

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067424.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2024 06:45
 Operator : YP/AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:27:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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...	12.942	4365533	38.567 ug/ml
Spiked Amount 50.000		Recovery =	77.13%
Target Compounds			
1) T n-Nonane (C9)	3.276	346459	2.733 ug/ml
2) T n-Decane (C10)	4.340	425901	3.313 ug/ml
4) T n-Dodecane (C12)	6.357	490078	3.777 ug/ml
6) T n-Tetradecane (C14)	8.150	485772	3.772 ug/ml
7) T n-Hexadecane (C16)	9.748	481677	3.618 ug/ml
8) T n-Octadecane (C18)	11.188	502146	3.703 ug/ml
10) T n-Eicosane (C20)	12.496	521291	3.992 ug/ml
11) T n-Heneicosane (C21)	13.107	491828	3.835 ug/ml
13) T n-Docosane (C22)	13.693	500319	3.918 ug/ml
14) T n-Tetracosane (C24)	14.793	494447	3.866 ug/mlm
15) T n-Hexacosane (C26)	15.814	486509	3.859 ug/ml
16) T n-Octacosane (C28)	16.762	482744	3.843 ug/ml
17) T n-Tricontane (C30)	17.649	500657	3.886 ug/ml
18) T n-Dotriacontane (C32)	18.482	526320	4.213 ug/ml
19) T n-Tetratriacontane (C34)	19.263	491877	4.501 ug/ml
20) T n-Hexatriacontane (C36)	20.003	473870	5.014 ug/ml
21) T n-Octatriacontane (C38)	20.726	466346	5.318 ug/ml
22) T n-Tetracontane (C40)	21.615	470978	5.473 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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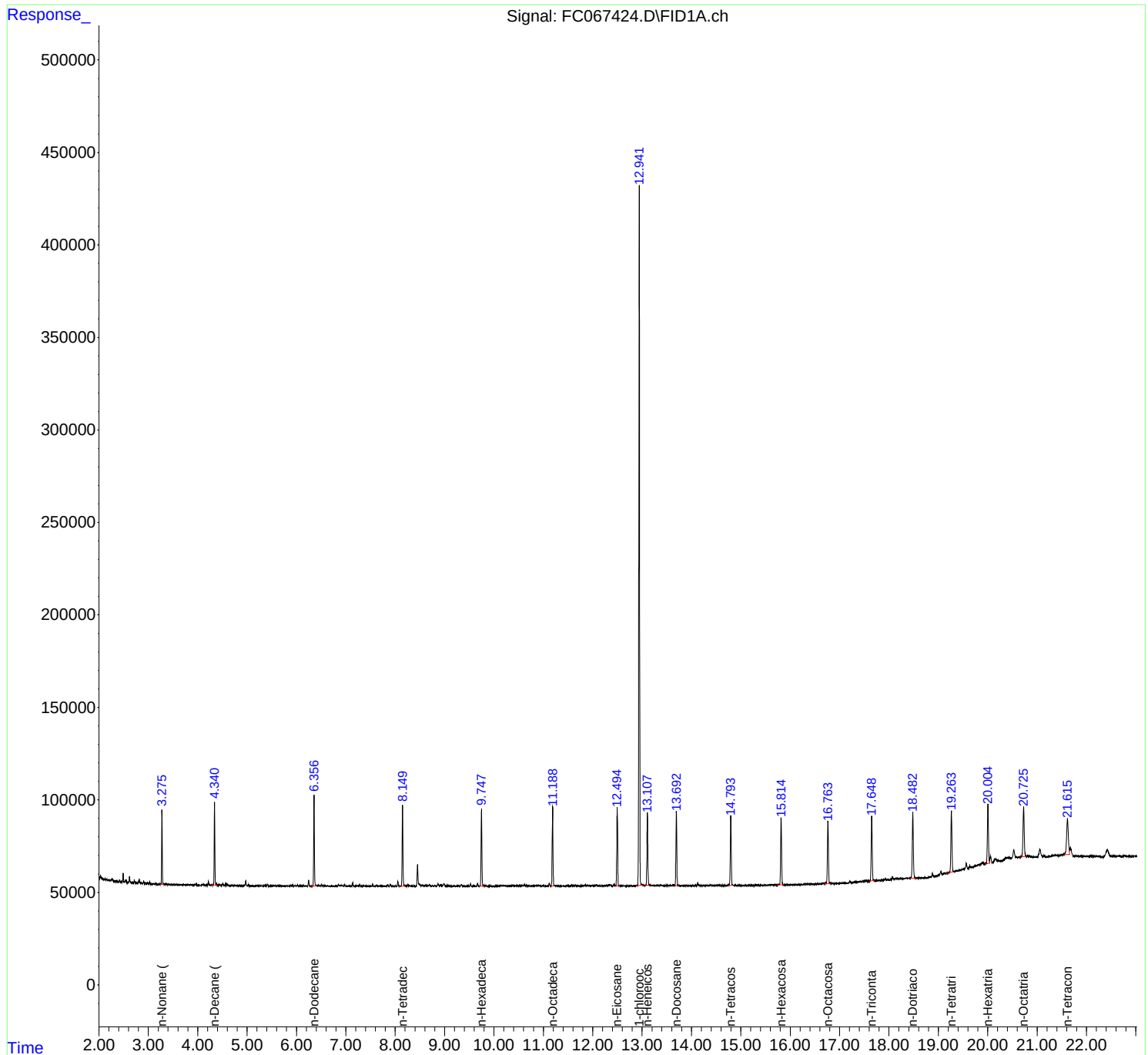
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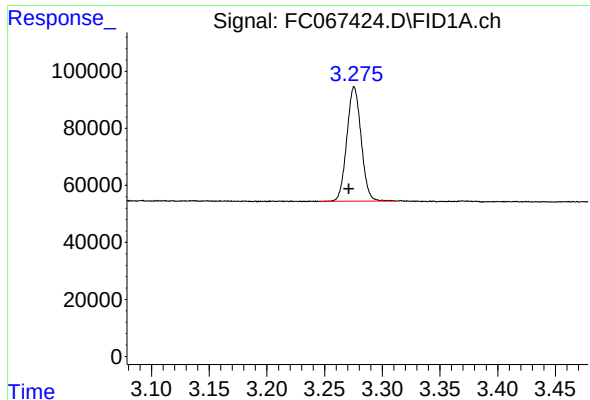
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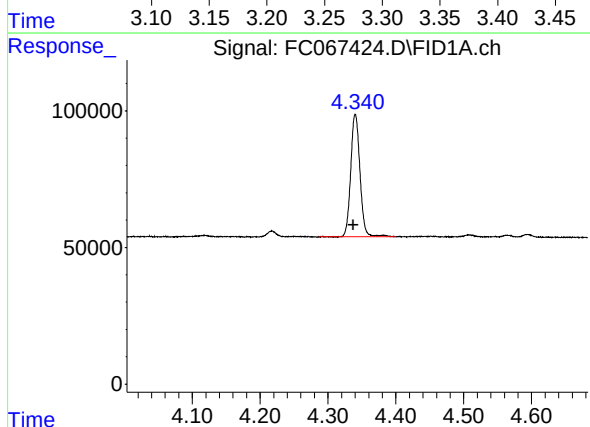
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 346459
Conc: 2.73 ug/ml

