

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065246.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 01:40
 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 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 03:04:15 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)	11.504	4456884	20.251 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
12) S 1-chlorooctadecane (S...	12.936	3199506	20.239 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T n-Nonane (C9)	3.306	3806373	20.133 ug/ml
2) T n-Decane (C10)	4.366	3878788	20.399 ug/ml
3) T A~Naphthalene (C11.7)	5.946	4051020	20.982 ug/ml
4) T n-Dodecane (C12)	6.376	3915576	20.270 ug/ml
5) T A~2-methylnaphthalene...	7.000	3842478	20.910 ug/ml
6) T n-Tetradecane (C14)	8.164	3834561	20.322 ug/ml
7) T n-Hexadecane (C16)	9.757	3843181	20.332 ug/ml
8) T n-Octadecane (C18)	11.192	3846201	20.380 ug/ml
10) T n-Eicosane (C20)	12.494	3642598	20.261 ug/ml
11) T n-Heneicosane (C21)	13.103	3545644	20.195 ug/ml
13) T n-Docosane (C22)	13.686	3473389	20.221 ug/ml
14) T n-Tetracosane (C24)	14.783	3337820	20.040 ug/ml
15) T n-Hexacosane (C26)	15.797	3210469	20.002 ug/ml
16) T n-Octacosane (C28)	16.744	3116421	19.913 ug/mlm
17) T n-Tricontane (C30)	17.626	3165470	19.985 ug/ml
18) T n-Dotriacontane (C32)	18.455	3162659	20.030 ug/ml
19) T n-Tetratriacontane (C34)	19.237	3074063	20.139 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3019816	20.015 ug/ml
21) T n-Octatriacontane (C38)	20.690	2933498	19.712 ug/ml
22) T n-Tetracontane (C40)	21.563	2910211	19.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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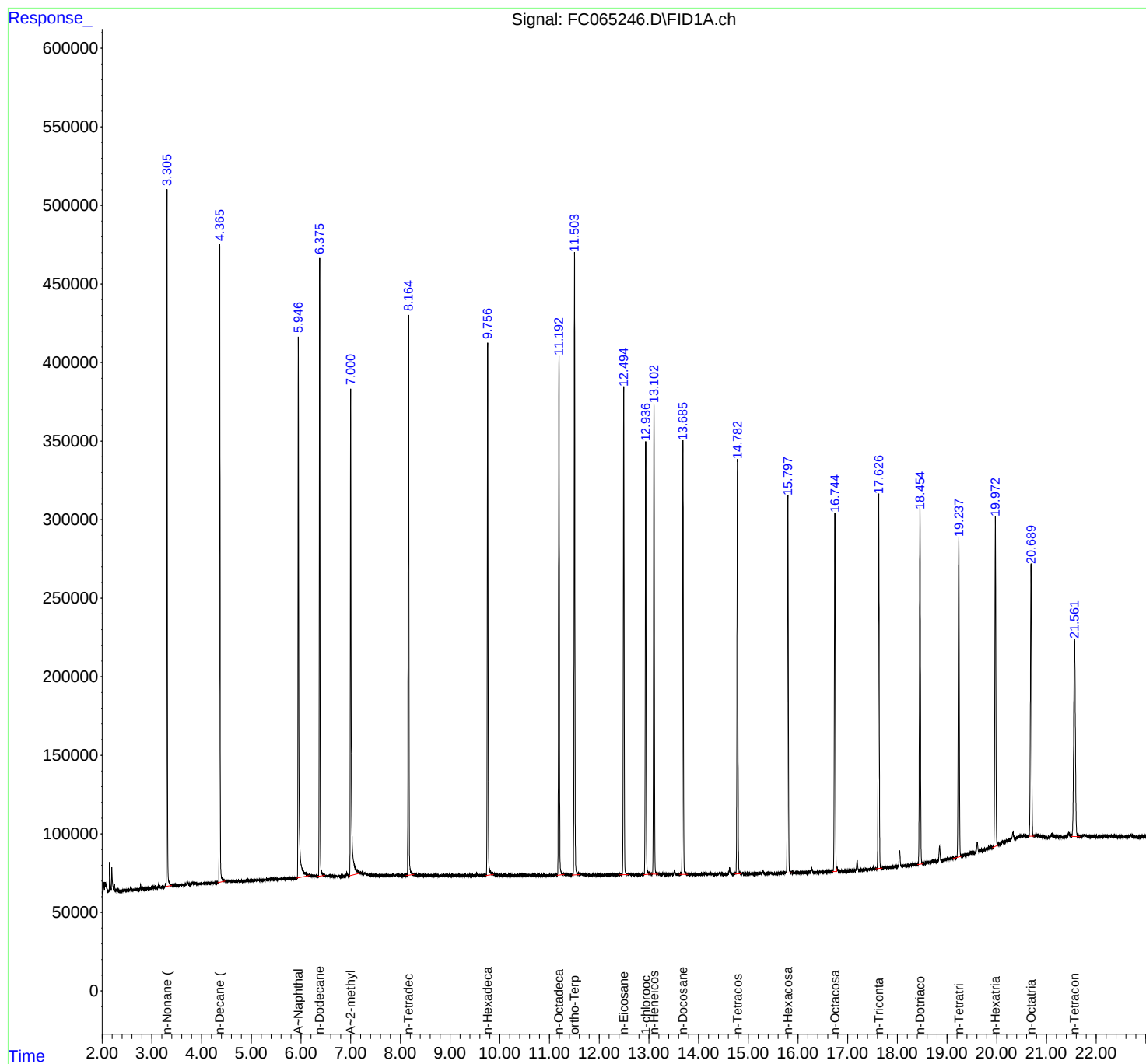
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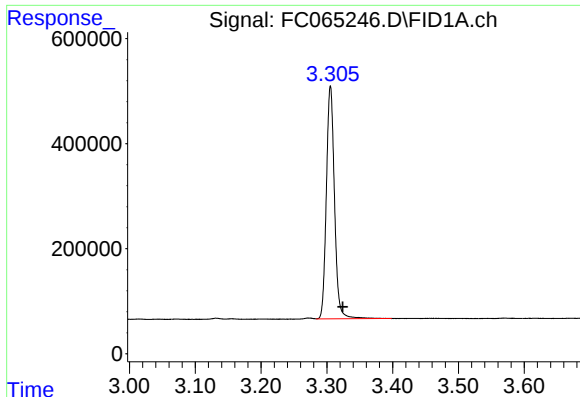
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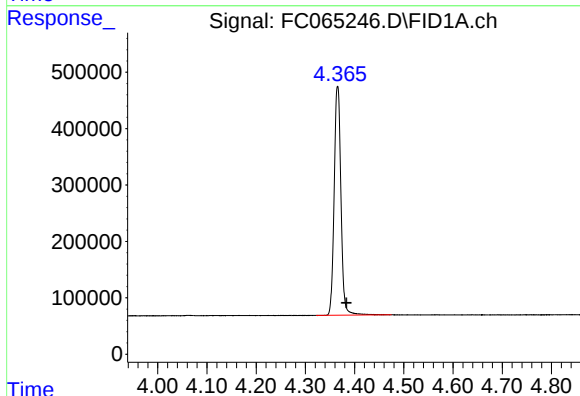
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 3806373
Conc: 20.13 ug/ml

