

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
 Data File : FC066449.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2024 16:11
 Operator : YP/AJ
 Sample : P2560-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 INT-PE2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :Ankita Jodhani 05/24/2024

Integration File: autoint1.e
 Quant Time: May 24 02:54:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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			
12) S 1-chlorooctadecane (S...	12.982	6172090	50.319 ug/mlm
Spiked Amount 50.000		Recovery =	100.64%
Target Compounds			
1) T n-Nonane (C9)	3.313	2914975	19.301 ug/ml
2) T n-Decane (C10)	4.381	4032838	26.224 ug/ml
4) T n-Dodecane (C12)	6.404	5567335	36.226 ug/ml
6) T n-Tetradecane (C14)	8.216	9772593	64.574 ug/ml
7) T n-Hexadecane (C16)	9.803	8072694	52.795 ug/ml
8) T n-Octadecane (C18)	11.309f	6002750	39.546 ug/mlm
10) T n-Eicosane (C20)	12.569	3191381	22.185 ug/mlm
11) T n-Heneicosane (C21)	13.142	8077359	57.463 ug/mlm
13) T n-Docosane (C22)	13.724	5998139	42.842 ug/mlm
14) T n-Tetracosane (C24)	14.877	6006867	42.669 ug/ml
15) T n-Hexacosane (C26)	15.883	5202366	38.033 ug/ml
16) T n-Octacosane (C28)	16.828	5116917	38.209 ug/ml
17) T n-Tricontane (C30)	17.715	5106609	37.893 ug/ml
18) T n-Dotriacontane (C32)	18.546	5080854	39.461 ug/ml
19) T n-Tetratriacontane (C34)	19.330	5033726	42.545 ug/ml
20) T n-Hexatriacontane (C36)	20.070	5000105	43.500 ug/ml
21) T n-Octatriacontane (C38)	20.805	4996709	46.423 ug/ml
22) T n-Tetracontane (C40)	21.713	4874145	45.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P2560-10MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

