

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064787.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 11:42
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 10 12:16:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:16:18 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	1097236	5.139 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
12) S 1-chlorooctadecane (S...	12.955	745574	4.972 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
Target Compounds			
1) T n-Nonane (C9)	3.322	917008	4.993 ug/ml
2) T n-Decane (C10)	4.382	897749	4.908 ug/ml
3) T A~Naphthalene (C11.7)	5.975	895076	4.755 ug/mlm
4) T n-Dodecane (C12)	6.392	932534	5.003 ug/ml
5) T A~2-methylnaphthalene...	7.036	743549	4.244 ug/mlm
6) T n-Tetradecane (C14)	8.179	889209	4.951 ug/ml
7) T n-Hexadecane (C16)	9.775	873780	4.912 ug/ml
8) T n-Octadecane (C18)	11.208	917875	5.115 ug/ml
10) T n-Eicosane (C20)	12.512	891530	5.178 ug/ml
11) T n-Heneicosane (C21)	13.120	887252	5.239 ug/ml
13) T n-Docosane (C22)	13.703	853248	5.178 ug/ml
14) T n-Tetracosane (C24)	14.803	825373	5.186 ug/ml
15) T n-Hexacosane (C26)	15.818	798766	5.214 ug/ml
16) T n-Octacosane (C28)	16.762	771873	5.238 ug/ml
17) T n-Tricontane (C30)	17.646	775272	5.299 ug/ml
18) T n-Dotriacontane (C32)	18.477	772984	5.353 ug/ml
19) T n-Tetratriacontane (C34)	19.255	747936	5.316 ug/ml
20) T n-Hexatriacontane (C36)	19.992	717072	5.183 ug/ml
21) T n-Octatriacontane (C38)	20.711	678151	5.119 ug/ml
22) T n-Tetracontane (C40)	21.596	634481	5.070 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC064787.D
Signal(s) : FID1A.ch
Acq On : 10 Oct 2023 11:42
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

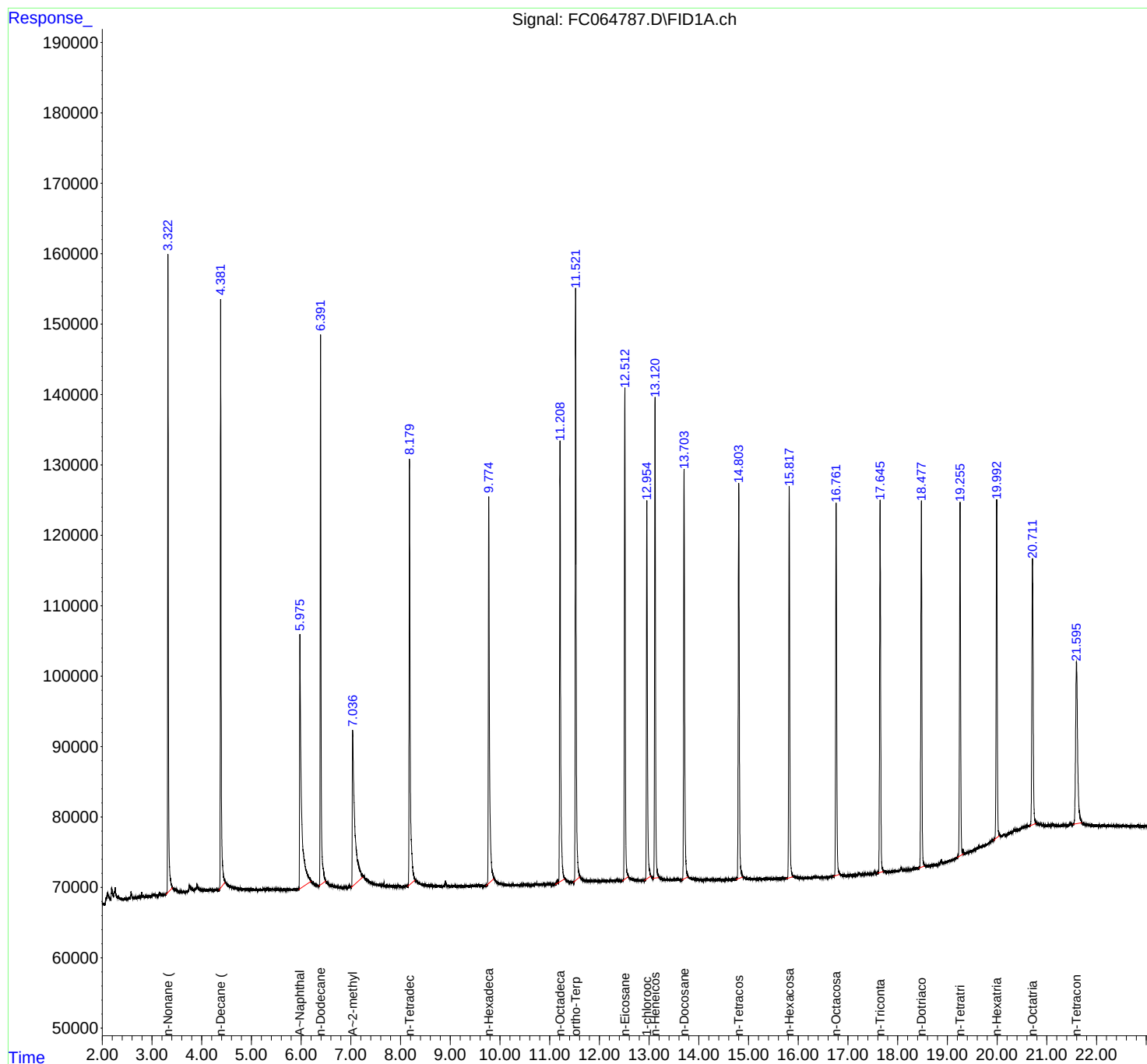
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

