

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103023AL\
 Data File : FC064963.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2023 22:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Integration File: autoint1.e
 Quant Time: Oct 30 23:47:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.523	4730147	21.492 ug/ml
Spiked Amount 50.000		Recovery =	42.98%
12) S 1-chlorooctadecane (S...	12.955	3427464	21.681 ug/ml
Spiked Amount 50.000		Recovery =	43.36%
Target Compounds			
1) T n-Nonane (C9)	3.322	4167792	22.044 ug/ml
2) T n-Decane (C10)	4.383	4218363	22.185 ug/ml
3) T A~Naphthalene (C11.7)	5.963	4339125	22.474 ug/ml
4) T n-Dodecane (C12)	6.393	4260229	22.054 ug/ml
5) T A~2-methylnaphthalene...	7.017	4241719	23.083 ug/ml
6) T n-Tetradecane (C14)	8.181	4168253	22.091 ug/ml
7) T n-Hexadecane (C16)	9.773	4163285	22.025 ug/ml
8) T n-Octadecane (C18)	11.208	4128772	21.877 ug/ml
10) T n-Eicosane (C20)	12.513	3901478	21.701 ug/ml
11) T n-Heneicosane (C21)	13.122	3779646	21.528 ug/ml
13) T n-Docosane (C22)	13.705	3699669	21.538 ug/ml
14) T n-Tetracosane (C24)	14.803	3550931	21.320 ug/ml
15) T n-Hexacosane (C26)	15.819	3417797	21.294 ug/ml
16) T n-Octacosane (C28)	16.765	3319453	21.210 ug/ml
17) T n-Tricontane (C30)	17.649	3350899	21.156 ug/ml
18) T n-Dotriacontane (C32)	18.479	3327560	21.075 ug/mlm
19) T n-Tetratriacontane (C34)	19.256	3238706	21.218 ug/ml
20) T n-Hexatriacontane (C36)	19.995	3201610	21.220 ug/ml
21) T n-Octatriacontane (C38)	20.717	3182747	21.387 ug/ml
22) T n-Tetracontane (C40)	21.599	3173406	21.576 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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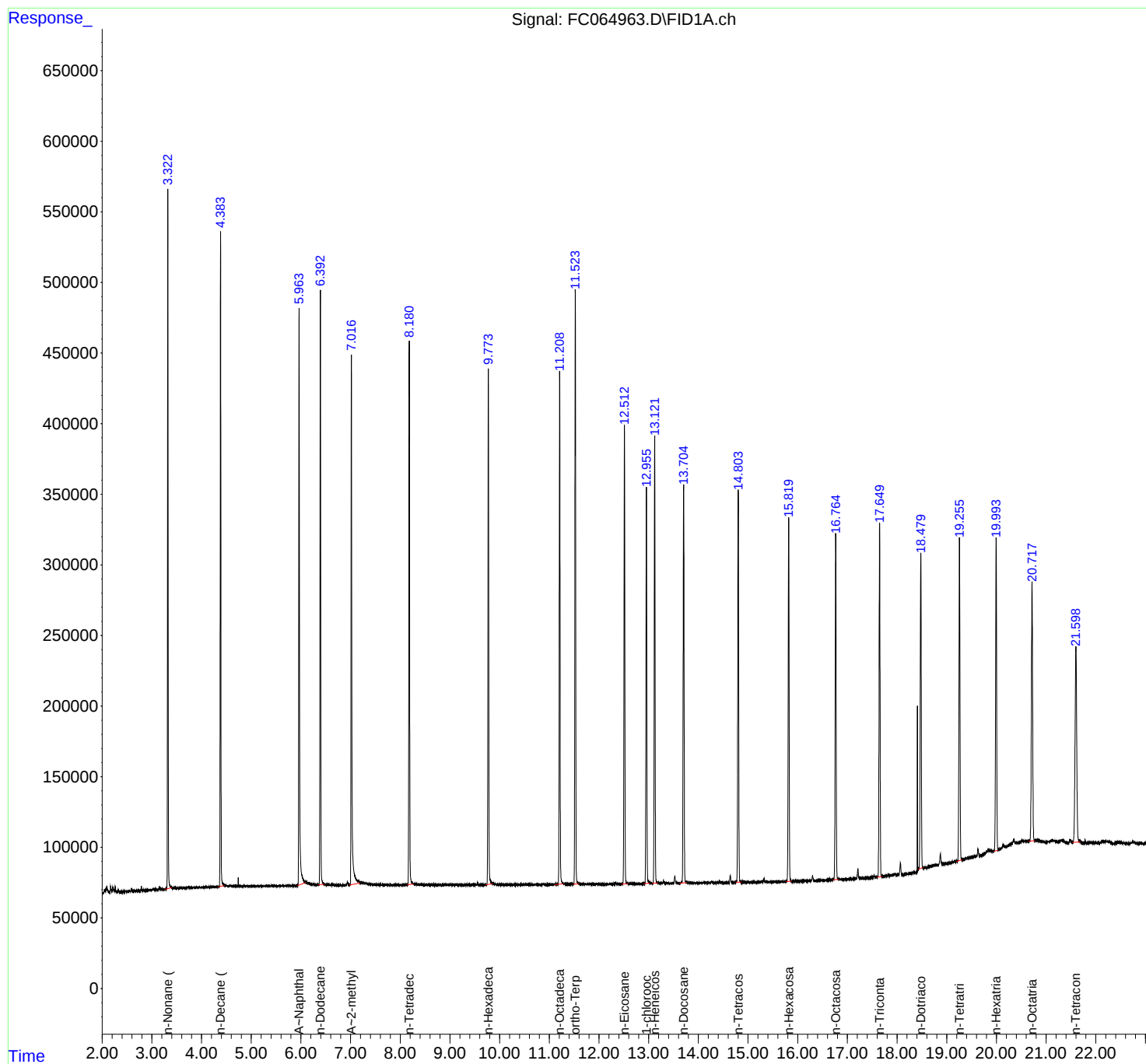
Instrument :
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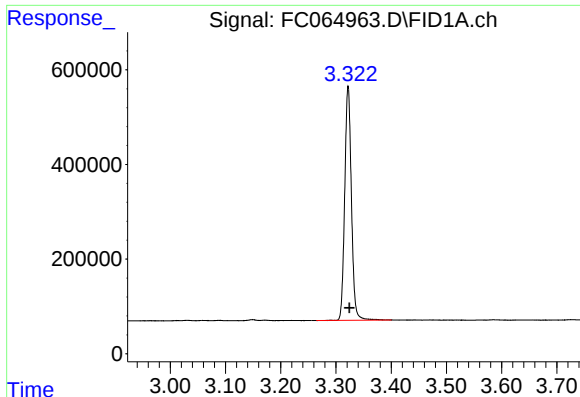
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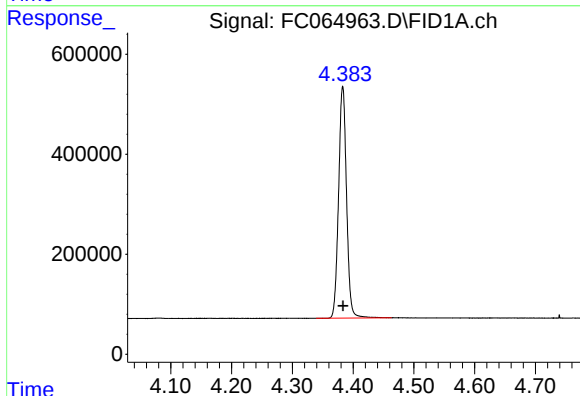
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 4167792
Conc: 22.04 ug/ml