Instrument :
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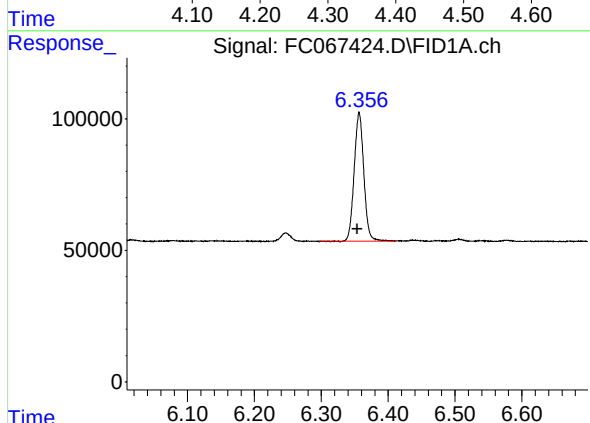
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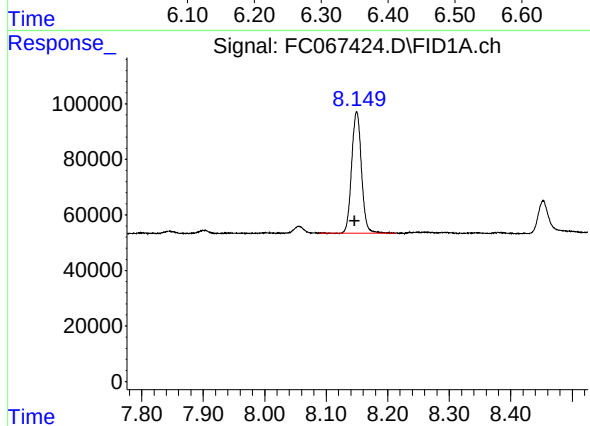
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 425901
Conc: 3.31 ug/ml



