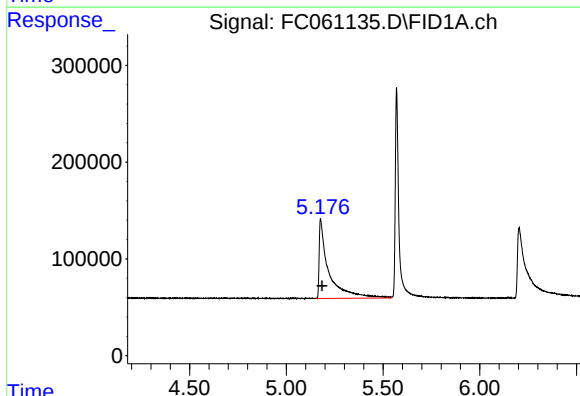
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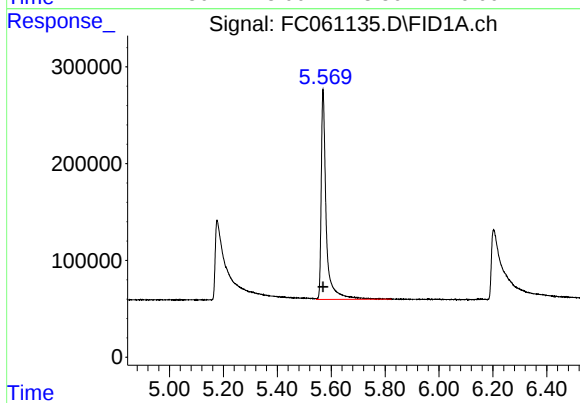
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: 0.005 min
Response: 2607778
Conc: 18.49 ug/ml



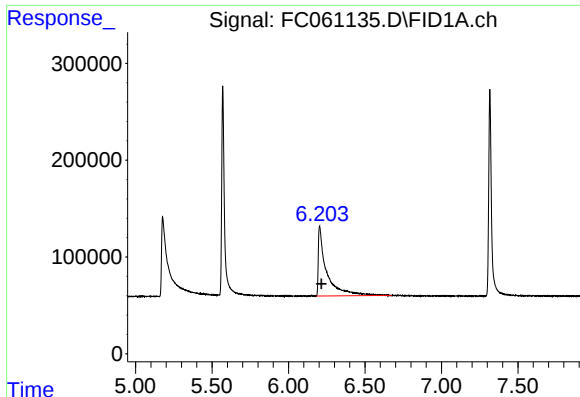
#3 A~Naphthalene (C11.7)

R.T.: 5.178 min
Delta R.T.: -0.006 min
Response: 2834385
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 2805903
Conc: 18.93 ug/ml



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

R.T.: 6.204 min
Delta R.T.: -0.011 min
Response: 2738415
Conc: 19.97 ug/ml

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#6 n-Tetradecane (C14)

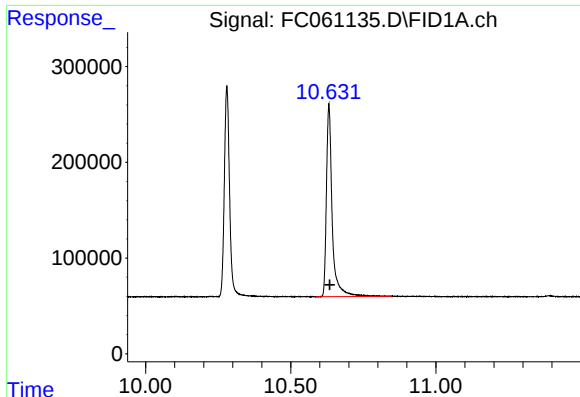
R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 2732030
Conc: 18.20 ug/ml

#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.003 min
Response: 2744126
Conc: 17.93 ug/ml

#8 n-Octadecane (C18)

