

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070623AL\
 Data File : FC064064.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2023 01:49
 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 02:47:45 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)	11.522	4227738	21.774 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
12) S 1-chlorooctadecane (S...	12.958	3047854	21.906 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
Target Compounds			
1) T n-Nonane (C9)	3.307	3932580	22.050 ug/ml
2) T n-Decane (C10)	4.369	3986682	22.031 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4145892	22.226 ug/ml
4) T n-Dodecane (C12)	6.382	3961274	21.989 ug/ml
5) T A~2-methylnaphthalene...	7.004	3944393	22.413 ug/ml
6) T n-Tetradecane (C14)	8.173	3813929	22.047 ug/ml
7) T n-Hexadecane (C16)	9.770	3807909	21.921 ug/ml
8) T n-Octadecane (C18)	11.209	3763419	21.836 ug/ml
10) T n-Eicosane (C20)	12.515	3539981	21.685 ug/ml
11) T n-Heneicosane (C21)	13.124	3442183	21.484 ug/ml
13) T n-Docosane (C22)	13.709	3393912	21.599 ug/ml
14) T n-Tetracosane (C24)	14.808	3338992	21.184 ug/ml
15) T n-Hexacosane (C26)	15.824	3275851	21.682 ug/ml
16) T n-Octacosane (C28)	16.772	3202239	21.252 ug/ml
17) T n-Tricontane (C30)	17.657	3273236	20.965 ug/ml
18) T n-Dotriacontane (C32)	18.486	3248673	20.564 ug/ml
19) T n-Tetratriacontane (C34)	19.267	3208670	20.852 ug/ml
20) T n-Hexatriacontane (C36)	20.004	3094049	20.957 ug/mlm
21) T n-Octatriacontane (C38)	20.727	3084205	20.821 ug/ml
22) T n-Tetracontane (C40)	21.612	2989038	20.507 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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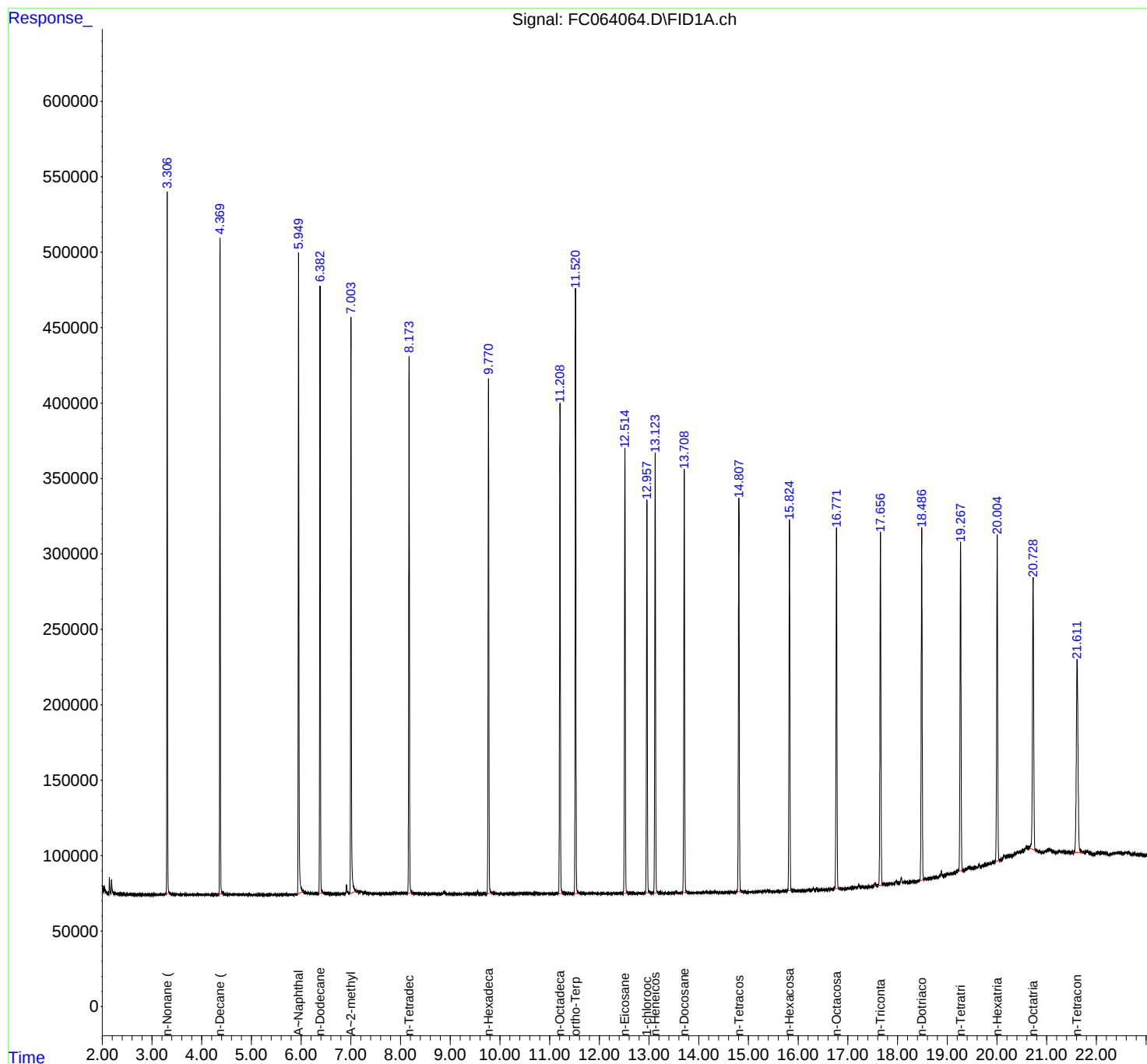
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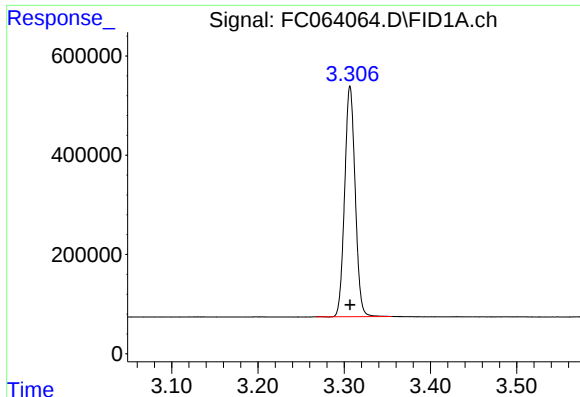
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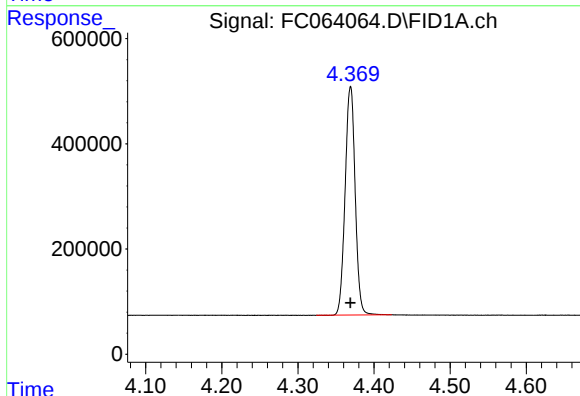
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: 0.000 min
Response: 3932580
Conc: 22.05 ug/ml

