

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065546.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 18:47
 Operator : YP/AJ
 Sample : 06038-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-703MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:32:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.496	6504841	28.424 ug/ml
Spiked Amount 50.000		Recovery =	56.85%
12) S 1-chlorooctadecane (S...	12.929	4912422	30.053 ug/mlm
Spiked Amount 50.000		Recovery =	60.11%
Target Compounds			
1) T n-Nonane (C9)	3.296	5429266	27.304 ug/ml
2) T n-Decane (C10)	4.354	6115594	30.505 ug/ml
3) T A~Naphthalene (C11.7)	5.934	6914686	34.404 ug/ml
4) T n-Dodecane (C12)	6.365	6585025	32.211 ug/ml
5) T A~2-methylnaphthalene...	6.989	6919340	35.440 ug/ml
6) T n-Tetradecane (C14)	8.154	6809052	33.989 ug/ml
7) T n-Hexadecane (C16)	9.747	7033438	35.137 ug/ml
8) T n-Octadecane (C18)	11.183	7340438	37.301 ug/ml
10) T n-Eicosane (C20)	12.487	7378925	39.361 ug/mlm
11) T n-Heneicosane (C21)	13.096	7071126	38.769 ug/mlm
13) T n-Docosane (C22)	13.681	7086847	39.279 ug/mlm
14) T n-Tetracosane (C24)	14.774	13398621	74.373 ug/ml
15) T n-Hexacosane (C26)	15.793	6290033	36.311 ug/ml
16) T n-Octacosane (C28)	16.740	6483293	37.804 ug/mlm
17) T n-Tricontane (C30)	17.623	6078596	34.707 ug/ml
18) T n-Dotriacontane (C32)	18.449	5985668	34.316 ug/mlm
19) T n-Tetratriacontane (C34)	19.229	5787010	34.974 ug/ml
20) T n-Hexatriacontane (C36)	19.965	5605628	34.720 ug/mlm
21) T n-Octatriacontane (C38)	20.685	5523752	34.829 ug/ml
22) T n-Tetracontane (C40)	21.559	5394885	33.870 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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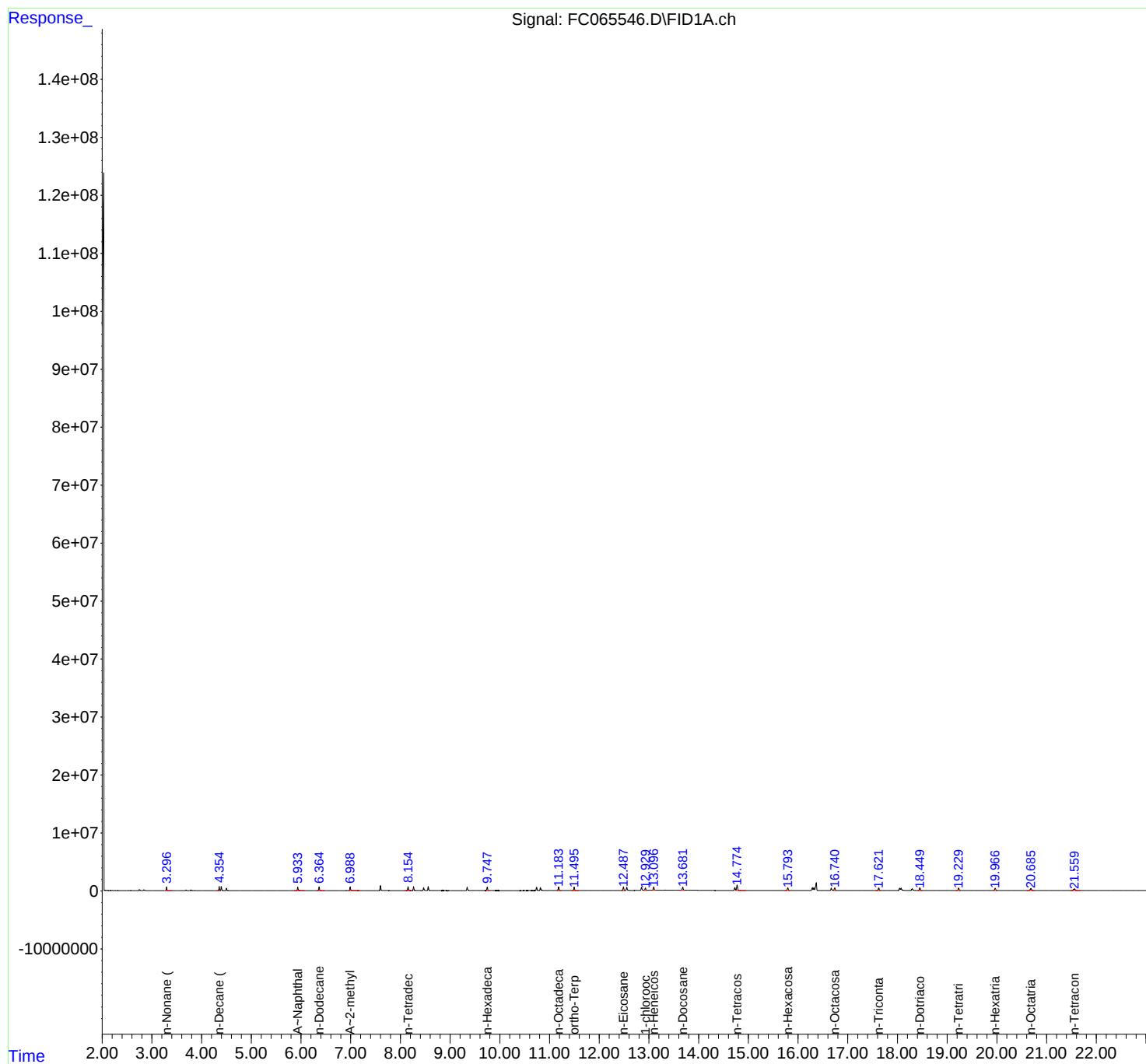
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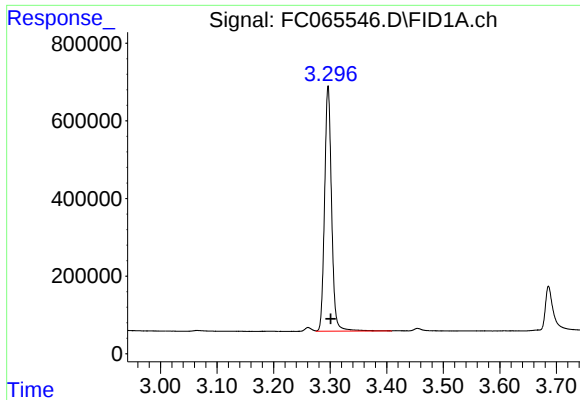
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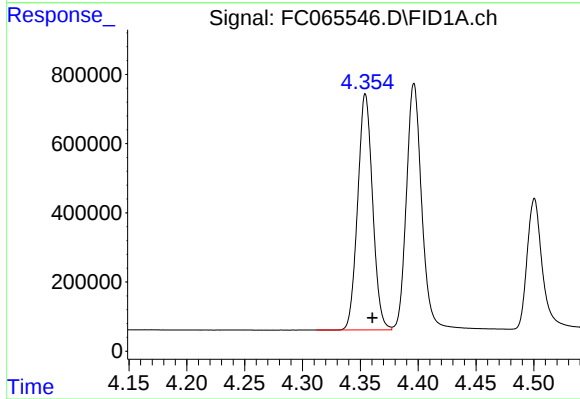
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 5429266
Conc: 27.30 ug/ml

