

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067288.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 01:06
 Operator : YP/AJ
 Sample : P4198-06MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP1-WC-1MSD

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 03:22:34 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)	11.504	5040315	36.197 ug/mlm
Spiked Amount 50.000		Recovery =	72.39%
12) S 1-chlorooctadecane (S...	12.941	3922298	40.152 ug/mlm
Spiked Amount 50.000		Recovery =	80.30%
Target Compounds			
1) T n-Nonane (C9)	3.279	4780935	36.043 ug/ml
2) T n-Decane (C10)	4.343	5499998	40.951 ug/ml
3) T A~Naphthalene (C11.7)	5.919	6077675	42.763 ug/ml
4) T n-Dodecane (C12)	6.358	5774406	43.139 ug/ml
5) T A~2-methylnaphthalene...	6.975	5755852	43.103 ug/ml
6) T n-Tetradecane (C14)	8.153	6959056	53.998 ug/ml
7) T n-Hexadecane (C16)	9.753	7183037	55.714 ug/mlm
8) T n-Octadecane (C18)	11.194	7661934	59.886 ug/mlm
10) T n-Eicosane (C20)	12.502	7423139	61.801 ug/mlm
11) T n-Heneicosane (C21)	13.113	7170391	61.394 ug/mlm
13) T n-Docosane (C22)	13.698	7022782	60.824 ug/ml
14) T n-Tetracosane (C24)	14.769	13570274	119.497 ug/mlm
15) T n-Hexacosane (C26)	15.819	6795780	61.318 ug/ml
16) T n-Octacosane (C28)	16.766	6533488	60.484 ug/ml
17) T n-Tricontane (C30)	17.654	6600298	60.679 ug/ml
18) T n-Dotriacontane (C32)	18.484	6566340	62.953 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	6463711	70.061 ug/ml
20) T n-Hexatriacontane (C36)	20.004	6132092	77.379 ug/ml
21) T n-Octatriacontane (C38)	20.729	6026626	80.231 ug/ml
22) T n-Tetracontane (C40)	21.617	5555566	79.519 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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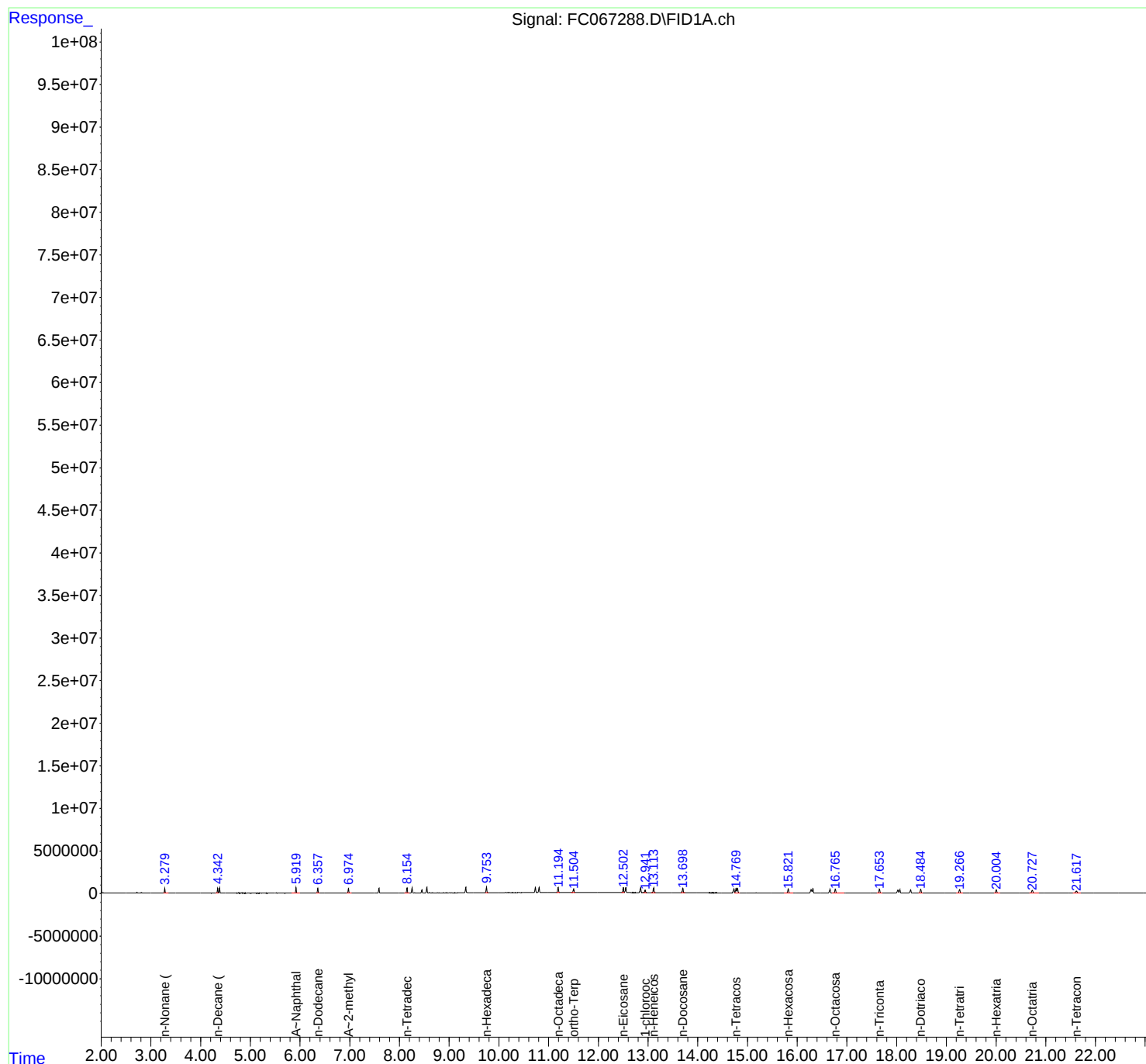
Instrument :
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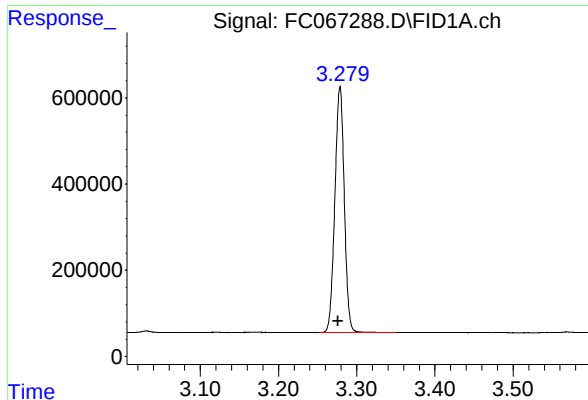
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#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 4780935
Conc: 36.04 ug/ml

