

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110323AL\
 Data File : FC065007.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2023 23:56
 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 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 04 02:42:14 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)	11.509	4503476	20.463 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
12) S 1-chlorooctadecane (S...	12.942	3282803	20.766 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.309	3958689	20.938 ug/ml
2) T n-Decane (C10)	4.369	3986072	20.963 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4119843	21.338 ug/ml
4) T n-Dodecane (C12)	6.379	4015216	20.785 ug/ml
5) T A~2-methylnaphthalene...	7.002	3926498	21.367 ug/ml
6) T n-Tetradecane (C14)	8.167	3911966	20.732 ug/ml
7) T n-Hexadecane (C16)	9.761	3930222	20.792 ug/ml
8) T n-Octadecane (C18)	11.196	3899622	20.663 ug/ml
10) T n-Eicosane (C20)	12.499	3701955	20.591 ug/ml
11) T n-Heneicosane (C21)	13.108	3607564	20.548 ug/ml
13) T n-Docosane (C22)	13.691	3522546	20.507 ug/ml
14) T n-Tetracosane (C24)	14.788	3388537	20.345 ug/ml
15) T n-Hexacosane (C26)	15.804	3253724	20.271 ug/ml
16) T n-Octacosane (C28)	16.750	3157529	20.176 ug/ml
17) T n-Tricontane (C30)	17.633	3183904	20.101 ug/ml
18) T n-Dotriacontane (C32)	18.462	3167664	20.062 ug/ml
19) T n-Tetratriacontane (C34)	19.242	3067922	20.099 ug/ml
20) T n-Hexatriacontane (C36)	19.979	3034176	20.110 ug/mlm
21) T n-Octatriacontane (C38)	20.698	3033334	20.383 ug/ml
22) T n-Tetracontane (C40)	21.577	3343173	22.730 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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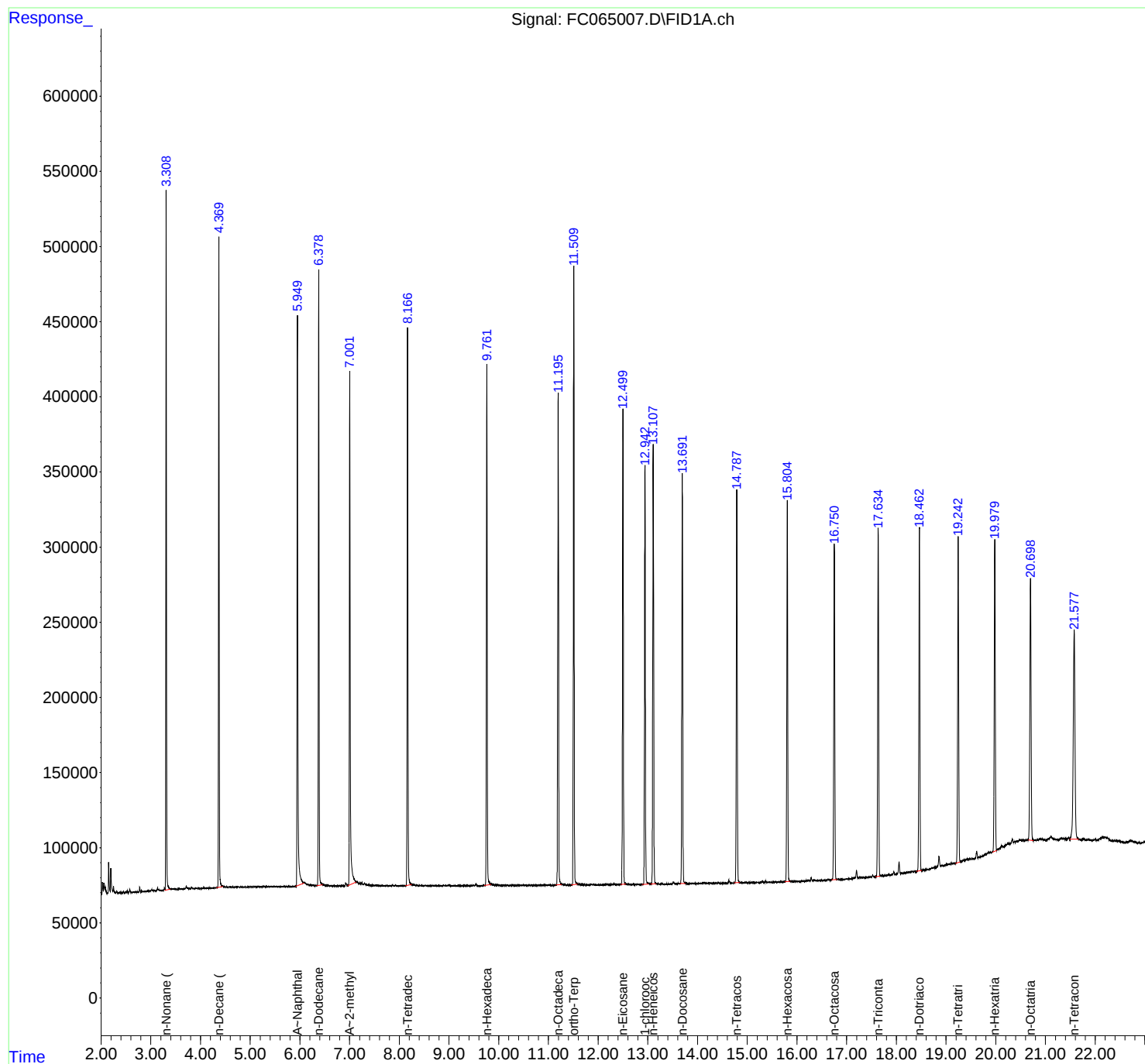
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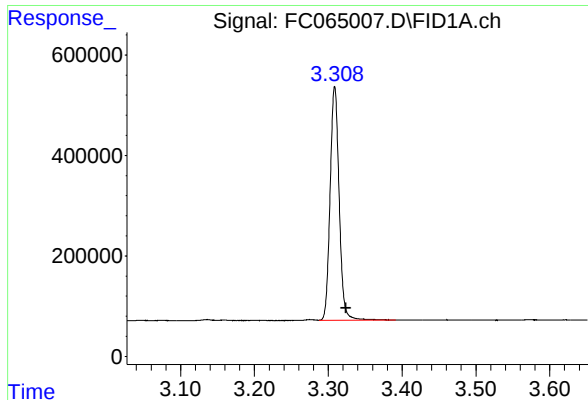
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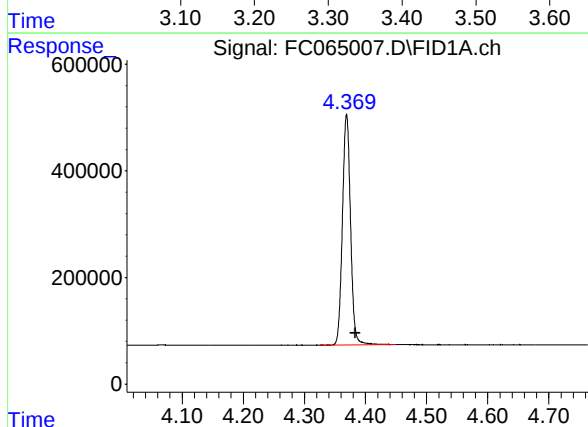
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3958689
Conc: 20.94 ug/ml