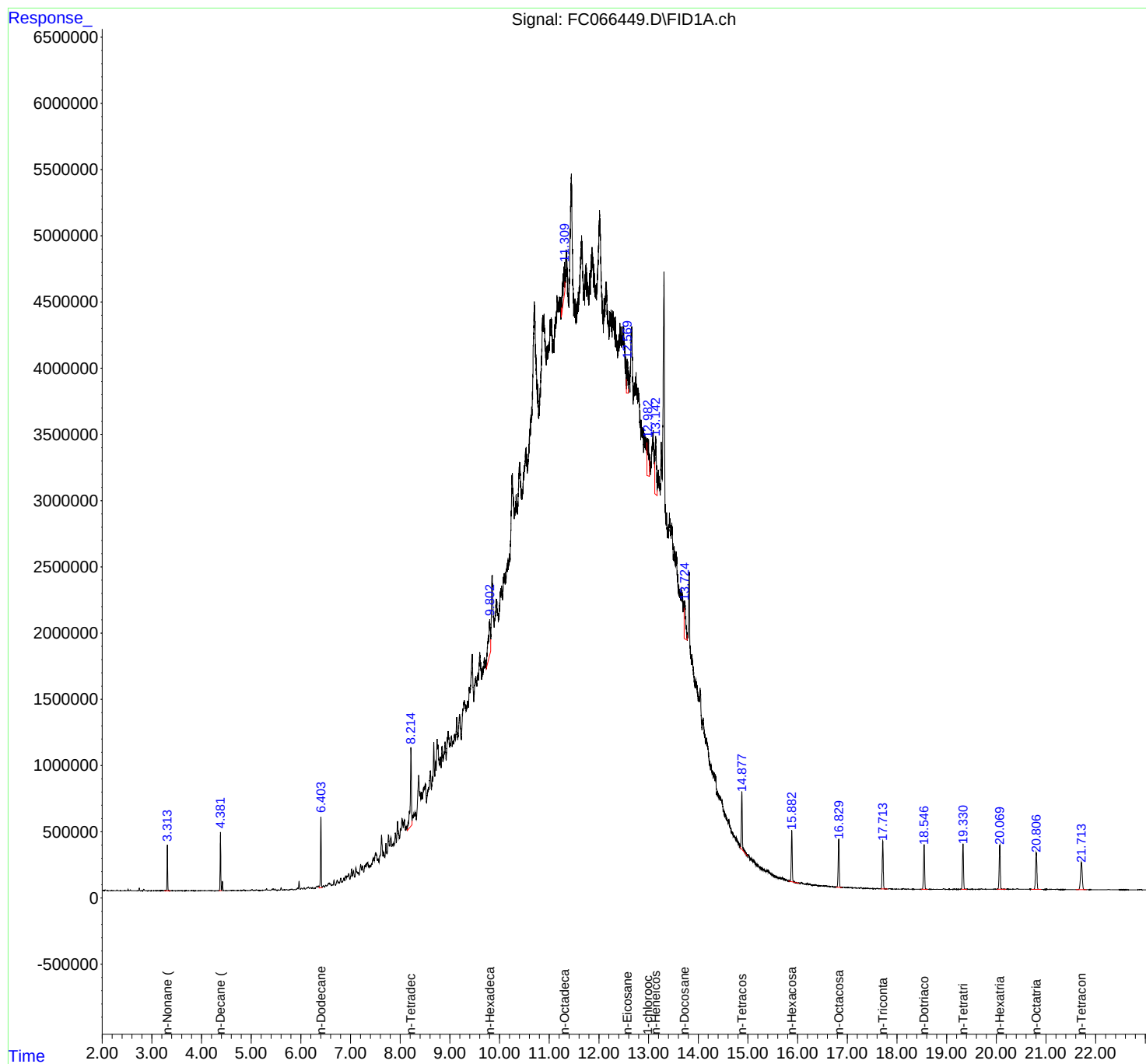
Instrument :
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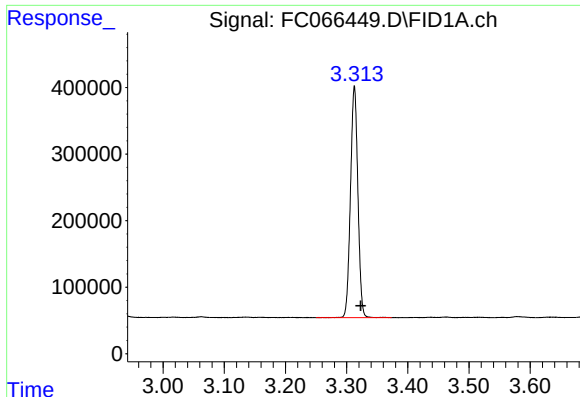
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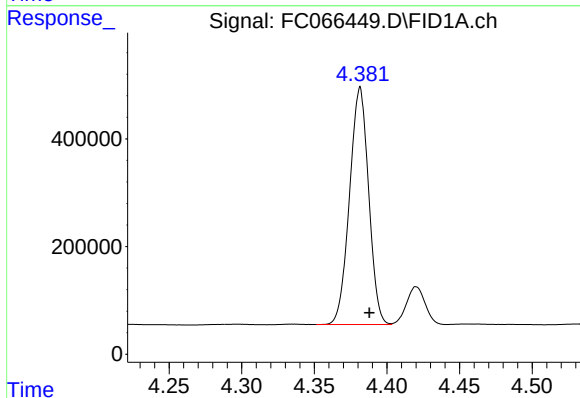
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 2914975
Conc: 19.30 ug/ml

