

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112123AL\
 Data File : FC065273.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 20:22
 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 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:52:10 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	4561791	20.727 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	12.938	3304347	20.902 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
Target Compounds			
1) T n-Nonane (C9)	3.306	3925045	20.760 ug/ml
2) T n-Decane (C10)	4.366	4004238	21.059 ug/ml
3) T A~Naphthalene (C11.7)	5.947	4101206	21.242 ug/ml
4) T n-Dodecane (C12)	6.376	4049282	20.962 ug/ml
5) T A~2-methylnaphthalene...	7.001	3895023	21.196 ug/ml
6) T n-Tetradecane (C14)	8.166	3964446	21.010 ug/ml
7) T n-Hexadecane (C16)	9.759	3959658	20.948 ug/ml
8) T n-Octadecane (C18)	11.192	3963900	21.003 ug/ml
10) T n-Eicosane (C20)	12.496	3741360	20.811 ug/ml
11) T n-Heneicosane (C21)	13.105	3643455	20.752 ug/ml
13) T n-Docosane (C22)	13.688	3564013	20.749 ug/ml
14) T n-Tetracosane (C24)	14.786	3430145	20.594 ug/ml
15) T n-Hexacosane (C26)	15.801	3287389	20.481 ug/ml
16) T n-Octacosane (C28)	16.749	3194261	20.410 ug/mlm
17) T n-Tricontane (C30)	17.630	3249807	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.459	3250489	20.587 ug/ml
19) T n-Tetratriacontane (C34)	19.239	3143389	20.594 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3133117	20.766 ug/ml
21) T n-Octatriacontane (C38)	20.695	3025694	20.332 ug/ml
22) T n-Tetracontane (C40)	21.573	3081549	20.952 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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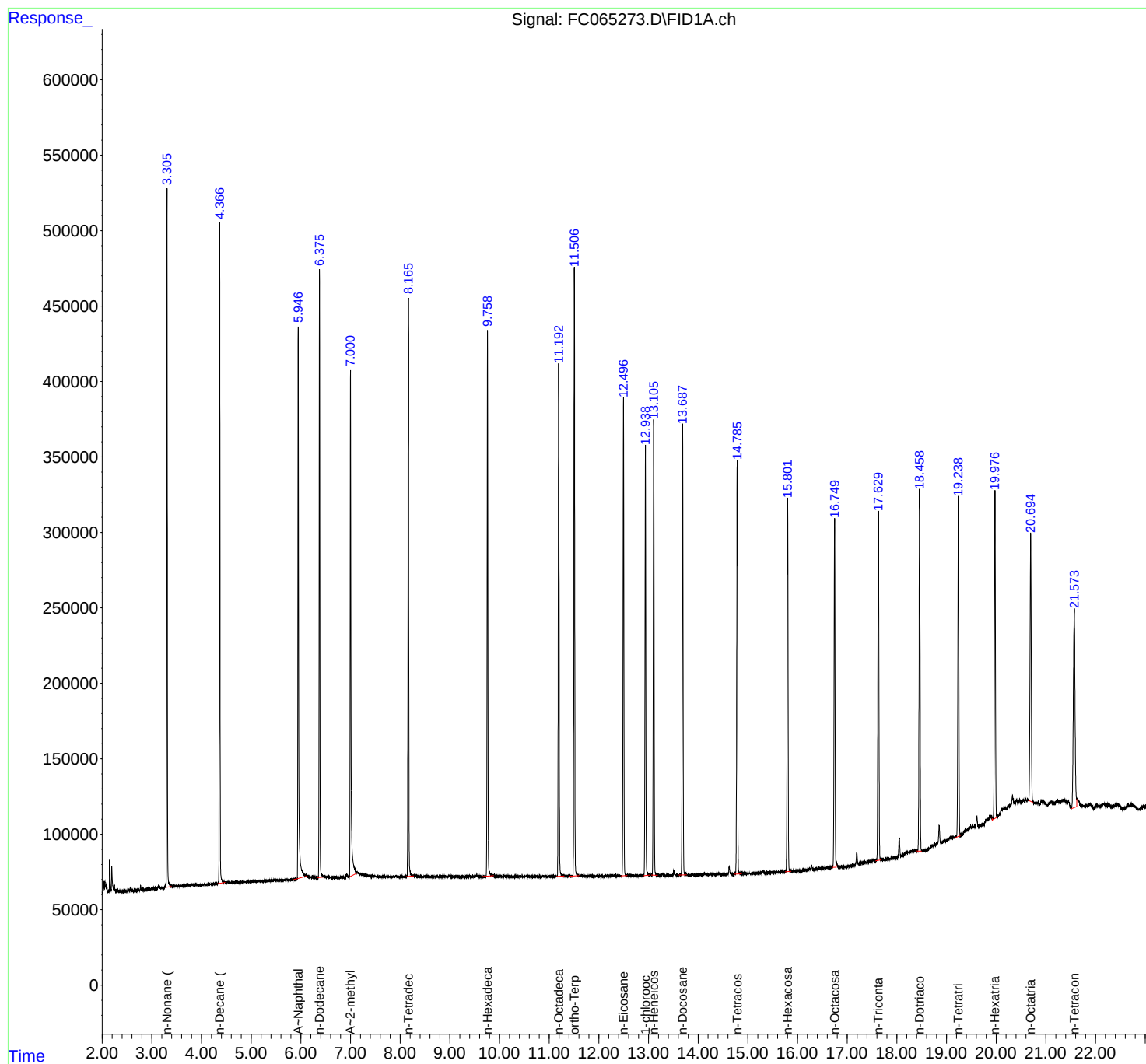
Instrument :
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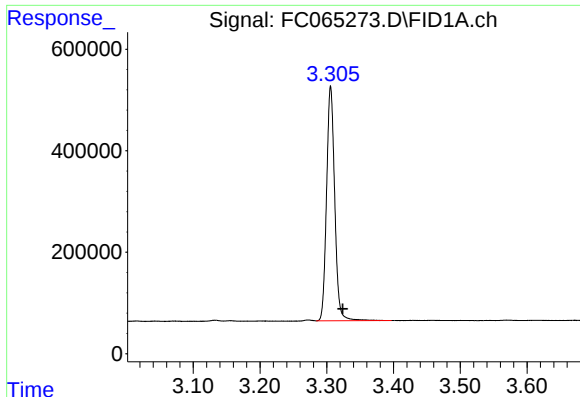
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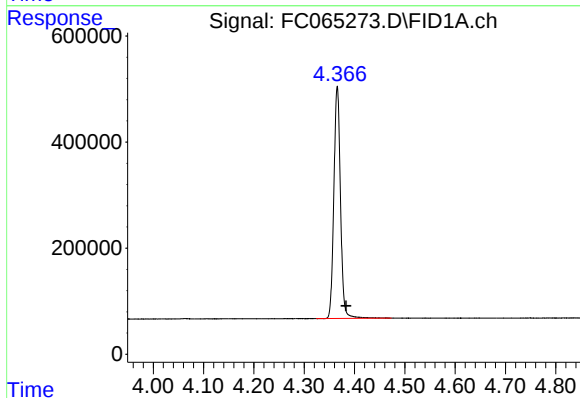
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 3925045
Conc: 20.76 ug/ml

