

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100422AL\
 Data File : FC061703.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2022 15:09
 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 10/05/2022
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
 Quant Time: Oct 05 05:10:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.583	3563849	20.854 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	13.021	2821805	20.656 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.342	3104525	20.798 ug/ml
2) T n-Decane (C10)	4.409	3185886	21.121 ug/ml
3) T A~Naphthalene (C11.7)	5.993	3488952	21.039 ug/ml
4) T n-Dodecane (C12)	6.425	3250814	21.379 ug/ml
5) T A~2-methylnaphthalene...	7.049	3453956	20.997 ug/ml
6) T n-Tetradecane (C14)	8.222	3286477	21.556 ug/ml
7) T n-Hexadecane (C16)	9.824	3330316	21.538 ug/ml
8) T n-Octadecane (C18)	11.267	3374486	21.406 ug/ml
10) T n-Eicosane (C20)	12.576	3388402	21.263 ug/ml
11) T n-Heneicosane (C21)	13.189	3346950	20.861 ug/ml
13) T n-Docosane (C22)	13.776	3420338	21.289 ug/ml
14) T n-Tetracosane (C24)	14.879	3461963	21.611 ug/ml
15) T n-Hexacosane (C26)	15.900	3468326	21.878 ug/ml
16) T n-Octacosane (C28)	16.850	3412321	22.015 ug/ml
17) T n-Tricontane (C30)	17.738	3376438	21.941 ug/ml
18) T n-Dotriacontane (C32)	18.571	3222645	21.313 ug/ml
19) T n-Tetratriacontane (C34)	19.355	2807260	19.799 ug/ml
20) T n-Hexatriacontane (C36)	20.095	2671608	19.352 ug/ml
21) T n-Octatriacontane (C38)	20.831	2636832	20.361 ug/mlm
22) T n-Tetracontane (C40)	21.746	2406897	19.695 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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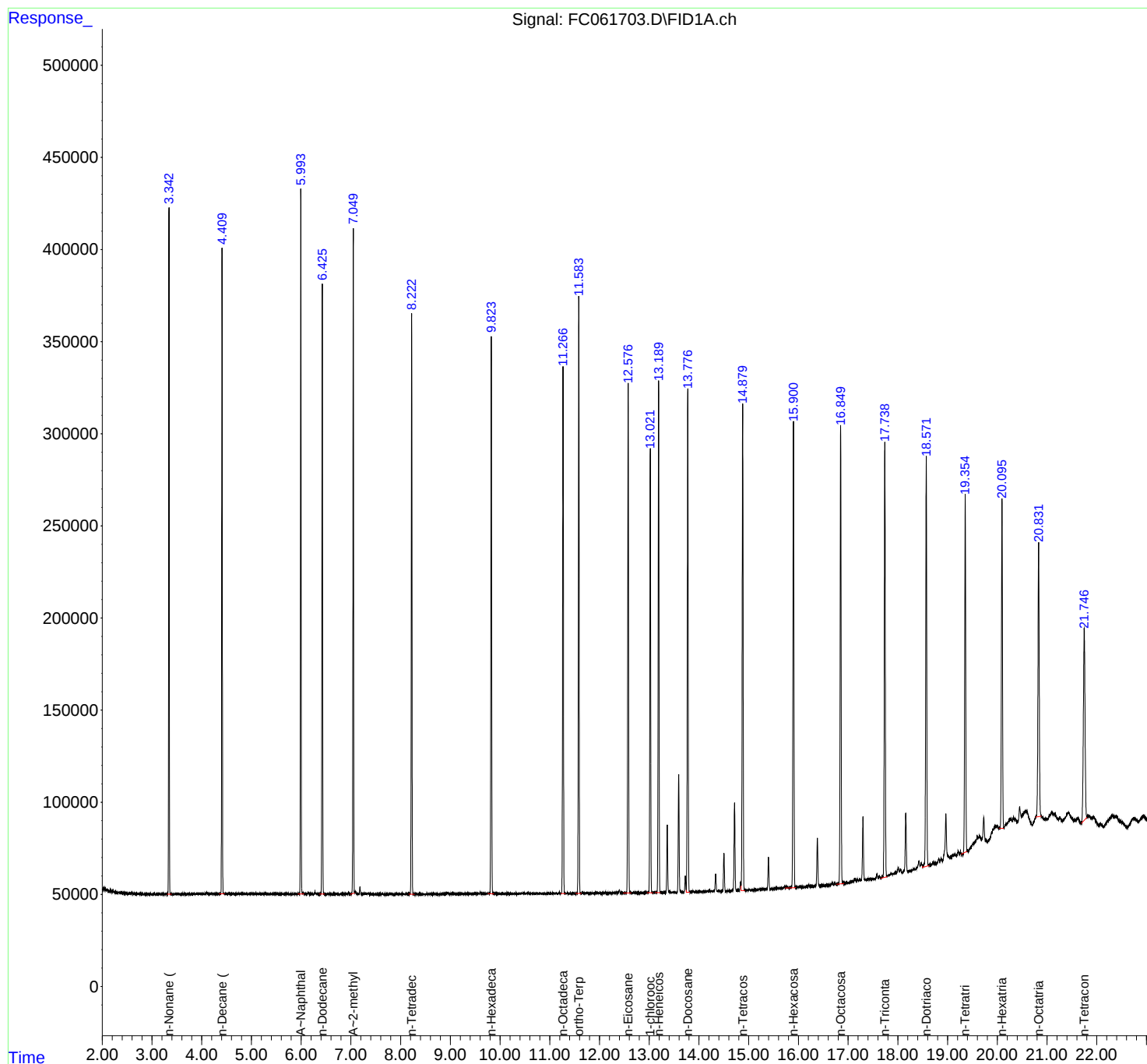
Instrument :
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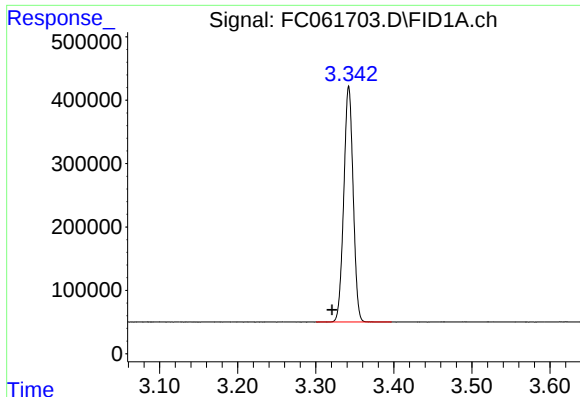
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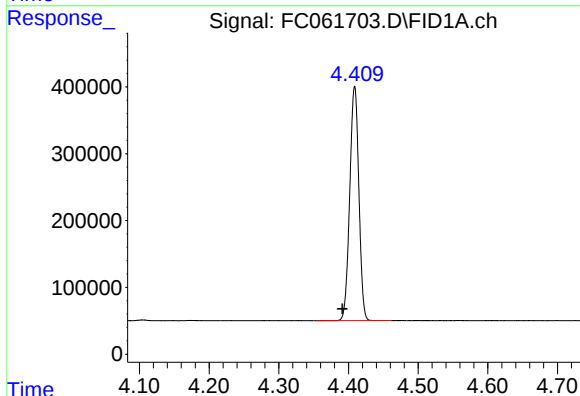
#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: 0.021 min
Response: 3104525
Conc: 20.80 ug/ml