Instrument :
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ClientSampleId :
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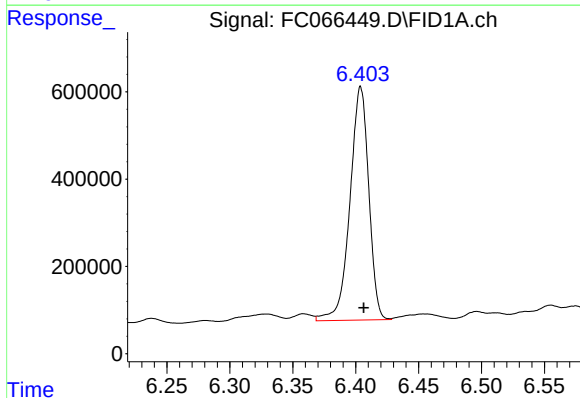
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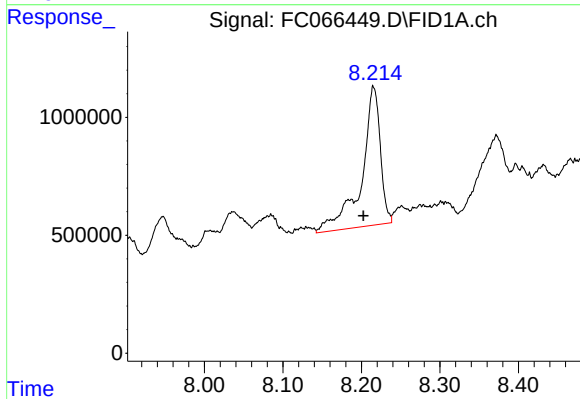
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.007 min
Response: 4032838
Conc: 26.22 ug/ml



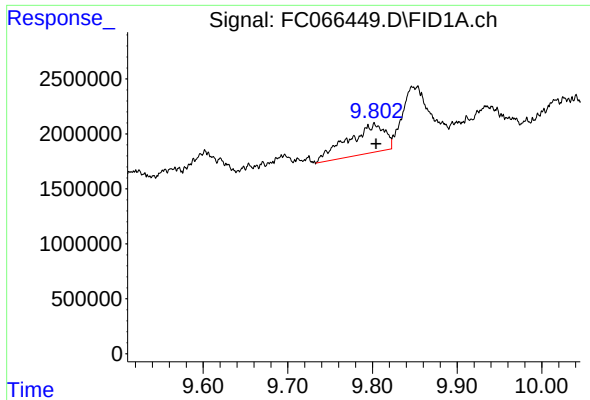
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 5567335
Conc: 36.23 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: 0.013 min
Response: 9772593
Conc: 64.57 ug/ml



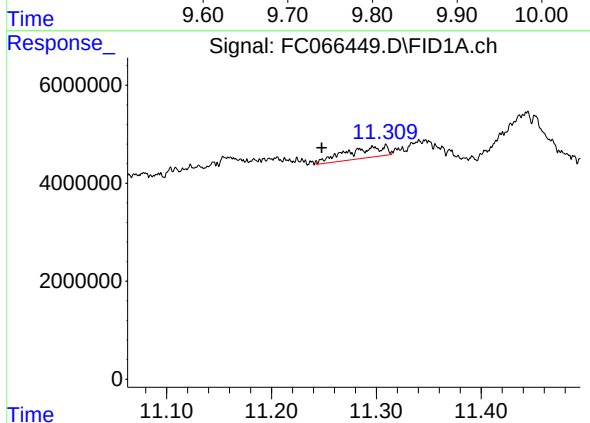
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 8072694
Conc: 52.79 ug/ml