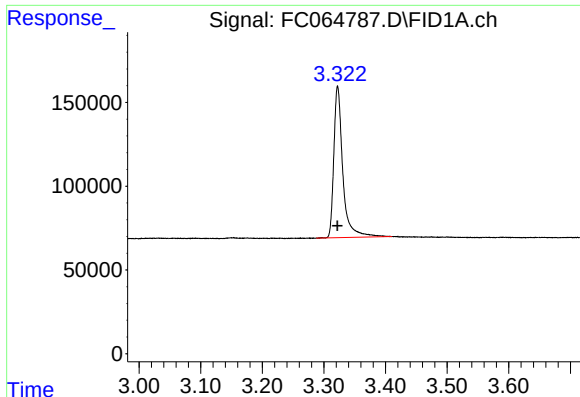
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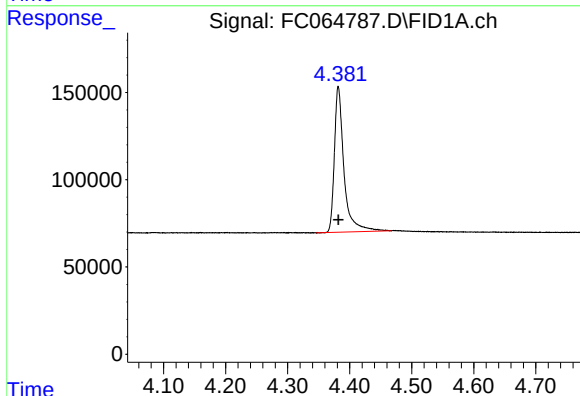
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 917008
Conc: 4.99 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