Instrument :
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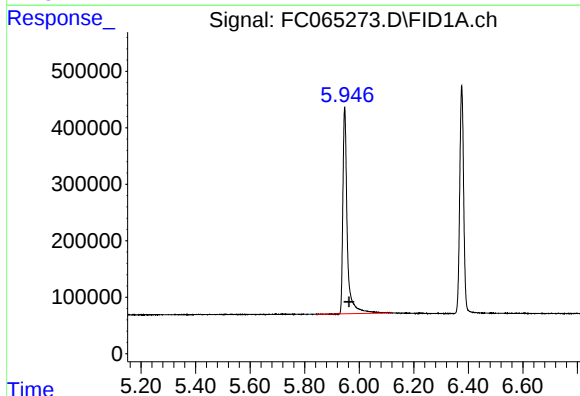
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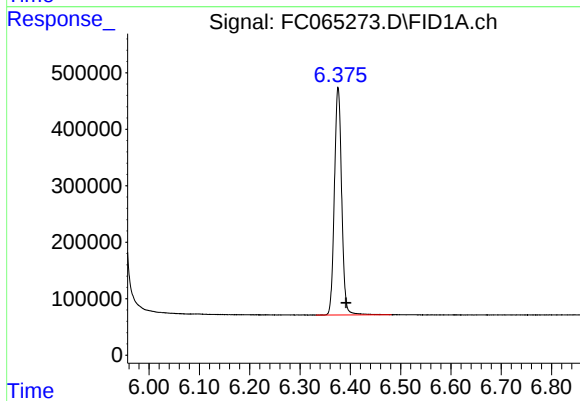
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.018 min
Response: 4004238
Conc: 21.06 ug/ml