Instrument :

FID_C

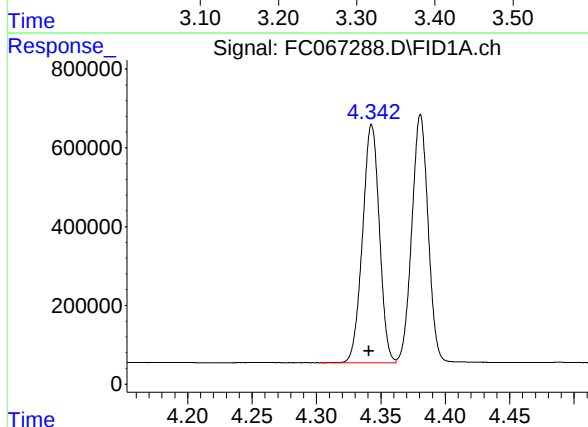
ClientSampleId :

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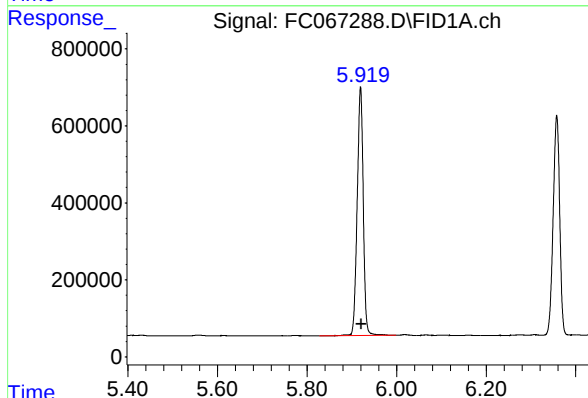
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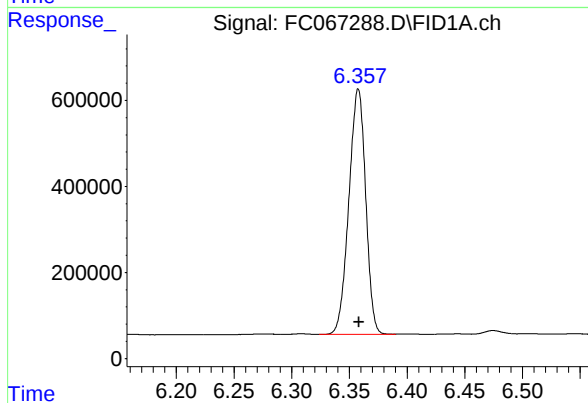
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 5499998
Conc: 40.95 ug/ml



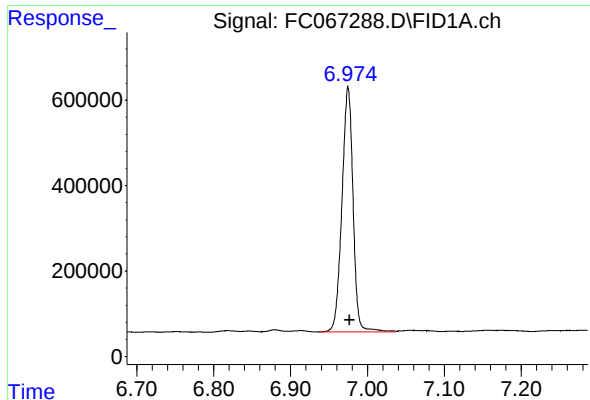
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 6077675
Conc: 42.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 5774406
Conc: 43.14 ug/ml



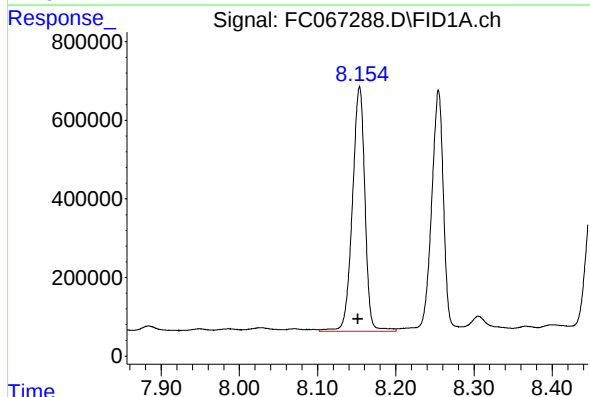
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 5755852
Conc: 43.10 ug/ml

Instrument :
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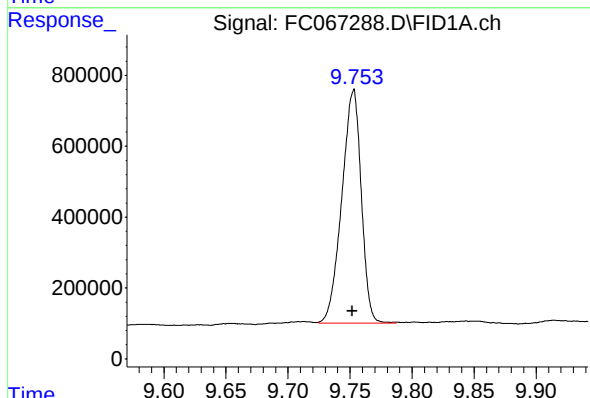
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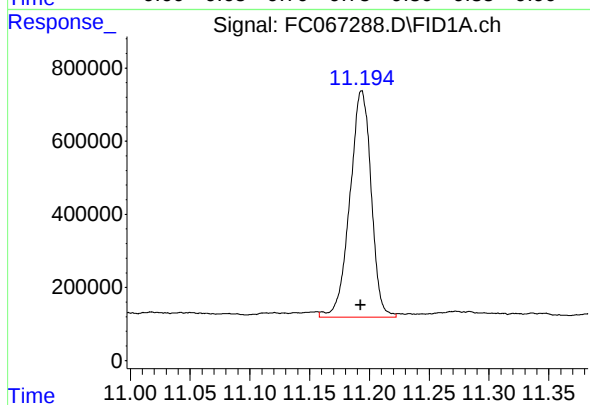
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 6959056
Conc: 54.00 ug/ml



