

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070623AL\
 Data File : FC064049.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2023 11:57
 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 07/07/2023
 Supervised By :Ankita Jodhani 07/07/2023

Integration File: autoint1.e
 Quant Time: Jul 07 02:44:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.521	4178034	21.518 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
12) S 1-chlorooctadecane (S...	12.956	2968786	21.338 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
Target Compounds			
1) T n-Nonane (C9)	3.302	3834037	21.497 ug/ml
2) T n-Decane (C10)	4.366	3889769	21.496 ug/ml
3) T A~Naphthalene (C11.7)	5.947	4030090	21.606 ug/ml
4) T n-Dodecane (C12)	6.381	3896646	21.630 ug/ml
5) T A~2-methylnaphthalene...	7.002	3823456	21.726 ug/ml
6) T n-Tetradecane (C14)	8.172	3769962	21.793 ug/ml
7) T n-Hexadecane (C16)	9.770	3770441	21.705 ug/ml
8) T n-Octadecane (C18)	11.208	3737407	21.685 ug/ml
10) T n-Eicosane (C20)	12.513	3498815	21.433 ug/ml
11) T n-Heneicosane (C21)	13.123	3418049	21.333 ug/ml
13) T n-Docosane (C22)	13.708	3355190	21.352 ug/ml
14) T n-Tetracosane (C24)	14.807	3292520	20.889 ug/ml
15) T n-Hexacosane (C26)	15.824	3211215	21.254 ug/ml
16) T n-Octacosane (C28)	16.772	3125942	20.745 ug/ml
17) T n-Tricontane (C30)	17.656	3179688	20.366 ug/ml
18) T n-Dotriacontane (C32)	18.485	3150437	19.942 ug/ml
19) T n-Tetratriacontane (C34)	19.265	3107351	20.194 ug/ml
20) T n-Hexatriacontane (C36)	20.003	2982659	20.203 ug/mlm
21) T n-Octatriacontane (C38)	20.724	2895684	19.549 ug/ml
22) T n-Tetracontane (C40)	21.612	2759874	18.935 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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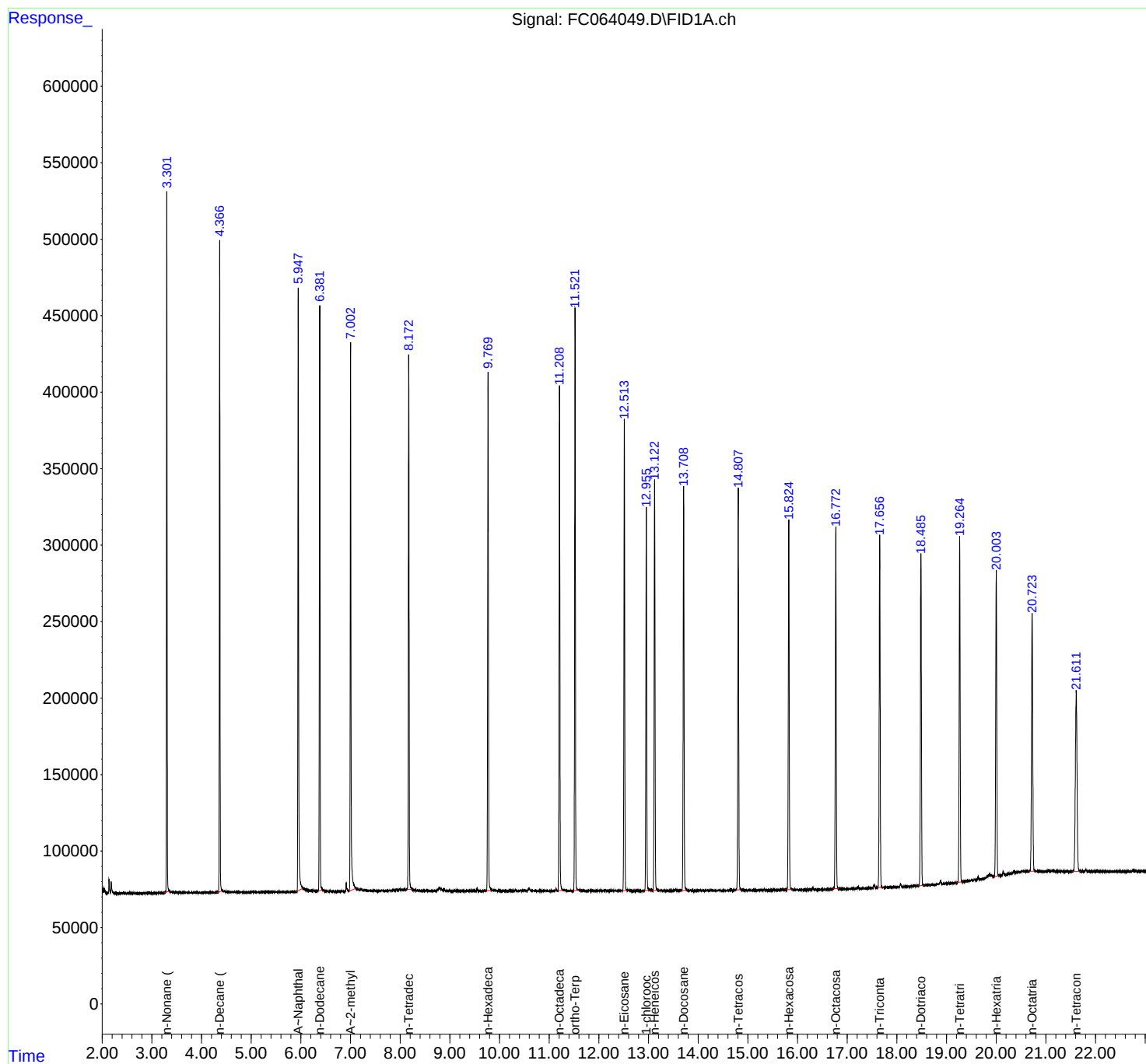
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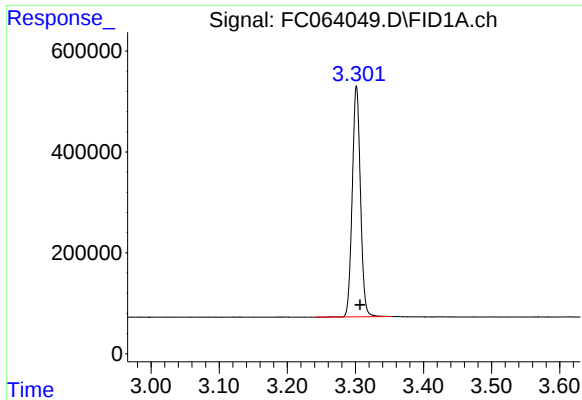
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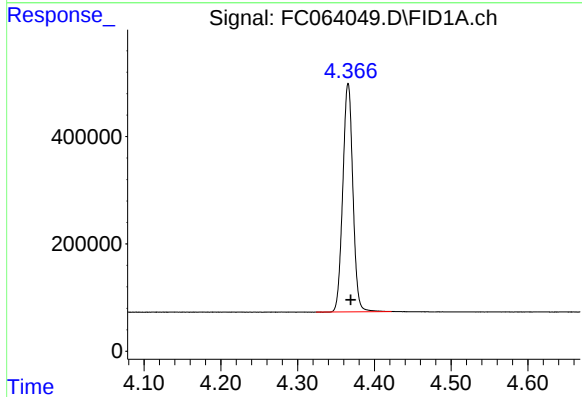
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.005 min
Response: 3834037
Conc: 21.50 ug/ml

