

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100622AL\
 Data File : FC061719.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2022 02:26
 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 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 03:55:59 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)	11.582	3475014	20.334 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	13.020	2742732	20.077 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T n-Nonane (C9)	3.338	3055809	20.472 ug/ml
2) T n-Decane (C10)	4.407	3153768	20.908 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3444089	20.768 ug/ml
4) T n-Dodecane (C12)	6.424	3216836	21.155 ug/ml
5) T A~2-methylnaphthalene...	7.047	3408343	20.720 ug/ml
6) T n-Tetradecane (C14)	8.221	3248170	21.305 ug/ml
7) T n-Hexadecane (C16)	9.823	3284672	21.243 ug/ml
8) T n-Octadecane (C18)	11.266	3310041	20.997 ug/ml
10) T n-Eicosane (C20)	12.576	3304885	20.739 ug/ml
11) T n-Heneicosane (C21)	13.188	3252680	20.274 ug/ml
13) T n-Docosane (C22)	13.775	3314771	20.632 ug/ml
14) T n-Tetracosane (C24)	14.878	3346977	20.893 ug/ml
15) T n-Hexacosane (C26)	15.899	3318482	20.933 ug/ml
16) T n-Octacosane (C28)	16.848	3284534	21.191 ug/ml
17) T n-Tricontane (C30)	17.735	3343247	21.725 ug/ml
18) T n-Dotriacontane (C32)	18.568	3220087	21.296 ug/ml
19) T n-Tetratriacontane (C34)	19.350	2813171	19.840 ug/ml
20) T n-Hexatriacontane (C36)	20.091	2659215	19.262 ug/ml
21) T n-Octatriacontane (C38)	20.826	2615877	20.199 ug/mlm
22) T n-Tetracontane (C40)	21.739	2317650	18.965 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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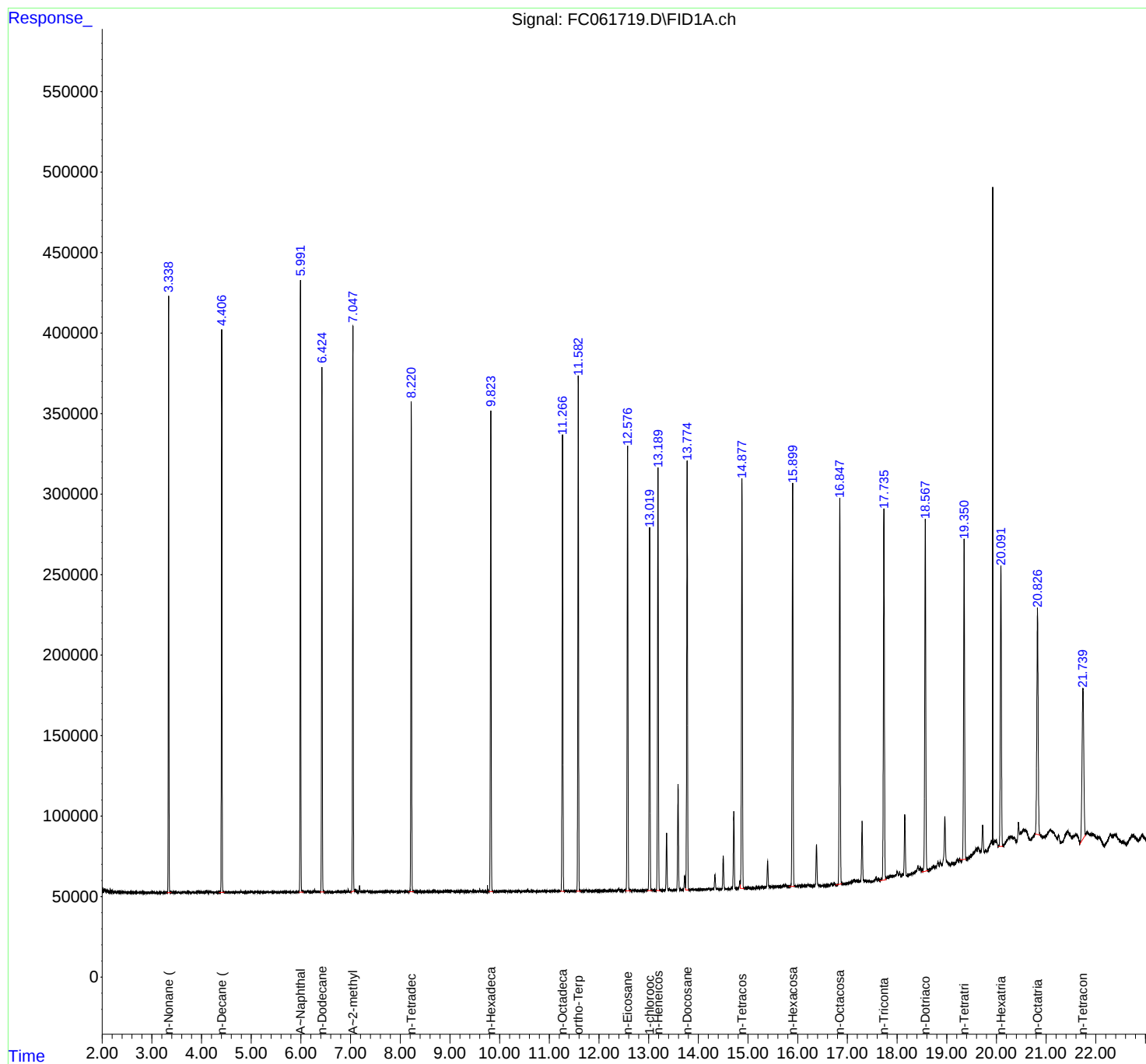
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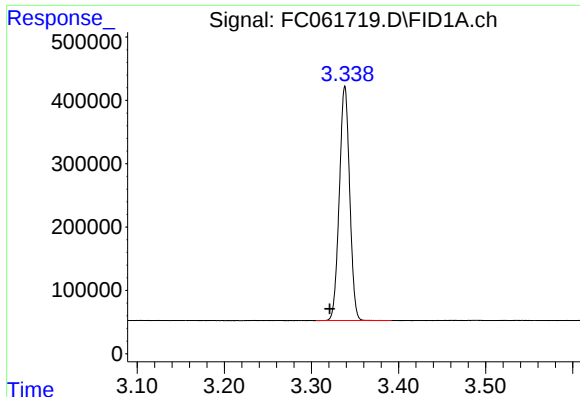
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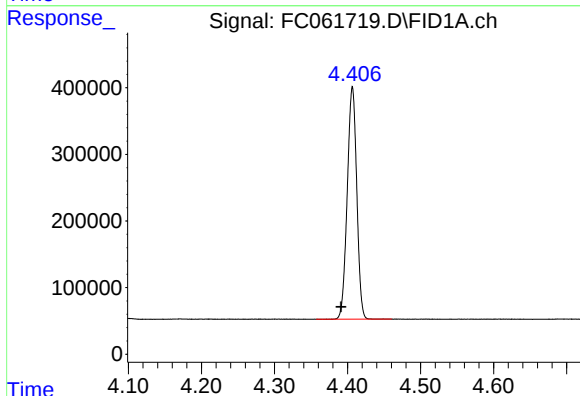
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: 0.017 min
Response: 3055809
Conc: 20.47 ug/ml

