

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061111.D
 Signal(s) : FID1A.ch
 Acq On : 13 Aug 2022 04:02
 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 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 14 22:26:41 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	3072958	18.725 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	11.994	2471215	18.615 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
Target Compounds			
1) T n-Nonane (C9)	2.632	2842704	20.184 ug/ml
2) T n-Decane (C10)	3.626	2866504	20.320 ug/ml
3) T A~Naphthalene (C11.7)	5.174	3014510	21.207 ug/ml
4) T n-Dodecane (C12)	5.571	3029704	20.441 ug/ml
5) T A~2-methylnaphthalene...	6.199	2905758	21.187 ug/ml
6) T n-Tetradecane (C14)	7.317	3016229	20.090 ug/ml
7) T n-Hexadecane (C16)	8.876	3069423	20.057 ug/ml
8) T n-Octadecane (C18)	10.282	3072872	19.679 ug/ml
10) T n-Eicosane (C20)	11.558	3012771	19.198 ug/ml
11) T n-Heneicosane (C21)	12.155	2963999	18.943 ug/ml
13) T n-Docosane (C22)	12.726	2902097	18.613 ug/ml
14) T n-Tetracosane (C24)	13.802	2761824	18.090 ug/ml
15) T n-Hexacosane (C26)	14.797	2884023	19.321 ug/ml
16) T n-Octacosane (C28)	15.723	2539185	17.720 ug/ml
17) T n-Tricontane (C30)	16.588	2615072	18.679 ug/ml
18) T n-Dotriacontane (C32)	17.400	2678335	19.845 ug/ml
19) T n-Tetratriacontane (C34)	18.164	2629204	20.963 ug/ml
20) T n-Hexatriacontane (C36)	18.881	2661173	21.771 ug/mlm
21) T n-Octatriacontane (C38)	19.562	2634429	22.321 ug/mlm
22) T n-Tetracontane (C40)	20.208	2593521	22.534 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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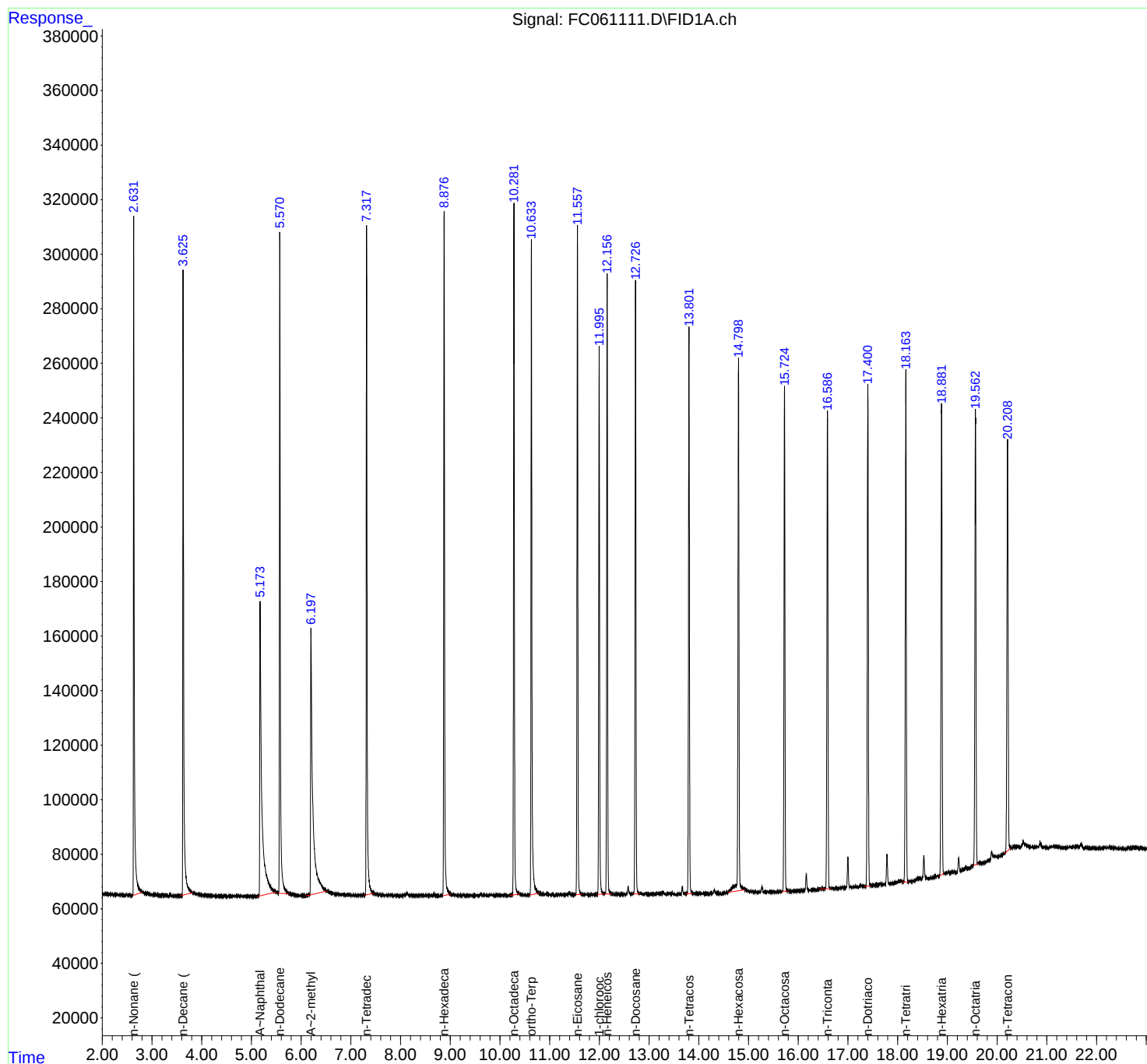
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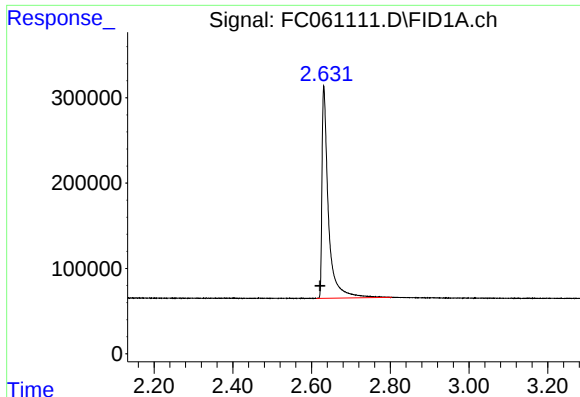
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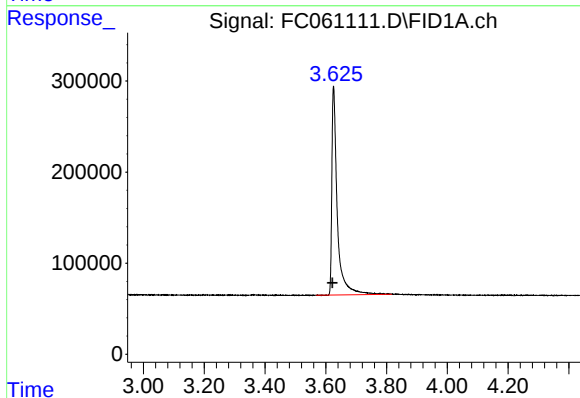
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: 0.010 min
Response: 2842704
Conc: 20.18 ug/ml