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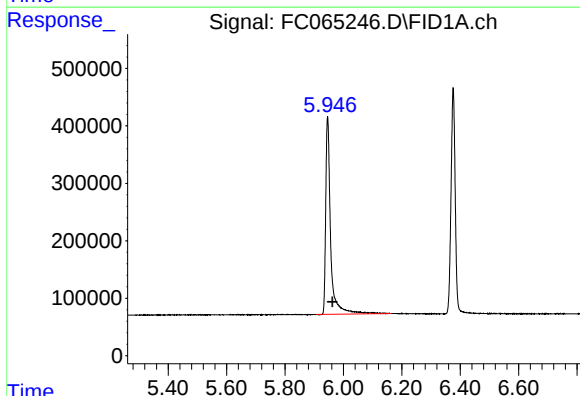
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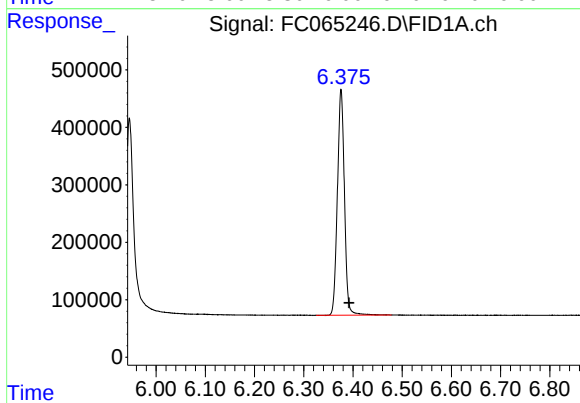
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.018 min
Response: 3878788
Conc: 20.40 ug/ml