Instrument :
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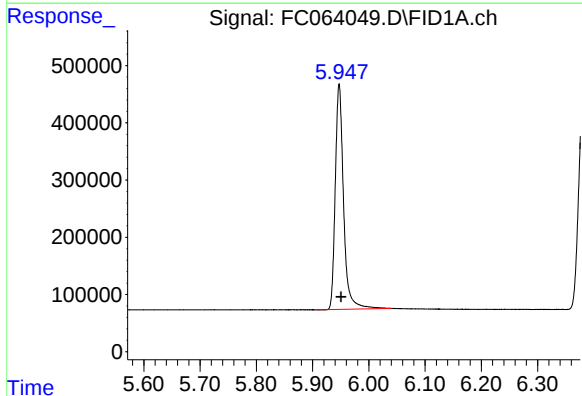
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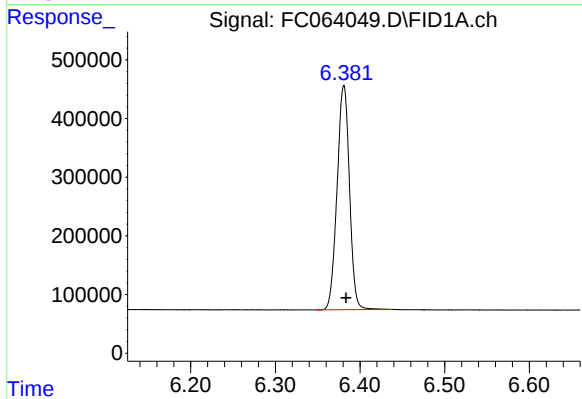
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3889769
Conc: 21.50 ug/ml