Instrument :
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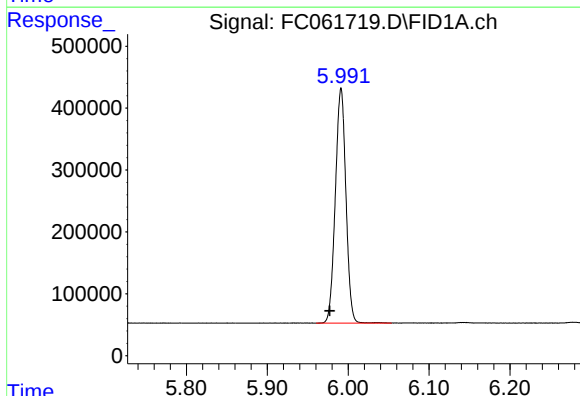
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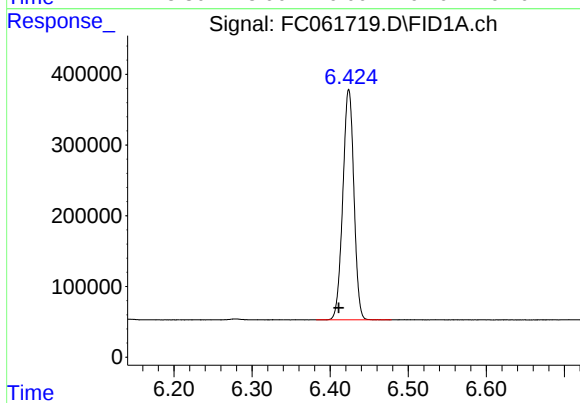
#2 n-Decane (C10)

