

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090722AL\
 Data File : FC061446.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2022 14:04
 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 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 04:48:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.580	2947531	16.650 ug/ml
Spiked Amount 50.000		Recovery =	33.30%
12) S 1-chlorooctadecane (S...	13.017	2326489	16.612 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T n-Nonane (C9)	3.335	2663052	17.614 ug/ml
2) T n-Decane (C10)	4.404	2752591	18.140 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3092012	17.862 ug/ml
4) T n-Dodecane (C12)	6.422	2769602	17.883 ug/ml
5) T A~2-methylnaphthalene...	7.046	3116023	17.696 ug/ml
6) T n-Tetradecane (C14)	8.219	2757522	17.629 ug/ml
7) T n-Hexadecane (C16)	9.821	2738890	17.486 ug/ml
8) T n-Octadecane (C18)	11.264	2734049	17.330 ug/ml
10) T n-Eicosane (C20)	12.573	2647586	17.031 ug/ml
11) T n-Heneicosane (C21)	13.185	2609654	16.684 ug/ml
13) T n-Docosane (C22)	13.771	2589169	16.685 ug/ml
14) T n-Tetracosane (C24)	14.873	2587115	16.723 ug/ml
15) T n-Hexacosane (C26)	15.893	2511317	16.686 ug/ml
16) T n-Octacosane (C28)	16.843	2518544	17.051 ug/ml
17) T n-Tricontane (C30)	17.730	2604500	18.857 ug/ml
18) T n-Dotriacontane (C32)	18.561	2269578	20.677 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1707574	22.122 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	1300408	23.033 ug/mlm
21) T n-Octatriacontane (C38)	20.819	1056018	22.763 ug/ml
22) T n-Tetracontane (C40)	21.730	953940	22.743 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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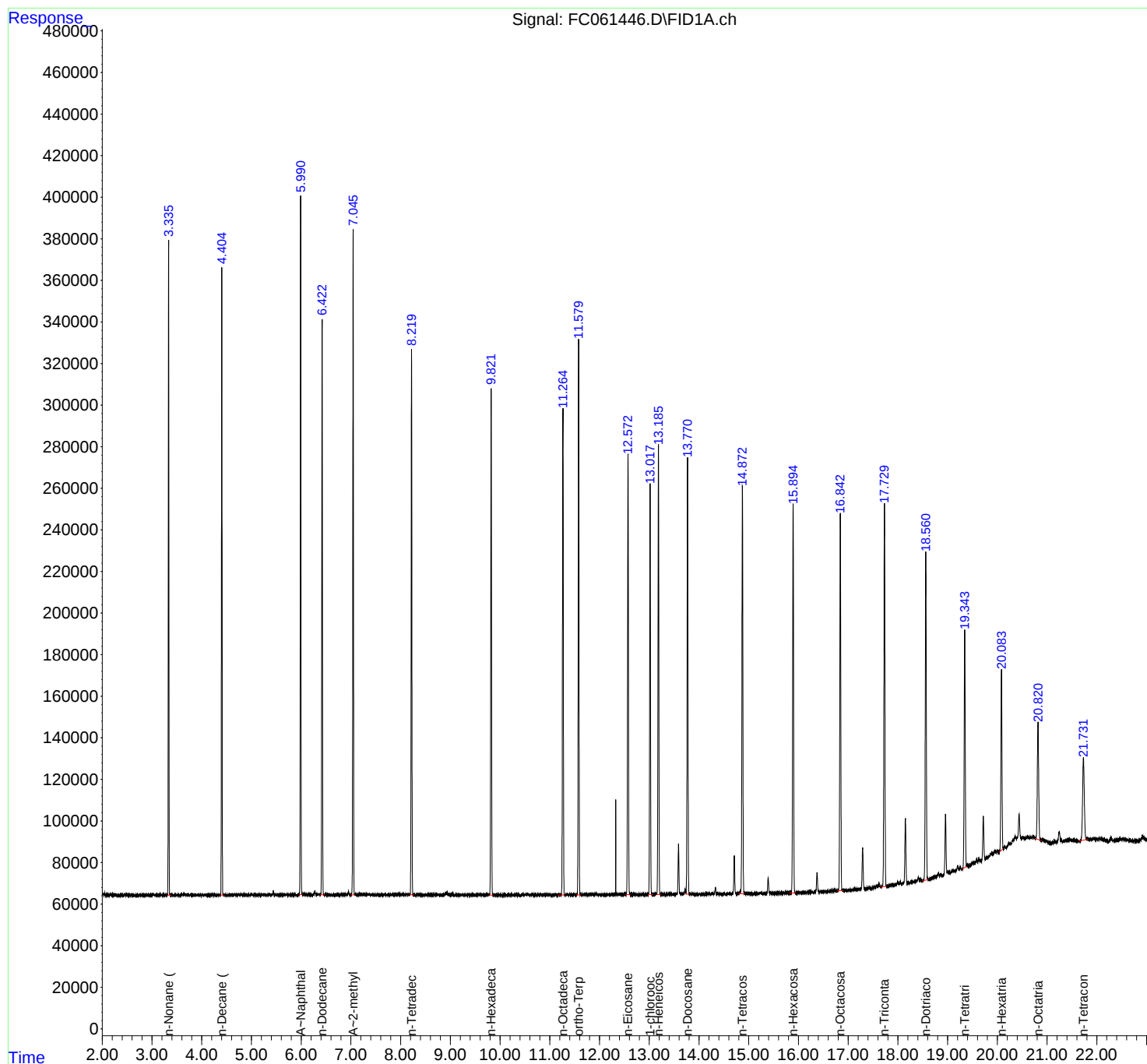
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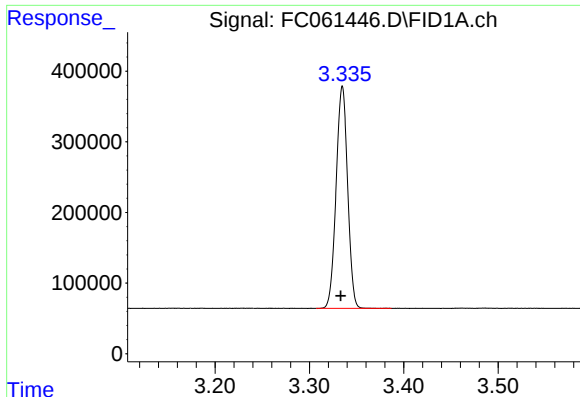
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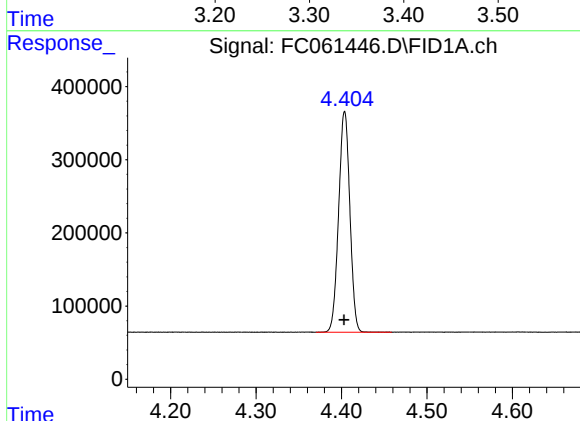
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.002 min
Response: 2663052
Conc: 17.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