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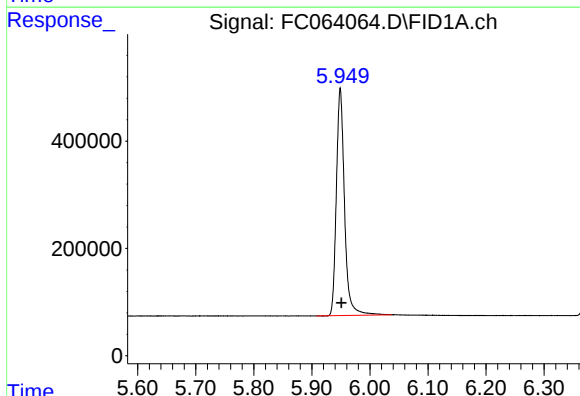
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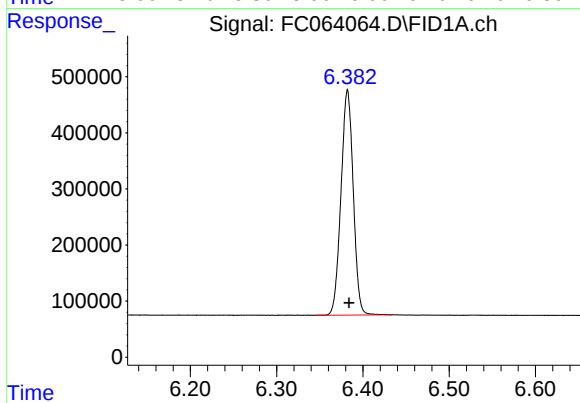
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3986682
Conc: 22.03 ug/ml