R.T.: 4.407 min
Delta R.T.: 0.015 min
Response: 3153768
Conc: 20.91 ug/ml



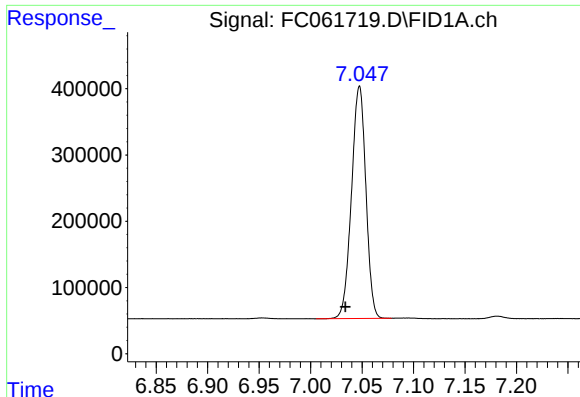
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.014 min
Response: 3444089
Conc: 20.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: 0.013 min
Response: 3216836
Conc: 21.16 ug/ml



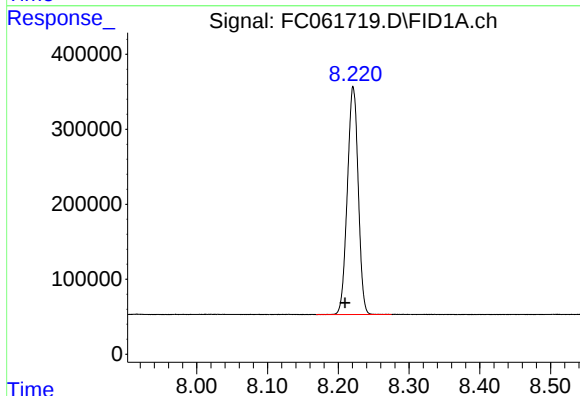
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.047 min
Delta R.T.: 0.013 min
Response: 3408343
Conc: 20.72 ug/ml

Instrument :
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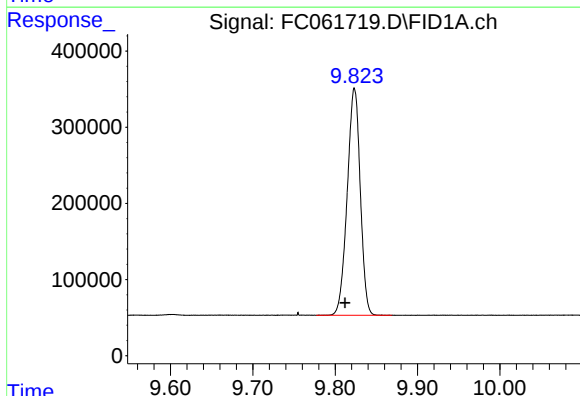
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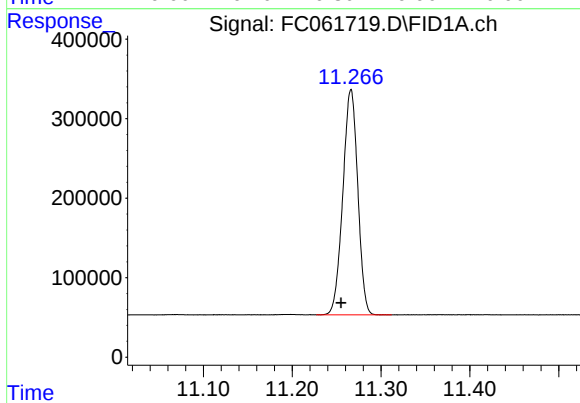
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: 0.011 min
Response: 3248170
Conc: 21.31 ug/ml



