

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110923AL\
 Data File : FC065100.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2023 09:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :Ankita Jodhani 11/13/2023

Integration File: autoint1.e
 Quant Time: Nov 11 00:26:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.507	4285508	19.472 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	12.939	3106587	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.306	3636317	19.233 ug/ml
2) T n-Decane (C10)	4.367	3679896	19.353 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3798402	19.673 ug/ml
4) T n-Dodecane (C12)	6.377	3707767	19.194 ug/ml
5) T A~2-methylnaphthalene...	7.002	3614737	19.671 ug/ml
6) T n-Tetradecane (C14)	8.165	3646746	19.327 ug/ml
7) T n-Hexadecane (C16)	9.758	3668378	19.407 ug/ml
8) T n-Octadecane (C18)	11.193	3687486	19.539 ug/ml
10) T n-Eicosane (C20)	12.496	3516243	19.558 ug/ml
11) T n-Heneicosane (C21)	13.106	3439432	19.590 ug/ml
13) T n-Docosane (C22)	13.688	3379368	19.674 ug/ml
14) T n-Tetracosane (C24)	14.786	3273964	19.657 ug/ml
15) T n-Hexacosane (C26)	15.803	3159543	19.685 ug/ml
16) T n-Octacosane (C28)	16.748	3114619	19.902 ug/ml
17) T n-Tricontane (C30)	17.633	3214295	20.293 ug/ml
18) T n-Dotriacontane (C32)	18.461	3220950	20.399 ug/ml
19) T n-Tetratriacontane (C34)	19.241	3084941	20.211 ug/ml
20) T n-Hexatriacontane (C36)	19.978	2985383	19.786 ug/mlm
21) T n-Octatriacontane (C38)	20.698	2906939	19.534 ug/ml
22) T n-Tetracontane (C40)	21.572	2840857	19.315 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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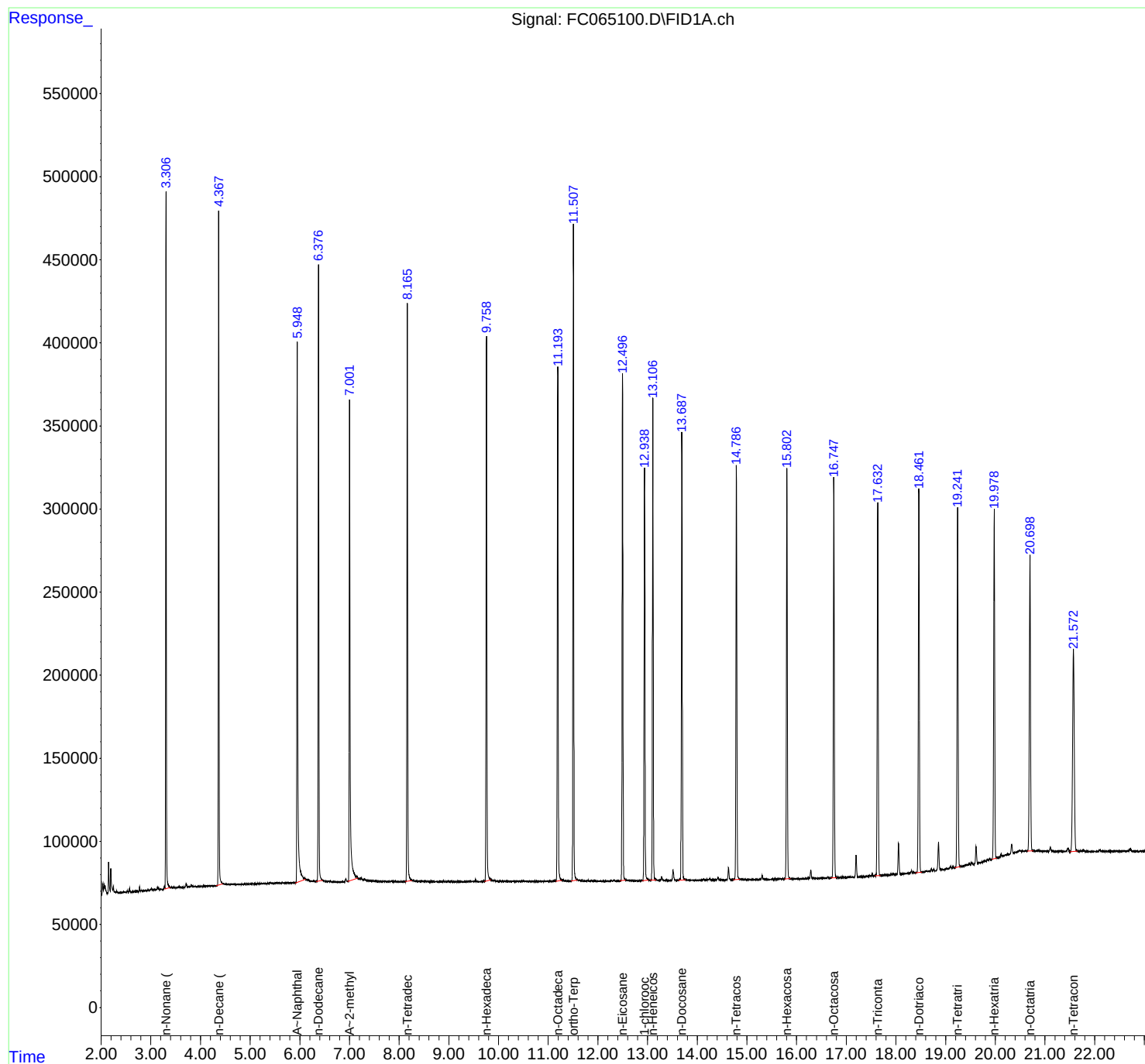
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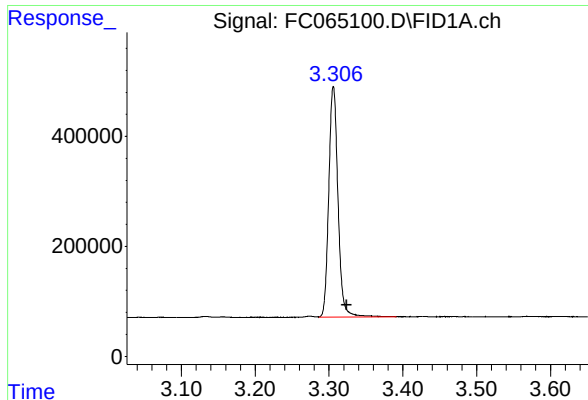
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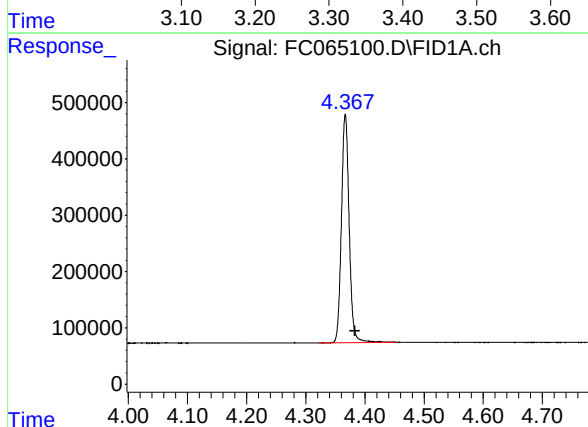
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 3636317
Conc: 19.23 ug/ml

