

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092424AL\
 Data File : FC067251.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2024 16:29
 Operator : YP/AJ
 Sample : P4152-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RV-19(0-0.5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :Ankita Jodhani 09/25/2024

Integration File: autoint1.e
 Quant Time: Sep 25 02:43:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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			
9) S ortho-Terphenyl (SURR)	11.502	5182403	37.218 ug/ml
Spiked Amount 50.000		Recovery =	74.44%
12) S 1-chlorooctadecane (S...	12.940	3946250	40.397 ug/ml
Spiked Amount 50.000		Recovery =	80.79%
Target Compounds			
1) T n-Nonane (C9)	3.281	4574604	34.487 ug/ml
2) T n-Decane (C10)	4.344	5213011	38.814 ug/ml
3) T A~Naphthalene (C11.7)	5.920	5642254	39.699 ug/ml
4) T n-Dodecane (C12)	6.358	5430408	40.569 ug/ml
5) T A~2-methylnaphthalene...	6.976	5179942	38.791 ug/ml
6) T n-Tetradecane (C14)	8.153	5876322	45.597 ug/ml
7) T n-Hexadecane (C16)	9.751	6197687	48.072 ug/ml
8) T n-Octadecane (C18)	11.192	6287475	49.143 ug/ml
10) T n-Eicosane (C20)	12.500	6256530	52.088 ug/ml
11) T n-Heneicosane (C21)	13.110	5977610	51.181 ug/ml
13) T n-Docosane (C22)	13.696	5904153	51.136 ug/ml
14) T n-Tetracosane (C24)	14.797	5673186	49.957 ug/ml
15) T n-Hexacosane (C26)	15.818	5680322	51.253 ug/ml
16) T n-Octacosane (C28)	16.766	5538269	51.271 ug/ml
17) T n-Tricontane (C30)	17.653	5500180	50.565 ug/ml
18) T n-Dotriacontane (C32)	18.482	5506538	52.792 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	5387249	58.393 ug/ml
20) T n-Hexatriacontane (C36)	20.005	5074783	64.037 ug/ml
21) T n-Octatriacontane (C38)	20.729	4830056	64.301 ug/ml
22) T n-Tetracontane (C40)	21.618	4184996	59.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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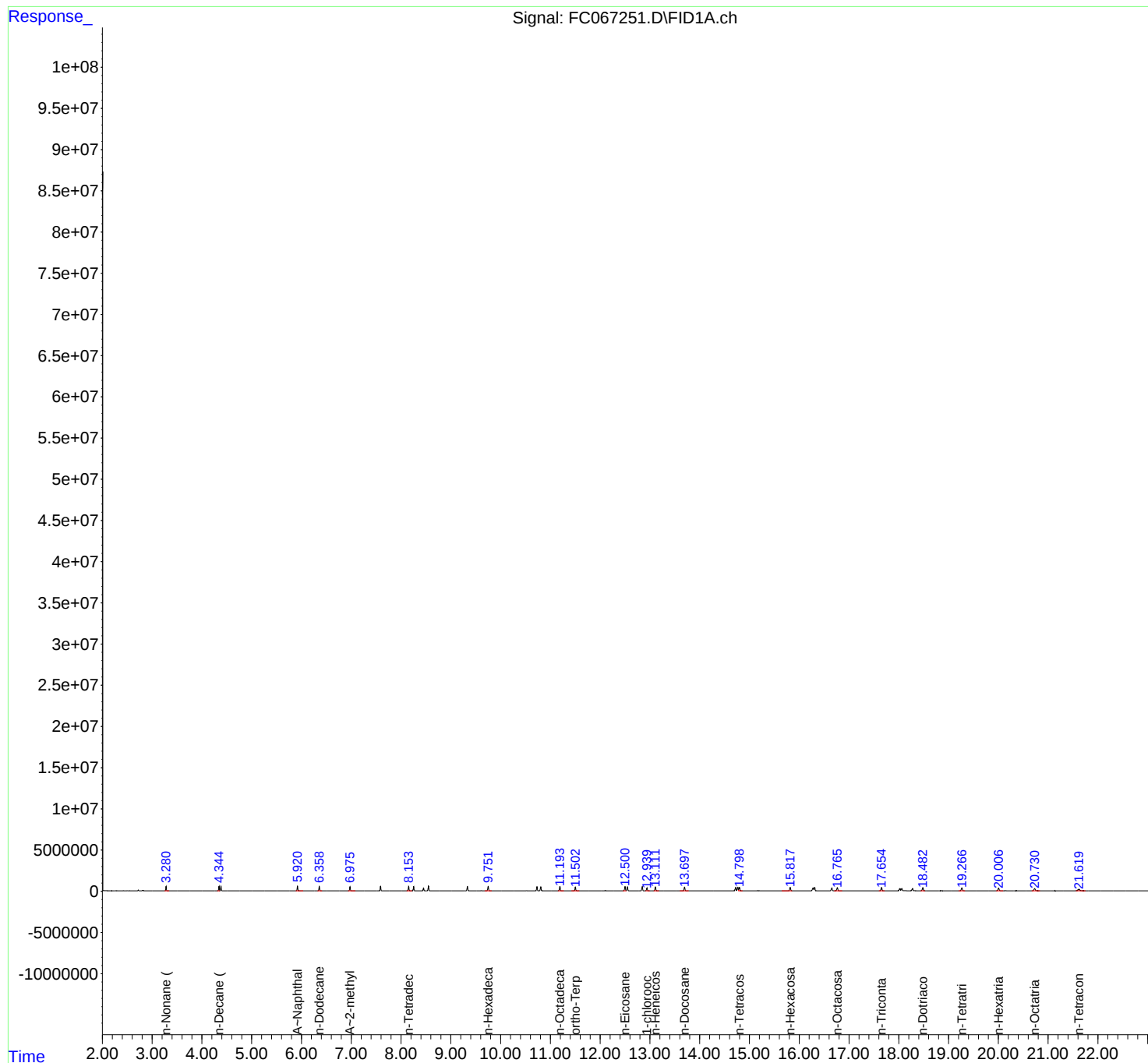
Instrument :
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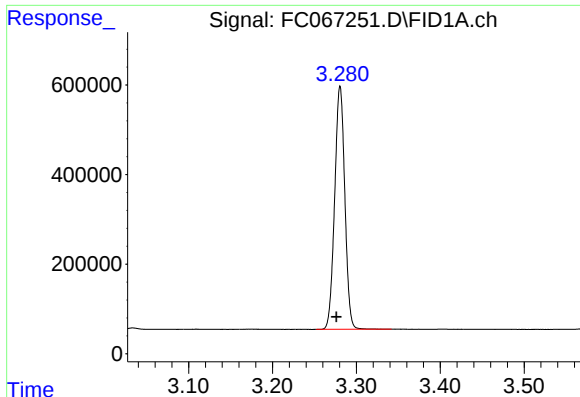
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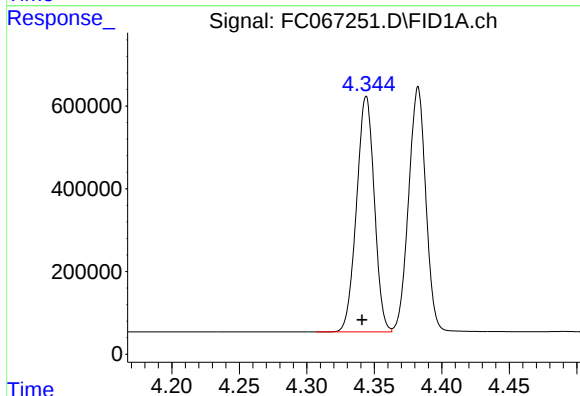
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 4574604
Conc: 34.49 ug/ml