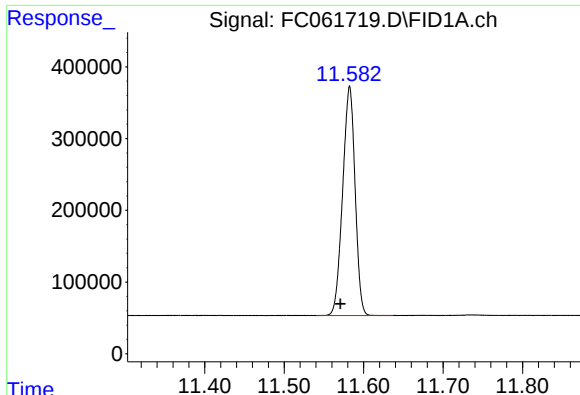
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: 0.011 min
Response: 3284672
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.011 min
Response: 3310041
Conc: 21.00 ug/ml



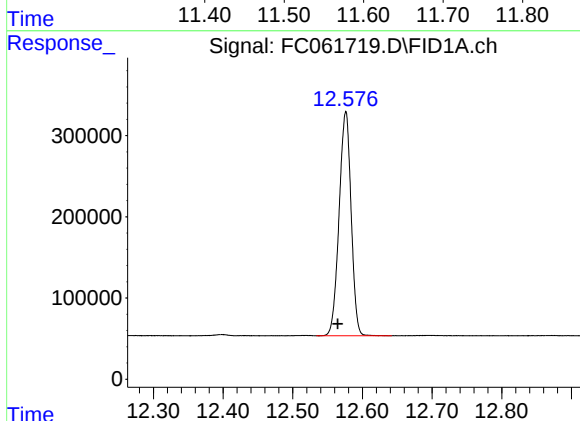
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.012 min
Response: 3475014
Conc: 20.33 ug/ml

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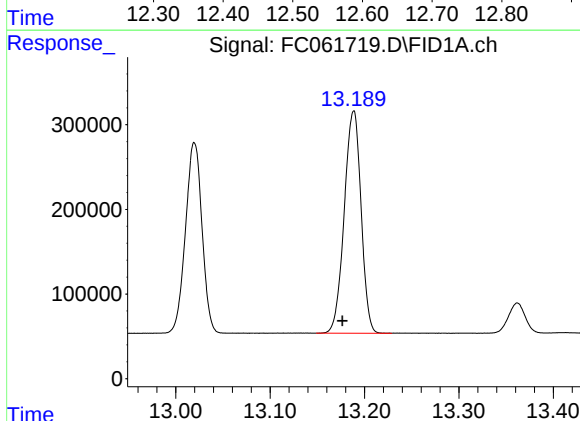
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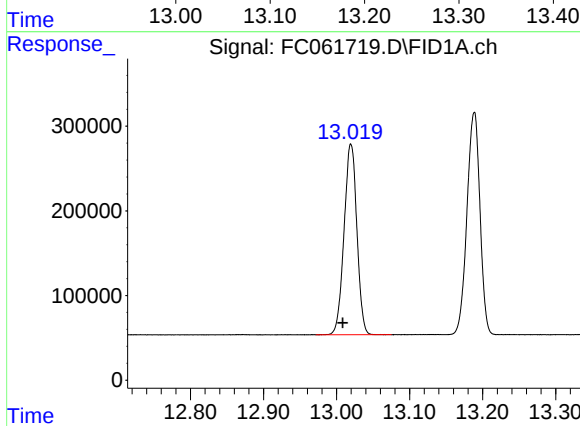
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.011 min
Response: 3304885
Conc: 20.74 ug/ml