Instrument :
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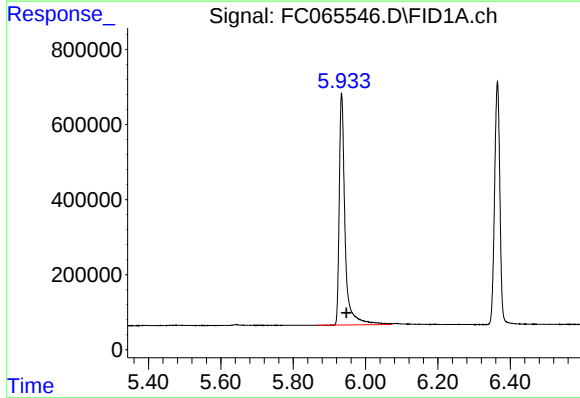
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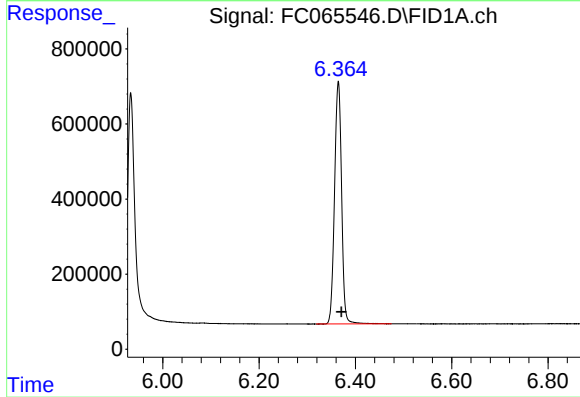
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.006 min
Response: 6115594
Conc: 30.51 ug/ml