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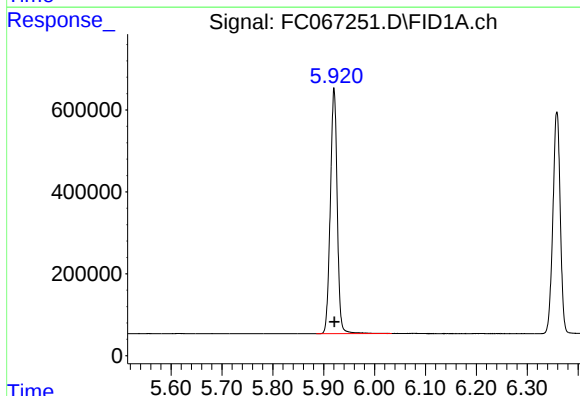
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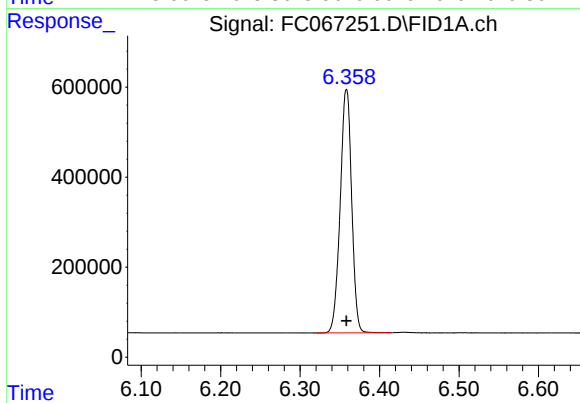
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.003 min
Response: 5213011
Conc: 38.81 ug/ml