Instrument :
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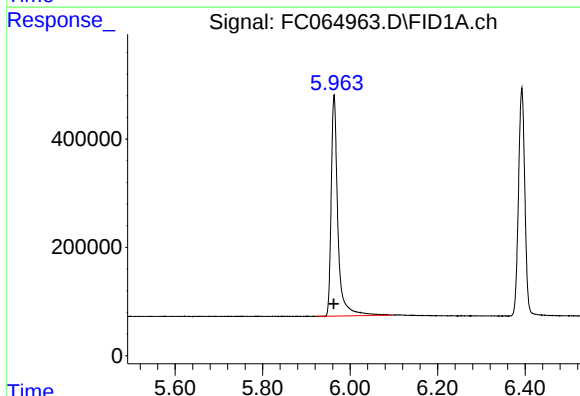
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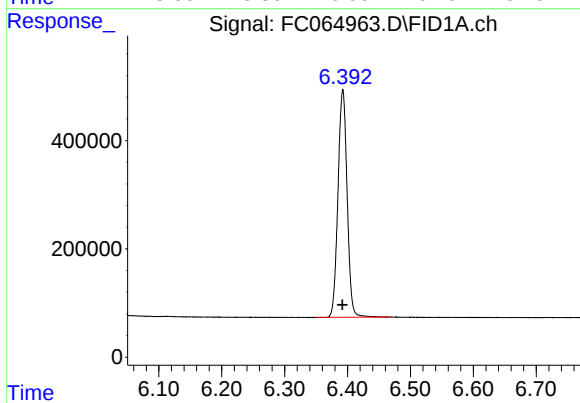
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 4218363
Conc: 22.19 ug/ml