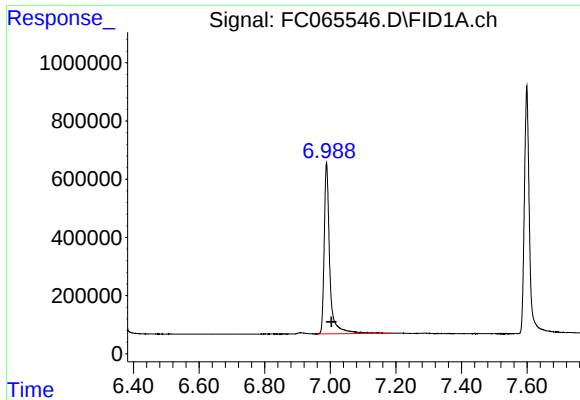
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.014 min
Response: 6914686
Conc: 34.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: -0.007 min
Response: 6585025
Conc: 32.21 ug/ml



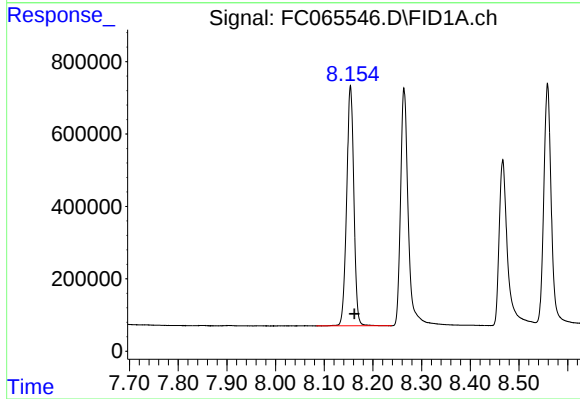
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.014 min
Response: 6919340
Conc: 35.44 ug/ml

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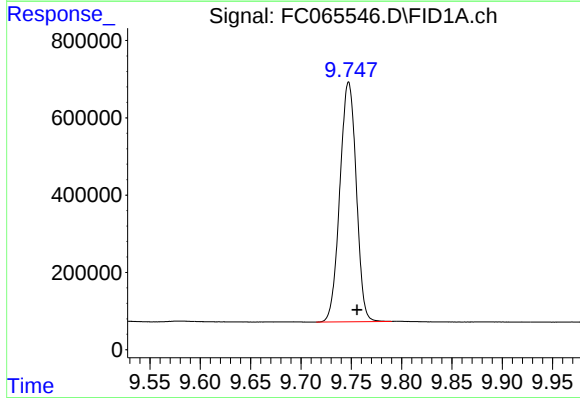
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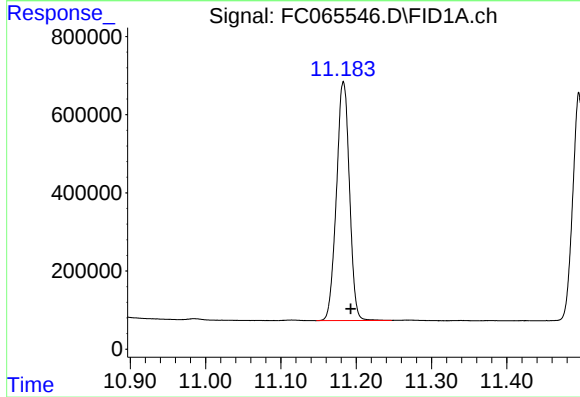
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: -0.008 min
Response: 6809052
Conc: 33.99 ug/ml