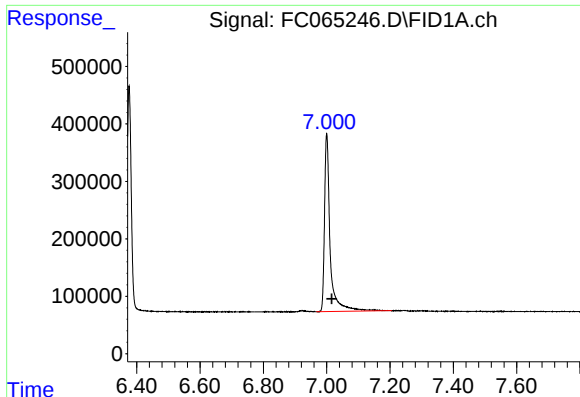
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.017 min
Response: 4051020
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.016 min
Response: 3915576
Conc: 20.27 ug/ml



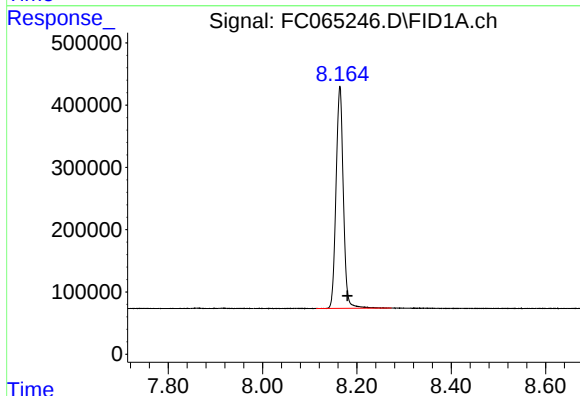
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.015 min
Response: 3842478
Conc: 20.91 ug/ml

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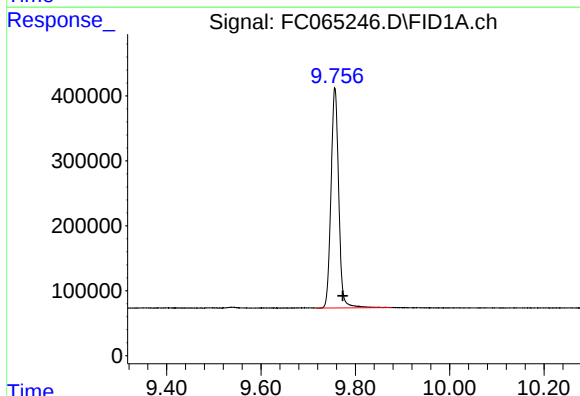
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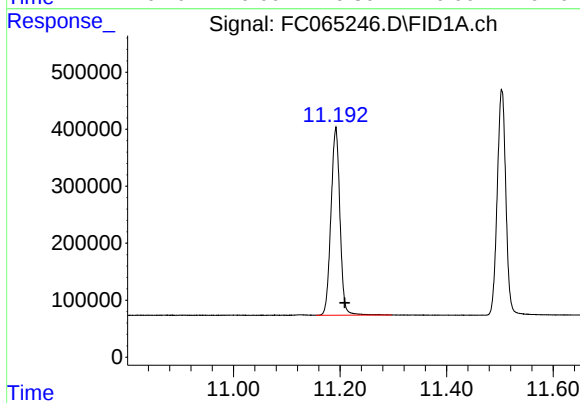
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.016 min
Response: 3834561
Conc: 20.32 ug/ml