Instrument : FID_C
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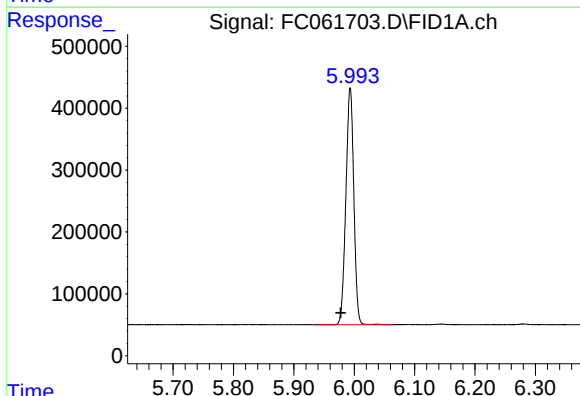
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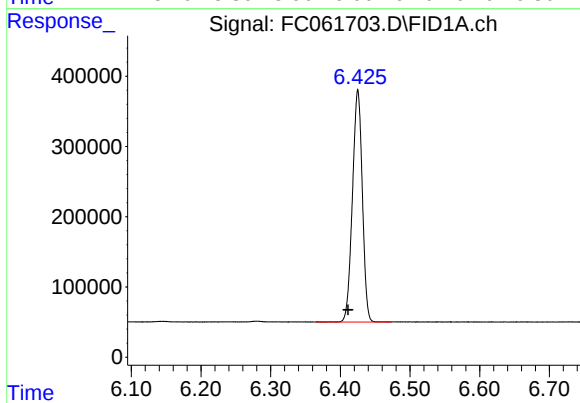
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.018 min
Response: 3185886
Conc: 21.12 ug/ml