Instrument :
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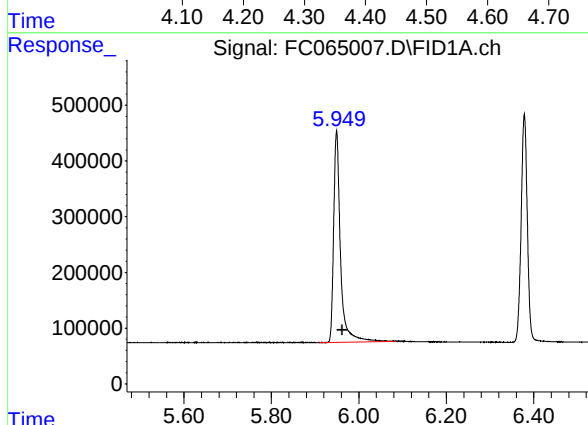
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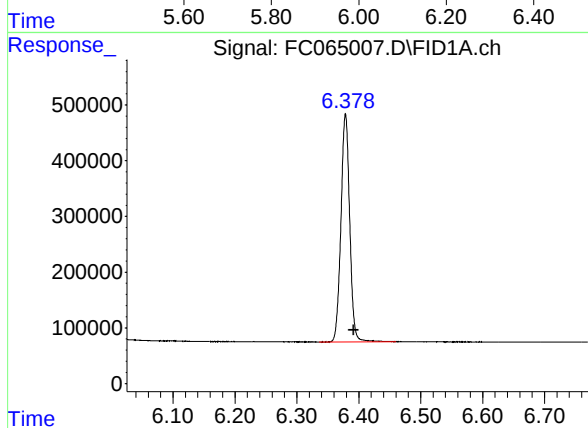
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 3986072
Conc: 20.96 ug/ml