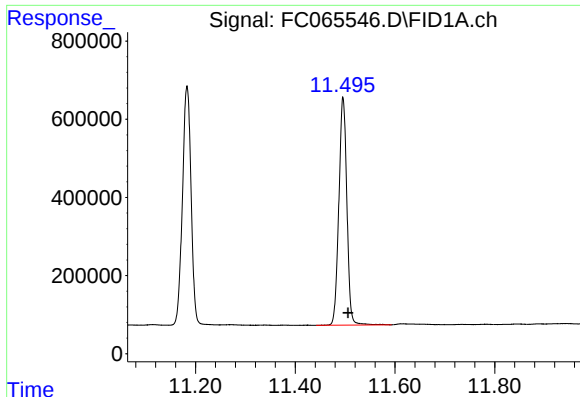
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: -0.008 min
Response: 7033438
Conc: 35.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: -0.010 min
Response: 7340438
Conc: 37.30 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.010 min
Response: 6504841
Conc: 28.42 ug/ml

Instrument :

FID_C

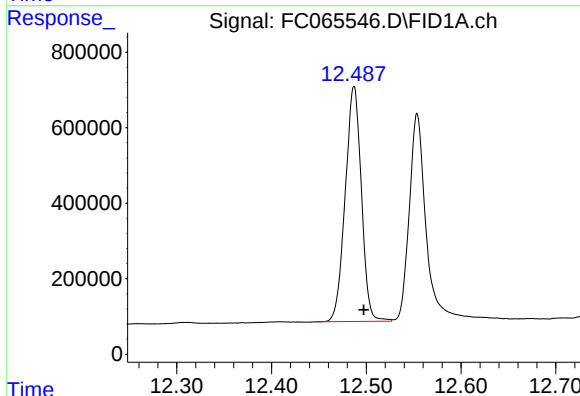
ClientSampleId :

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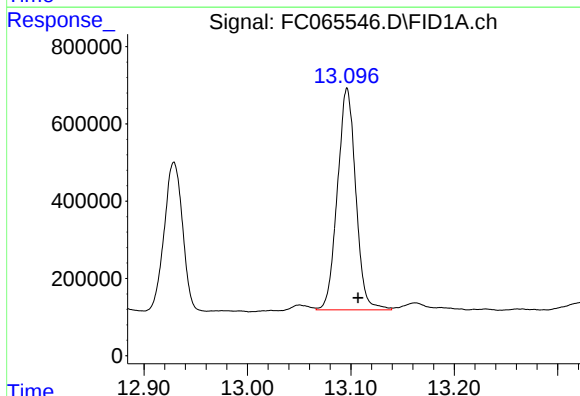
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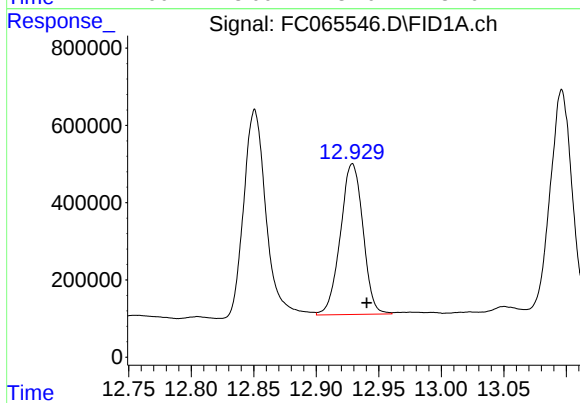
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.011 min
Response: 7378925
Conc: 39.36 ug/ml m



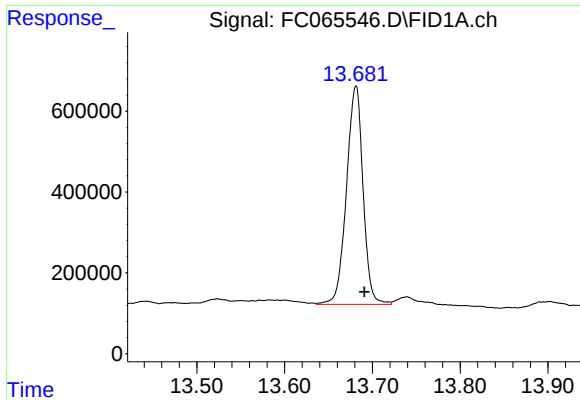
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.011 min
Response: 7071126
Conc: 38.77 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.012 min
Response: 4912422
Conc: 30.05 ug/ml m