Instrument :
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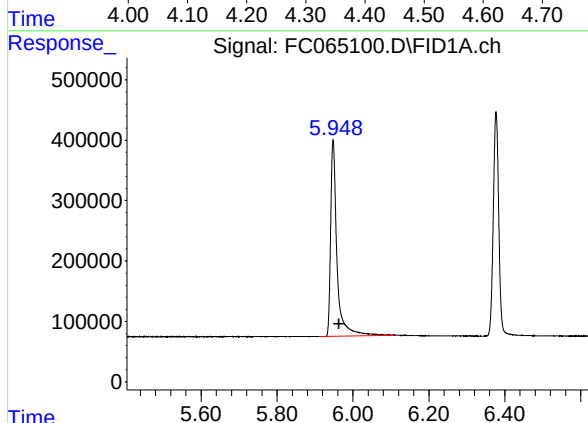
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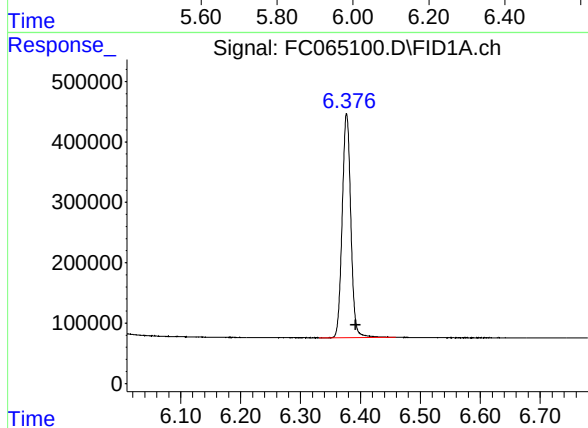
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.016 min
Response: 3679896
Conc: 19.35 ug/ml