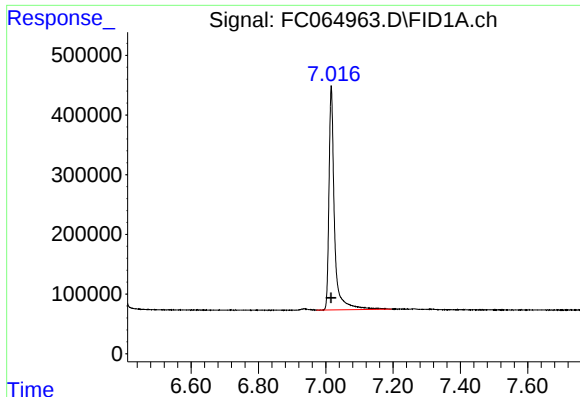
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 4339125
Conc: 22.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 4260229
Conc: 22.05 ug/ml



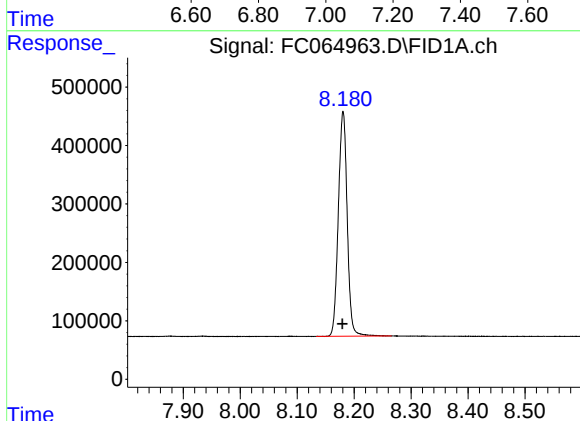
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 4241719
Conc: 23.08 ug/ml

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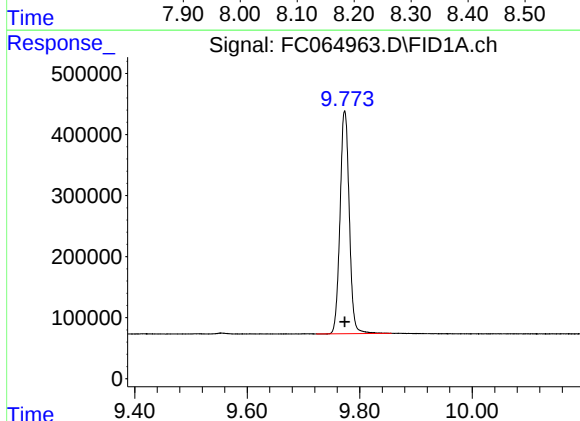
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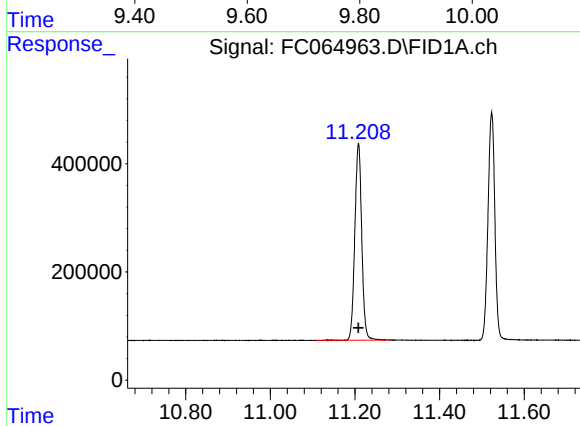
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.000 min
Response: 4168253
Conc: 22.09 ug/ml