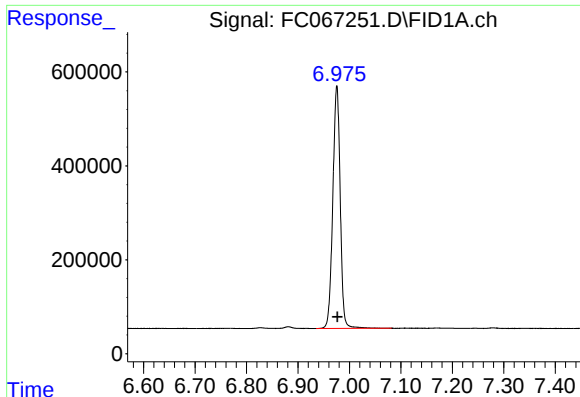
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 5642254
Conc: 39.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 5430408
Conc: 40.57 ug/ml



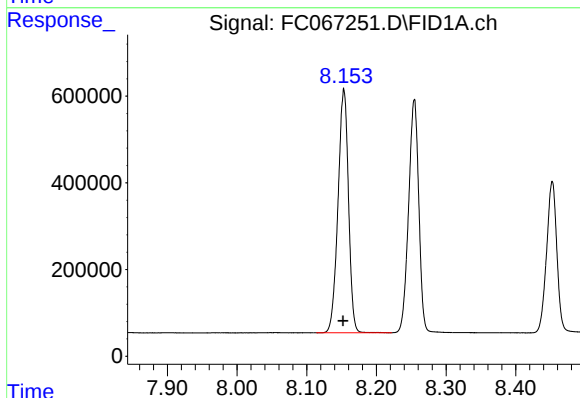
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.002 min
Response: 5179942
Conc: 38.79 ug/ml

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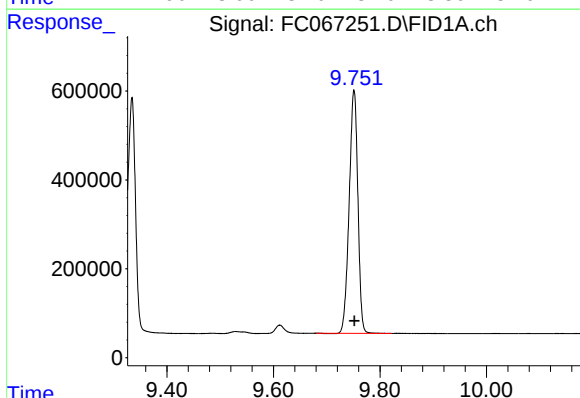
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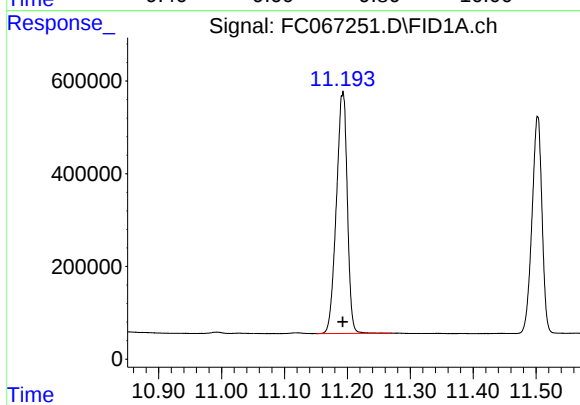
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 5876322
Conc: 45.60 ug/ml