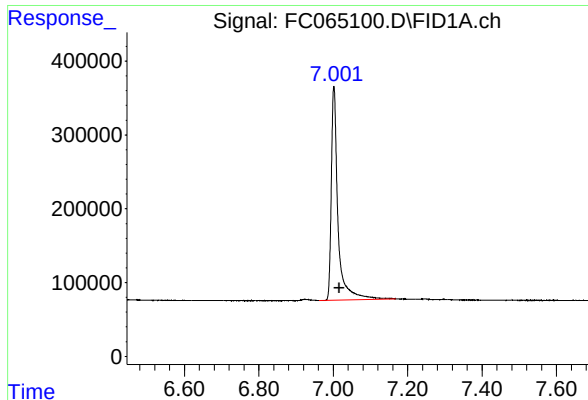
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 3798402
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.015 min
Response: 3707767
Conc: 19.19 ug/ml



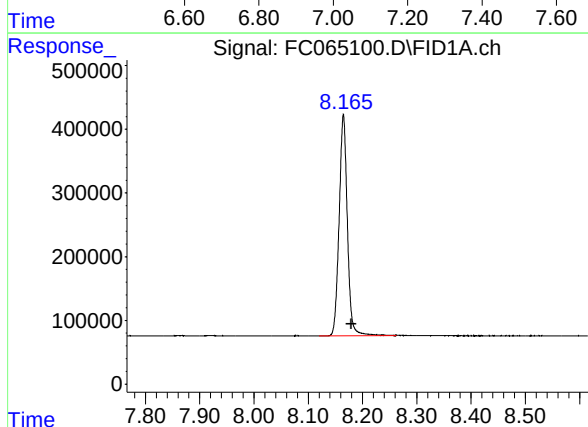
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.014 min
Response: 3614737
Conc: 19.67 ug/ml

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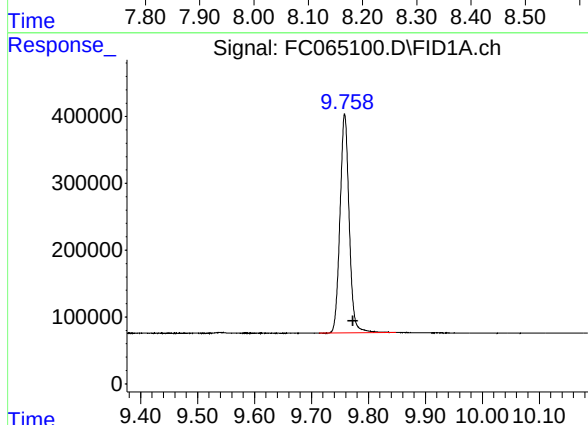
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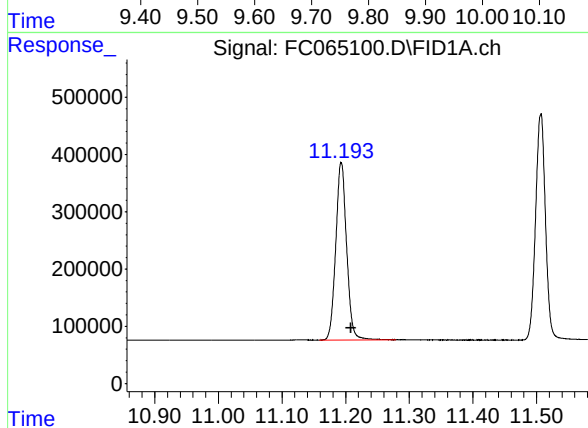
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.015 min
Response: 3646746
Conc: 19.33 ug/ml



