

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067284.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 22:30
 Operator : YP/AJ
 Sample : PB163701BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163701BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 03:22:01 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)	11.503	6080620	43.668 ug/ml
Spiked Amount 50.000		Recovery =	87.34%
12) S 1-chlorooctadecane (S...	12.941	4642842	47.528 ug/ml
Spiked Amount 50.000		Recovery =	95.06%
Target Compounds			
1) T n-Nonane (C9)	3.288	6330632	47.725 ug/ml
2) T n-Decane (C10)	4.347	6796582	50.605 ug/ml
3) T A~Naphthalene (C11.7)	5.921	7316490	51.479 ug/ml
4) T n-Dodecane (C12)	6.359	6815811	50.919 ug/ml
5) T A~2-methylnaphthalene...	6.975	6588678	49.340 ug/ml
6) T n-Tetradecane (C14)	8.153	7013577	54.421 ug/ml
7) T n-Hexadecane (C16)	9.750	6907947	53.581 ug/ml
8) T n-Octadecane (C18)	11.191	6851270	53.550 ug/ml
10) T n-Eicosane (C20)	12.500	6798251	56.599 ug/ml
11) T n-Heneicosane (C21)	13.111	6485051	55.526 ug/ml
13) T n-Docosane (C22)	13.695	6374233	55.207 ug/ml
14) T n-Tetracosane (C24)	14.767	12428420	109.442 ug/mlm
15) T n-Hexacosane (C26)	15.818	6216571	56.092 ug/ml
16) T n-Octacosane (C28)	16.765	5990038	55.453 ug/ml
17) T n-Tricontane (C30)	17.653	6104426	56.120 ug/ml
18) T n-Dotriacontane (C32)	18.482	6027216	57.784 ug/mlm
19) T n-Tetratriacontane (C34)	19.265	5938219	64.365 ug/ml
20) T n-Hexatriacontane (C36)	20.004	5645065	71.233 ug/ml
21) T n-Octatriacontane (C38)	20.729	5606530	74.638 ug/ml
22) T n-Tetracontane (C40)	21.619	5274399	75.494 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB163701BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

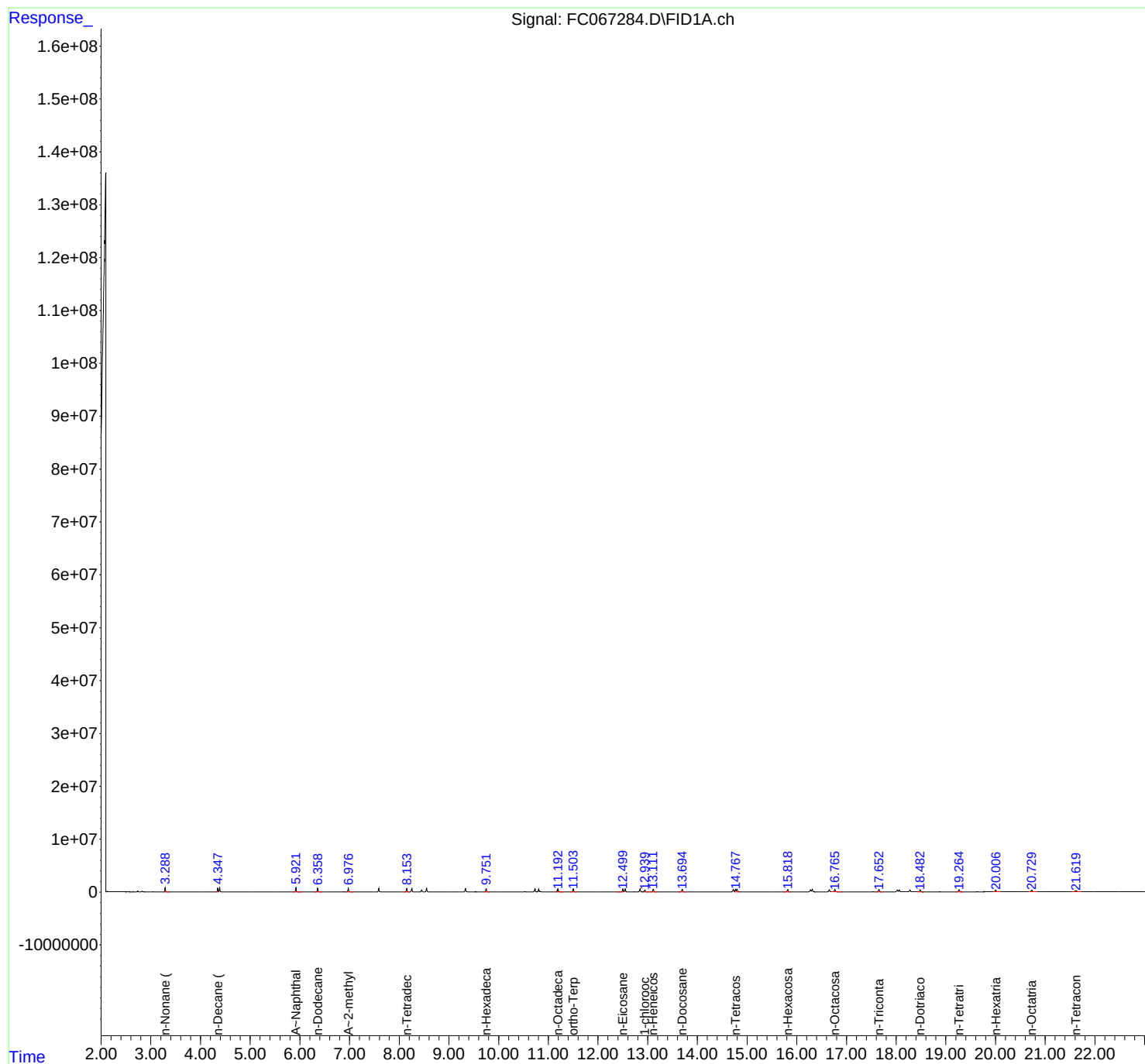
Instrument :
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PB163701BSD