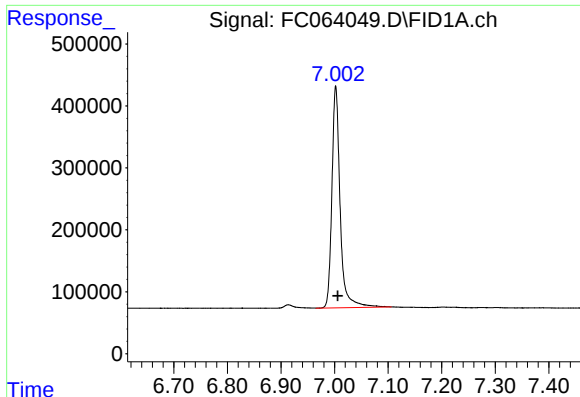
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 4030090
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 3896646
Conc: 21.63 ug/ml



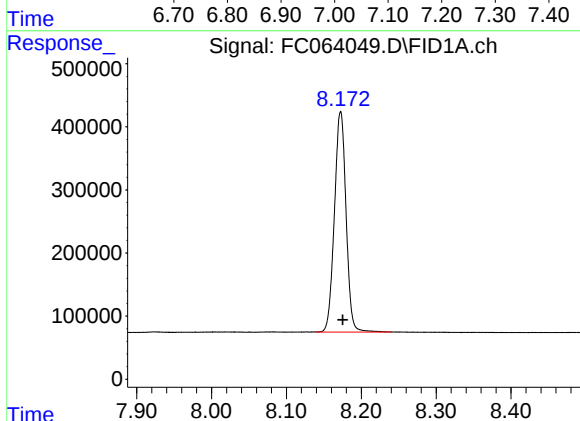
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 3823456
Conc: 21.73 ug/ml

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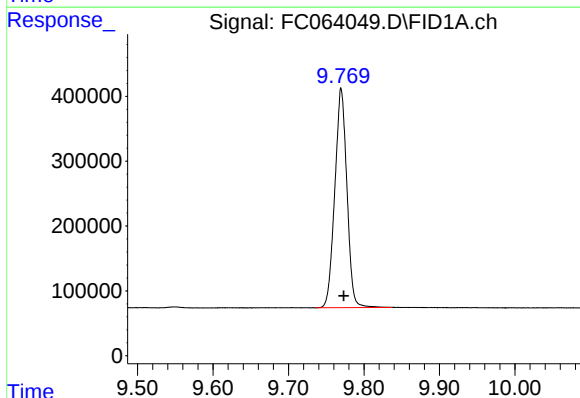
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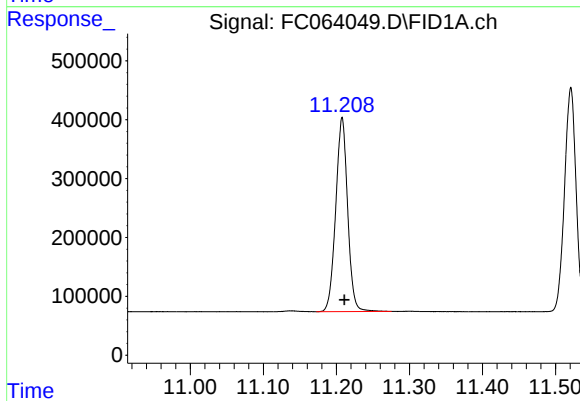
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 3769962
Conc: 21.79 ug/ml