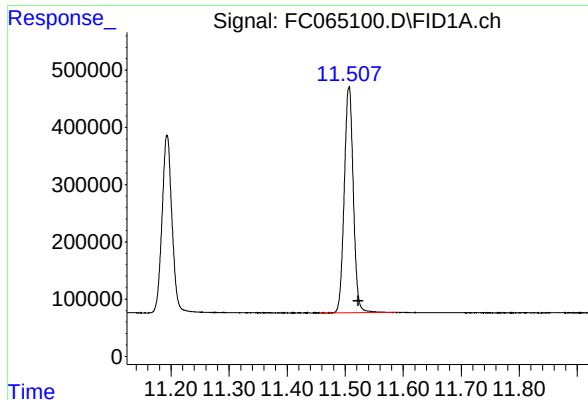
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.015 min
Response: 3668378
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: -0.015 min
Response: 3687486
Conc: 19.54 ug/ml



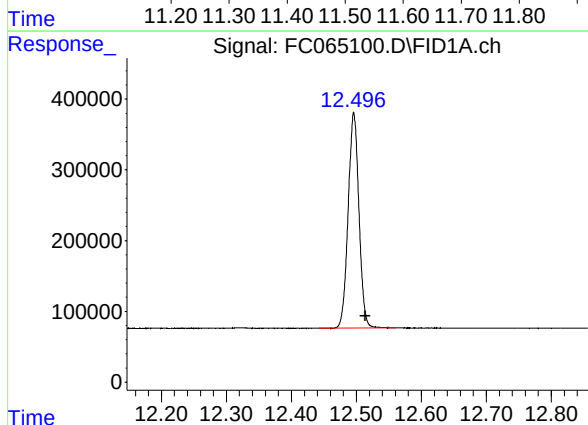
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.016 min
Response: 4285508
Conc: 19.47 ug/ml

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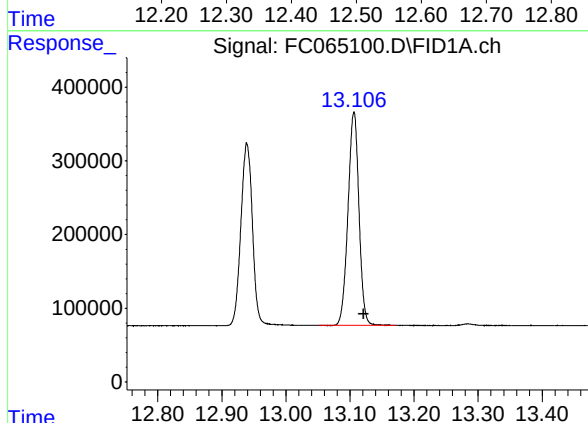
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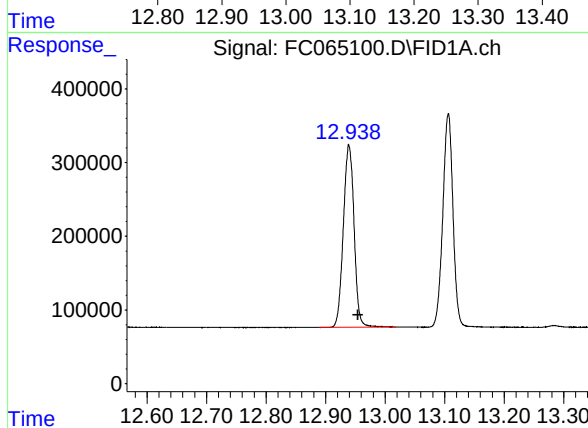
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.017 min
Response: 3516243
Conc: 19.56 ug/ml



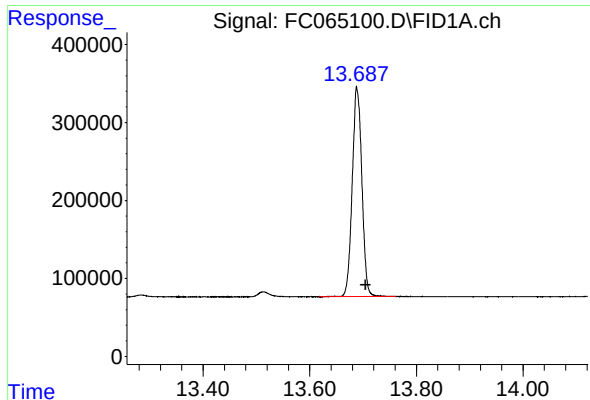
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.015 min
Response: 3439432
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 3106587
Conc: 19.65 ug/ml