Instrument :
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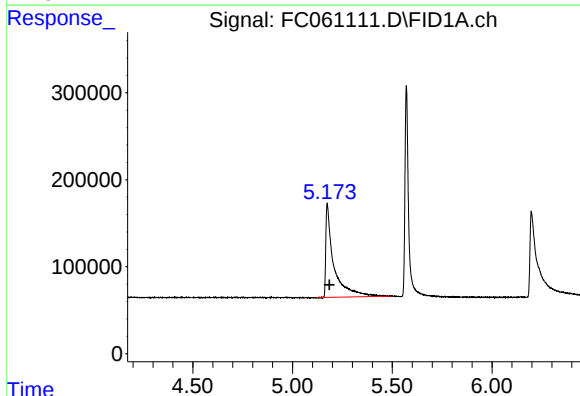
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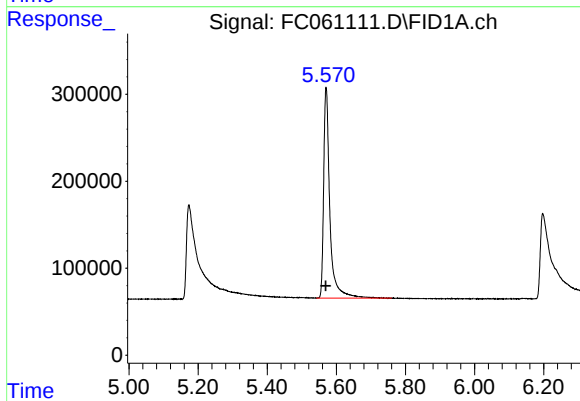
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: 0.005 min
Response: 2866504
Conc: 20.32 ug/ml