R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2760124
Conc: 17.68 ug/ml



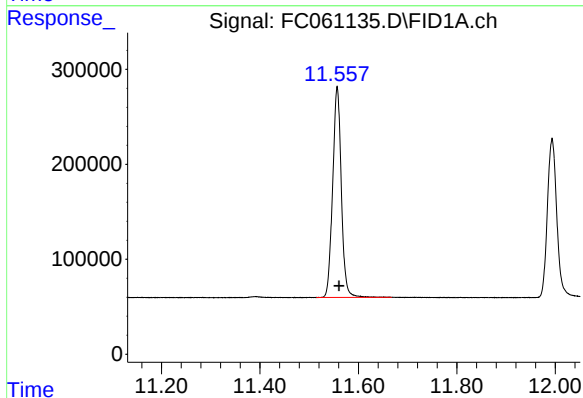
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.003 min
Response: 2795566
Conc: 17.03 ug/ml

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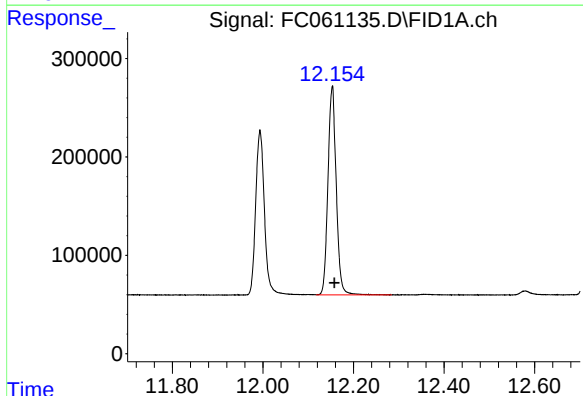
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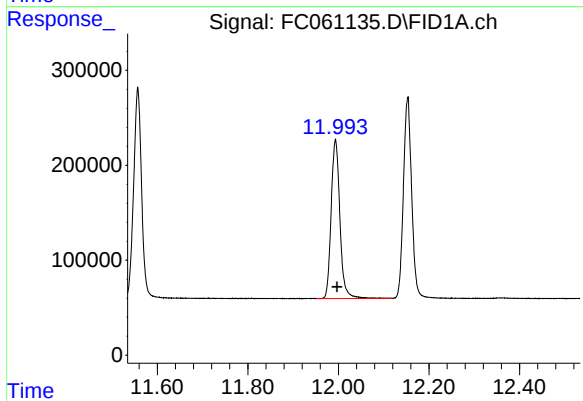
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2707685
Conc: 17.25 ug/ml



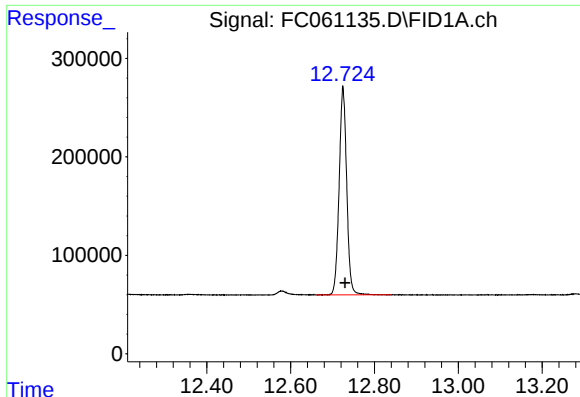
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 2690373
Conc: 17.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 2250485
Conc: 16.95 ug/ml



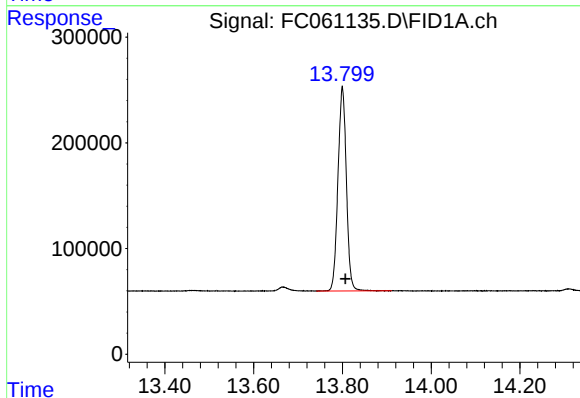
#13 n-Docosane (C22)