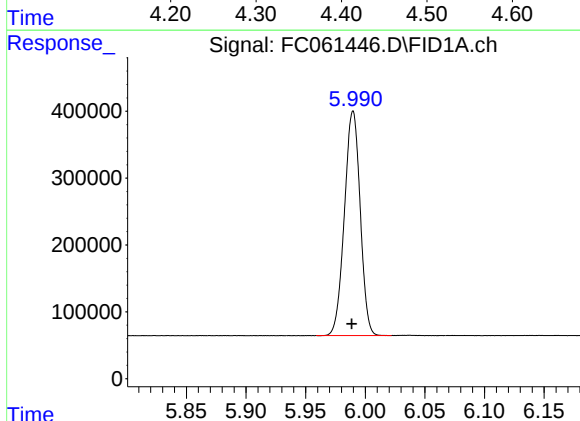
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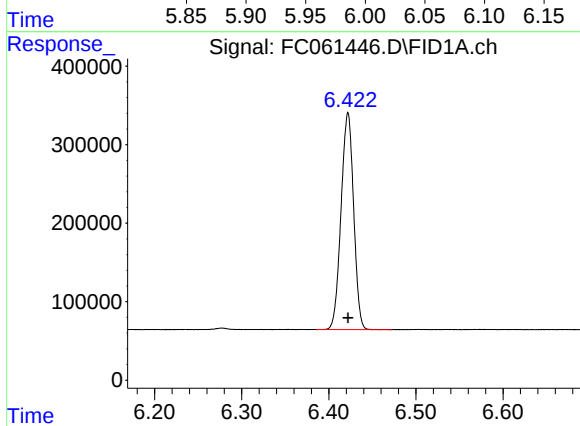
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 2752591
Conc: 18.14 ug/ml