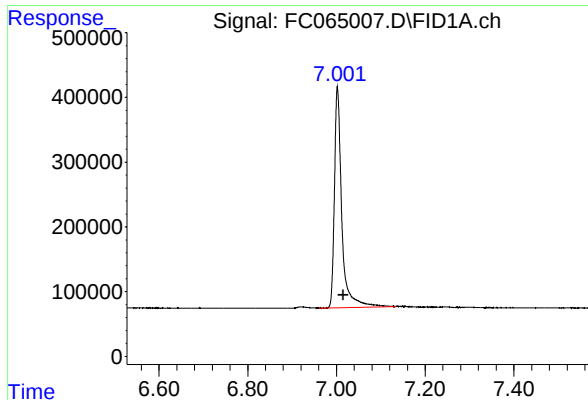
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 4119843
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 4015216
Conc: 20.79 ug/ml



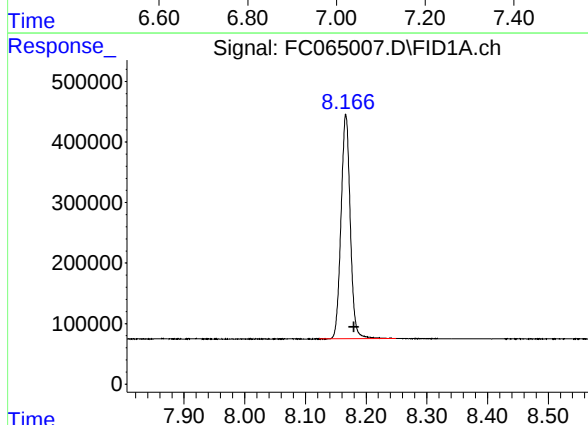
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 3926498
Conc: 21.37 ug/ml

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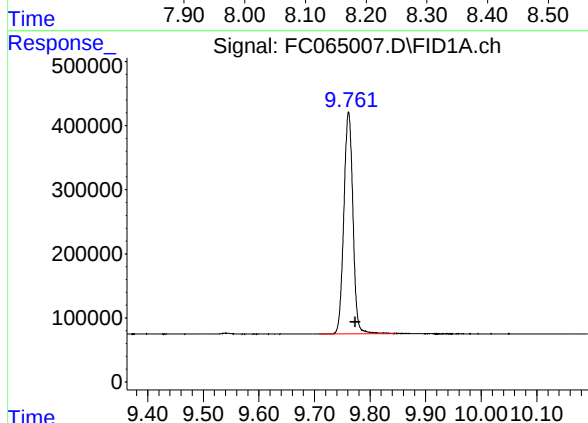
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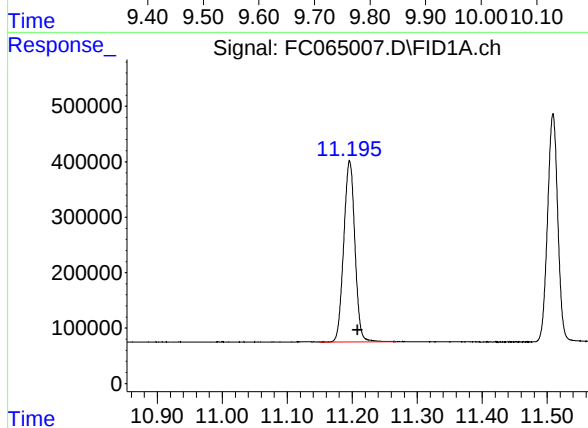
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 3911966
Conc: 20.73 ug/ml