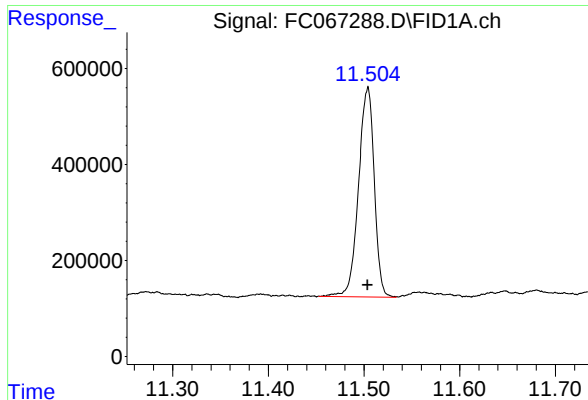
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.001 min
Response: 7183037
Conc: 55.71 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 7661934
Conc: 59.89 ug/ml m



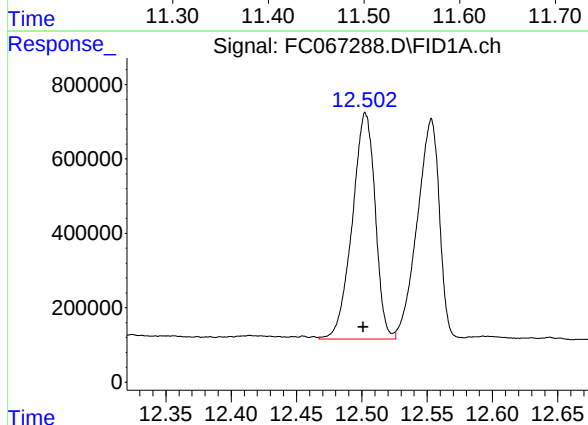
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 5040315
Conc: 36.20 ug/ml

Instrument :
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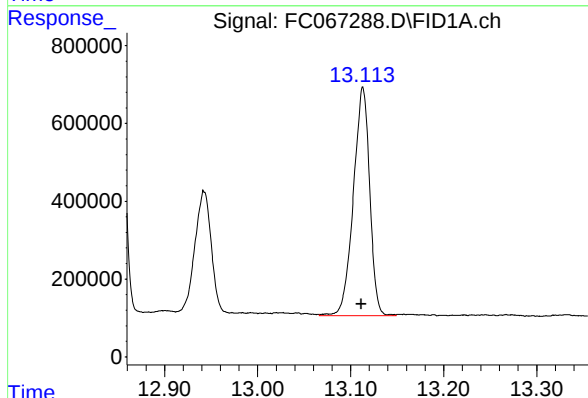
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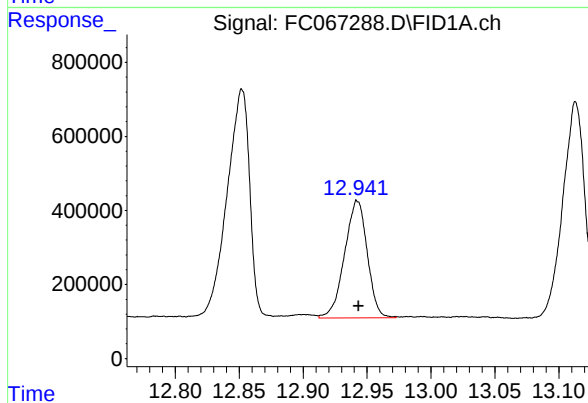
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.001 min
Response: 7423139
Conc: 61.80 ug/ml m



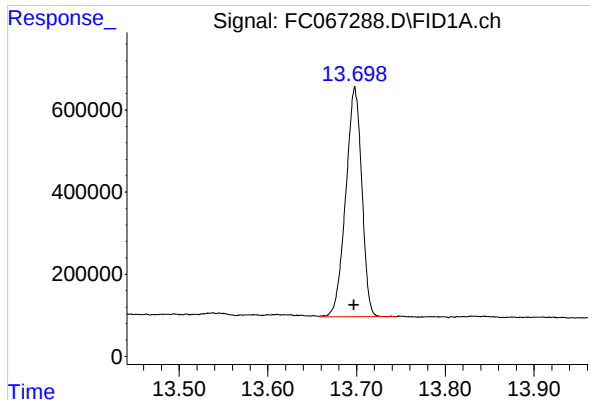
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 7170391
Conc: 61.39 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 3922298
Conc: 40.15 ug/ml m