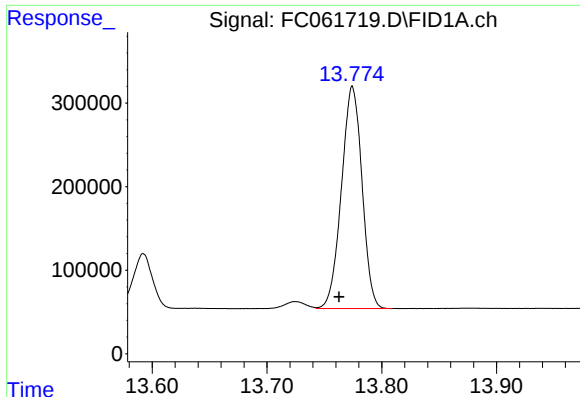
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: 0.012 min
Response: 3252680
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: 0.011 min
Response: 2742732
Conc: 20.08 ug/ml



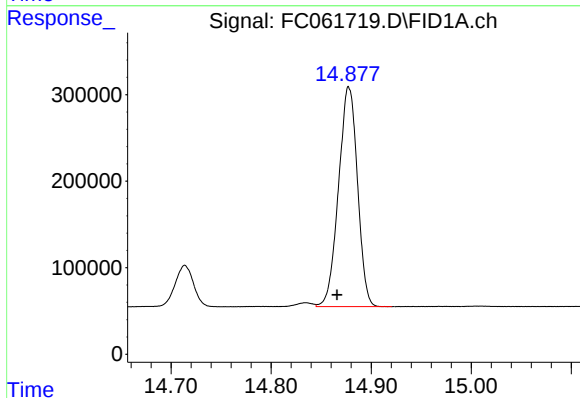
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.012 min
Response: 3314771
Conc: 20.63 ug/ml

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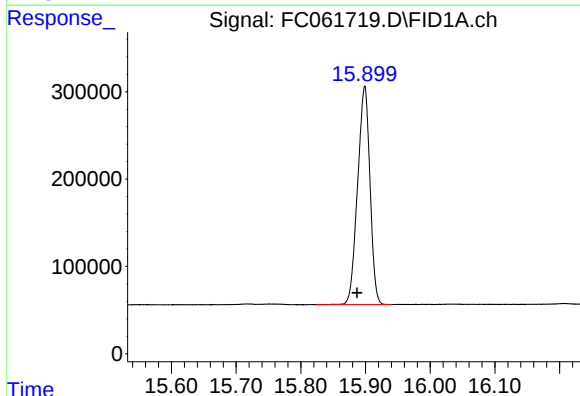
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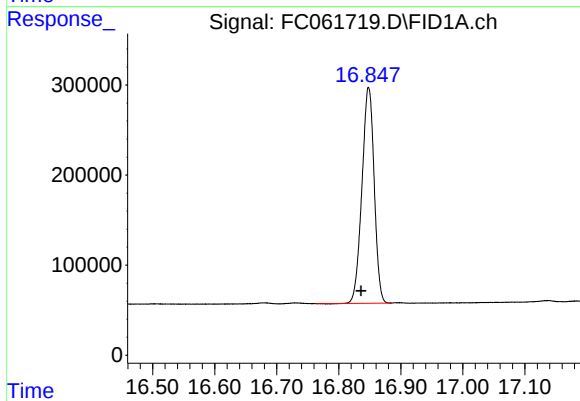
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: 0.012 min
Response: 3346977
Conc: 20.89 ug/ml



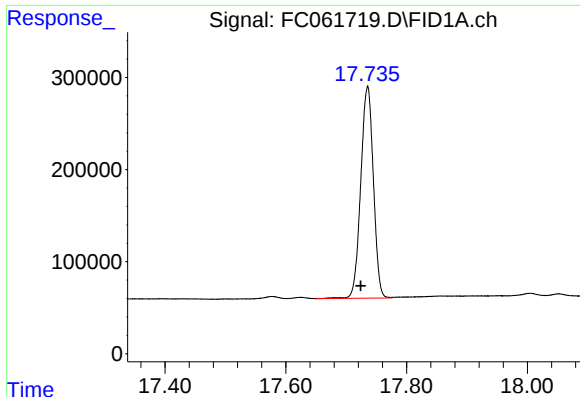
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.012 min
Response: 3318482
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: 0.012 min
Response: 3284534
Conc: 21.19 ug/ml