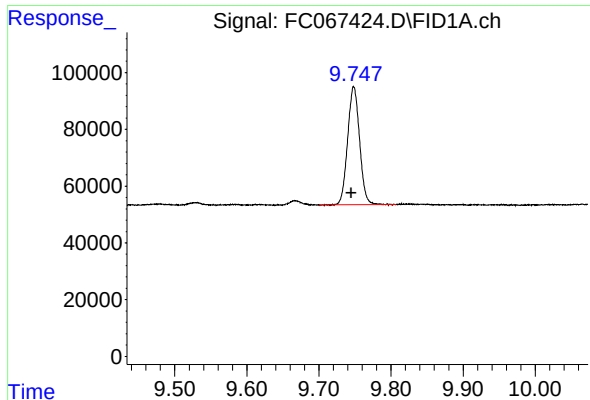
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 490078
Conc: 3.78 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.003 min
Response: 485772
Conc: 3.77 ug/ml



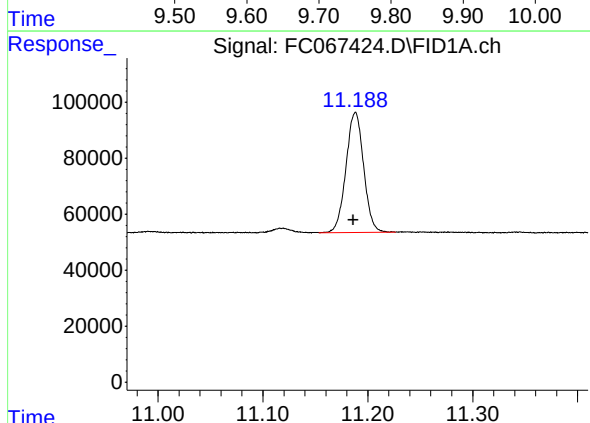
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 481677
Conc: 3.62 ug/ml