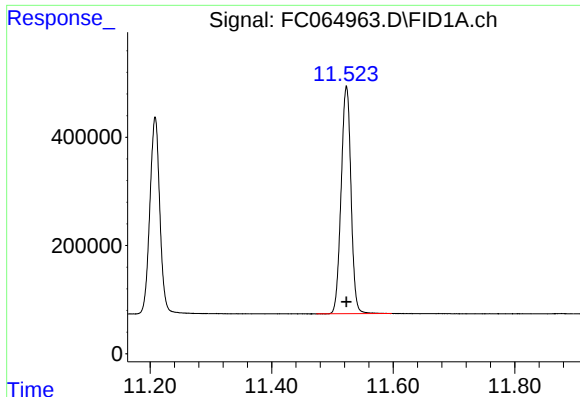
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 4163285
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 4128772
Conc: 21.88 ug/ml



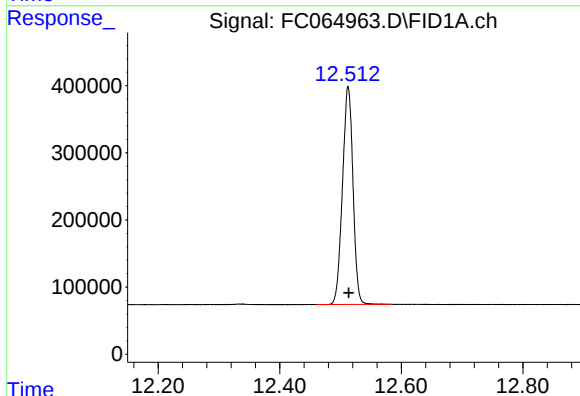
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 4730147
Conc: 21.49 ug/ml

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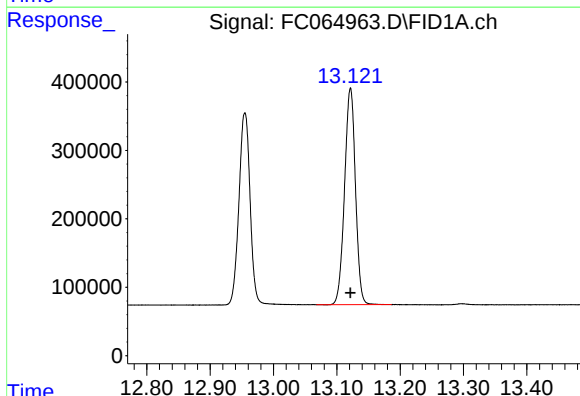
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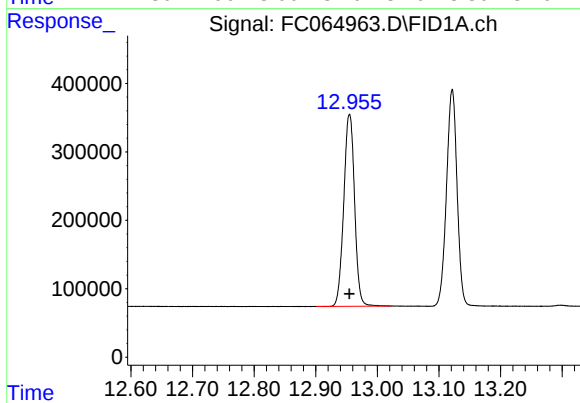
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: 0.000 min
Response: 3901478
Conc: 21.70 ug/ml