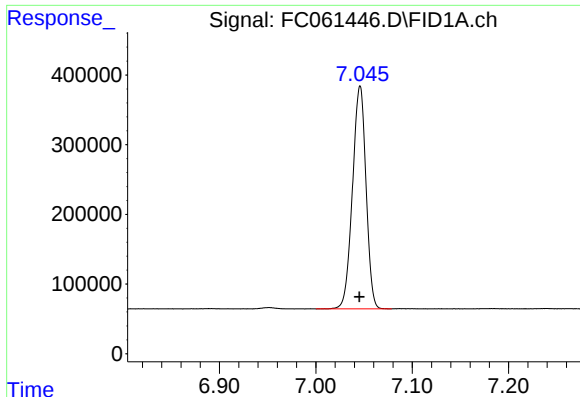
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 3092012
Conc: 17.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 2769602
Conc: 17.88 ug/ml



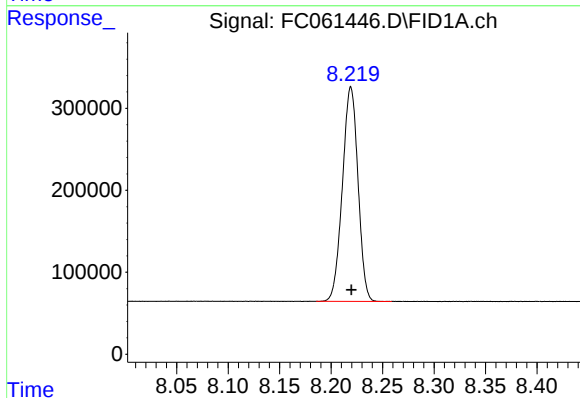
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 3116023
Conc: 17.70 ug/ml

Instrument :
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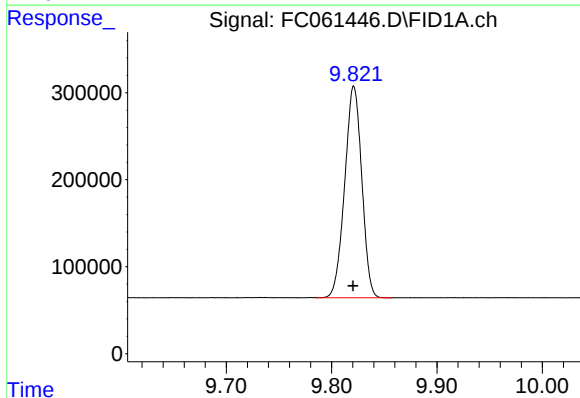
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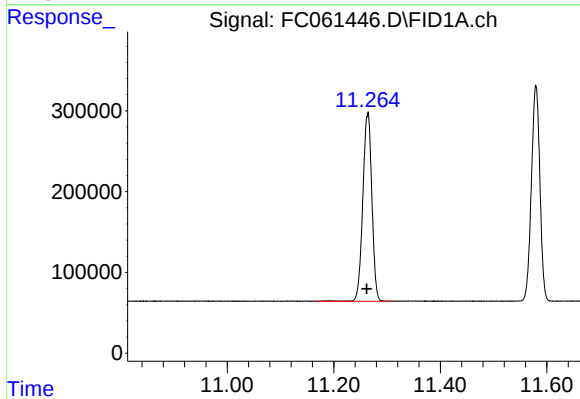
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 2757522
Conc: 17.63 ug/ml