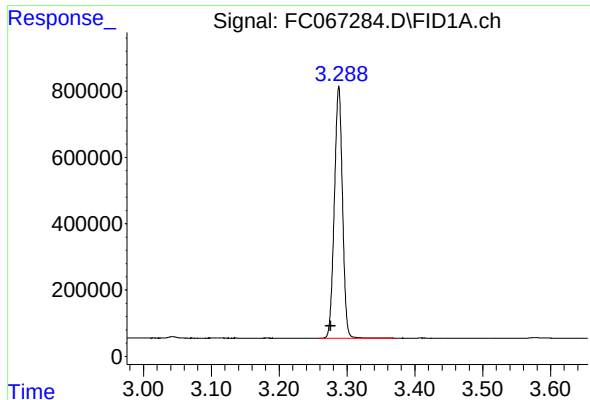
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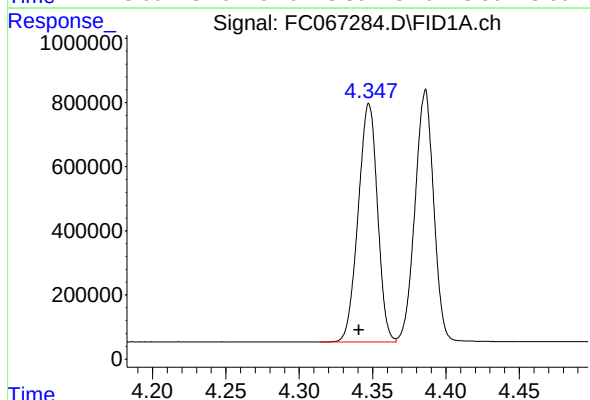
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 6330632
Conc: 47.73 ug/ml

Instrument :
FID_C
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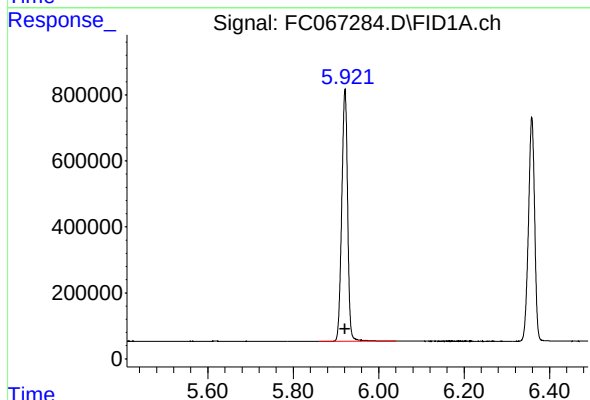
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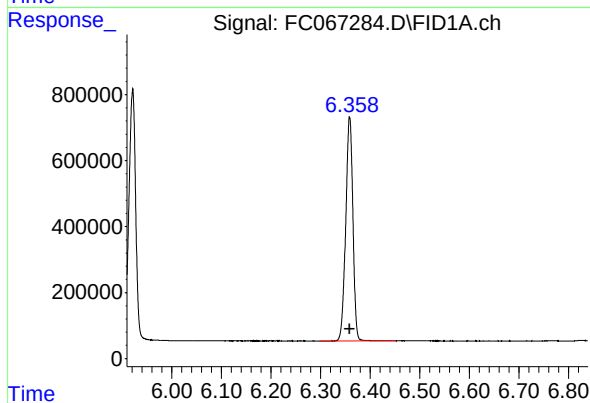
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.007 min
Response: 6796582
Conc: 50.60 ug/ml