R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 2651068
Conc: 17.00 ug/ml

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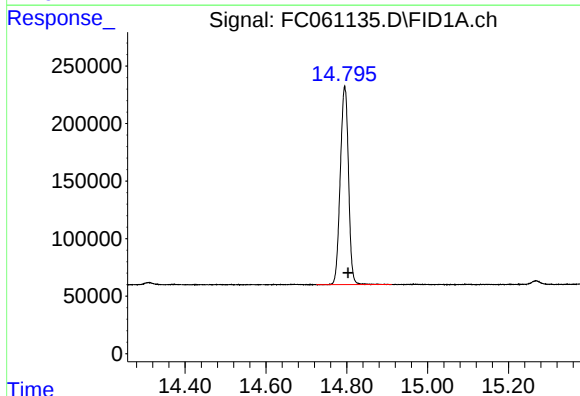
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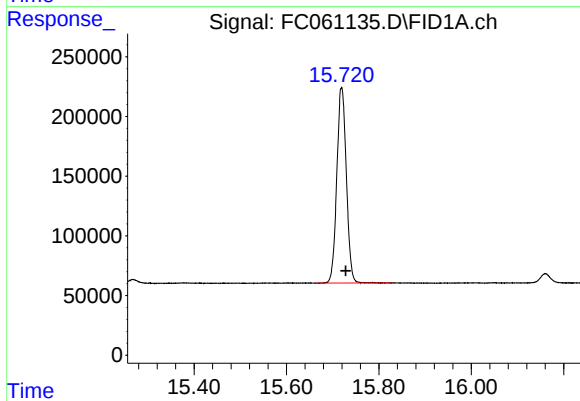
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.007 min
Response: 2542369
Conc: 16.65 ug/ml



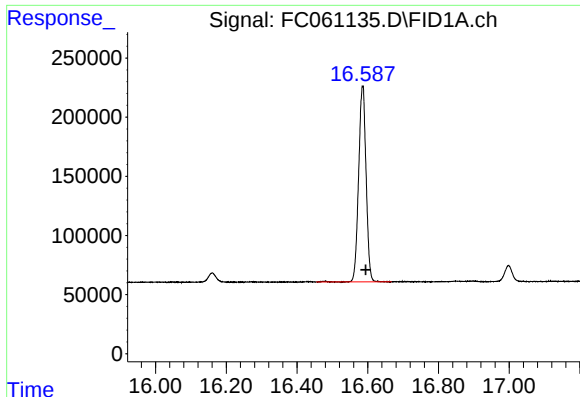
#15 n-Hexacosane (C26)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 2431198
Conc: 16.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.720 min
Delta R.T.: -0.009 min
Response: 2350639
Conc: 16.40 ug/ml



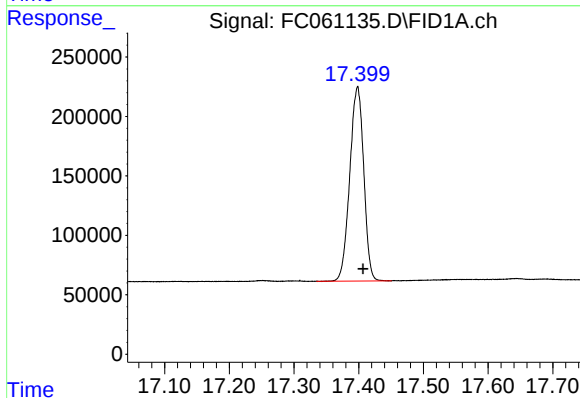
#17 n-Tricontane (C30)