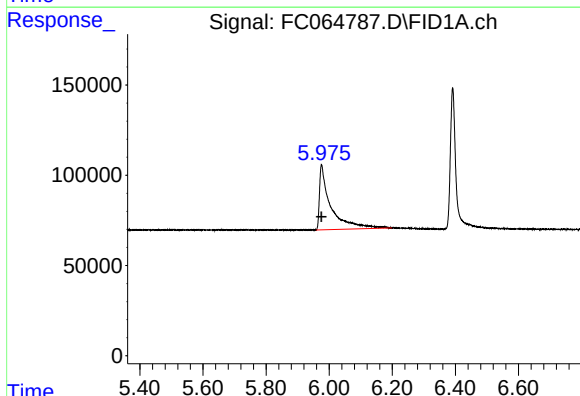
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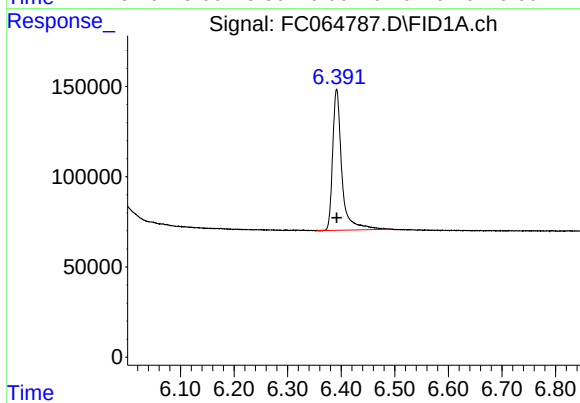
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 897749
Conc: 4.91 ug/ml



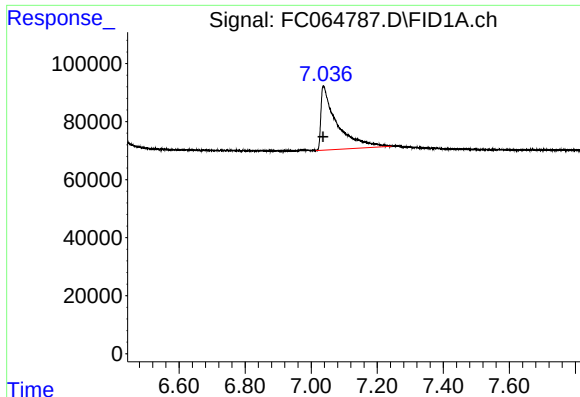
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 895076
Conc: 4.76 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 932534
Conc: 5.00 ug/ml



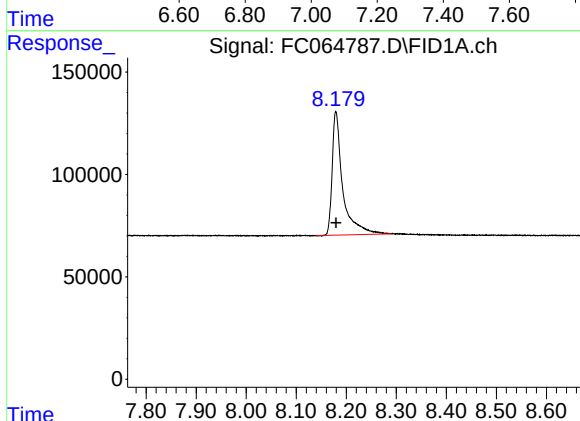
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 743549
Conc: 4.24 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

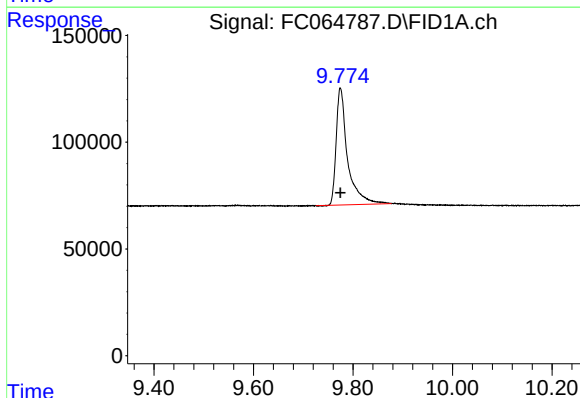
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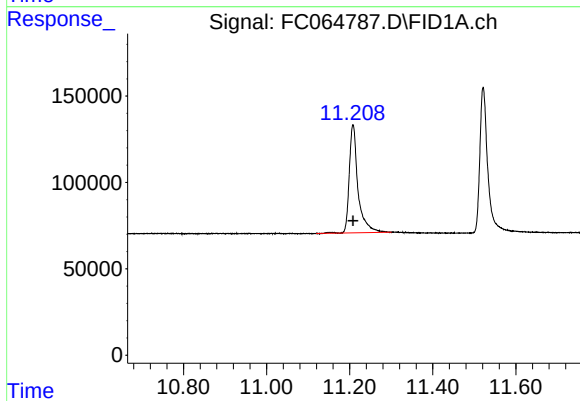
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 889209
Conc: 4.95 ug/ml