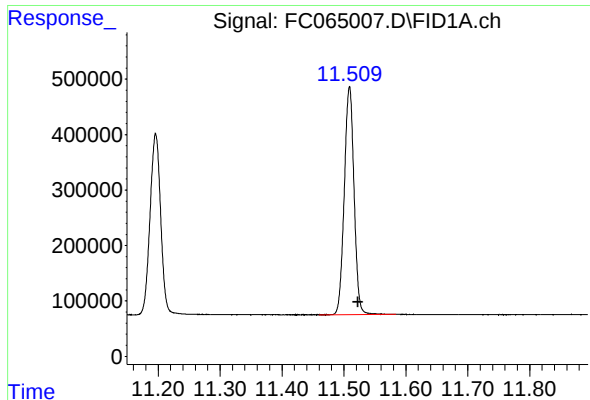
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 3930222
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.012 min
Response: 3899622
Conc: 20.66 ug/ml



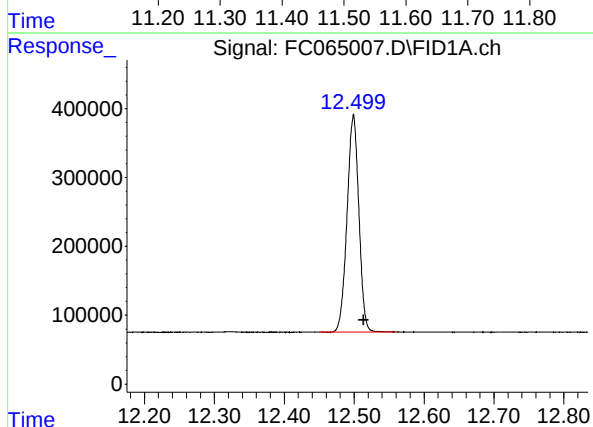
#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.014 min
Response: 4503476
Conc: 20.46 ug/ml

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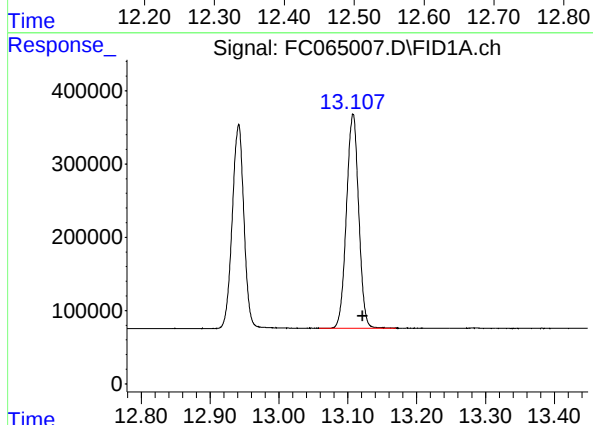
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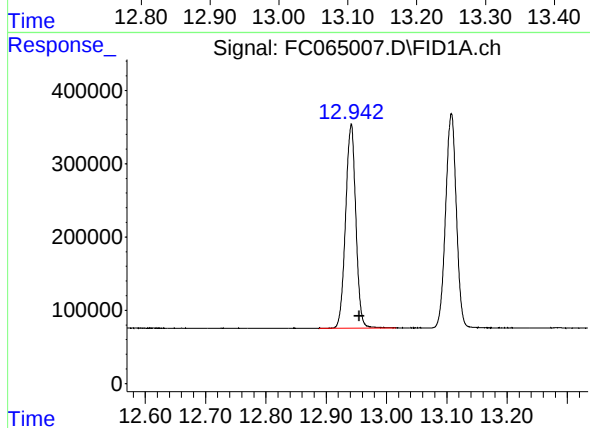
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 3701955
Conc: 20.59 ug/ml



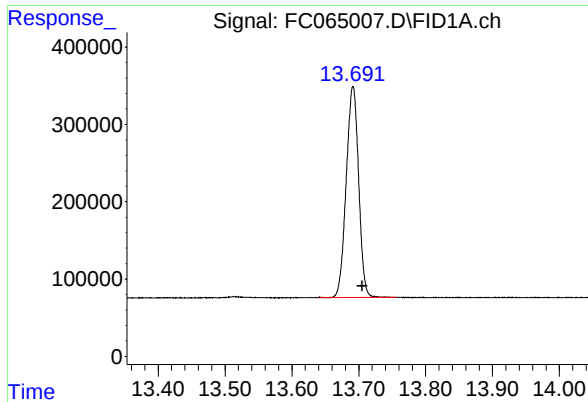
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.014 min
Response: 3607564
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.013 min
Response: 3282803
Conc: 20.77 ug/ml