R.T.: 16.585 min
Delta R.T.: -0.009 min
Response: 2421251
Conc: 17.29 ug/ml

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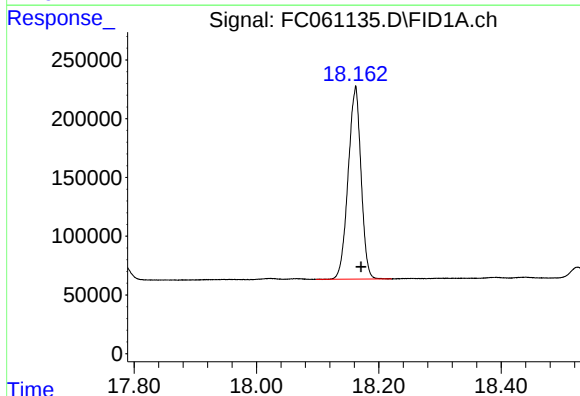
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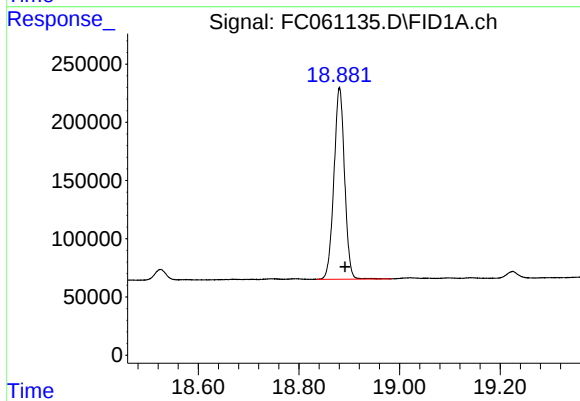
#18 n-Dotriacontane (C32)

R.T.: 17.398 min
Delta R.T.: -0.009 min
Response: 2451315
Conc: 18.16 ug/ml



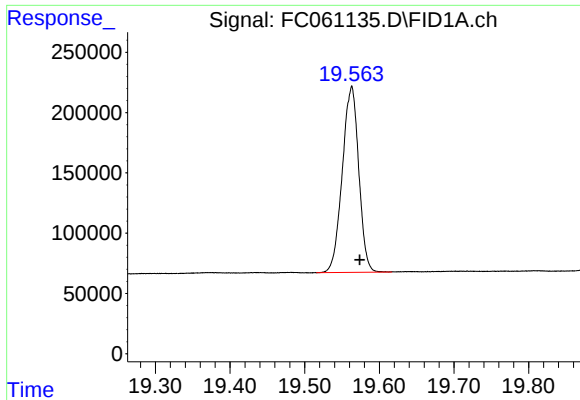
#19 n-Tetratriacontane (C34)

R.T.: 18.161 min
Delta R.T.: -0.010 min
Response: 2393242
Conc: 19.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.881 min
Delta R.T.: -0.011 min
Response: 2417853
Conc: 19.78 ug/ml



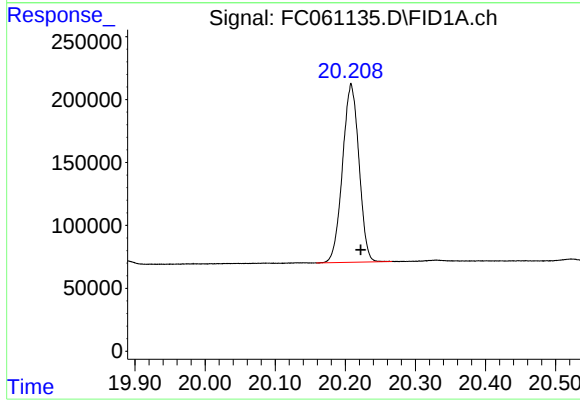
#21 n-Octatriacontane (C38)

R.T.: 19.563 min
Delta R.T.: -0.011 min
Response: 2360248
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.208 min
Delta R.T.: -0.014 min
Response: 2307002
Conc: 20.04 ug/ml m