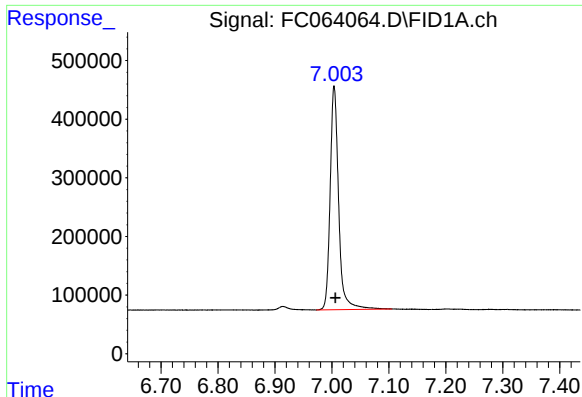
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 4145892
Conc: 22.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 3961274
Conc: 21.99 ug/ml



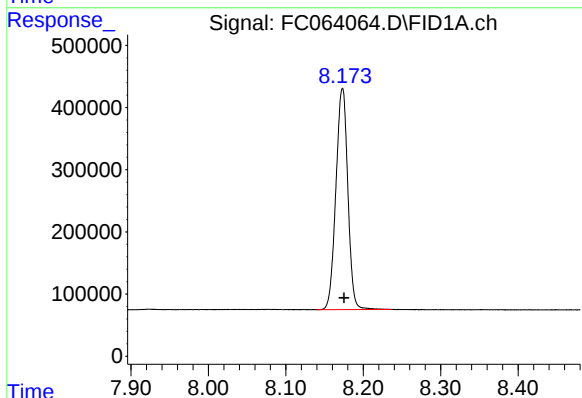
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 3944393
Conc: 22.41 ug/ml

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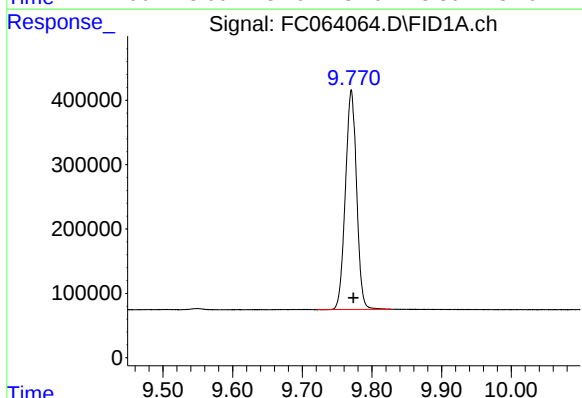
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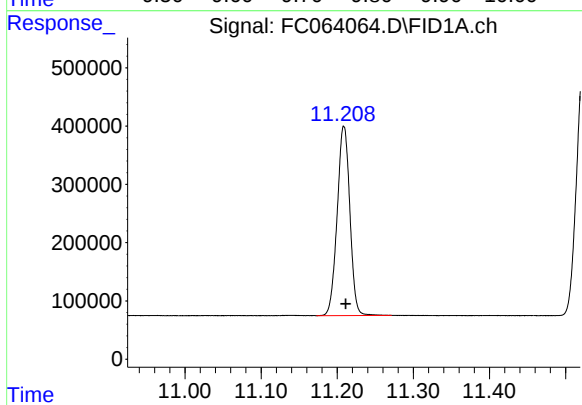
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 3813929
Conc: 22.05 ug/ml