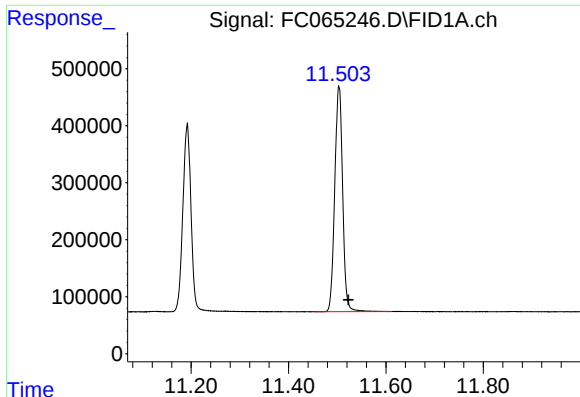
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.016 min
Response: 3843181
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: -0.016 min
Response: 3846201
Conc: 20.38 ug/ml



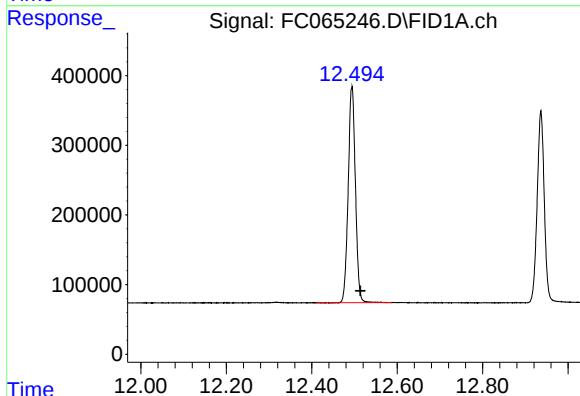
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: -0.019 min
Response: 4456884
Conc: 20.25 ug/ml

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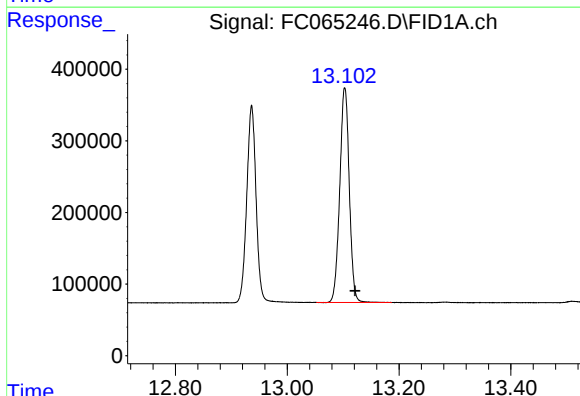
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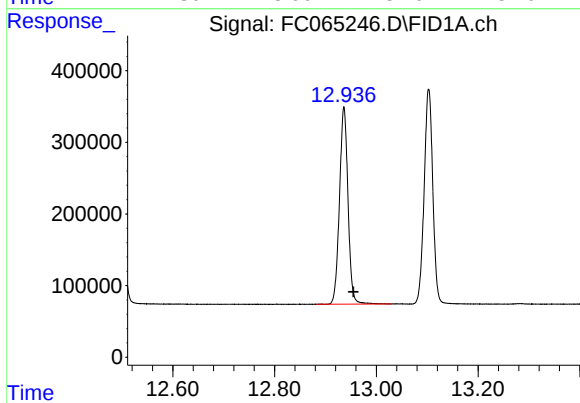
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.019 min
Response: 3642598
Conc: 20.26 ug/ml



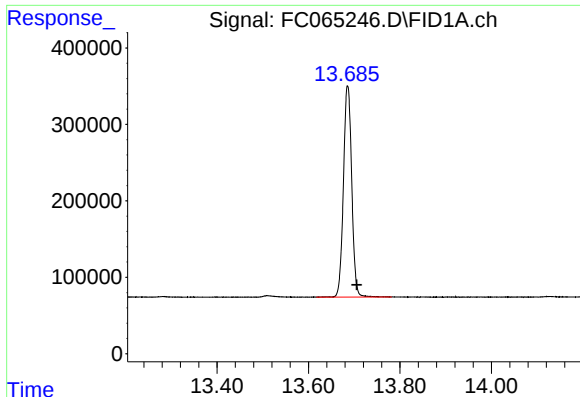
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.018 min
Response: 3545644
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: -0.019 min
Response: 3199506
Conc: 20.24 ug/ml