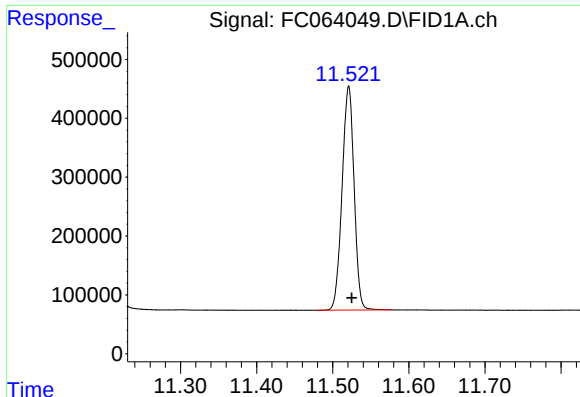
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3770441
Conc: 21.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3737407
Conc: 21.69 ug/ml



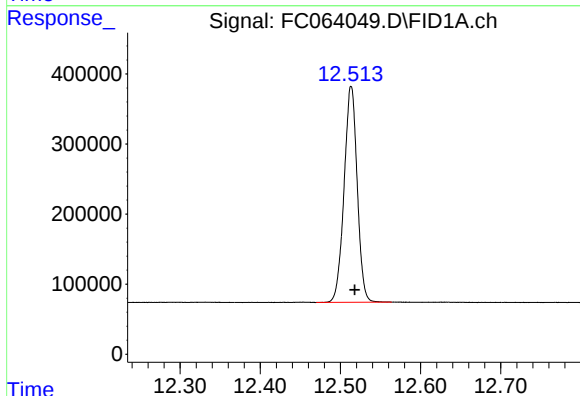
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.004 min
Response: 4178034
Conc: 21.52 ug/ml

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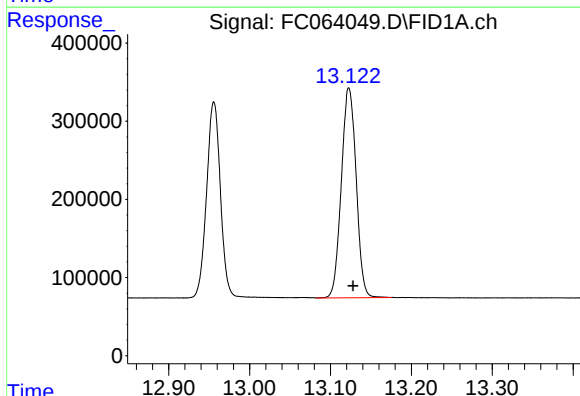
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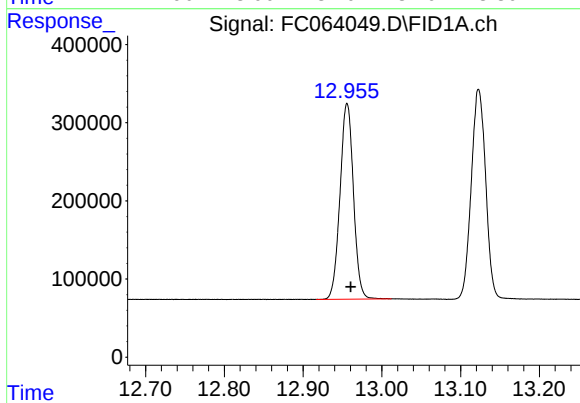
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.005 min
Response: 3498815
Conc: 21.43 ug/ml



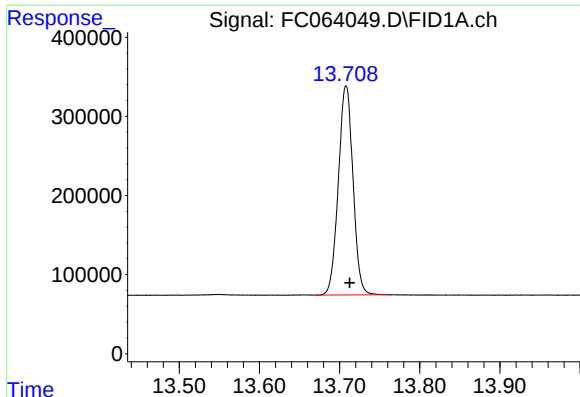
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.005 min
Response: 3418049
Conc: 21.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 2968786
Conc: 21.34 ug/ml