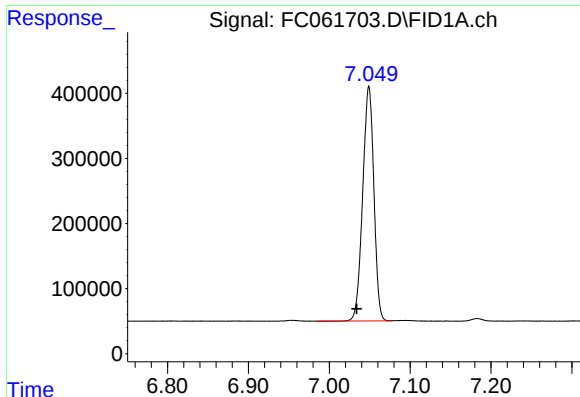
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: 0.016 min
Response: 3488952
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: 0.014 min
Response: 3250814
Conc: 21.38 ug/ml



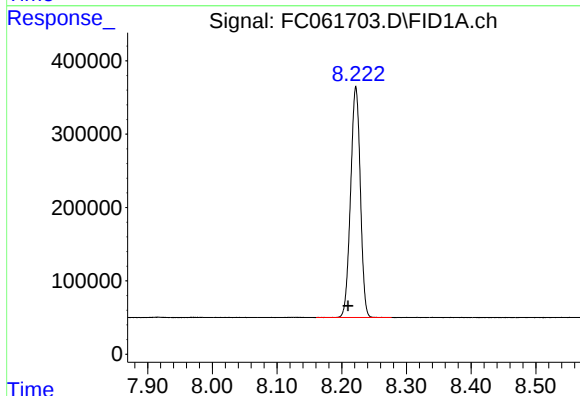
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: 0.015 min
Response: 3453956
Conc: 21.00 ug/ml

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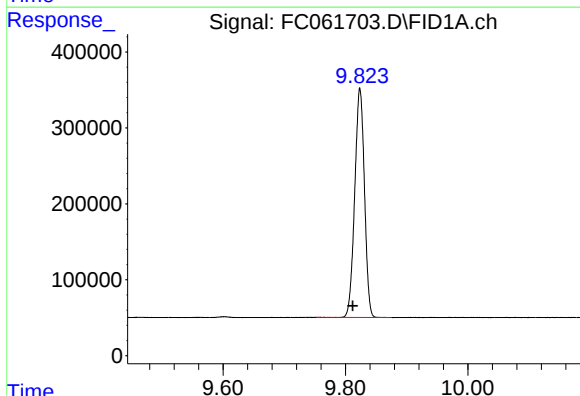
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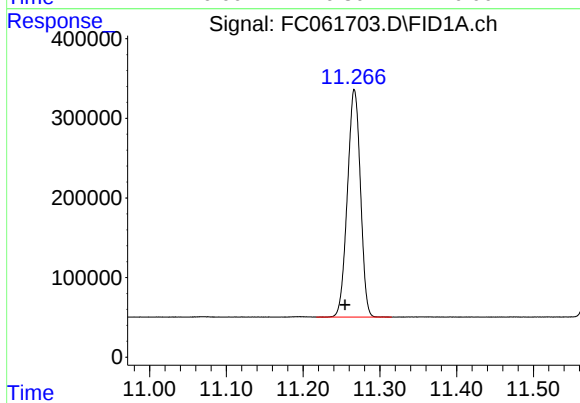
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: 0.012 min
Response: 3286477
Conc: 21.56 ug/ml