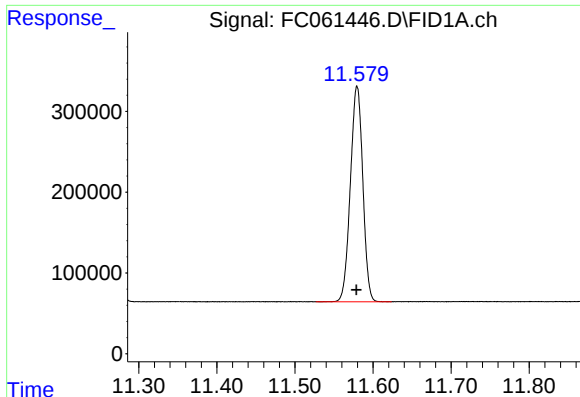
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 2738890
Conc: 17.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: 0.002 min
Response: 2734049
Conc: 17.33 ug/ml



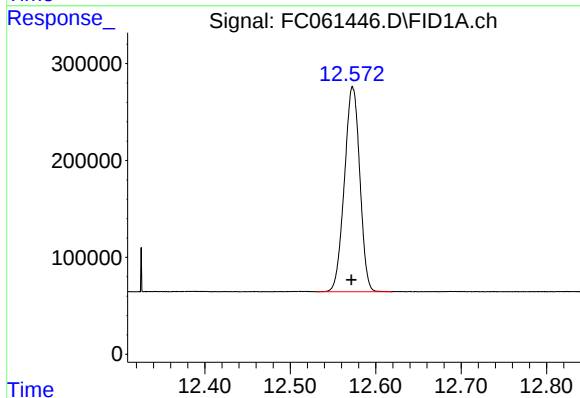
#9 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.001 min
Response: 2947531
Conc: 16.65 ug/ml

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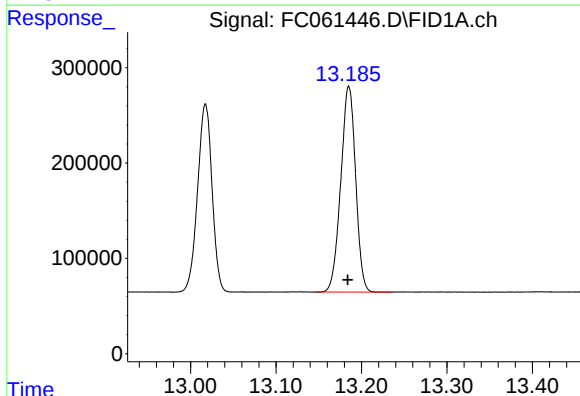
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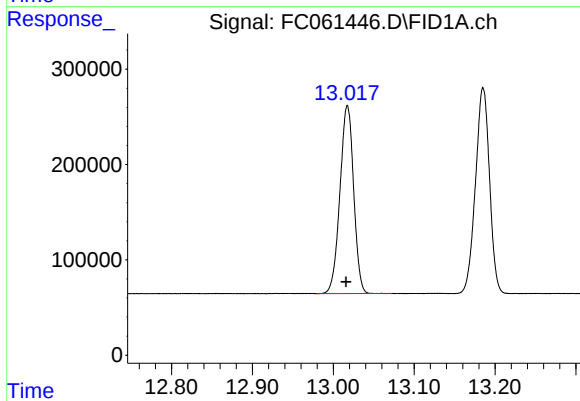
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 2647586
Conc: 17.03 ug/ml



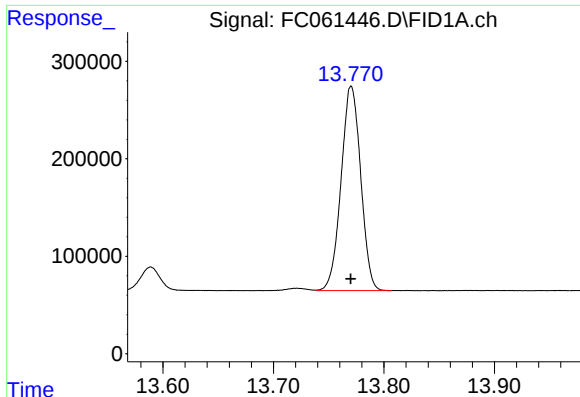
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.001 min
Response: 2609654
Conc: 16.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: 0.002 min
Response: 2326489
Conc: 16.61 ug/ml