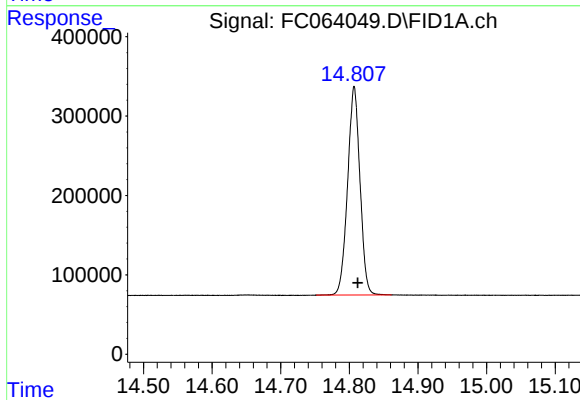
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.005 min
Response: 3355190
Conc: 21.35 ug/ml

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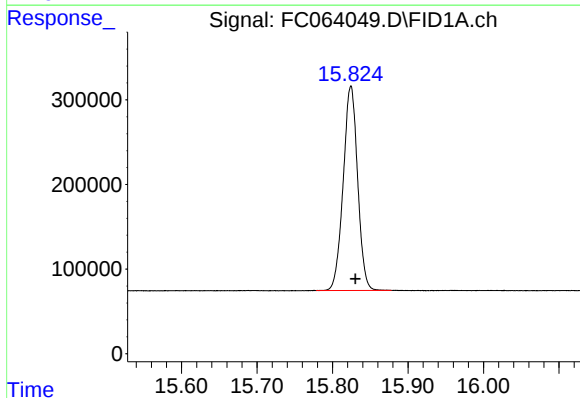
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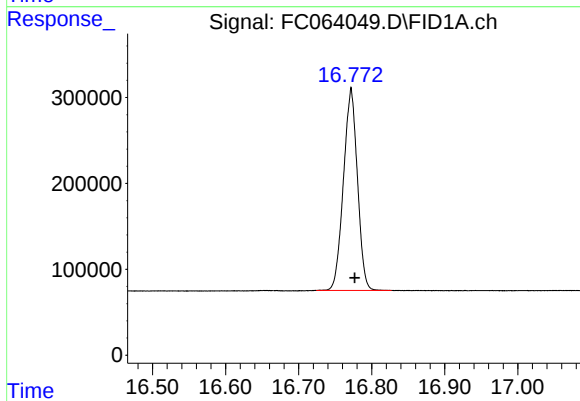
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: -0.005 min
Response: 3292520
Conc: 20.89 ug/ml



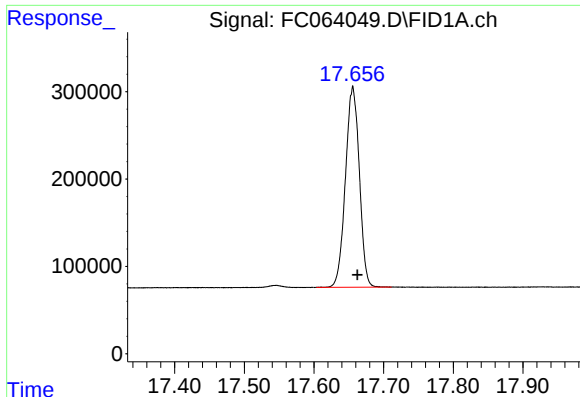
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: -0.006 min
Response: 3211215
Conc: 21.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 3125942
Conc: 20.75 ug/ml