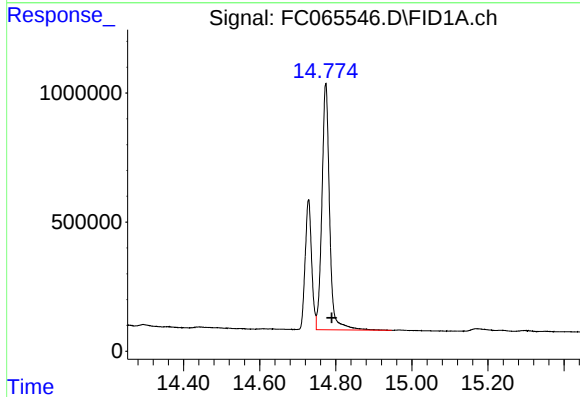
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: -0.010 min
Response: 7086847
Conc: 39.28 ug/ml

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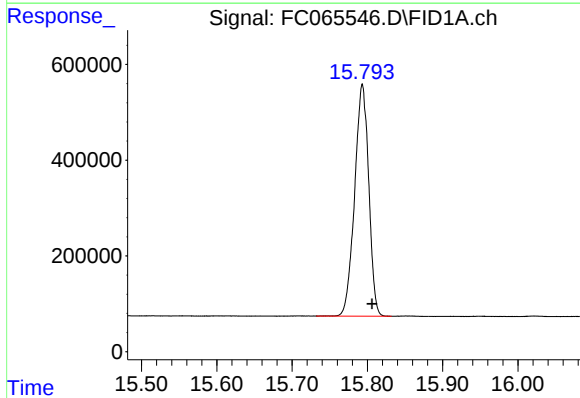
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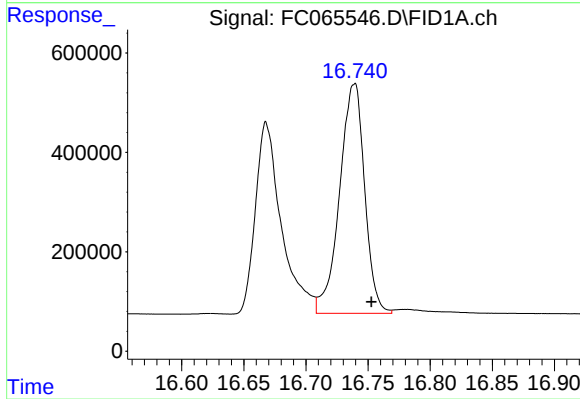
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: -0.015 min
Response: 13398621
Conc: 74.37 ug/ml



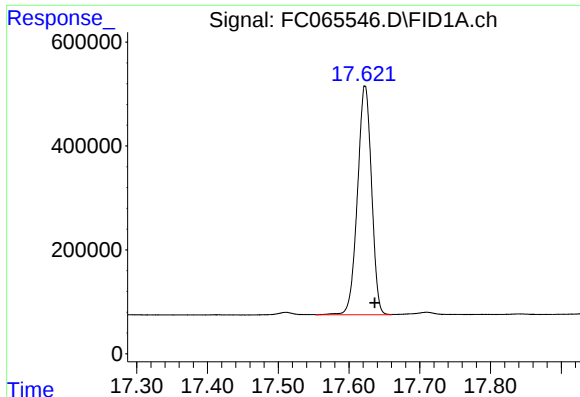
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.013 min
Response: 6290033
Conc: 36.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: -0.013 min
Response: 6483293
Conc: 37.80 ug/ml m