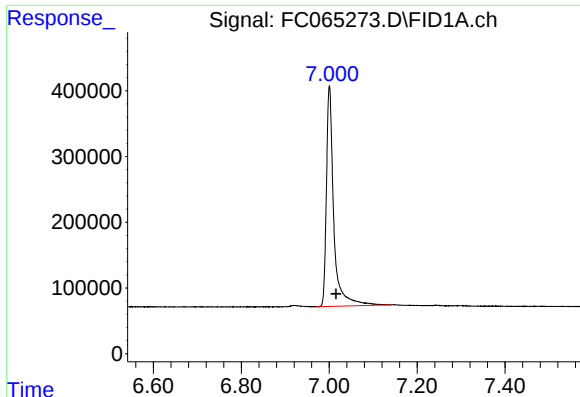
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 4101206
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.016 min
Response: 4049282
Conc: 20.96 ug/ml



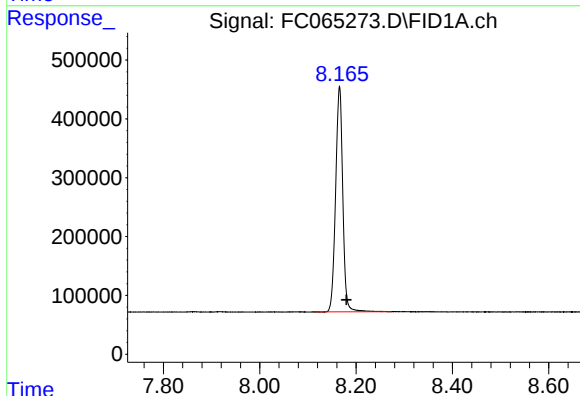
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.015 min
Response: 3895023
Conc: 21.20 ug/ml

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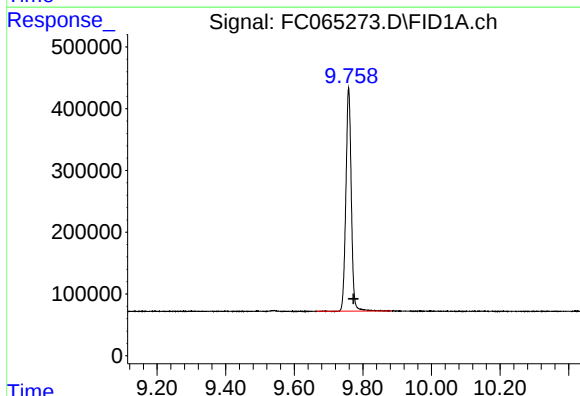
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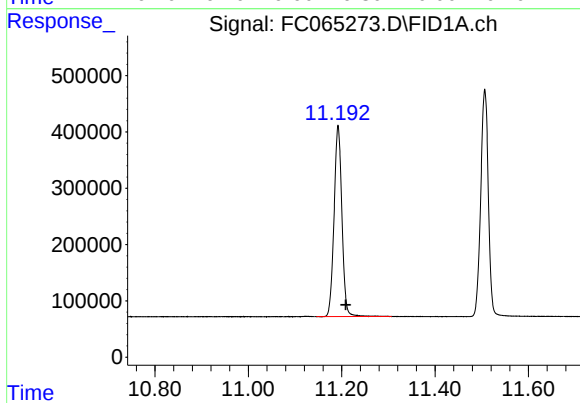
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 3964446
Conc: 21.01 ug/ml