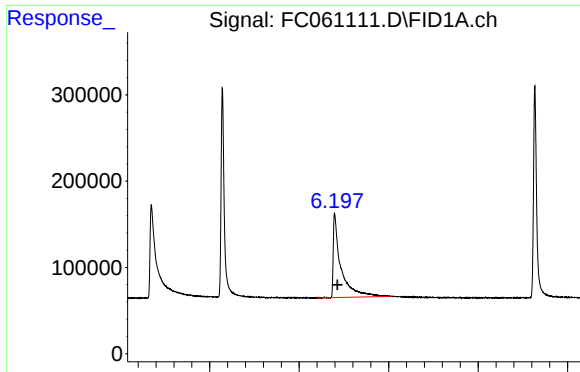
#3 A~Naphthalene (C11.7)

R.T.: 5.174 min
Delta R.T.: -0.010 min
Response: 3014510
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 3029704
Conc: 20.44 ug/ml



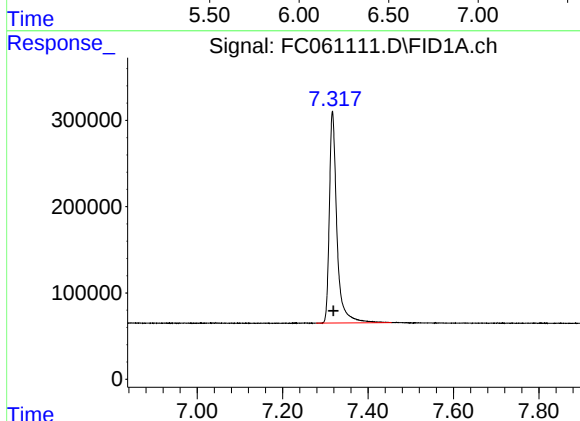
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.199 min
Delta R.T.: -0.016 min
Response: 2905758
Conc: 21.19 ug/ml

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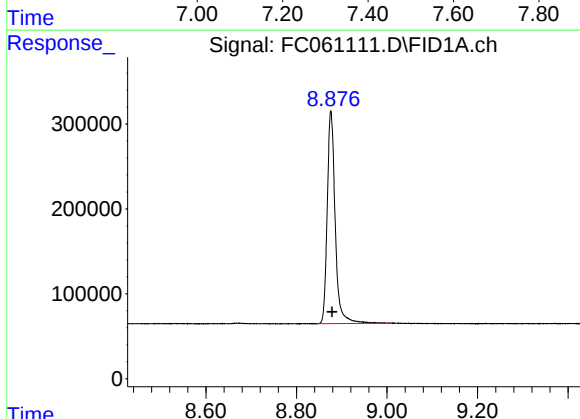
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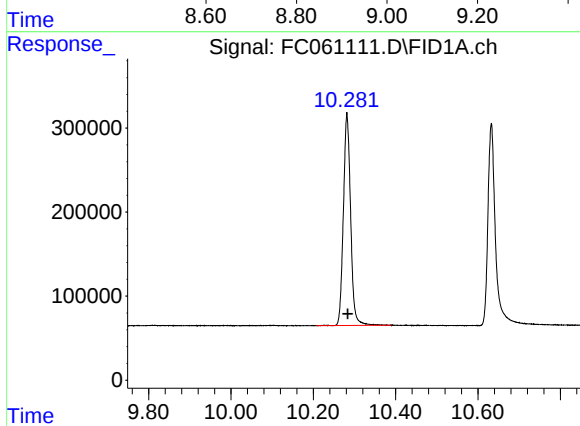
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 3016229
Conc: 20.09 ug/ml