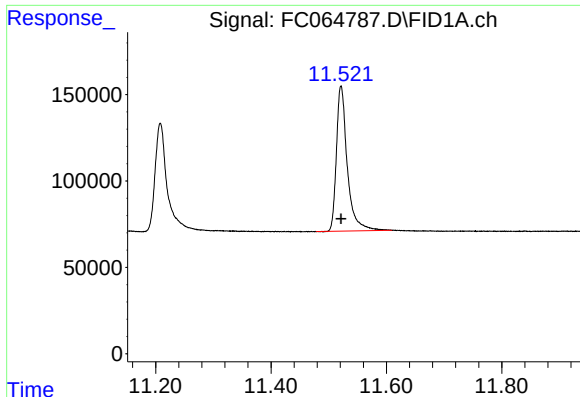
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 873780
Conc: 4.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 917875
Conc: 5.12 ug/ml



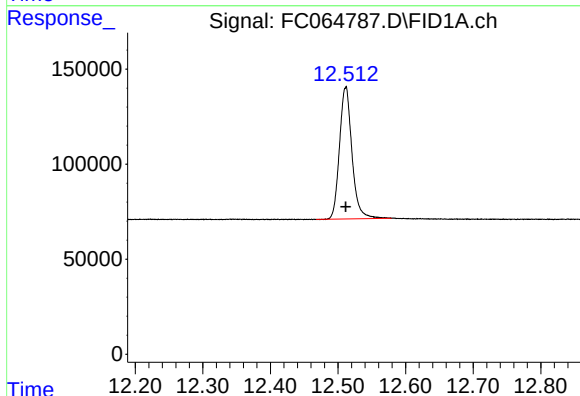
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 1097236
Conc: 5.14 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

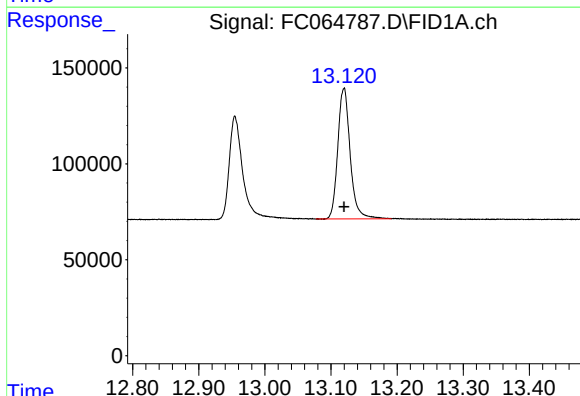
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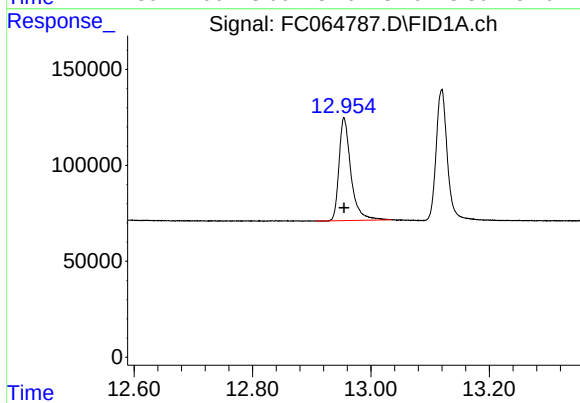
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.000 min
Response: 891530
Conc: 5.18 ug/ml