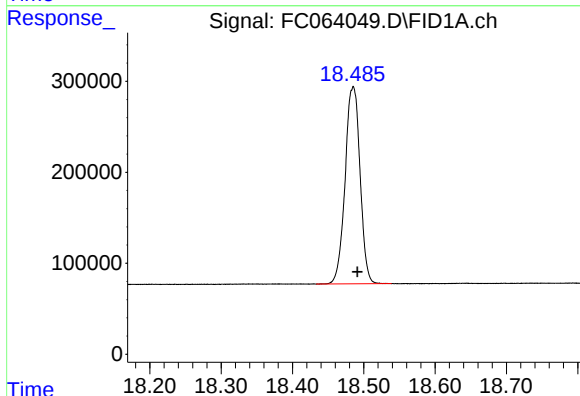
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: -0.006 min
Response: 3179688
Conc: 20.37 ug/ml

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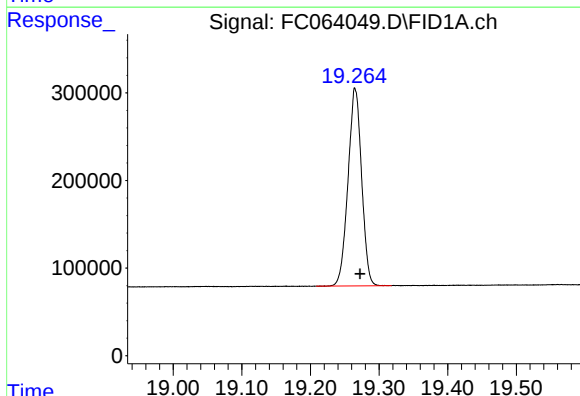
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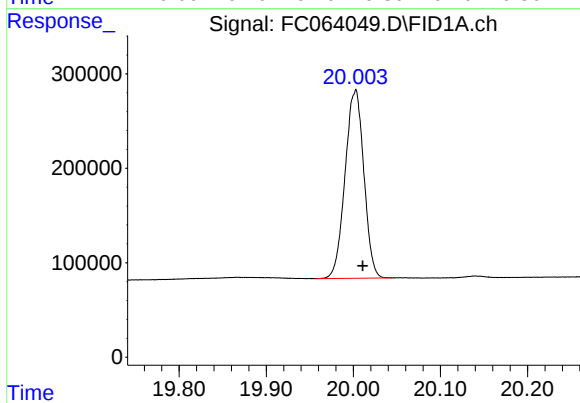
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.006 min
Response: 3150437
Conc: 19.94 ug/ml



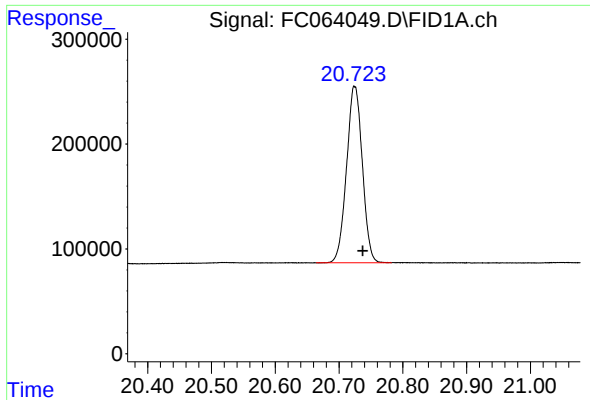
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.007 min
Response: 3107351
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.008 min
Response: 2982659
Conc: 20.20 ug/ml m



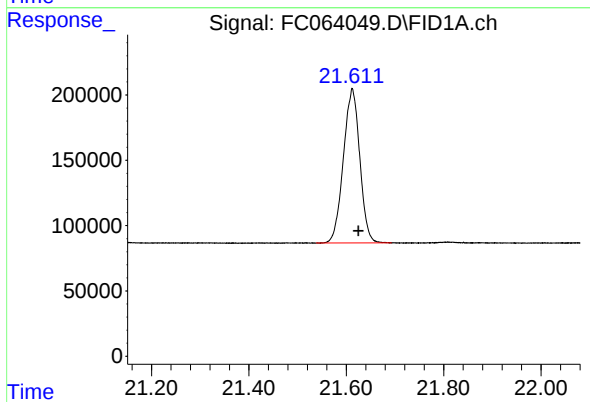
#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.013 min
Response: 2895684
Conc: 19.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.013 min
Response: 2759874
Conc: 18.93 ug/ml