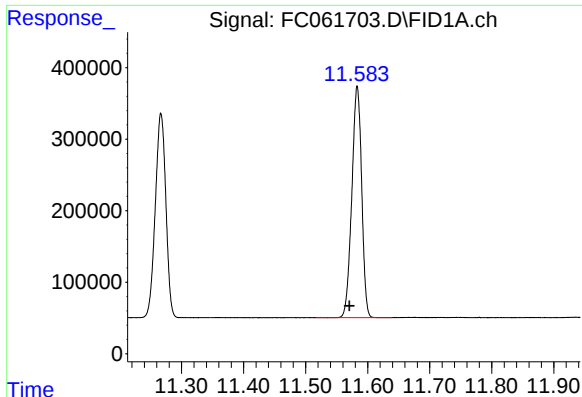
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: 0.012 min
Response: 3330316
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: 0.012 min
Response: 3374486
Conc: 21.41 ug/ml



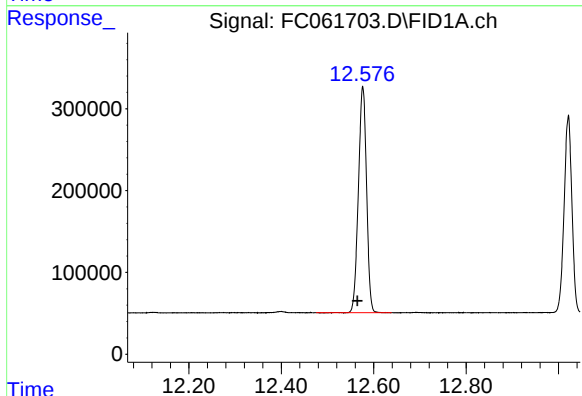
#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: 0.013 min
Response: 3563849
Conc: 20.85 ug/ml

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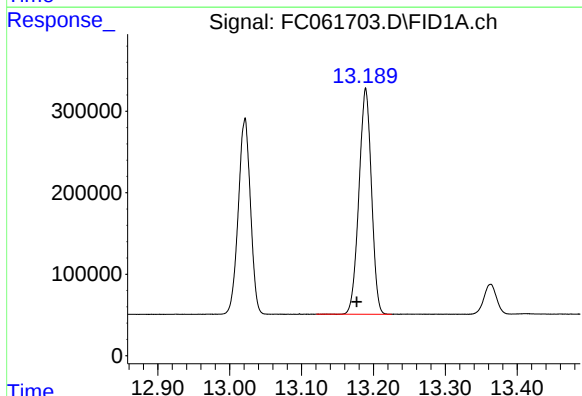
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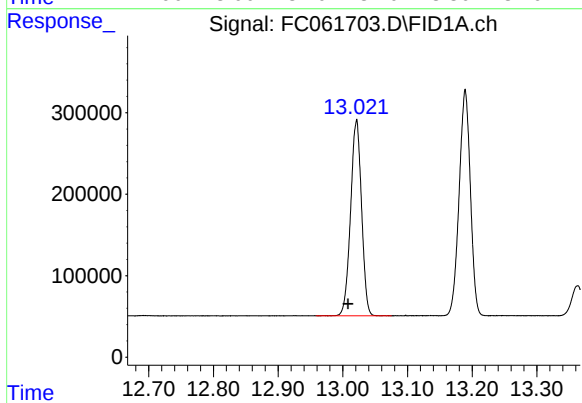
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.012 min
Response: 3388402
Conc: 21.26 ug/ml



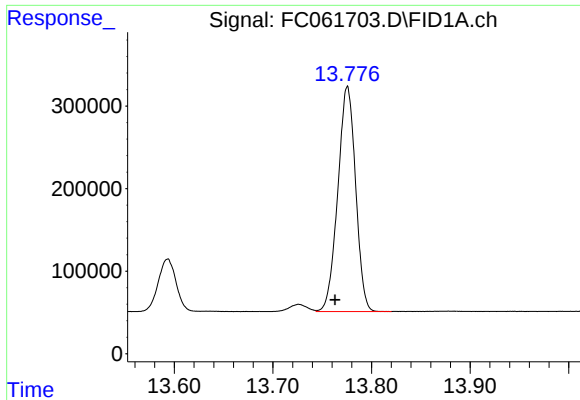
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: 0.013 min
Response: 3346950
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: 0.013 min
Response: 2821805
Conc: 20.66 ug/ml