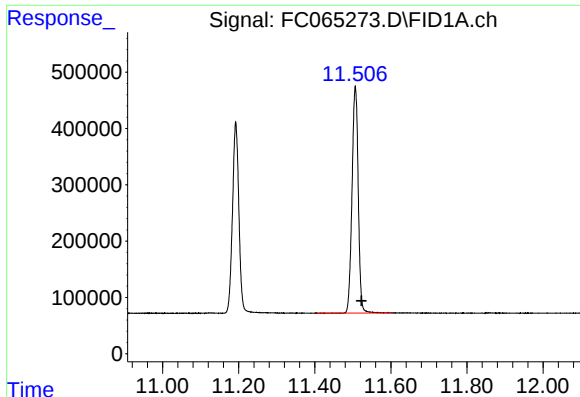
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.015 min
Response: 3959658
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: -0.016 min
Response: 3963900
Conc: 21.00 ug/ml



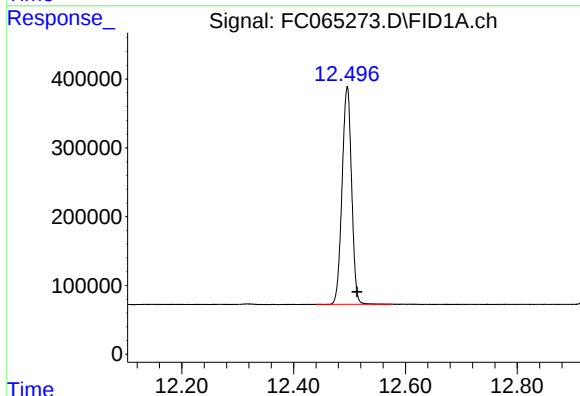
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.016 min
Response: 4561791
Conc: 20.73 ug/ml

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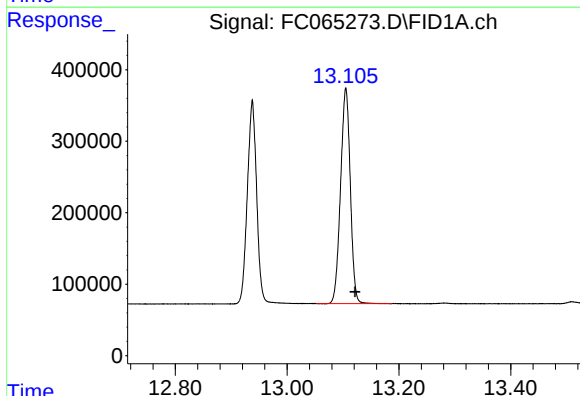
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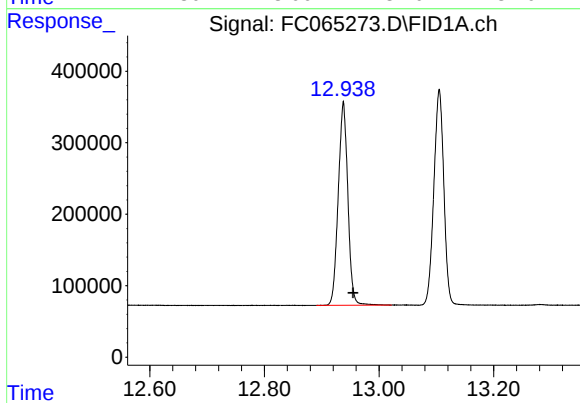
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.017 min
Response: 3741360
Conc: 20.81 ug/ml



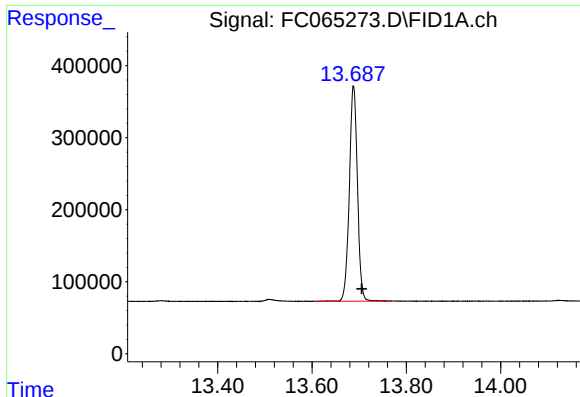
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.016 min
Response: 3643455
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: -0.017 min
Response: 3304347
Conc: 20.90 ug/ml