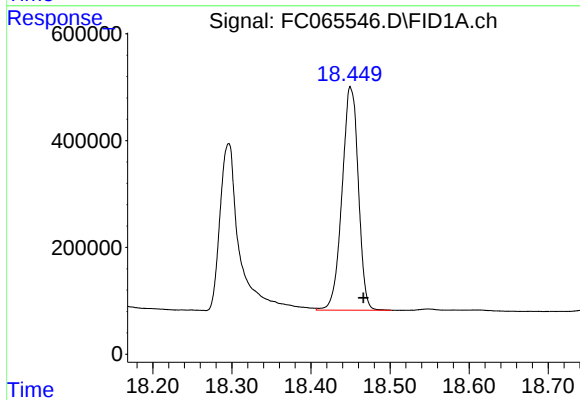
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: -0.014 min
Response: 6078596
Conc: 34.71 ug/ml

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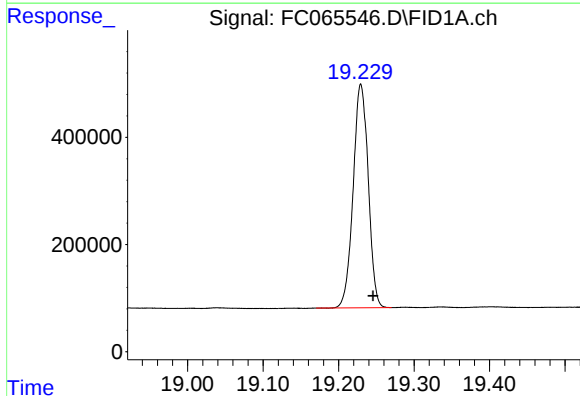
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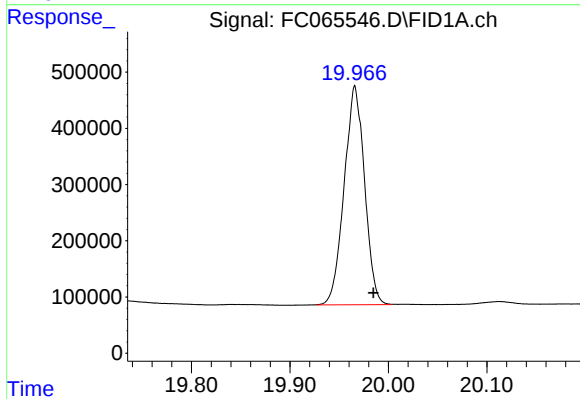
#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: -0.017 min
Response: 5985668
Conc: 34.32 ug/ml m



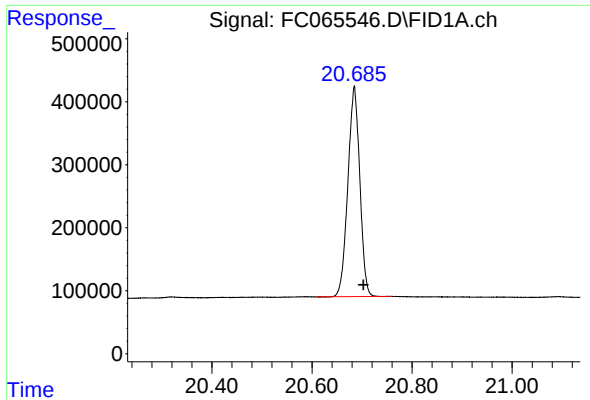
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: -0.016 min
Response: 5787010
Conc: 34.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: -0.019 min
Response: 5605628
Conc: 34.72 ug/ml m



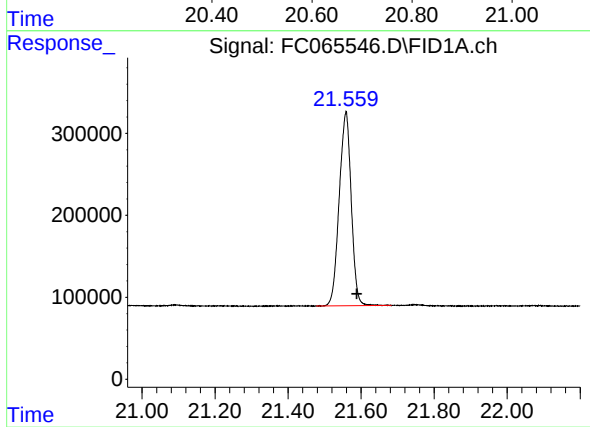
#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.018 min
Response: 5523752
Conc: 34.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.029 min
Response: 5394885
Conc: 33.87 ug/ml