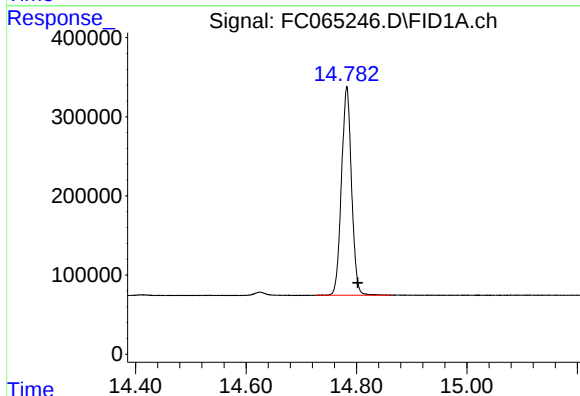
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: -0.020 min
Response: 3473389
Conc: 20.22 ug/ml

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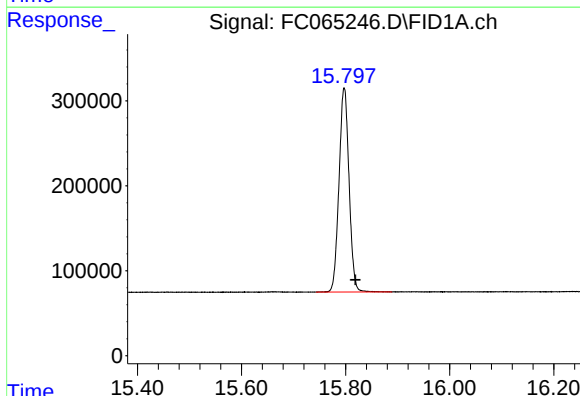
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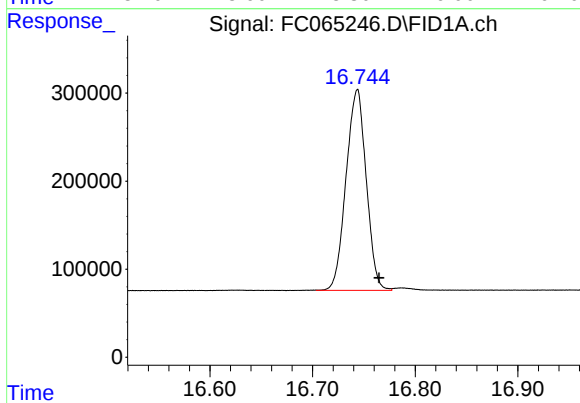
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.020 min
Response: 3337820
Conc: 20.04 ug/ml



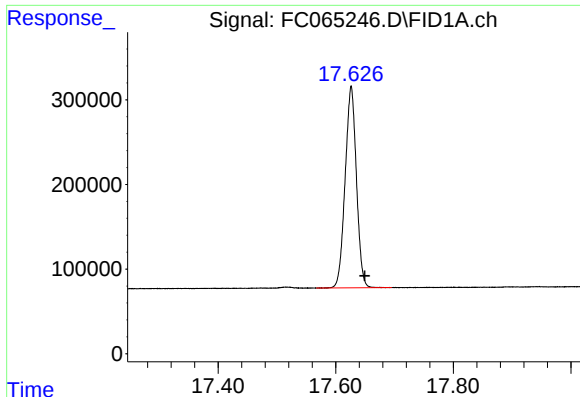
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.021 min
Response: 3210469
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.744 min
Delta R.T.: -0.021 min
Response: 3116421
Conc: 19.91 ug/ml m