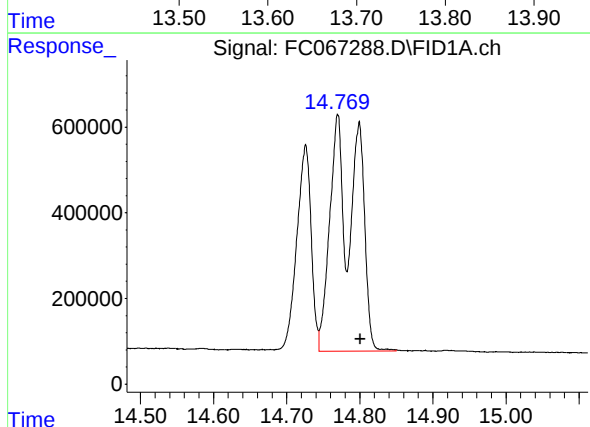
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 7022782
Conc: 60.82 ug/ml

Instrument :
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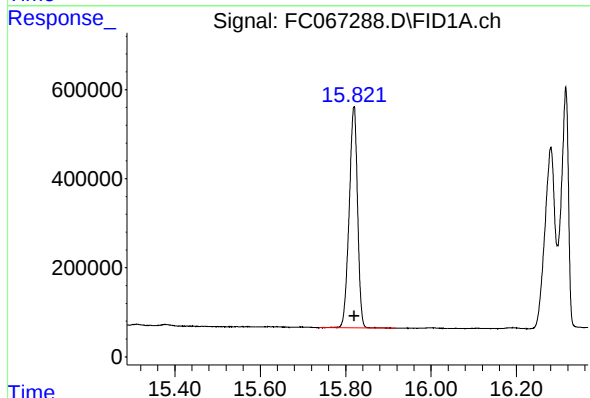
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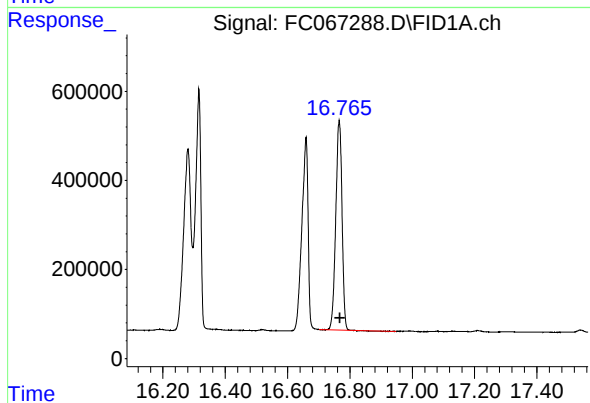
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: -0.032 min
Response: 13570274
Conc: 119.50 ug/ml m



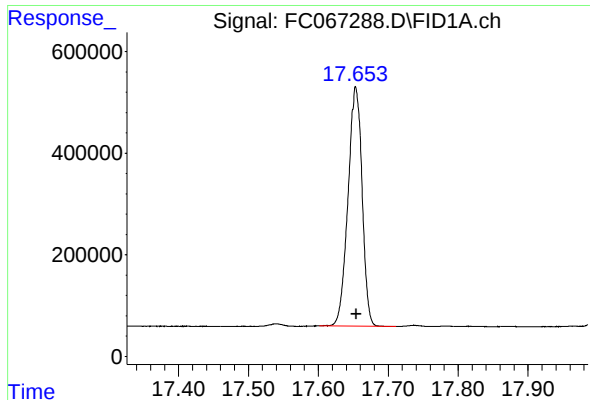
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 6795780
Conc: 61.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 6533488
Conc: 60.48 ug/ml