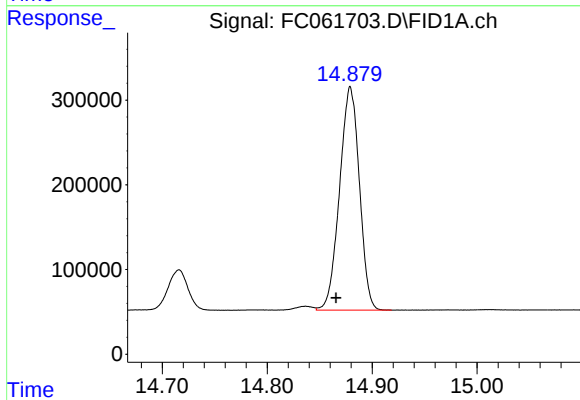
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: 0.013 min
Response: 3420338
Conc: 21.29 ug/ml

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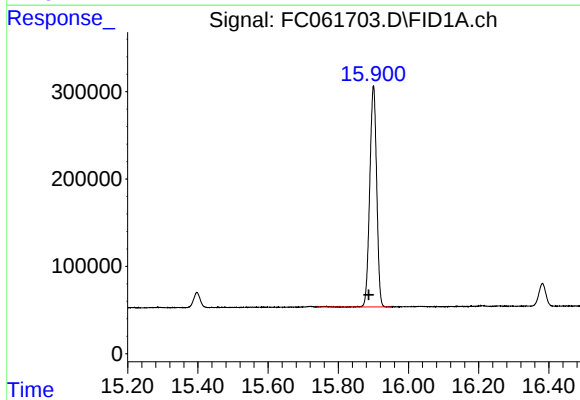
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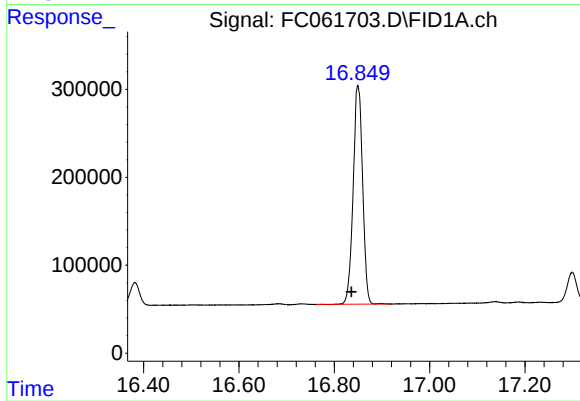
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: 0.014 min
Response: 3461963
Conc: 21.61 ug/ml



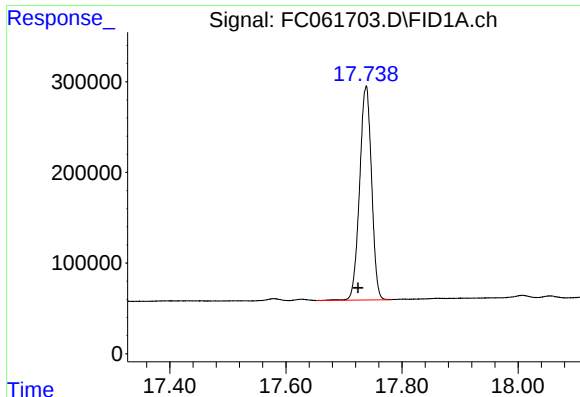
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: 0.013 min
Response: 3468326
Conc: 21.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: 0.014 min
Response: 3412321
Conc: 22.02 ug/ml