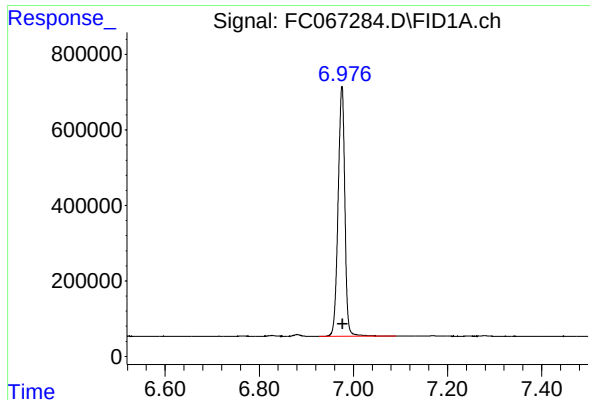
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 7316490
Conc: 51.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 6815811
Conc: 50.92 ug/ml



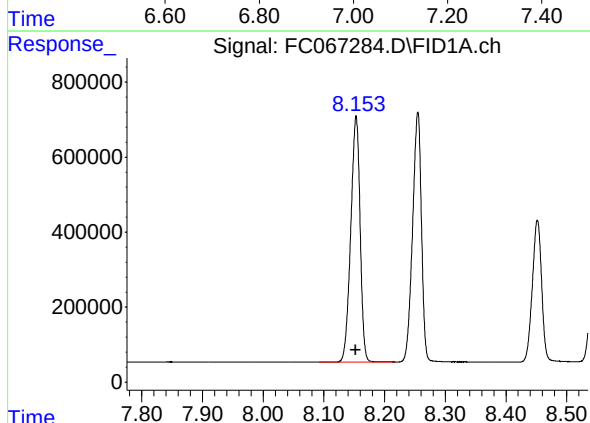
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 6588678
Conc: 49.34 ug/ml

Instrument :
FID_C
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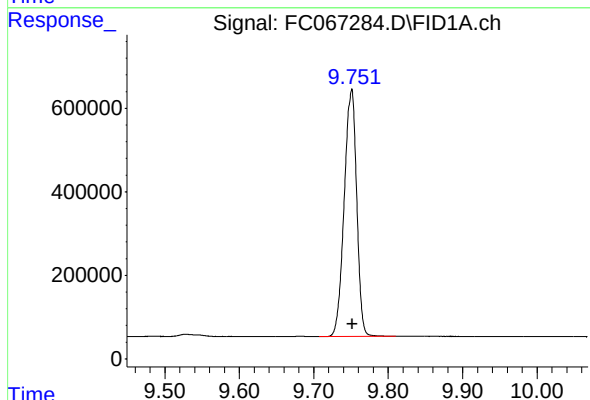
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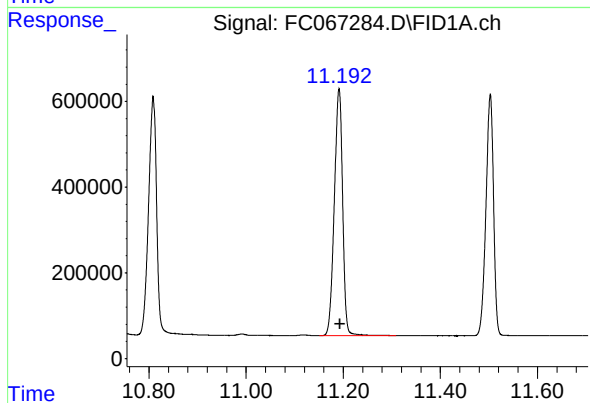
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 7013577
Conc: 54.42 ug/ml