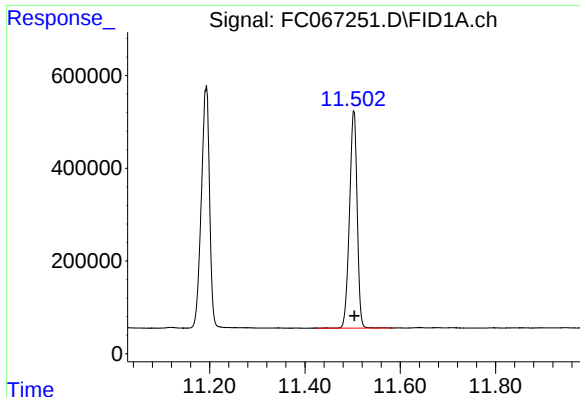
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 6197687
Conc: 48.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 6287475
Conc: 49.14 ug/ml



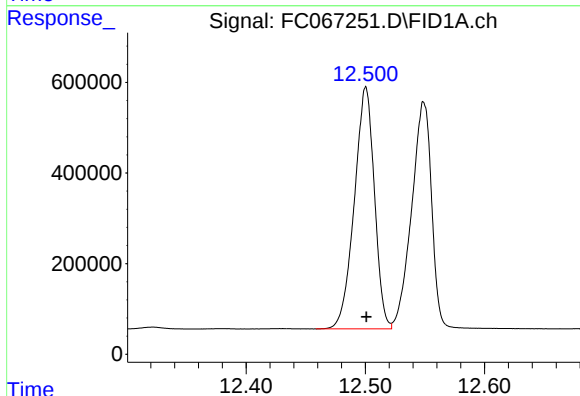
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.002 min
Response: 5182403
Conc: 37.22 ug/ml

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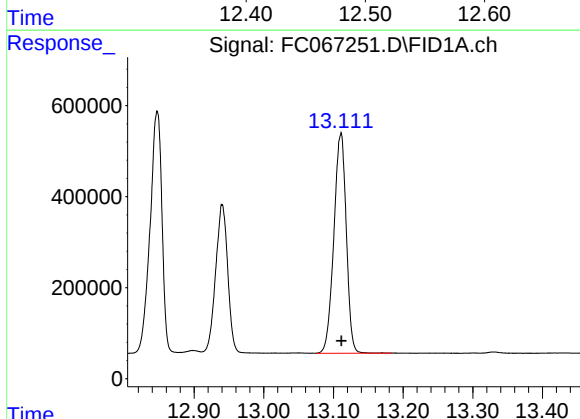
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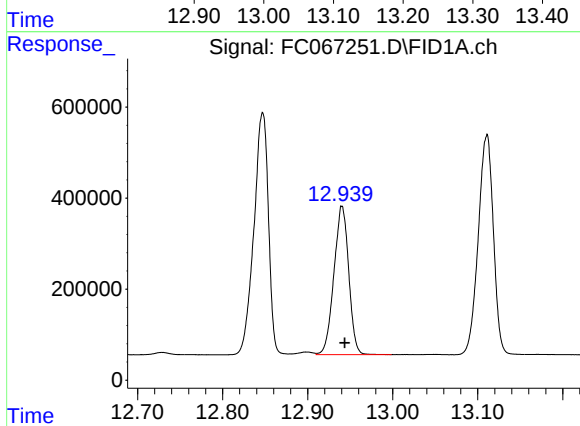
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.000 min
Response: 6256530
Conc: 52.09 ug/ml