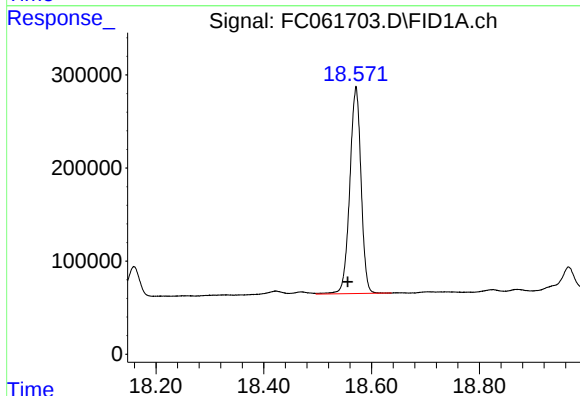
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: 0.014 min
Response: 3376438
Conc: 21.94 ug/ml

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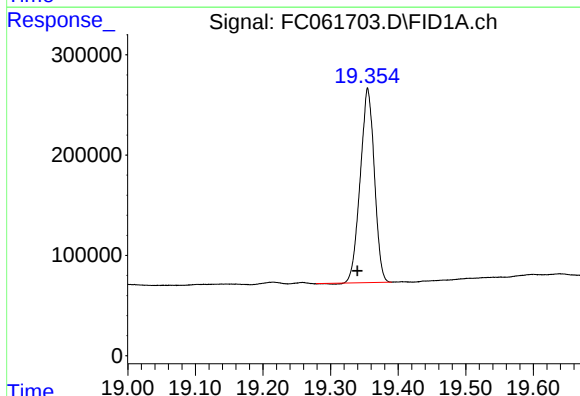
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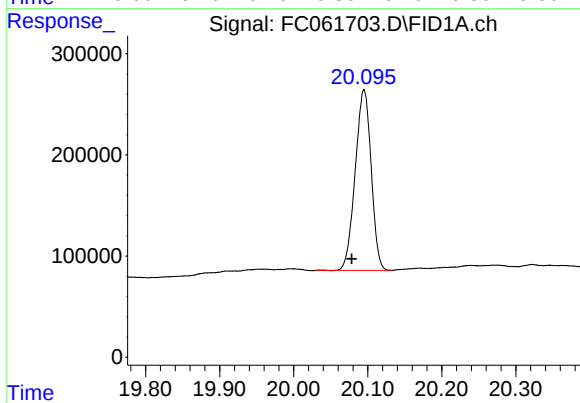
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: 0.015 min
Response: 3222645
Conc: 21.31 ug/ml



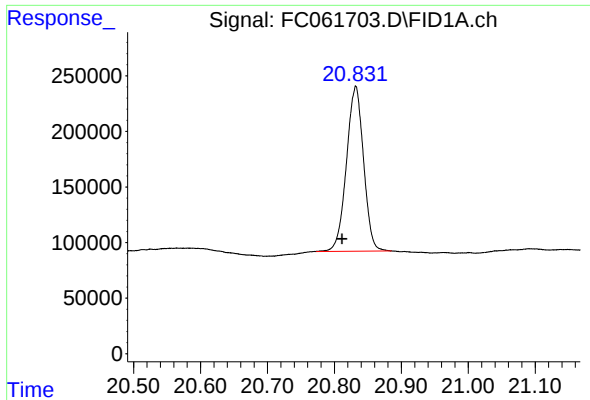
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: 0.015 min
Response: 2807260
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.095 min
Delta R.T.: 0.017 min
Response: 2671608
Conc: 19.35 ug/ml



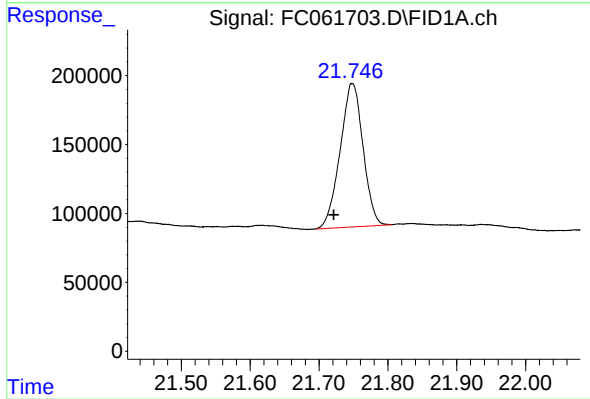
#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: 0.020 min
Response: 2636832
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: 0.025 min
Response: 2406897
Conc: 19.70 ug/ml m