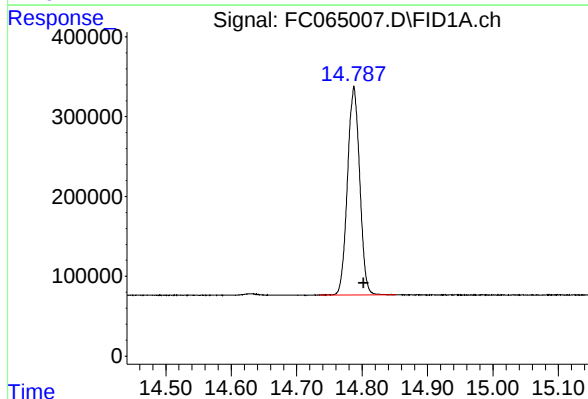
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.014 min
Response: 3522546
Conc: 20.51 ug/ml

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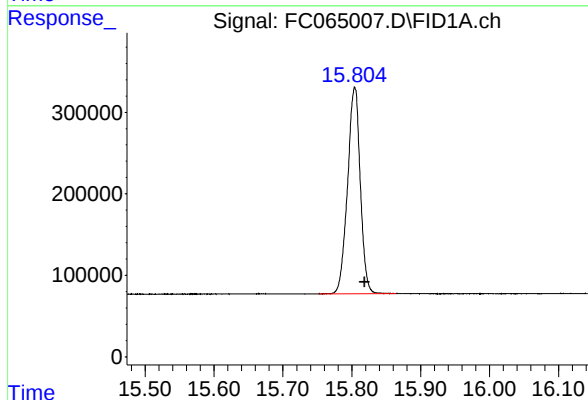
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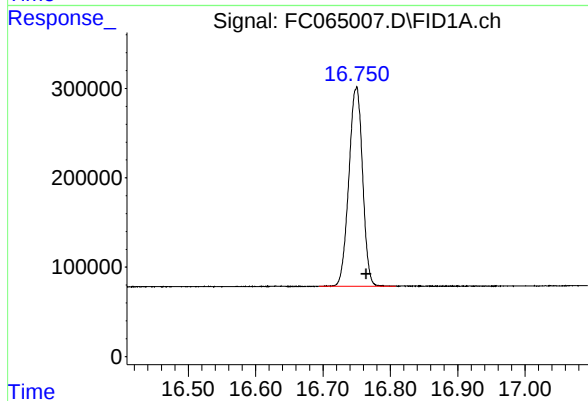
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.015 min
Response: 3388537
Conc: 20.34 ug/ml



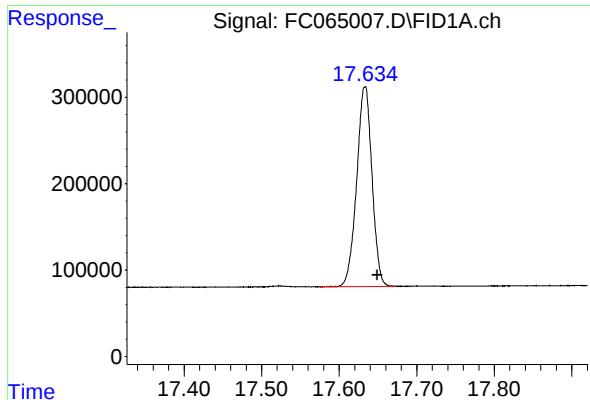
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.014 min
Response: 3253724
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.015 min
Response: 3157529
Conc: 20.18 ug/ml



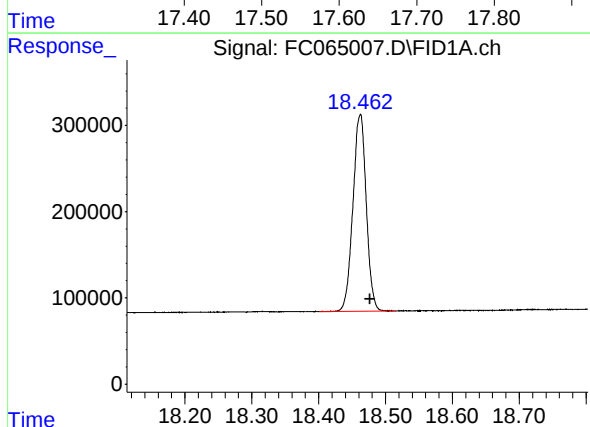
#17 n-Tricontane (C30)