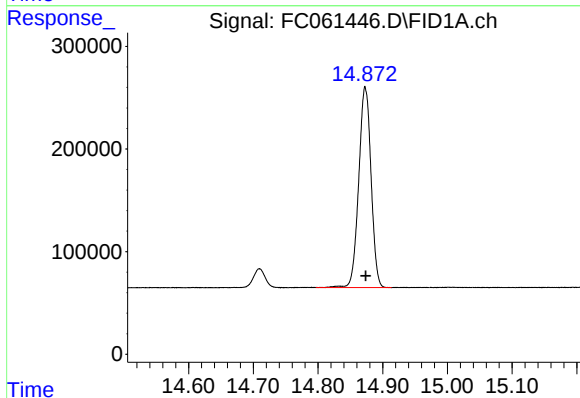
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: 0.000 min
Response: 2589169
Conc: 16.68 ug/ml

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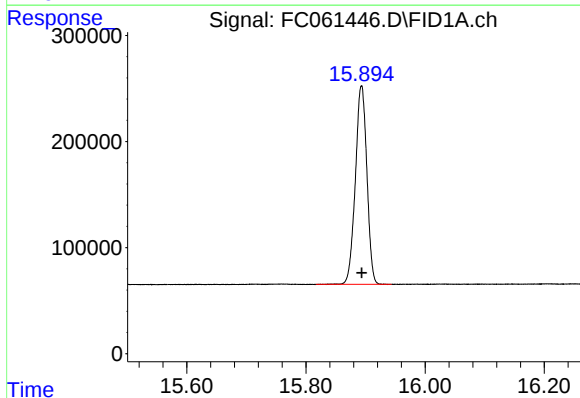
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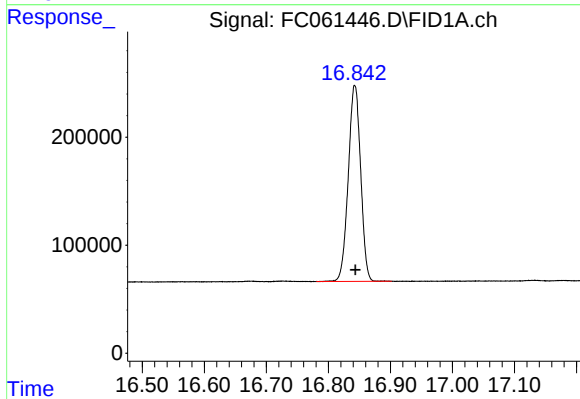
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.000 min
Response: 2587115
Conc: 16.72 ug/ml



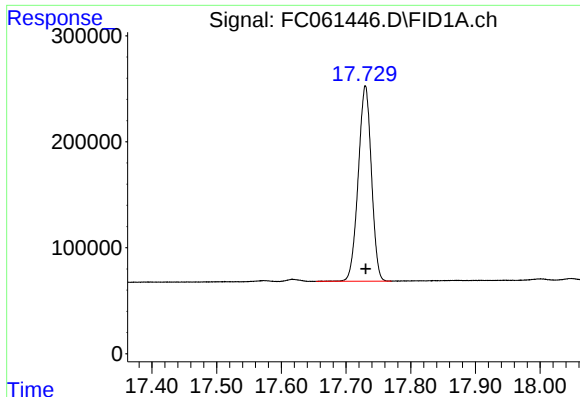
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.000 min
Response: 2511317
Conc: 16.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 2518544
Conc: 17.05 ug/ml