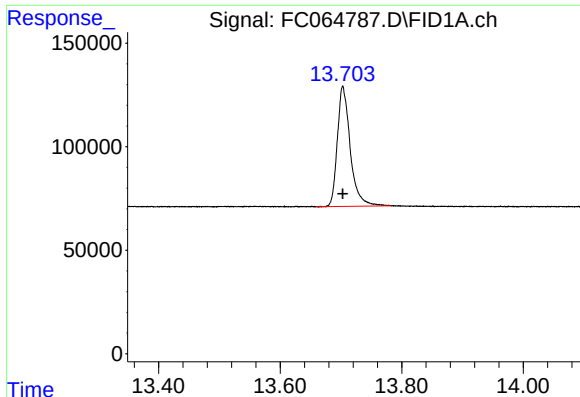
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 887252
Conc: 5.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 745574
Conc: 4.97 ug/ml



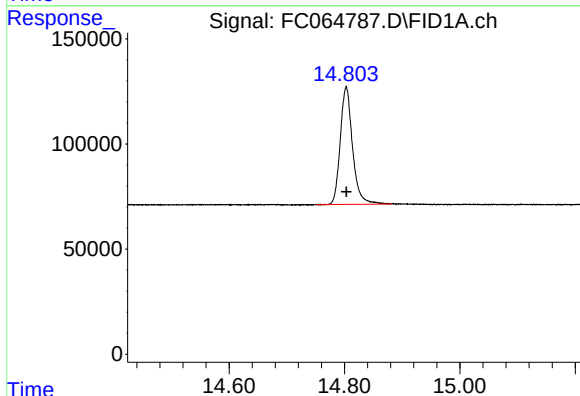
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 853248
Conc: 5.18 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

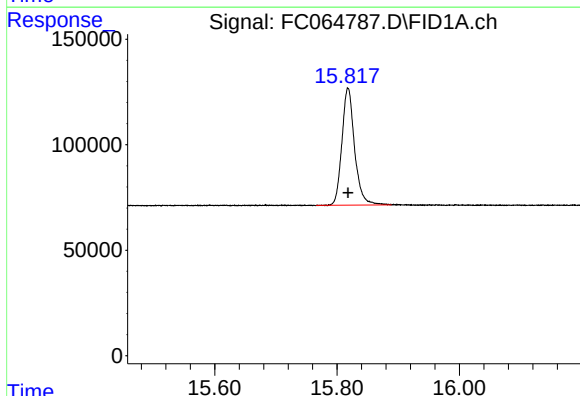
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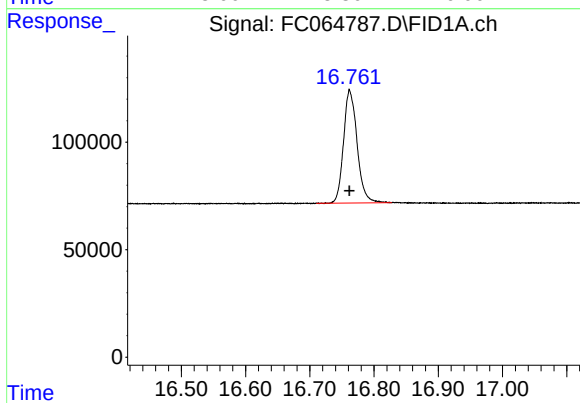
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 825373
Conc: 5.19 ug/ml



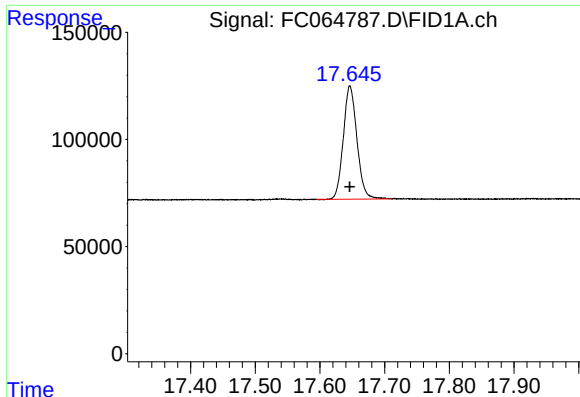
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 798766
Conc: 5.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 771873
Conc: 5.24 ug/ml