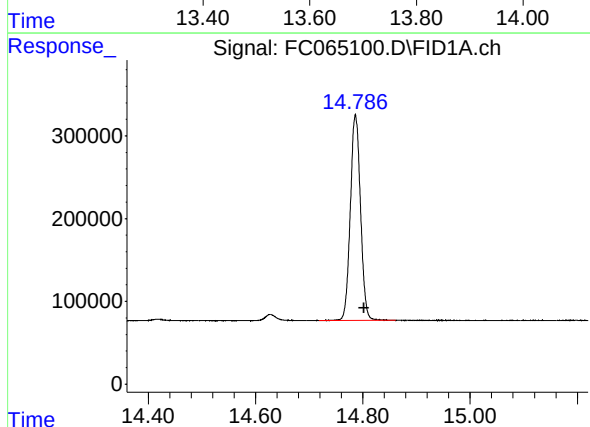
#13 n-Docosane (C22)

R.T.: 13.688 min
Delta R.T.: -0.017 min
Response: 3379368
Conc: 19.67 ug/ml

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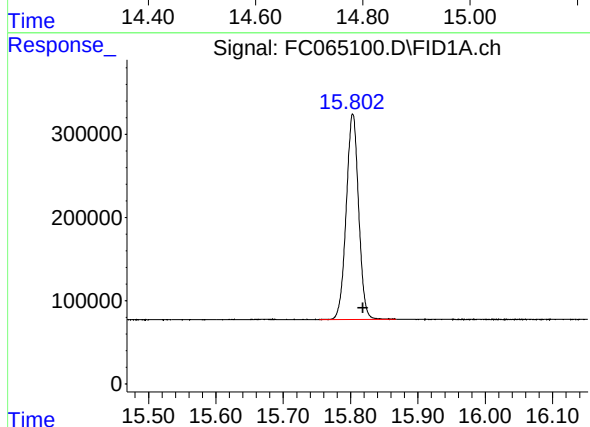
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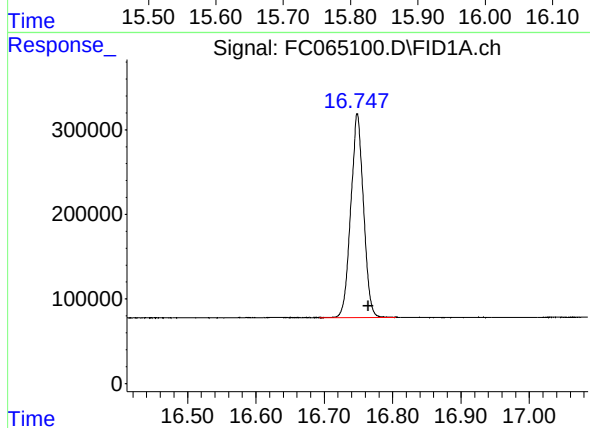
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.016 min
Response: 3273964
Conc: 19.66 ug/ml



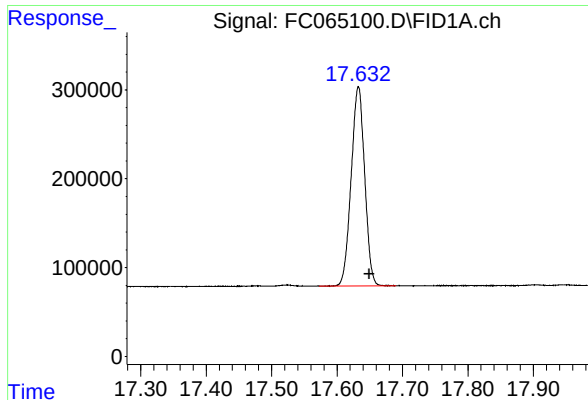
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.015 min
Response: 3159543
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.748 min
Delta R.T.: -0.016 min
Response: 3114619
Conc: 19.90 ug/ml



