

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
 Data File : FC064126.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 17:07
 Operator : YP/AJ
 Sample : 03617-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-214-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 01:49:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.521	5374196	27.679 ug/ml
Spiked Amount 50.000		Recovery =	55.36%
12) S 1-chlorooctadecane (S...	12.957	4344052	31.223 ug/ml
Spiked Amount 50.000		Recovery =	62.45%
Target Compounds			
1) T n-Nonane (C9)	3.306	5442400	30.515 ug/ml
2) T n-Decane (C10)	4.369	6005056	33.185 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7031598	37.697 ug/ml
4) T n-Dodecane (C12)	6.382	6746685	37.451 ug/ml
5) T A~2-methylnaphthalene...	7.005	7270912	41.315 ug/ml
6) T n-Tetradecane (C14)	8.175	7453813	43.088 ug/ml
7) T n-Hexadecane (C16)	9.771	7767066	44.713 ug/ml
8) T n-Octadecane (C18)	11.210	7942419	46.084 ug/ml
10) T n-Eicosane (C20)	12.517	7611734	46.627 ug/ml
11) T n-Heneicosane (C21)	13.125	7421701	46.321 ug/ml
13) T n-Docosane (C22)	13.710	7372462	46.918 ug/ml
14) T n-Tetracosane (C24)	14.796	14561776	92.384 ug/ml