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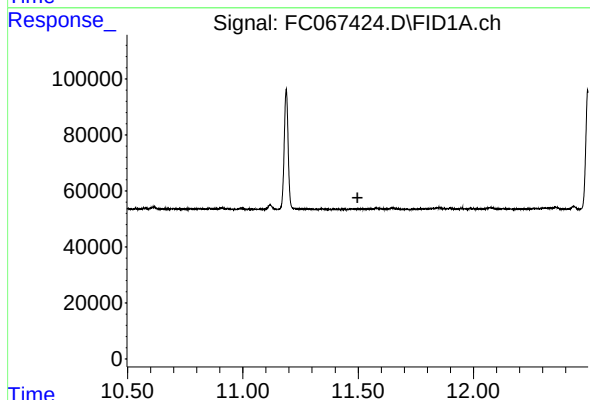
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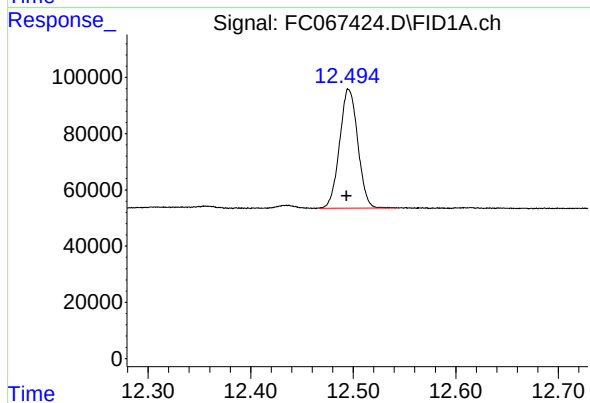
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 502146
Conc: 3.70 ug/ml



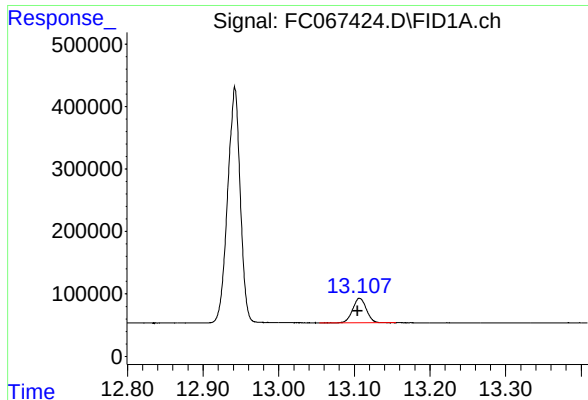
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.002 min
Response: 521291
Conc: 3.99 ug/ml



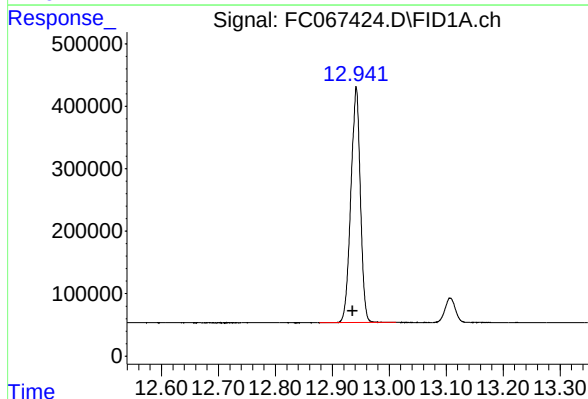
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.003 min
Response: 491828
Conc: 3.83 ug/ml

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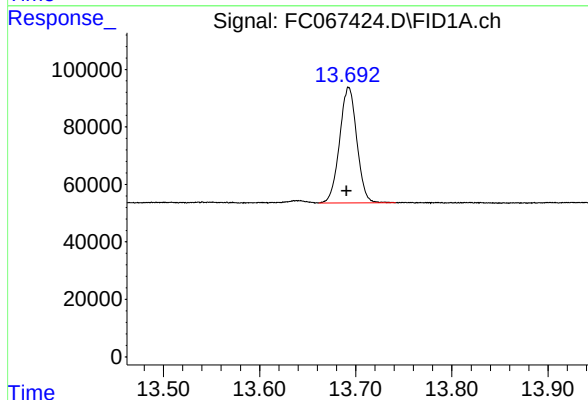
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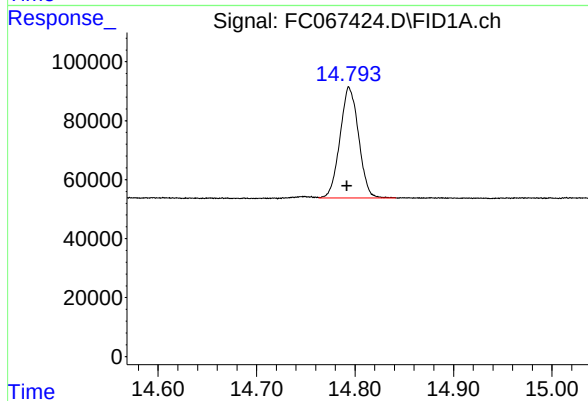
#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: 0.006 min
Response: 4365533
Conc: 38.57 ug/ml