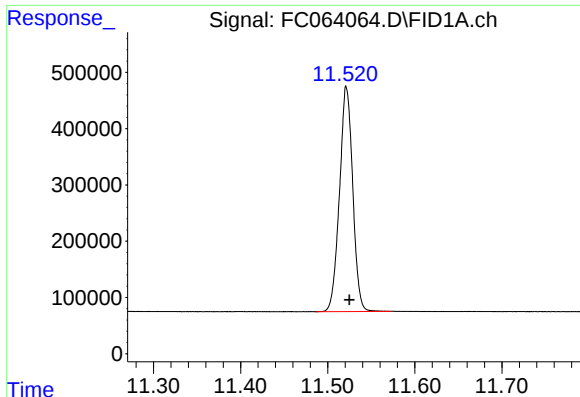
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3807909
Conc: 21.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.002 min
Response: 3763419
Conc: 21.84 ug/ml



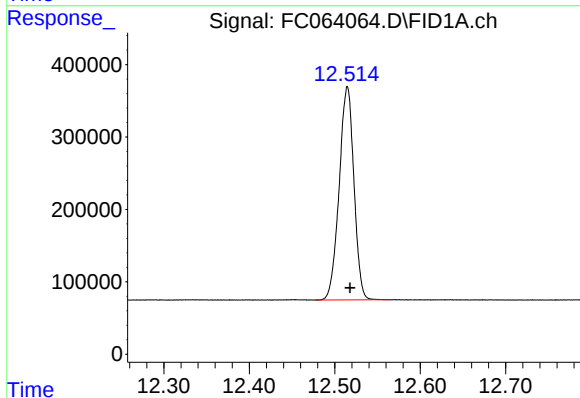
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.004 min
Response: 4227738
Conc: 21.77 ug/ml

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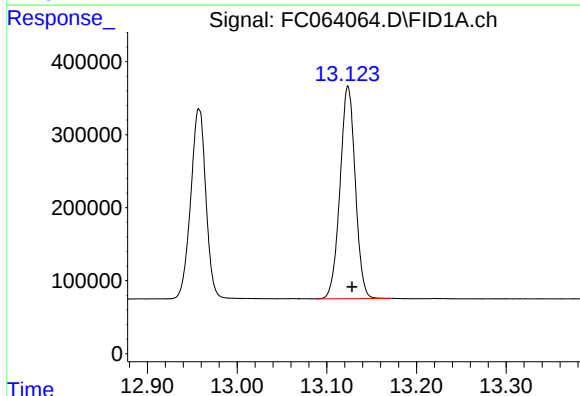
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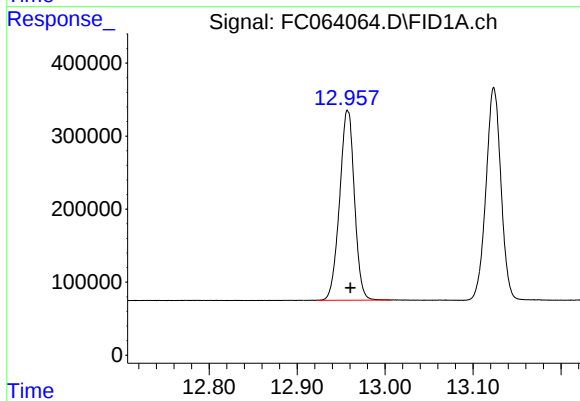
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 3539981
Conc: 21.68 ug/ml



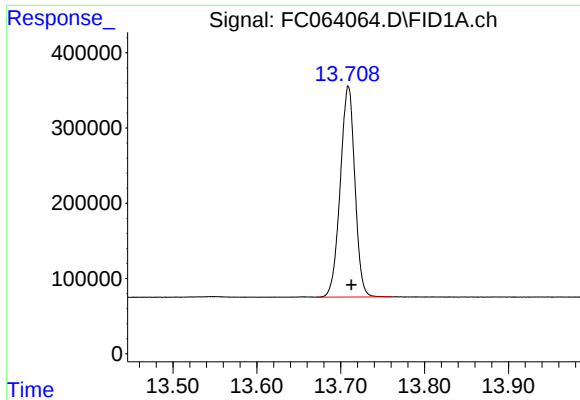
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 3442183
Conc: 21.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 3047854
Conc: 21.91 ug/ml