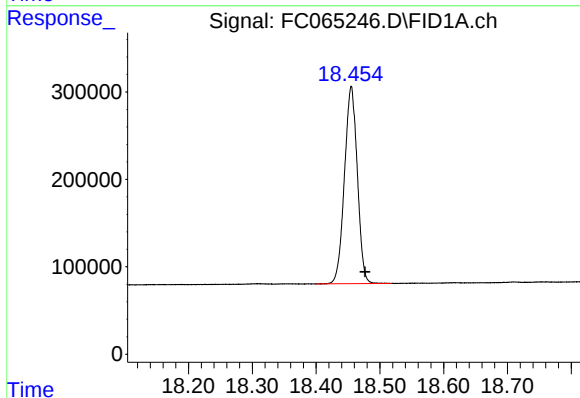
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.023 min
Response: 3165470
Conc: 19.98 ug/ml

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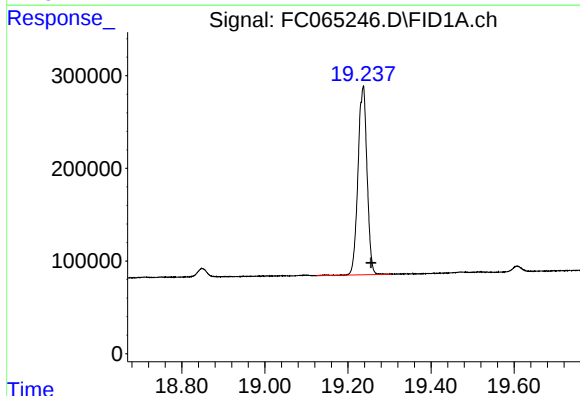
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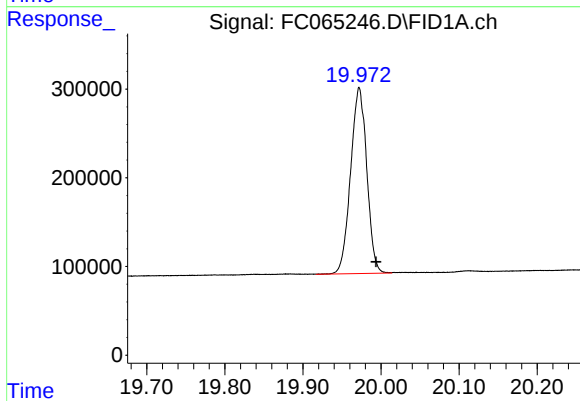
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.022 min
Response: 3162659
Conc: 20.03 ug/ml



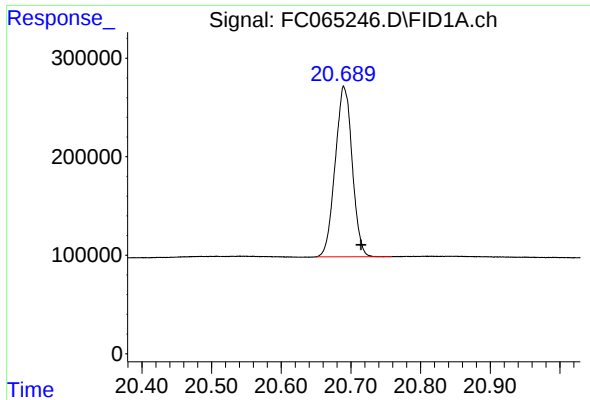
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: -0.019 min
Response: 3074063
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.972 min
Delta R.T.: -0.022 min
Response: 3019816
Conc: 20.01 ug/ml



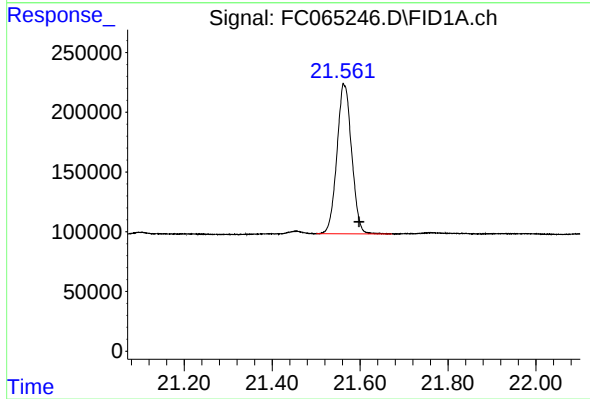
#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: -0.024 min
Response: 2933498
Conc: 19.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: -0.035 min
Response: 2910211
Conc: 19.79 ug/ml