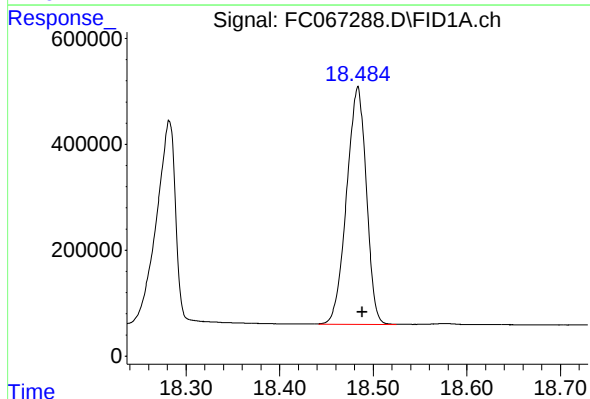
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 6600298
Conc: 60.68 ug/ml

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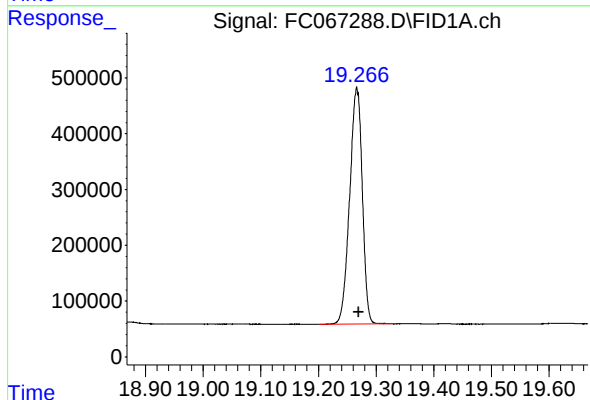
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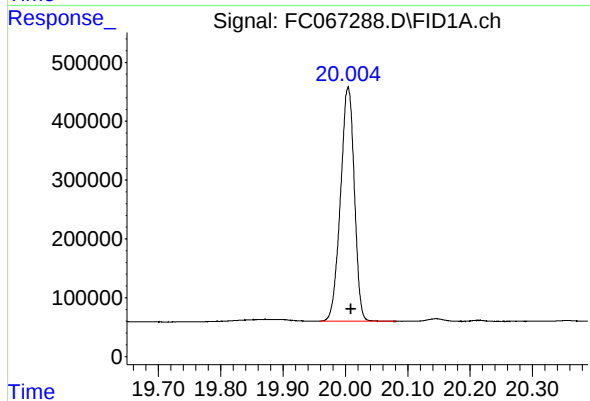
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.005 min
Response: 6566340
Conc: 62.95 ug/ml m



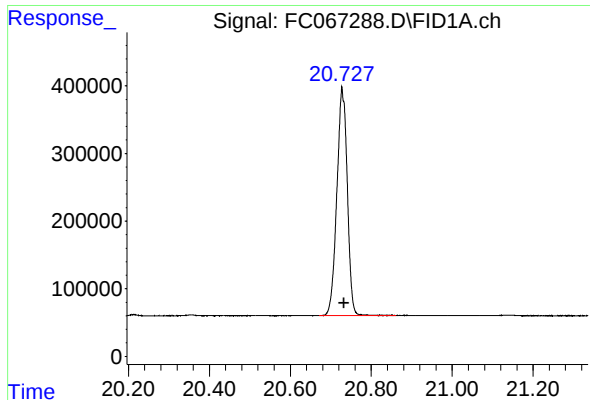
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.003 min
Response: 6463711
Conc: 70.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 6132092
Conc: 77.38 ug/ml



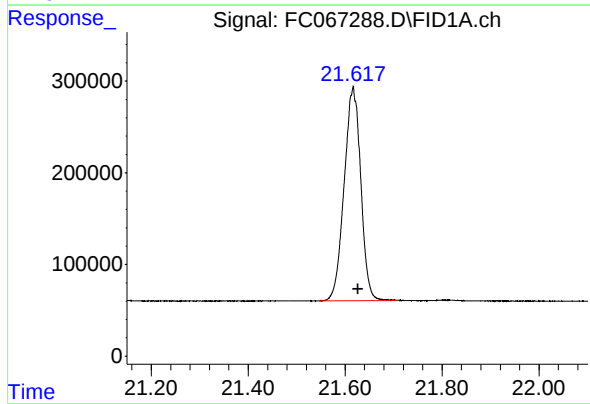
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.005 min
Response: 6026626
Conc: 80.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.010 min
Response: 5555566
Conc: 79.52 ug/ml m