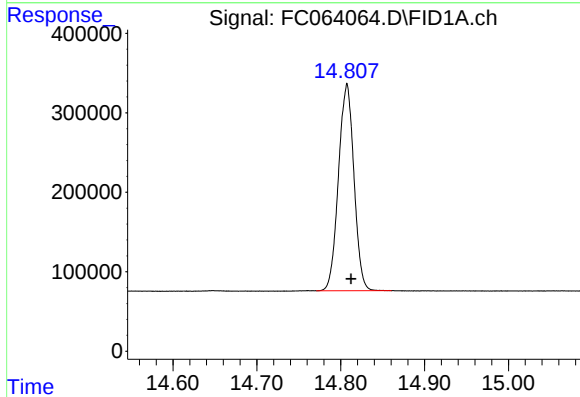
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.004 min
Response: 3393912
Conc: 21.60 ug/ml

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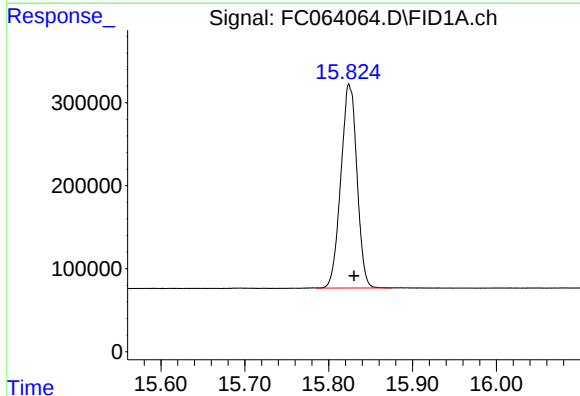
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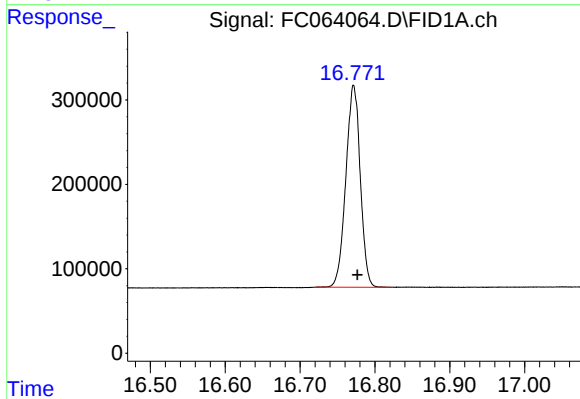
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.005 min
Response: 3338992
Conc: 21.18 ug/ml



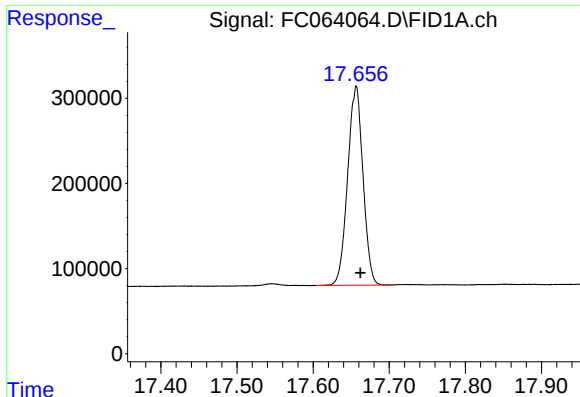
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: -0.006 min
Response: 3275851
Conc: 21.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 3202239
Conc: 21.25 ug/ml