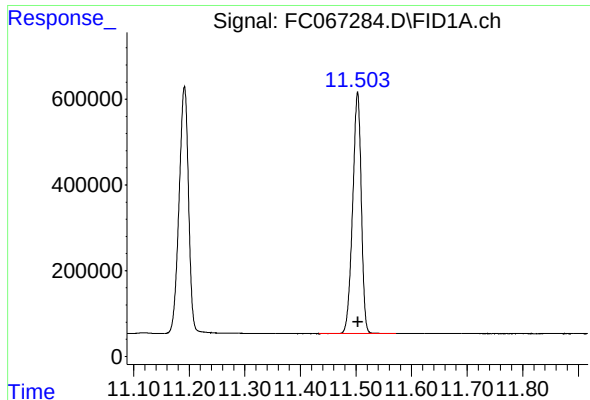
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 6907947
Conc: 53.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: -0.002 min
Response: 6851270
Conc: 53.55 ug/ml



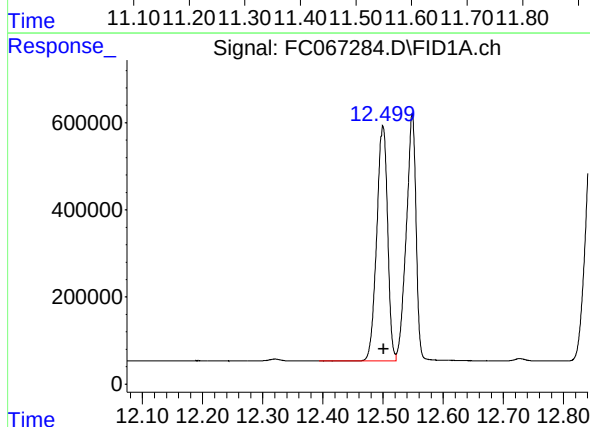
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.001 min
Response: 6080620
Conc: 43.67 ug/ml

Instrument :
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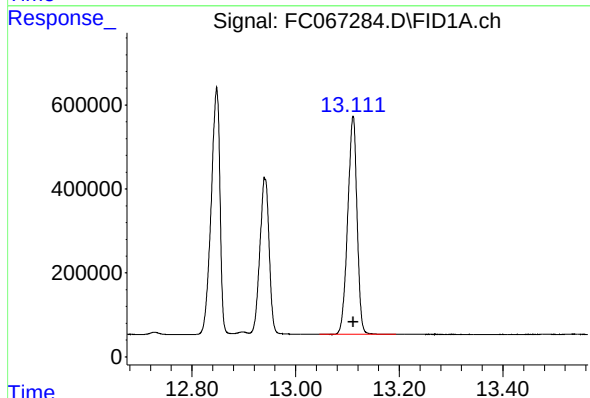
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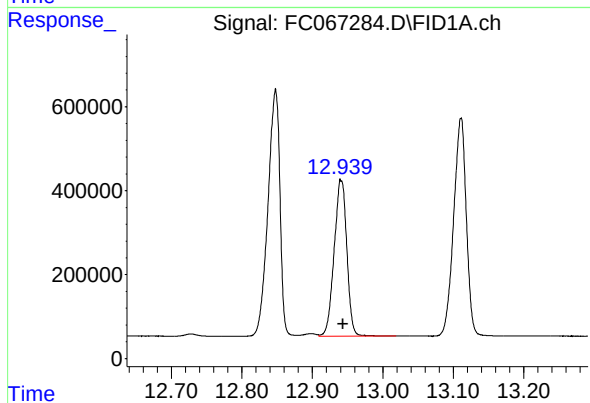
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.001 min
Response: 6798251
Conc: 56.60 ug/ml



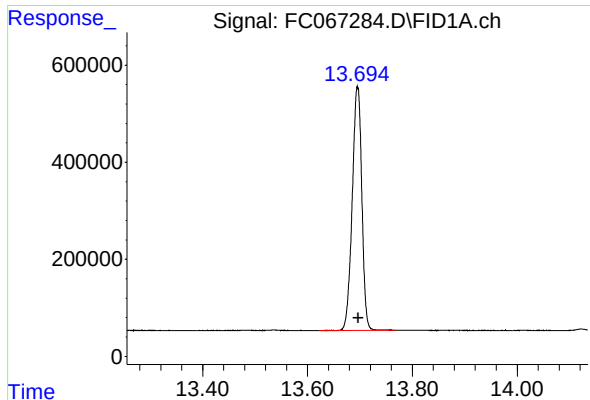
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 6485051
Conc: 55.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.003 min
Response: 4642842
Conc: 47.53 ug/ml