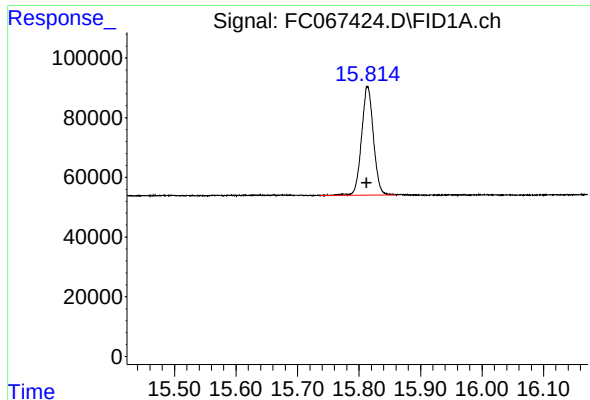
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: 0.002 min
Response: 500319
Conc: 3.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.001 min
Response: 494447
Conc: 3.87 ug/ml m



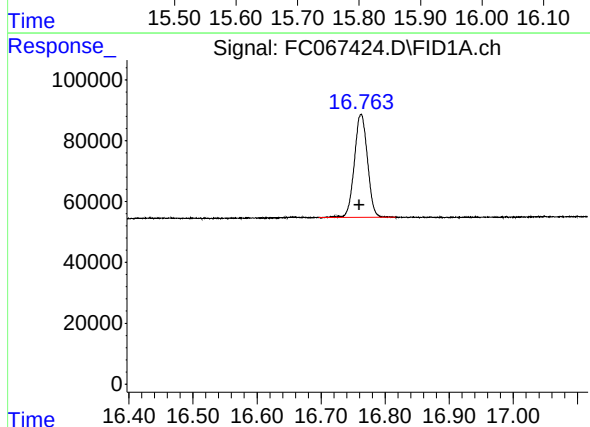
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.002 min
Response: 486509
Conc: 3.86 ug/ml

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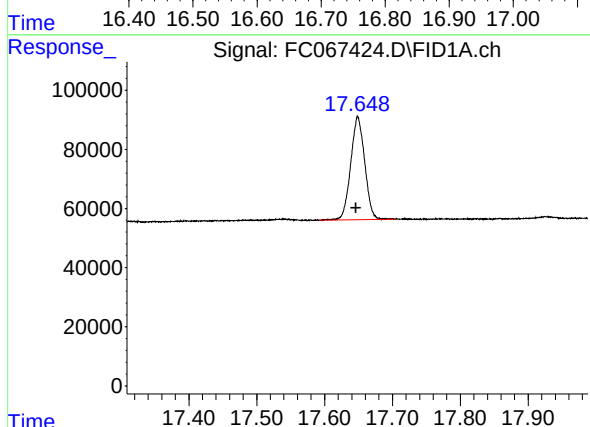
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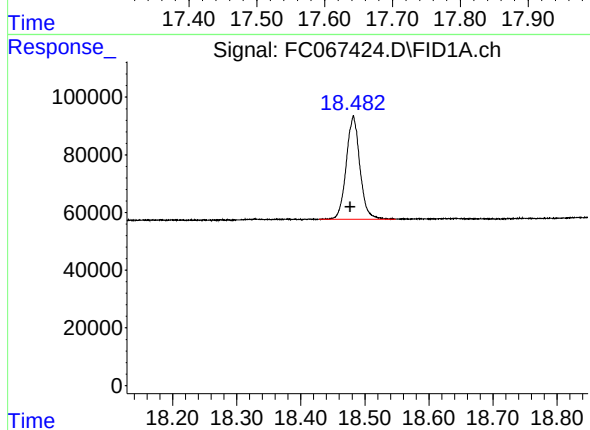
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.003 min
Response: 482744
Conc: 3.84 ug/ml