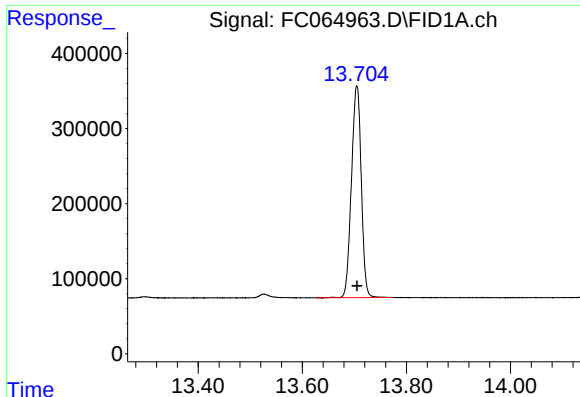
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: 0.000 min
Response: 3779646
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 3427464
Conc: 21.68 ug/ml



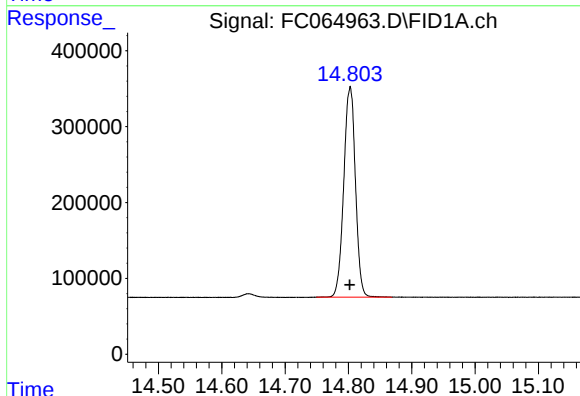
#13 n-Docosane (C22)

R.T.: 13.705 min
Delta R.T.: 0.000 min
Response: 3699669
Conc: 21.54 ug/ml

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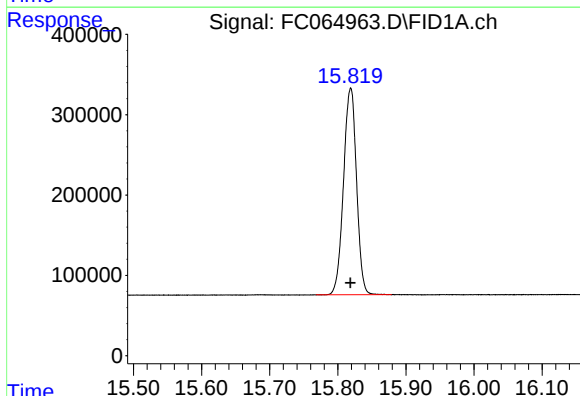
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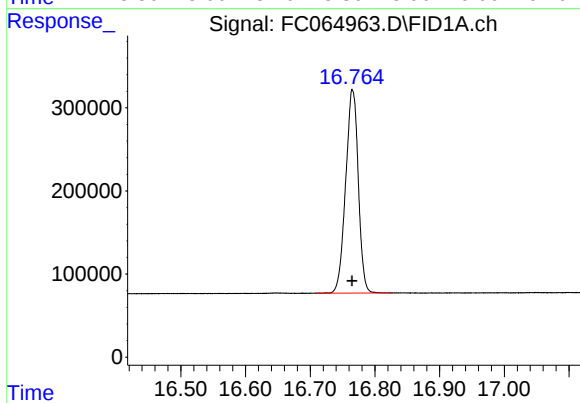
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 3550931
Conc: 21.32 ug/ml



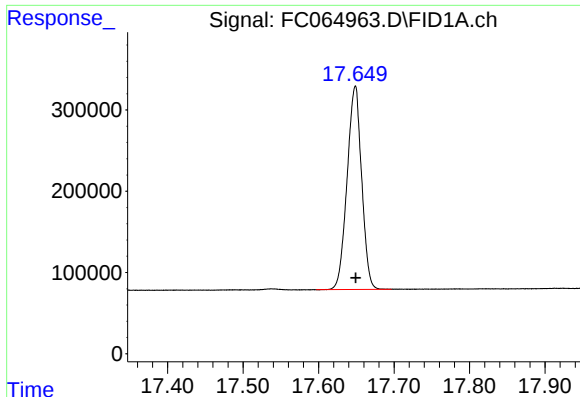
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.000 min
Response: 3417797
Conc: 21.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.000 min
Response: 3319453
Conc: 21.21 ug/ml