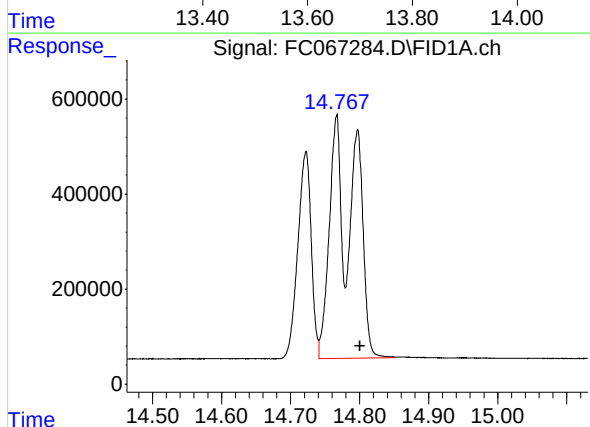
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.002 min
Response: 6374233
Conc: 55.21 ug/ml

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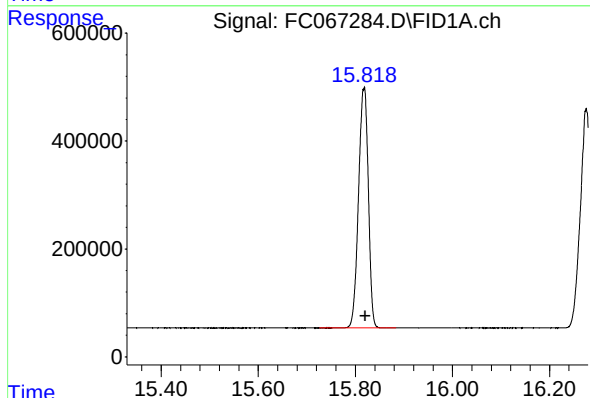
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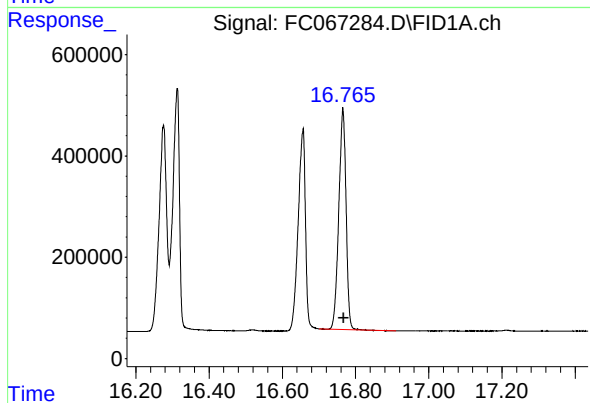
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.034 min
Response: 12428420
Conc: 109.44 ug/ml m



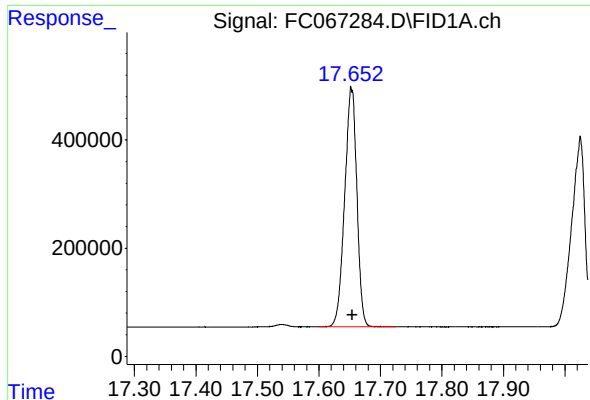
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.003 min
Response: 6216571
Conc: 56.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.002 min
Response: 5990038
Conc: 55.45 ug/ml