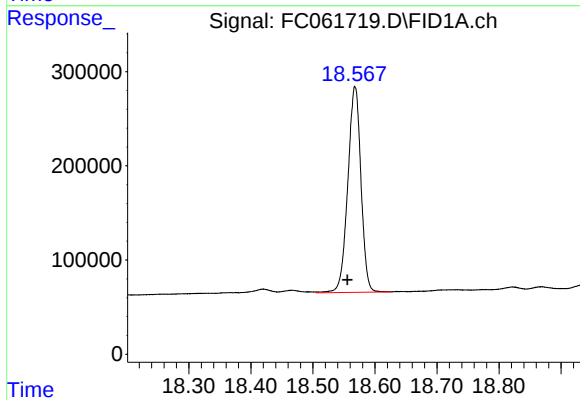
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: 0.011 min
Response: 3343247
Conc: 21.72 ug/ml

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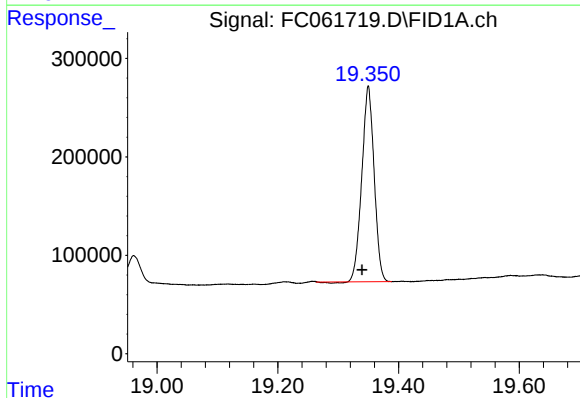
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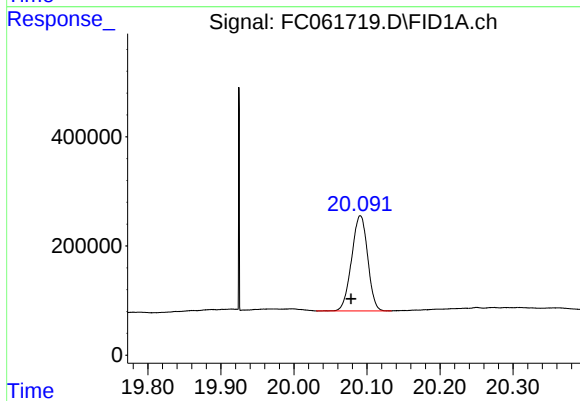
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.012 min
Response: 3220087
Conc: 21.30 ug/ml



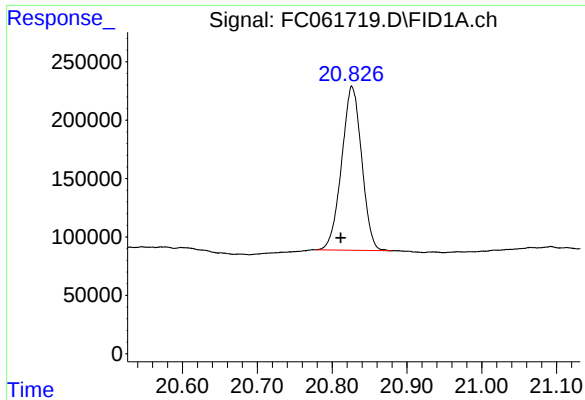
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: 0.010 min
Response: 2813171
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: 0.013 min
Response: 2659215
Conc: 19.26 ug/ml



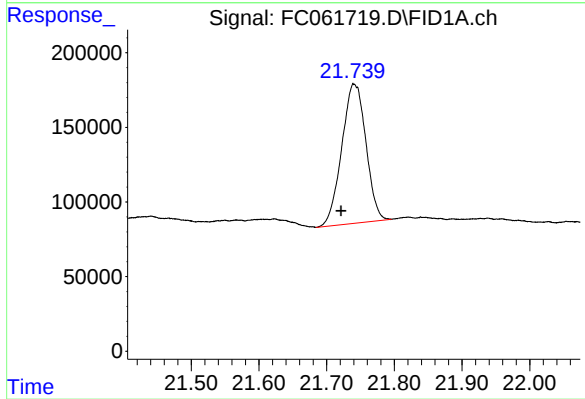
#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: 0.014 min
Response: 2615877
Conc: 20.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: 0.017 min
Response: 2317650
Conc: 18.97 ug/ml m