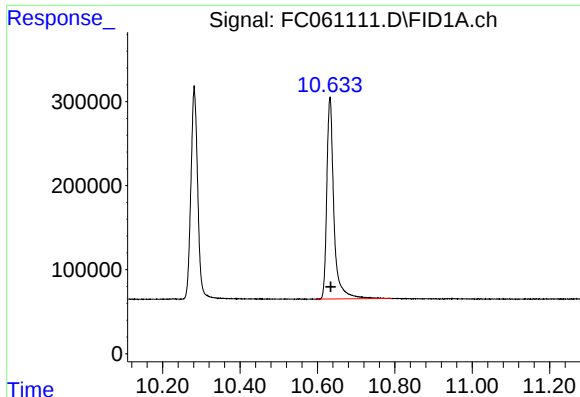
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 3069423
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.002 min
Response: 3072872
Conc: 19.68 ug/ml



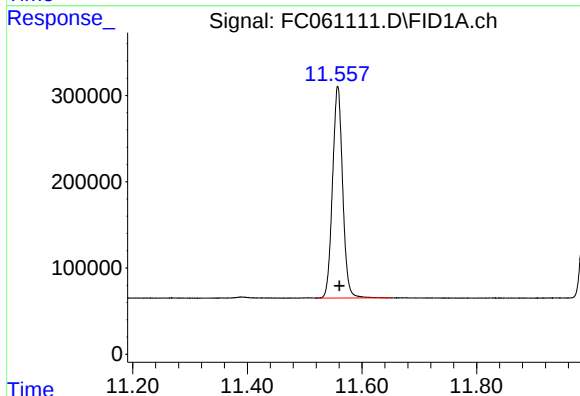
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.002 min
Response: 3072958
Conc: 18.73 ug/ml

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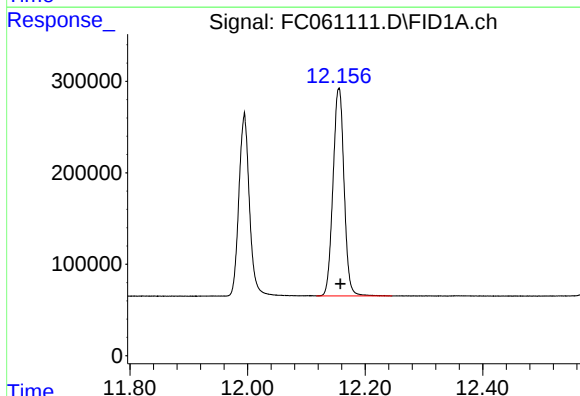
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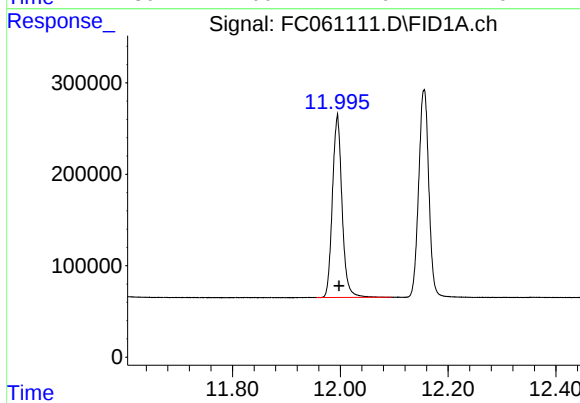
#10 n-Eicosane (C20)

R.T.: 11.558 min
Delta R.T.: -0.003 min
Response: 3012771
Conc: 19.20 ug/ml



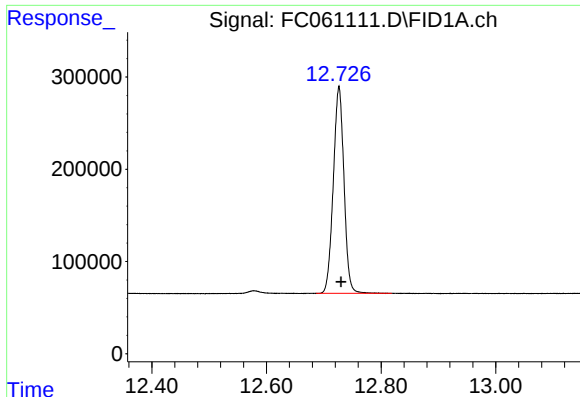
#11 n-Heneicosane (C21)

R.T.: 12.155 min
Delta R.T.: -0.003 min
Response: 2963999
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.003 min
Response: 2471215
Conc: 18.61 ug/ml