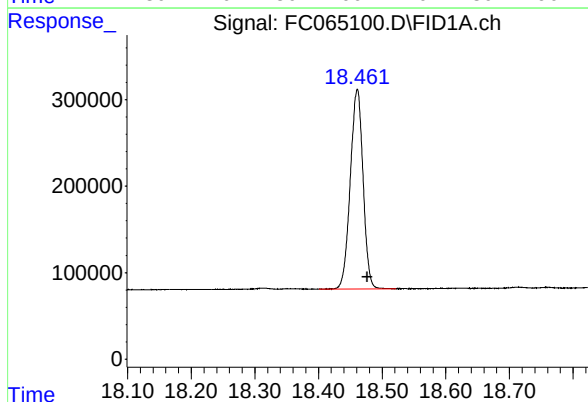
#17 n-Tricontane (C30)

R.T.: 17.633 min
Delta R.T.: -0.017 min
Response: 3214295
Conc: 20.29 ug/ml

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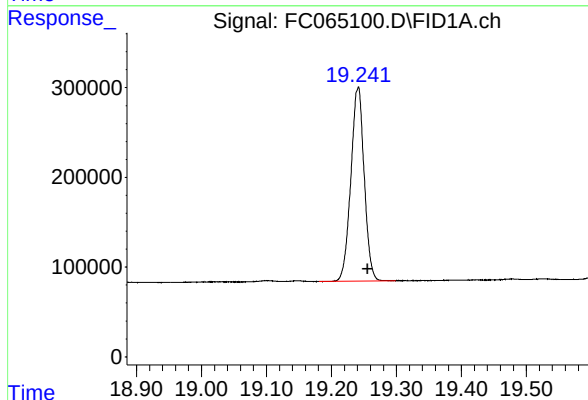
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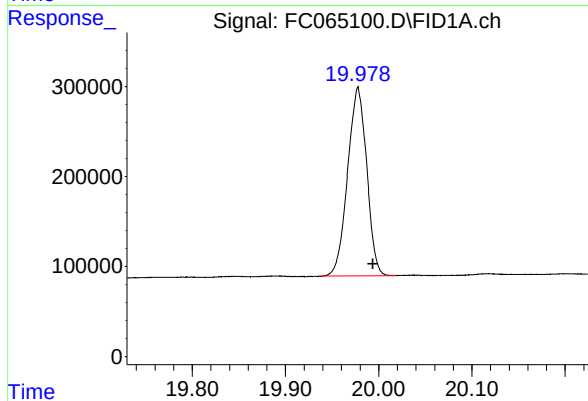
#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: -0.016 min
Response: 3220950
Conc: 20.40 ug/ml



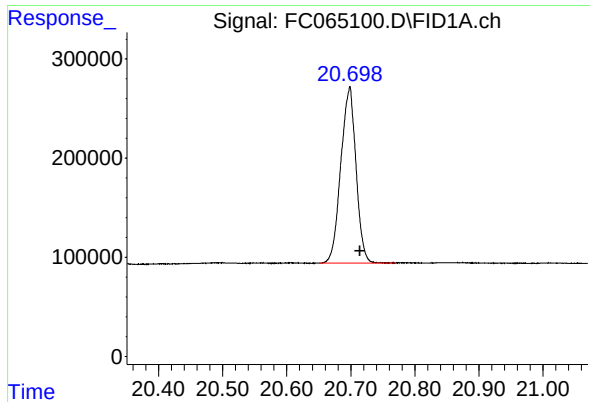
#19 n-Tetatriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.015 min
Response: 3084941
Conc: 20.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: -0.016 min
Response: 2985383
Conc: 19.79 ug/ml m



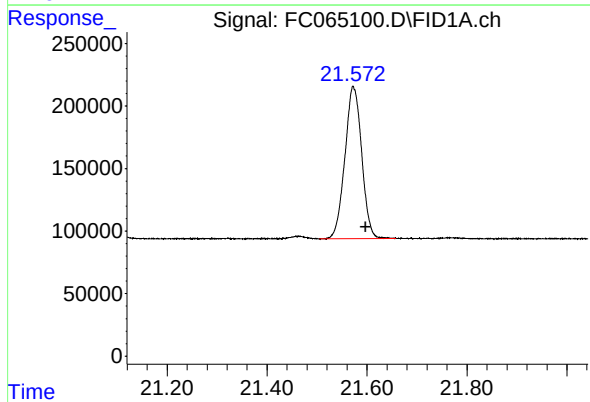
#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.016 min
Response: 2906939
Conc: 19.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.026 min
Response: 2840857
Conc: 19.32 ug/ml m