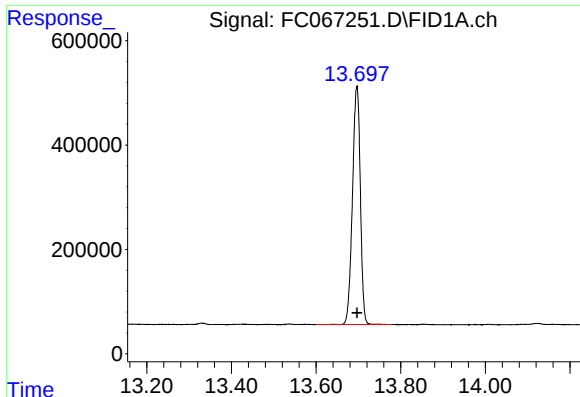
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.001 min
Response: 5977610
Conc: 51.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 3946250
Conc: 40.40 ug/ml



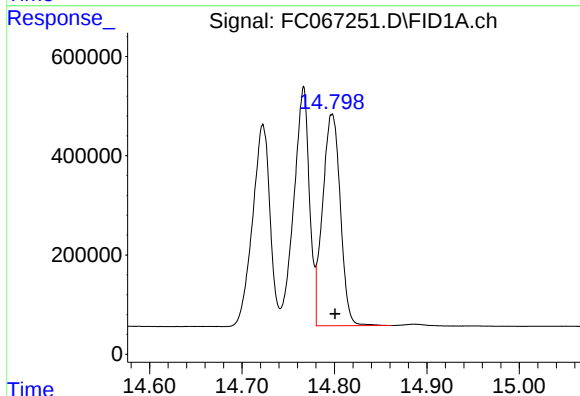
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 5904153
Conc: 51.14 ug/ml

Instrument :
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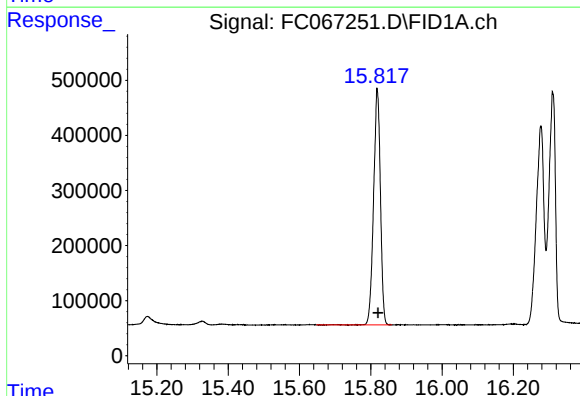
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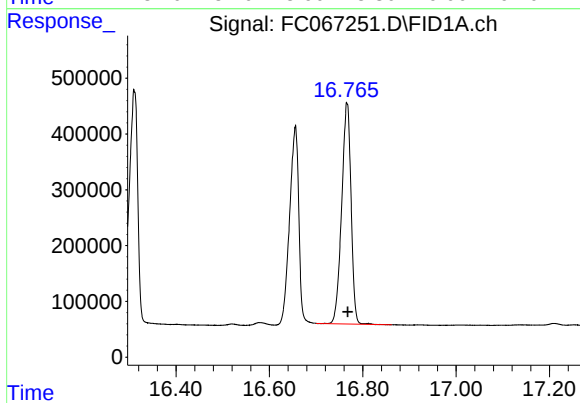
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.003 min
Response: 5673186
Conc: 49.96 ug/ml



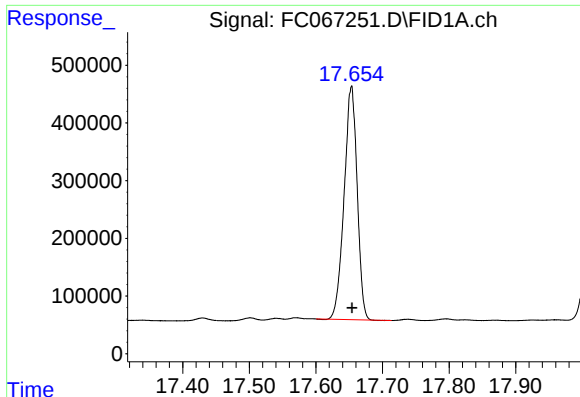
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.002 min
Response: 5680322
Conc: 51.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 5538269
Conc: 51.27 ug/ml