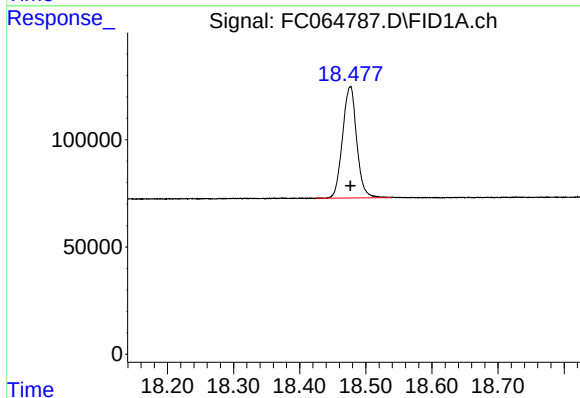
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 775272
Conc: 5.30 ug/ml

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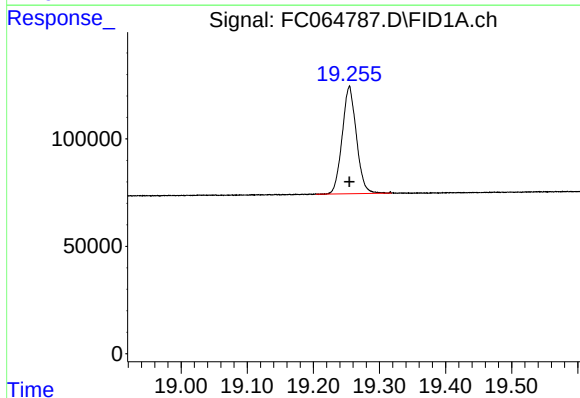
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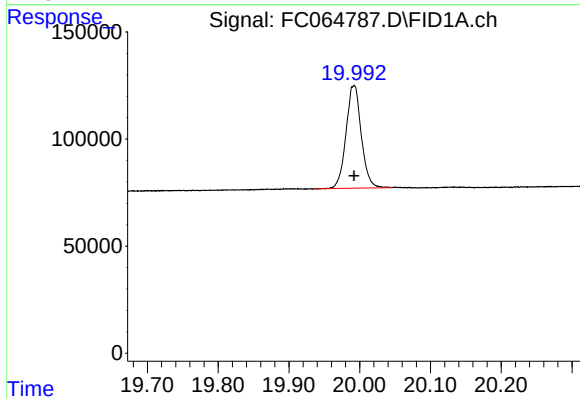
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 772984
Conc: 5.35 ug/ml



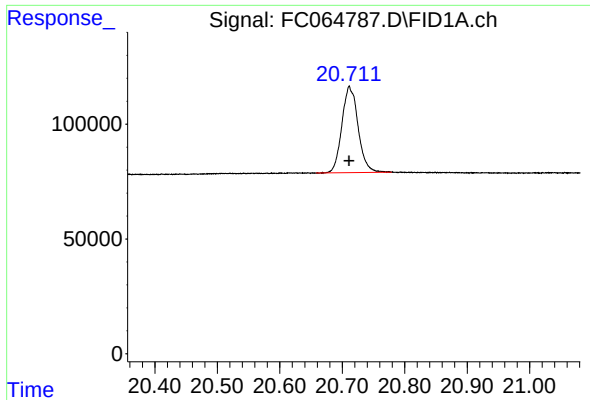
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 747936
Conc: 5.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: 0.000 min
Response: 717072
Conc: 5.18 ug/ml



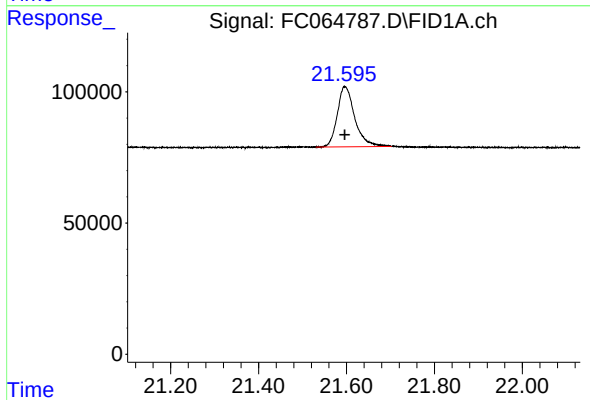
#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.000 min
Response: 678151
Conc: 5.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 634481
Conc: 5.07 ug/ml