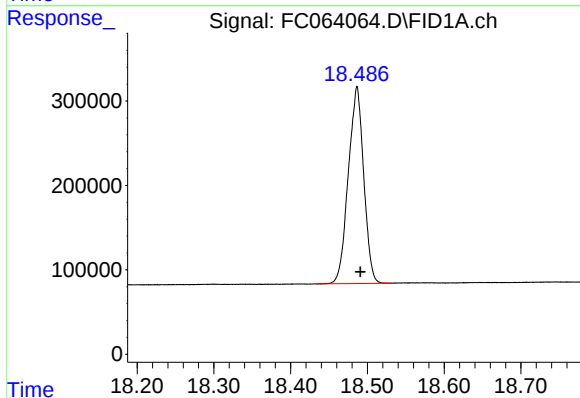
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: -0.005 min
Response: 3273236
Conc: 20.97 ug/ml

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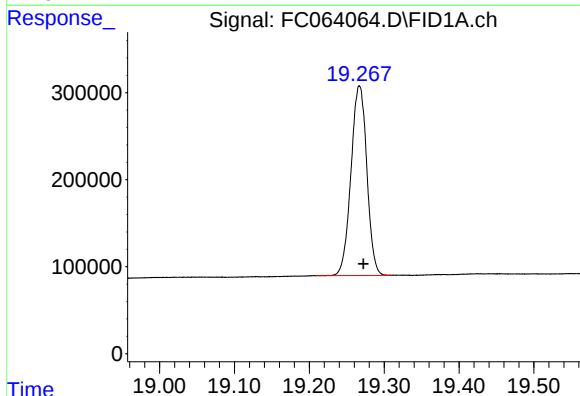
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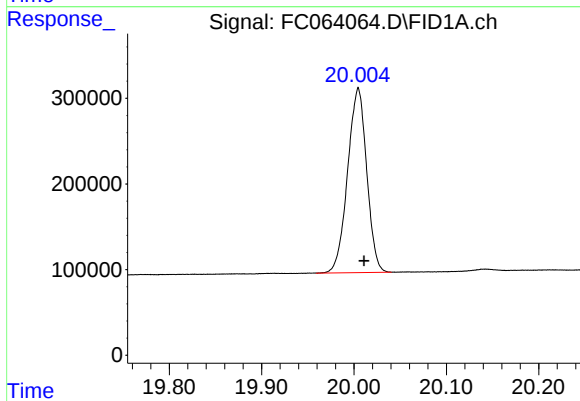
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.004 min
Response: 3248673
Conc: 20.56 ug/ml



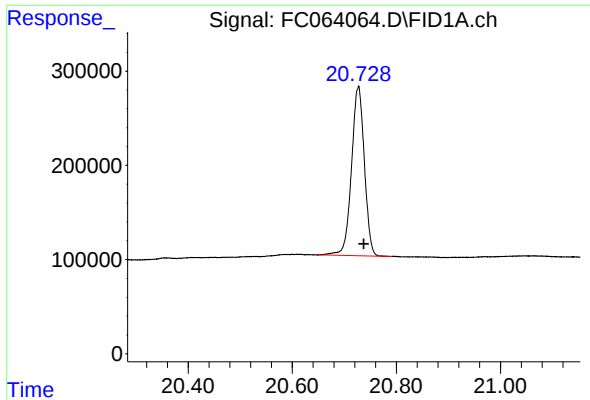
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.005 min
Response: 3208670
Conc: 20.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.006 min
Response: 3094049
Conc: 20.96 ug/ml m



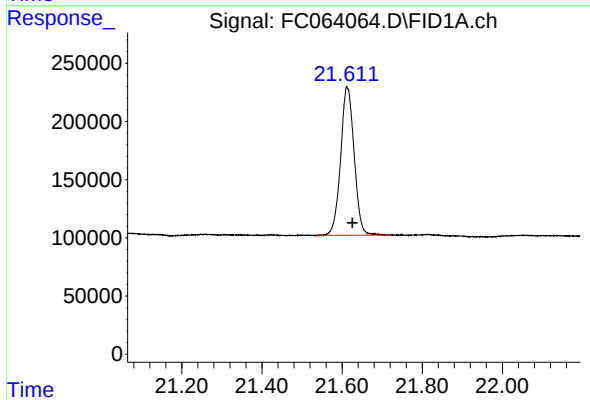
#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.010 min
Response: 3084205
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.013 min
Response: 2989038
Conc: 20.51 ug/ml