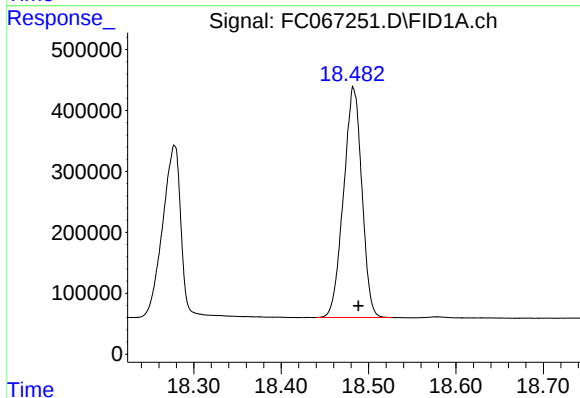
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.001 min
Response: 5500180
Conc: 50.57 ug/ml

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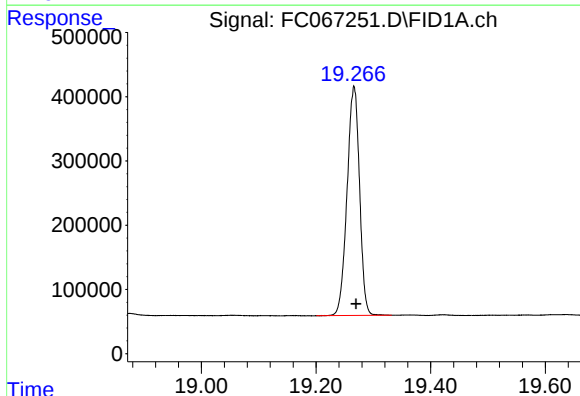
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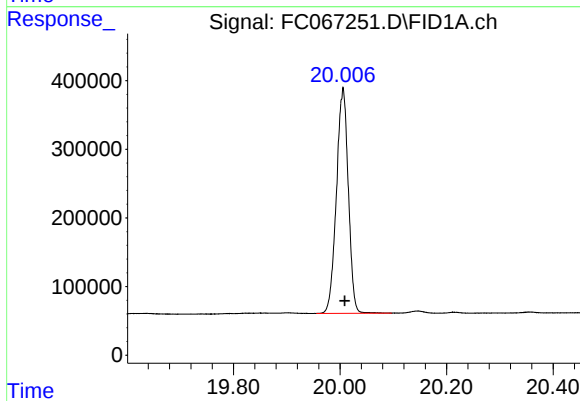
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.007 min
Response: 5506538
Conc: 52.79 ug/ml m



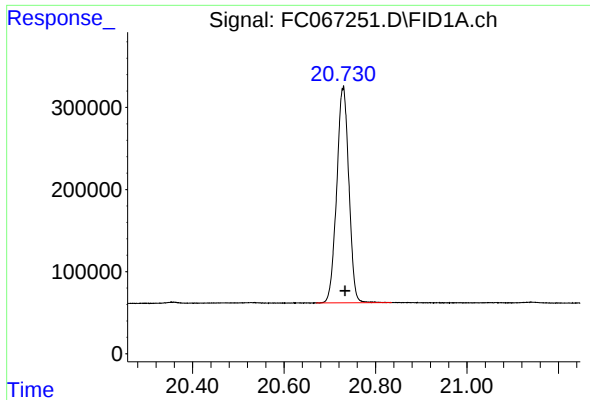
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 5387249
Conc: 58.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.004 min
Response: 5074783
Conc: 64.04 ug/ml



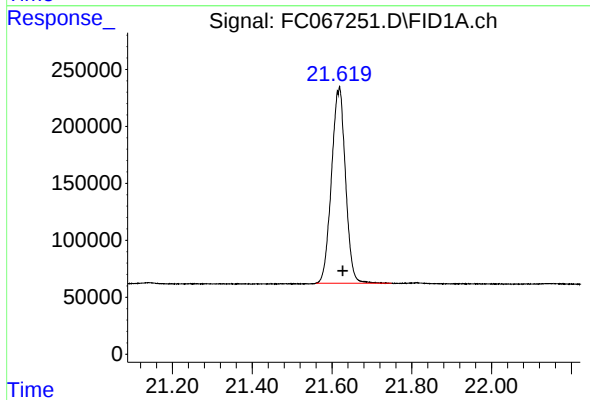
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.004 min
Response: 4830056
Conc: 64.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.009 min
Response: 4184996
Conc: 59.90 ug/ml