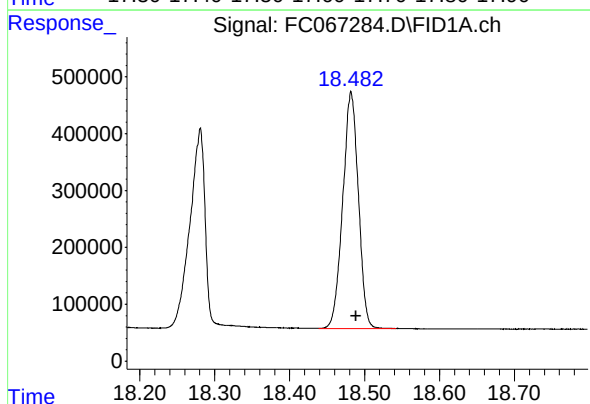
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.001 min
Response: 6104426
Conc: 56.12 ug/ml

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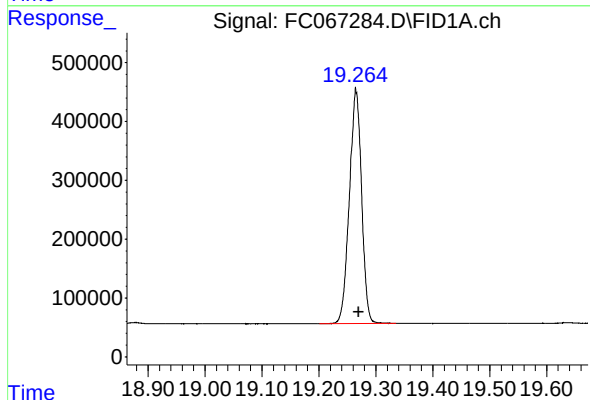
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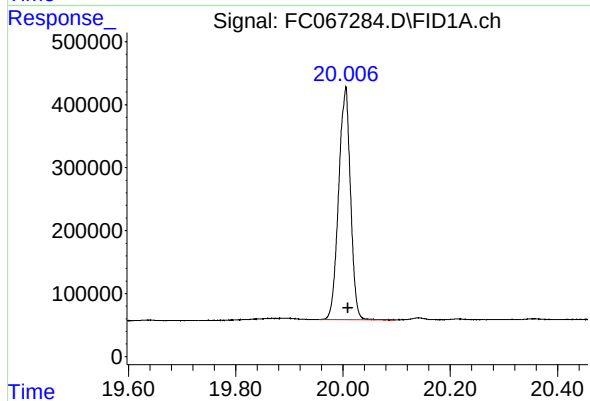
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.007 min
Response: 6027216
Conc: 57.78 ug/ml



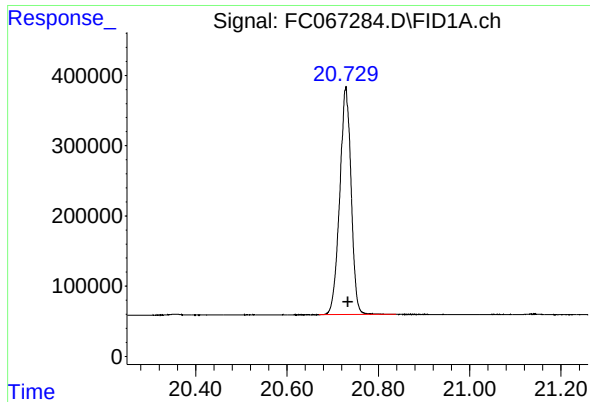
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.005 min
Response: 5938219
Conc: 64.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 5645065
Conc: 71.23 ug/ml



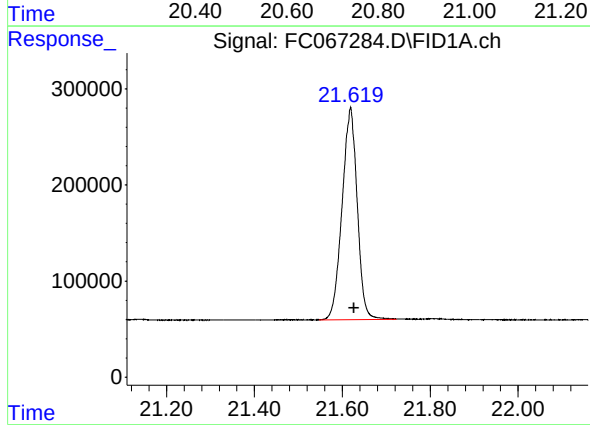
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.004 min
Response: 5606530
Conc: 74.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.008 min
Response: 5274399
Conc: 75.49 ug/ml m