Instrument :
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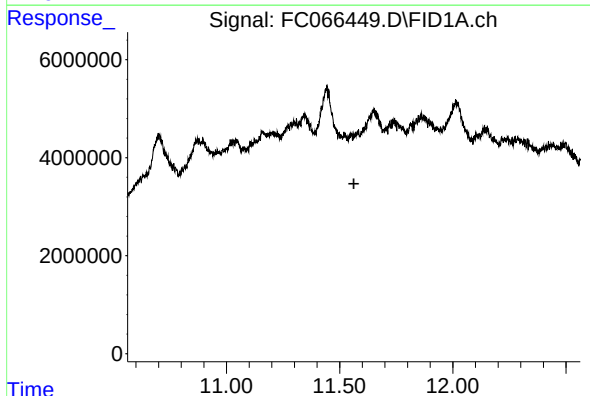
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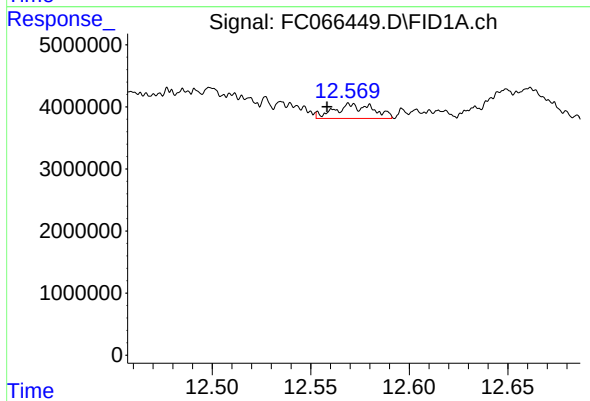
#8 n-Octadecane (C18)

R.T.: 11.309 min
Delta R.T.: 0.061 min
Response: 6002750
Conc: 39.55 ug/ml m



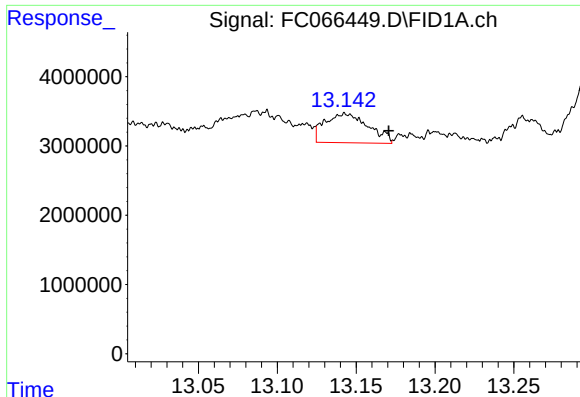
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: 0.011 min
Response: 3191381
Conc: 22.18 ug/ml m



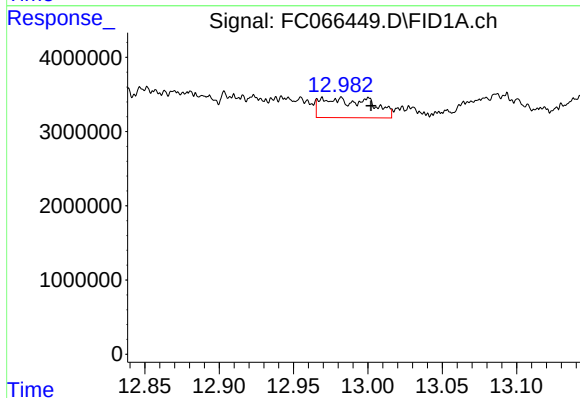
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.028 min
Response: 8077359
Conc: 57.46 ug/ml

Instrument :
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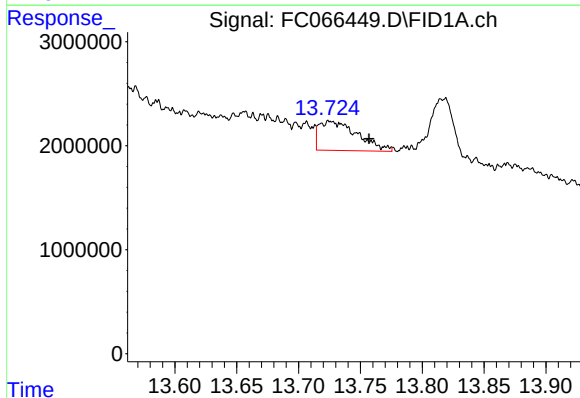
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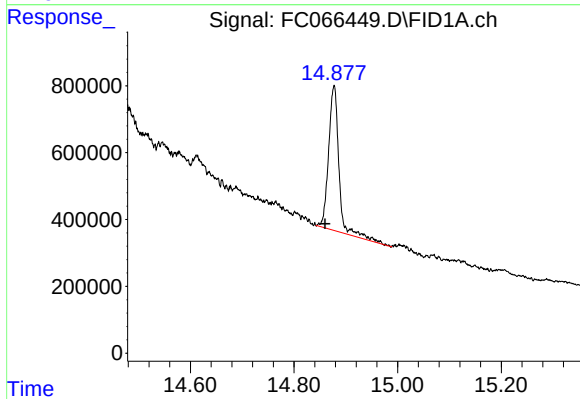
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: -0.020 min
Response: 6172090
Conc: 50.32 ug/ml m