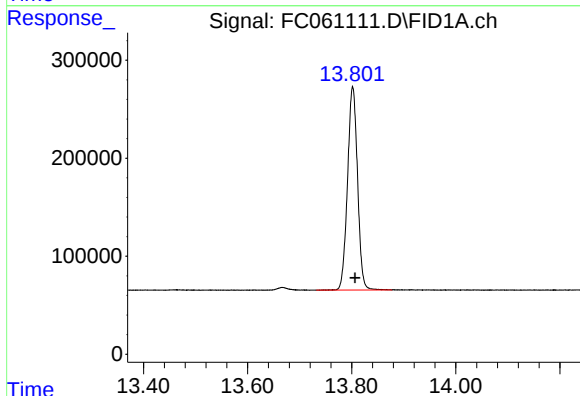
#13 n-Docosane (C22)

R.T.: 12.726 min
Delta R.T.: -0.004 min
Response: 2902097
Conc: 18.61 ug/ml

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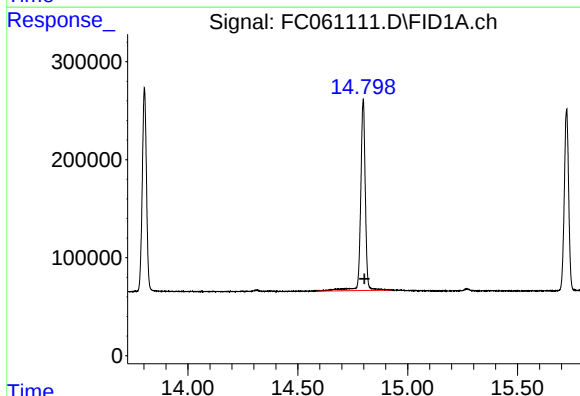
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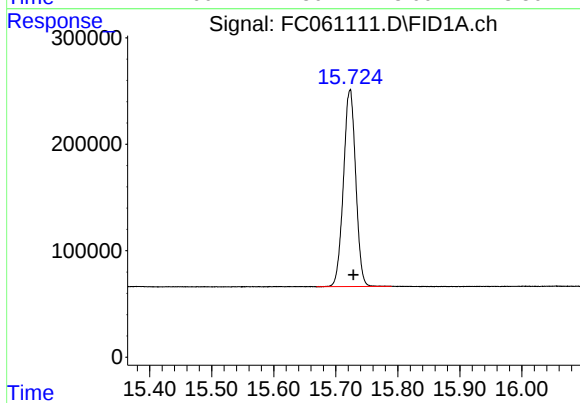
#14 n-Tetracosane (C24)

R.T.: 13.802 min
Delta R.T.: -0.005 min
Response: 2761824
Conc: 18.09 ug/ml



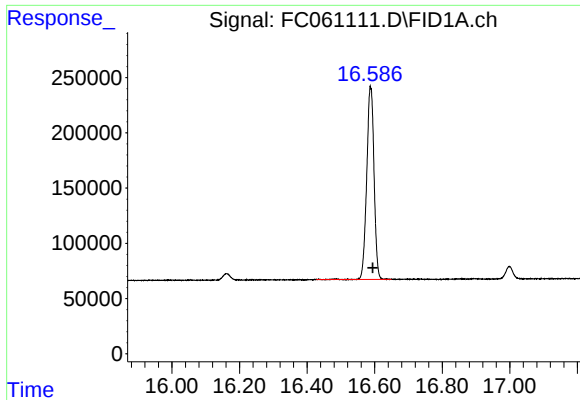
#15 n-Hexacosane (C26)

R.T.: 14.797 min
Delta R.T.: -0.006 min
Response: 2884023
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.723 min
Delta R.T.: -0.006 min
Response: 2539185
Conc: 17.72 ug/ml



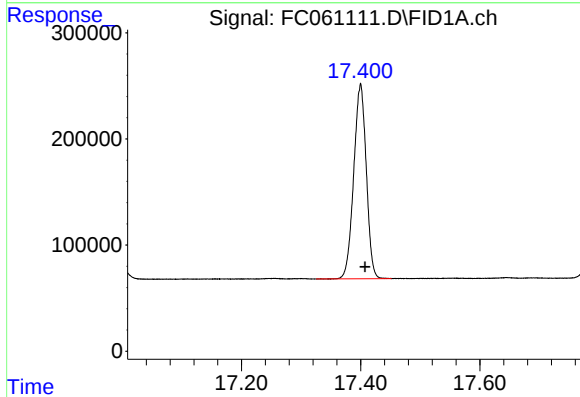
#17 n-Tricontane (C30)