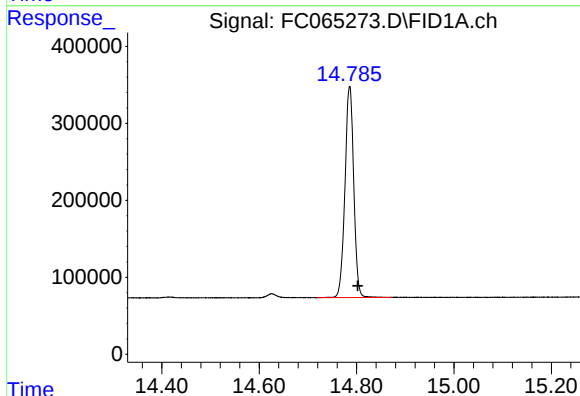
#13 n-Docosane (C22)

R.T.: 13.688 min
Delta R.T.: -0.017 min
Response: 3564013
Conc: 20.75 ug/ml

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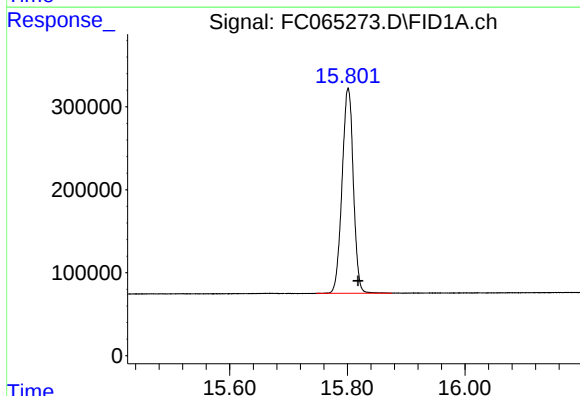
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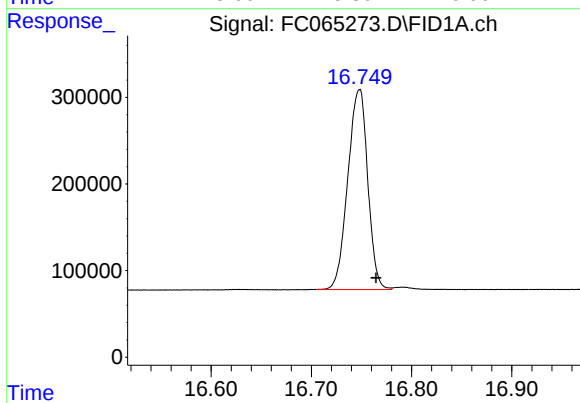
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.017 min
Response: 3430145
Conc: 20.59 ug/ml



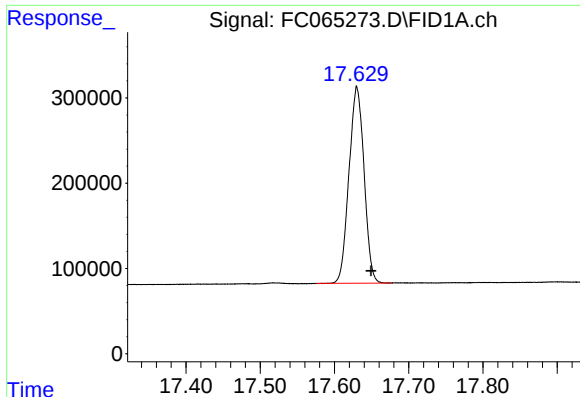
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.017 min
Response: 3287389
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: -0.016 min
Response: 3194261
Conc: 20.41 ug/ml m



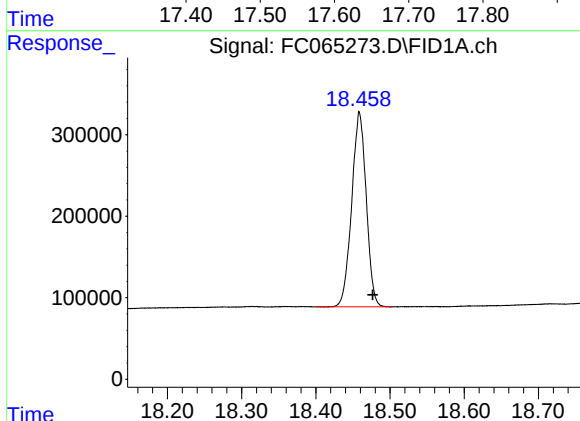
#17 n-Tricontane (C30)