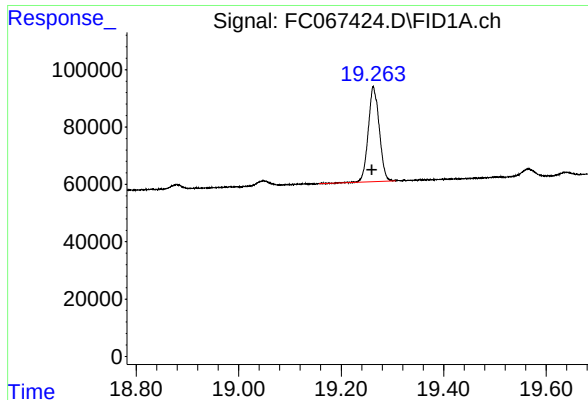
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.003 min
Response: 500657
Conc: 3.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: 0.004 min
Response: 526320
Conc: 4.21 ug/ml



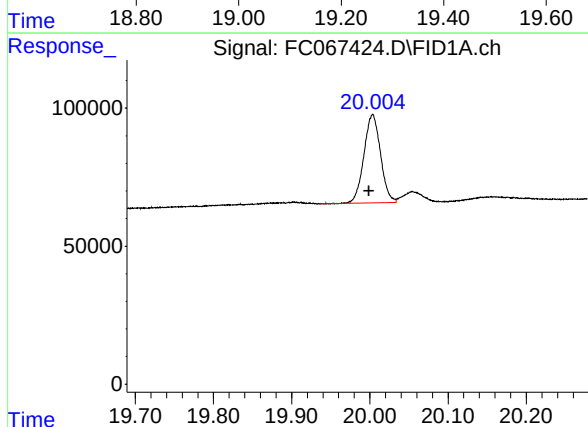
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.004 min
Response: 491877
Conc: 4.50 ug/ml

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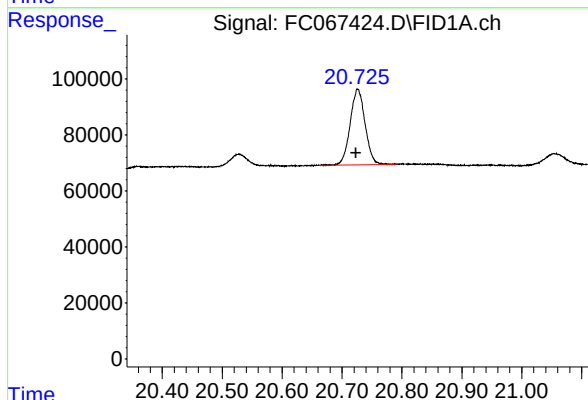
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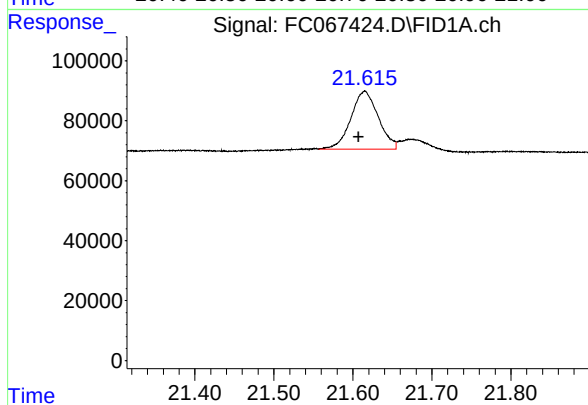
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.004 min
Response: 473870
Conc: 5.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.003 min
Response: 466346
Conc: 5.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: 0.007 min
Response: 470978
Conc: 5.47 ug/ml m