R.T.: 16.588 min
Delta R.T.: -0.006 min
Response: 2615072
Conc: 18.68 ug/ml

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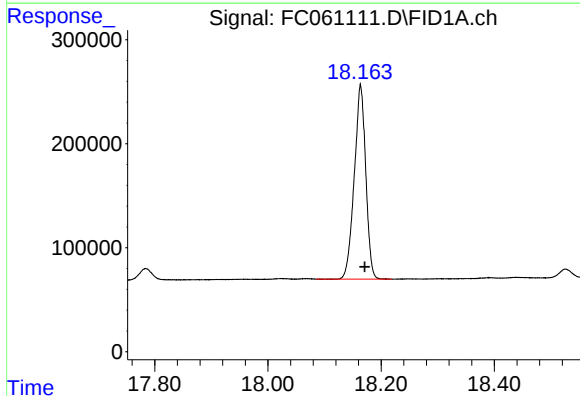
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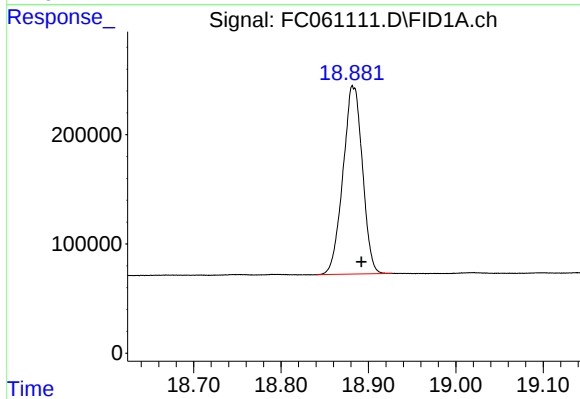
#18 n-Dotriacontane (C32)

R.T.: 17.400 min
Delta R.T.: -0.007 min
Response: 2678335
Conc: 19.85 ug/ml



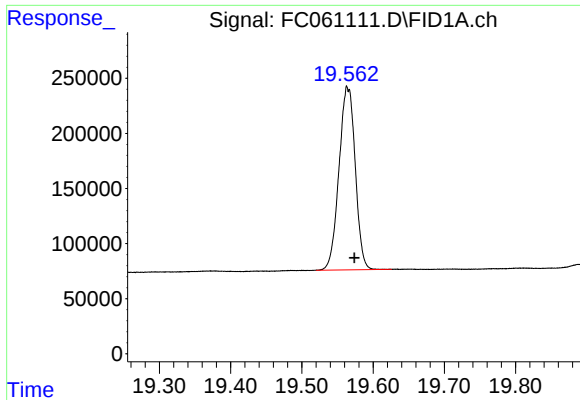
#19 n-Tetratriacontane (C34)

R.T.: 18.164 min
Delta R.T.: -0.007 min
Response: 2629204
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.881 min
Delta R.T.: -0.011 min
Response: 2661173
Conc: 21.77 ug/ml m



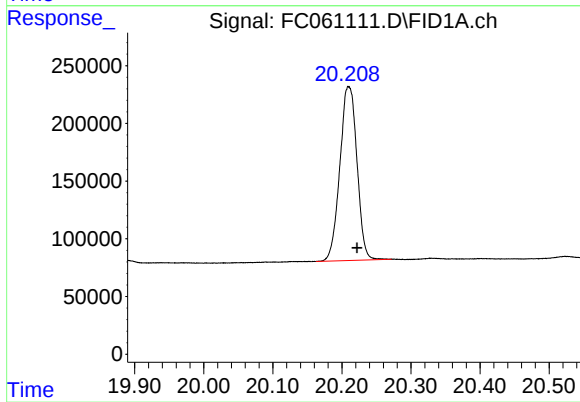
#21 n-Octatriacontane (C38)

R.T.: 19.562 min
Delta R.T.: -0.011 min
Response: 2634429
Conc: 22.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.208 min
Delta R.T.: -0.014 min
Response: 2593521
Conc: 22.53 ug/ml m