R.T.: 17.633 min
Delta R.T.: -0.016 min
Response: 3183904
Conc: 20.10 ug/ml

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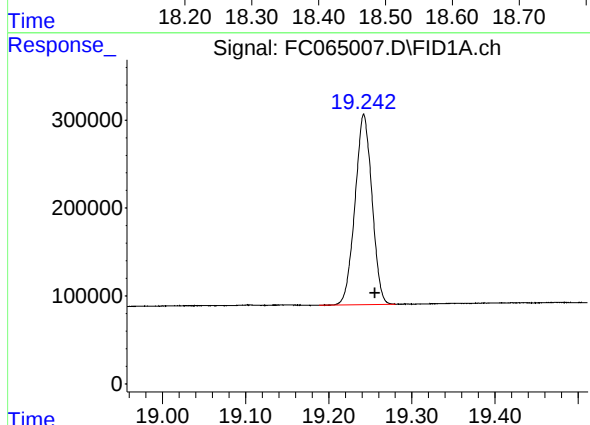
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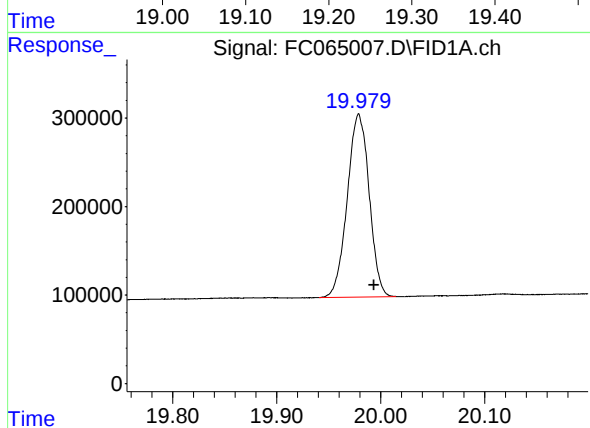
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.014 min
Response: 3167664
Conc: 20.06 ug/ml



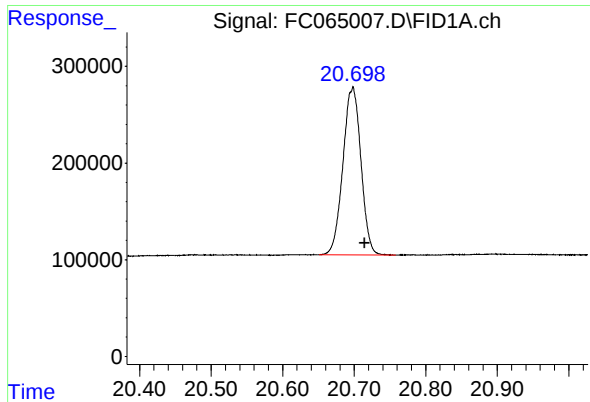
#19 n-Tetratriacontane (C34)

R.T.: 19.242 min
Delta R.T.: -0.014 min
Response: 3067922
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.015 min
Response: 3034176
Conc: 20.11 ug/ml m



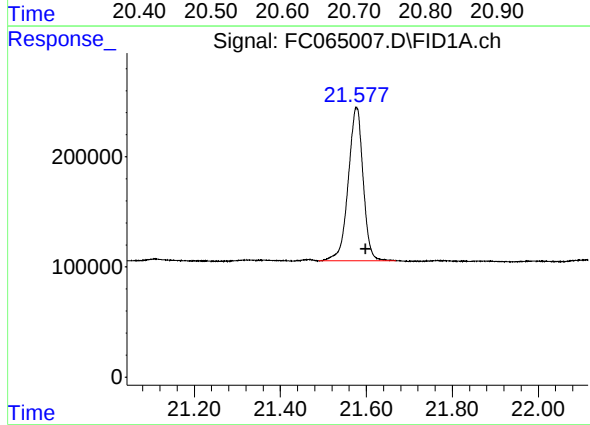
#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.016 min
Response: 3033334
Conc: 20.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.021 min
Response: 3343173
Conc: 22.73 ug/ml m