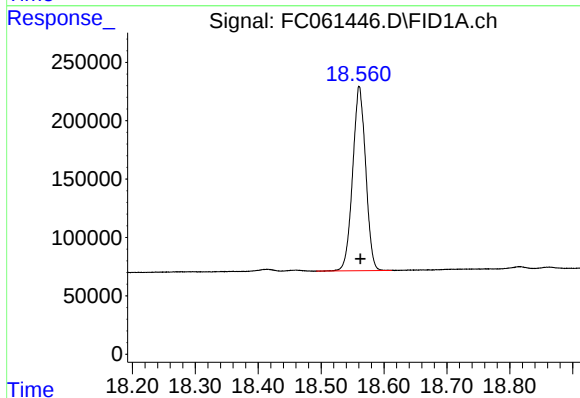
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.000 min
Response: 2604500
Conc: 18.86 ug/ml

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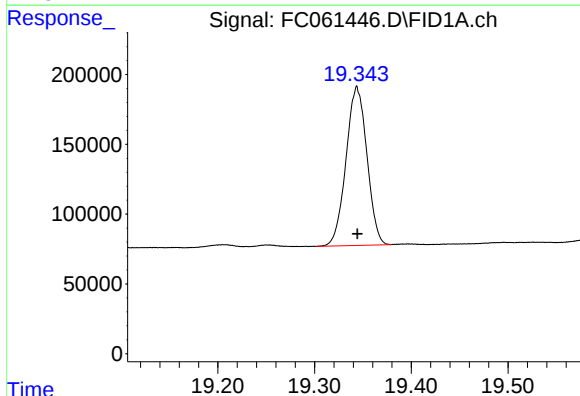
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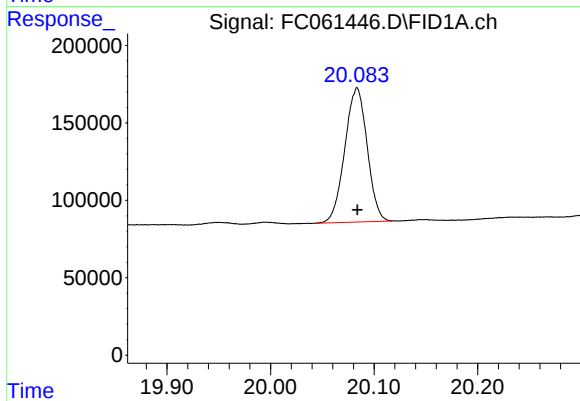
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.001 min
Response: 2269578
Conc: 20.68 ug/ml



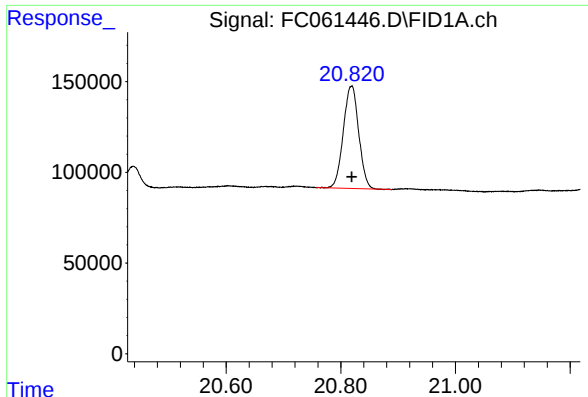
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.000 min
Response: 1707574
Conc: 22.12 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: 0.000 min
Response: 1300408
Conc: 23.03 ug/ml m



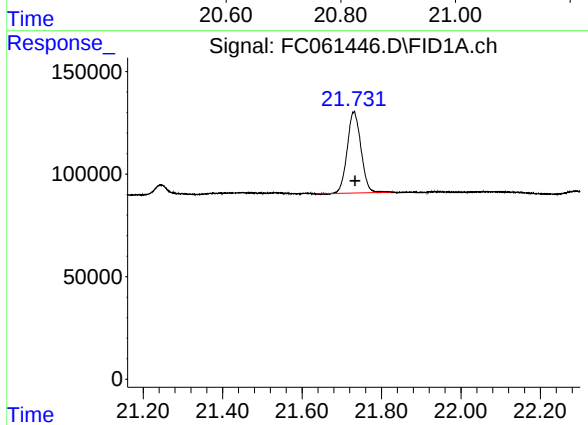
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 1056018
Conc: 22.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: -0.003 min
Response: 953940
Conc: 22.74 ug/ml