R.T.: 17.630 min
Delta R.T.: -0.019 min
Response: 3249807
Conc: 20.52 ug/ml

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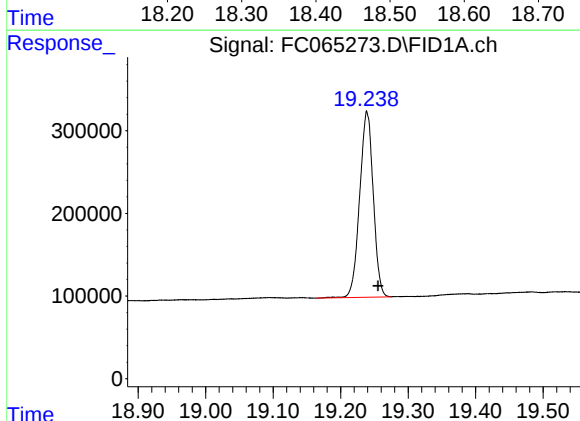
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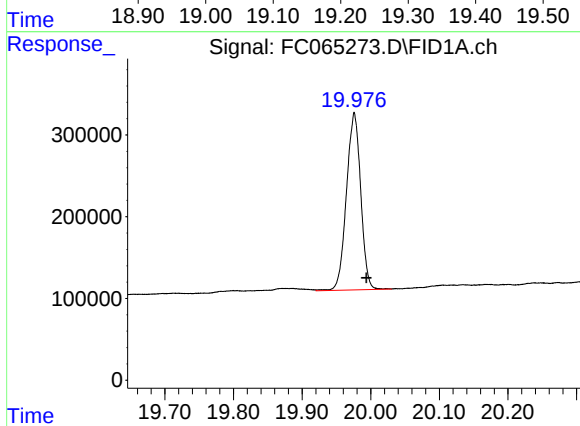
#18 n-Dotriacontane (C32)

R.T.: 18.459 min
Delta R.T.: -0.018 min
Response: 3250489
Conc: 20.59 ug/ml



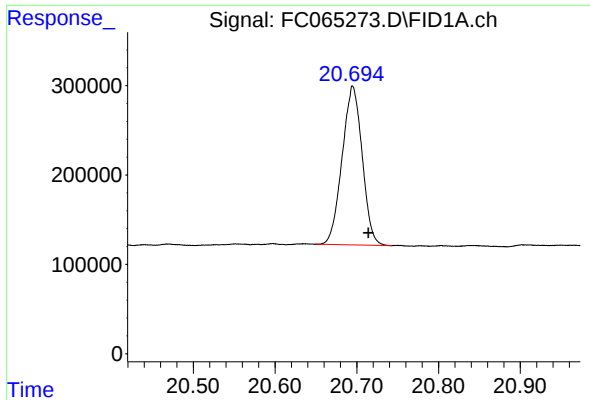
#19 n-Tetratriacontane (C34)

R.T.: 19.239 min
Delta R.T.: -0.017 min
Response: 3143389
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.018 min
Response: 3133117
Conc: 20.77 ug/ml



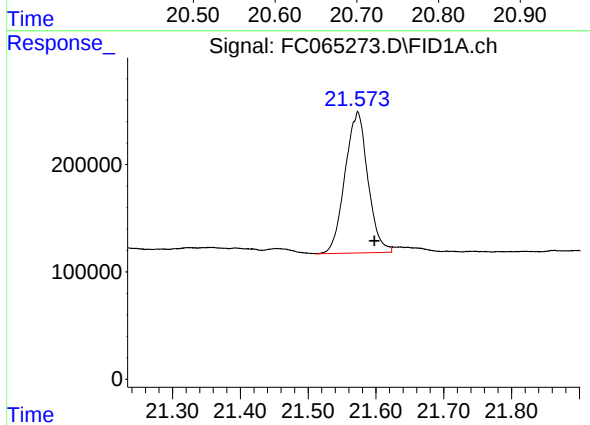
#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: -0.019 min
Response: 3025694
Conc: 20.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.573 min
Delta R.T.: -0.025 min
Response: 3081549
Conc: 20.95 ug/ml m