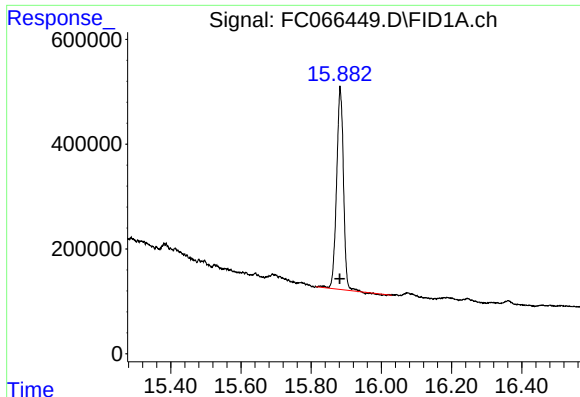
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.033 min
Response: 5998139
Conc: 42.84 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.017 min
Response: 6006867
Conc: 42.67 ug/ml



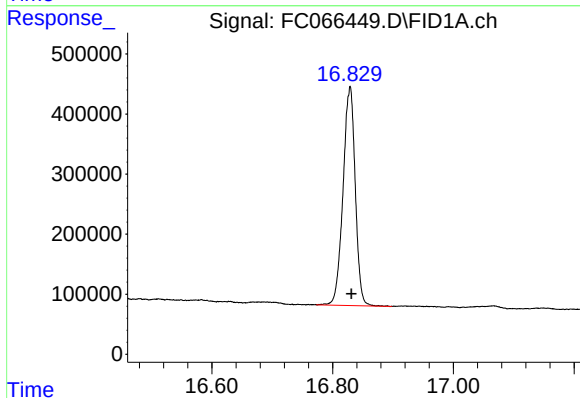
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: 0.002 min
Response: 5202366
Conc: 38.03 ug/ml

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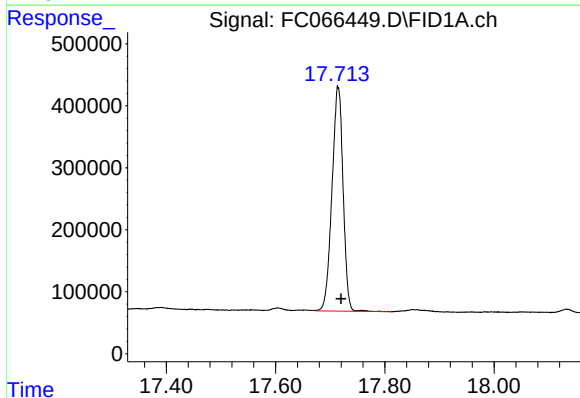
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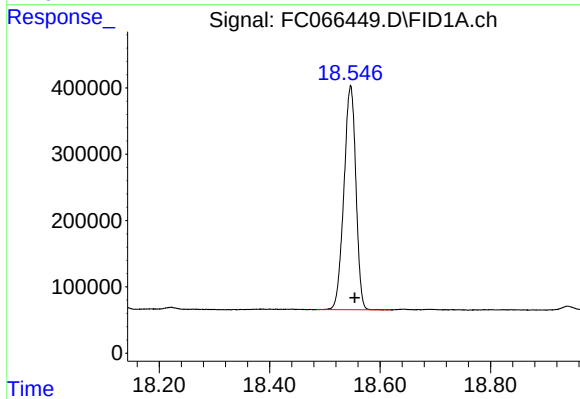
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.003 min
Response: 5116917
Conc: 38.21 ug/ml