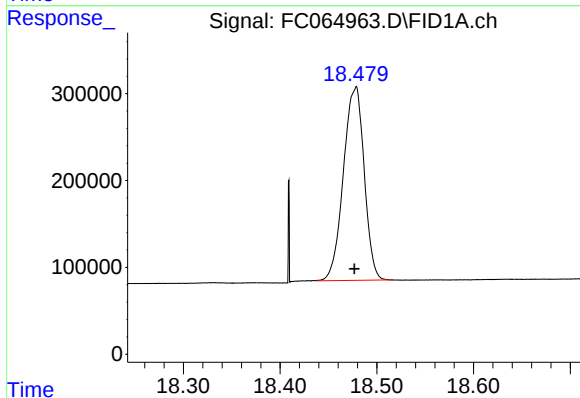
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.000 min
Response: 3350899
Conc: 21.16 ug/ml

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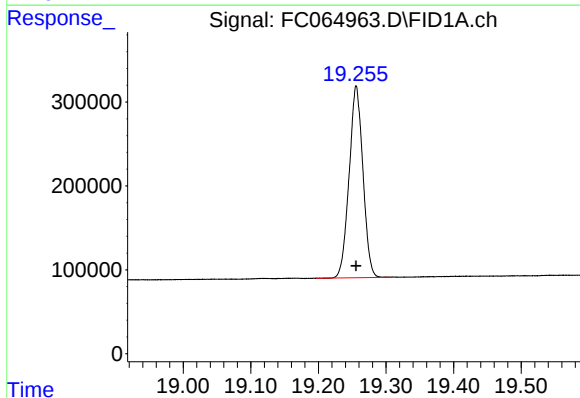
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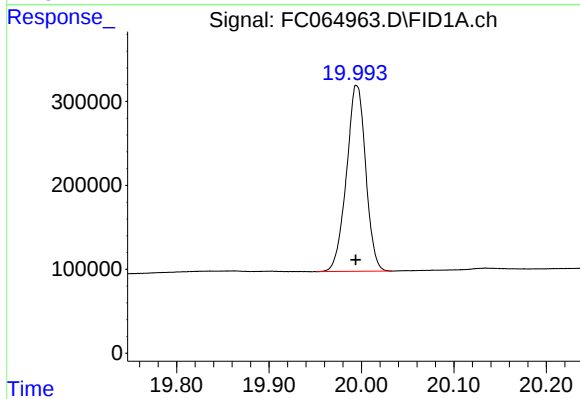
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.002 min
Response: 3327560
Conc: 21.07 ug/ml m



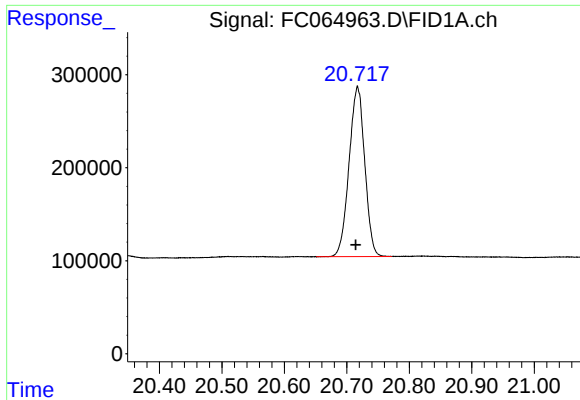
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 3238706
Conc: 21.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.001 min
Response: 3201610
Conc: 21.22 ug/ml



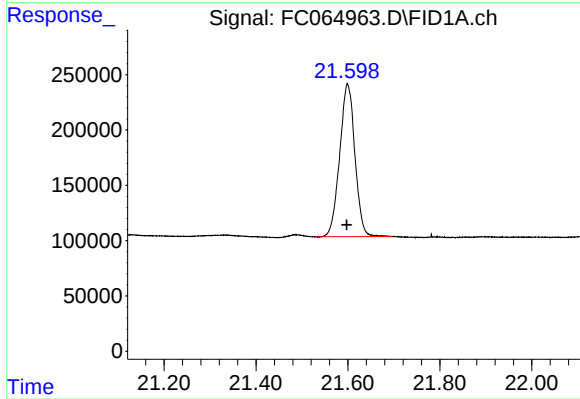
#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.003 min
Response: 3182747
Conc: 21.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.001 min
Response: 3173406
Conc: 21.58 ug/ml