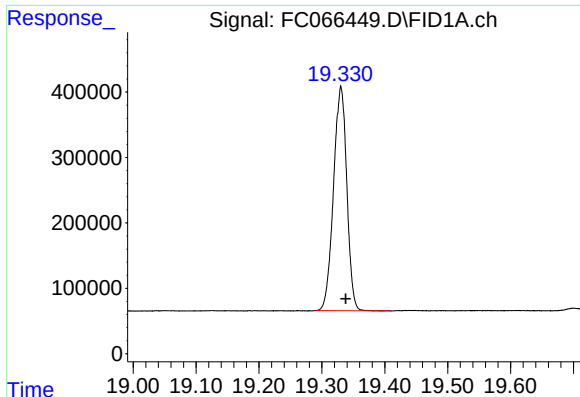
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.005 min
Response: 5106609
Conc: 37.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.008 min
Response: 5080854
Conc: 39.46 ug/ml



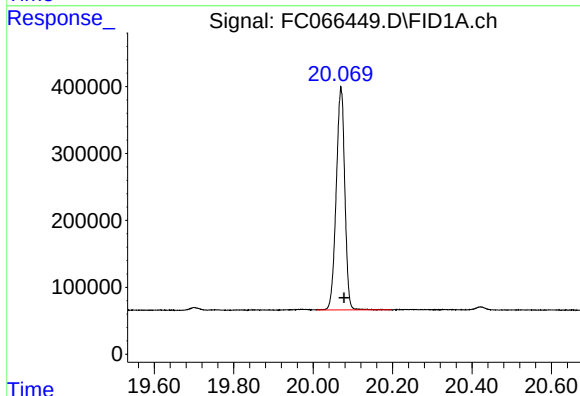
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.008 min
Response: 5033726
Conc: 42.55 ug/ml

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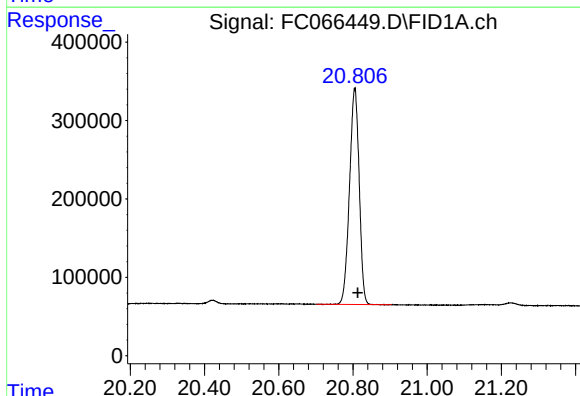
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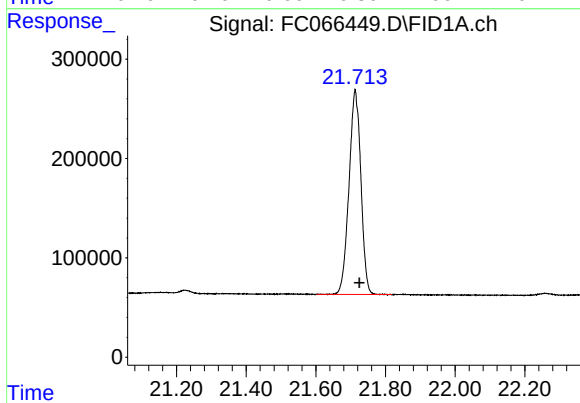
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: -0.008 min
Response: 5000105
Conc: 43.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.008 min
Response: 4996709
Conc: 46.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: -0.012 min
Response: 4874145
Conc: 45.45 ug/ml