15) T n-Hexacosane (C26)	15.828	7067365	46.777 ug/ml
16) T n-Octacosane (C28)	16.774	7069005	46.914 ug/ml
17) T n-Tricontane (C30)	17.660	6942771	44.469 ug/ml
18) T n-Dotriacontane (C32)	18.488	6852430	43.376 ug/ml
19) T n-Tetratriacontane (C34)	19.268	6633684	43.110 ug/ml
20) T n-Hexatriacontane (C36)	20.006	6363298	43.101 ug/mlm
21) T n-Octatriacontane (C38)	20.728	6172144	41.668 ug/ml
22) T n-Tetracontane (C40)	21.616	6181330	42.408 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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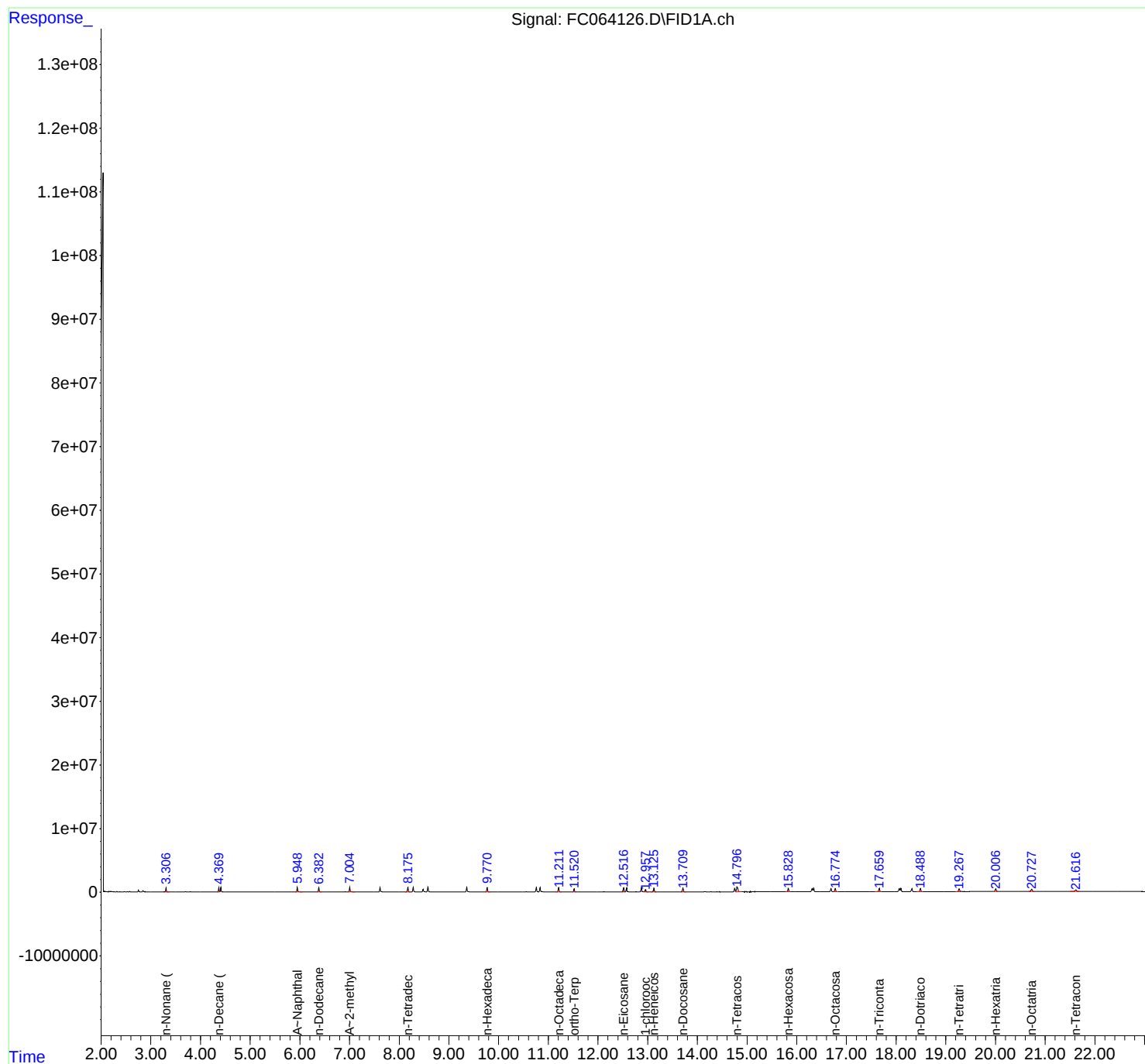
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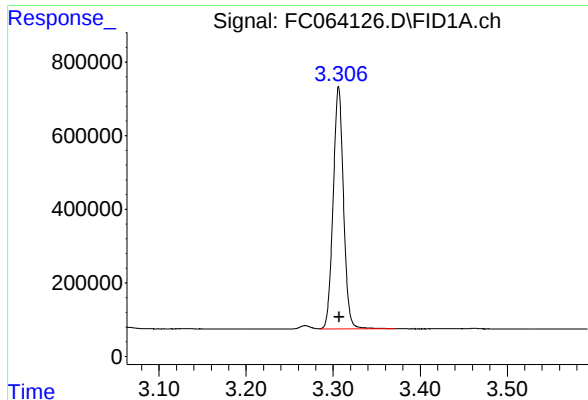
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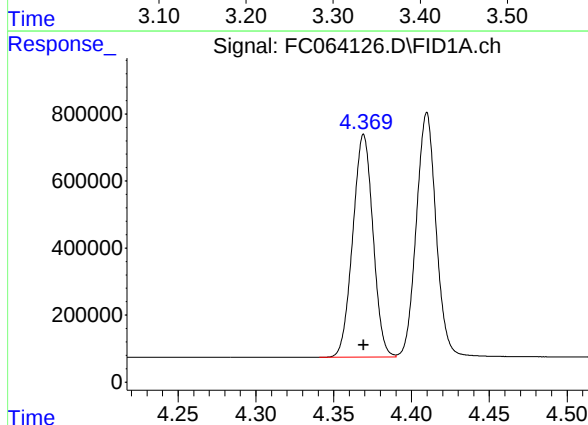
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 5442400
Conc: 30.52 ug/ml

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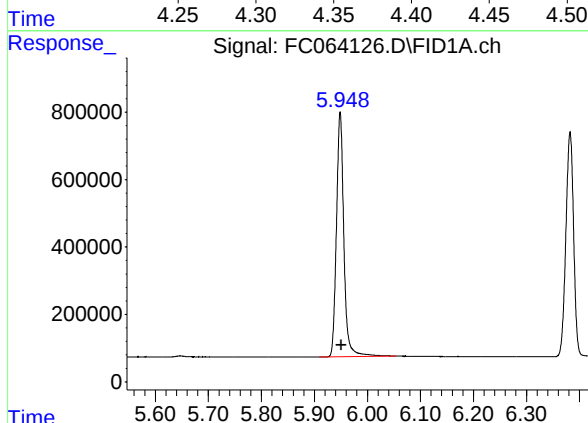
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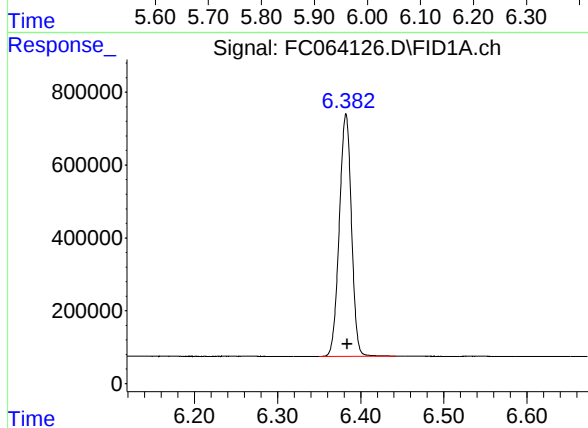
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 6005056
Conc: 33.19 ug/ml



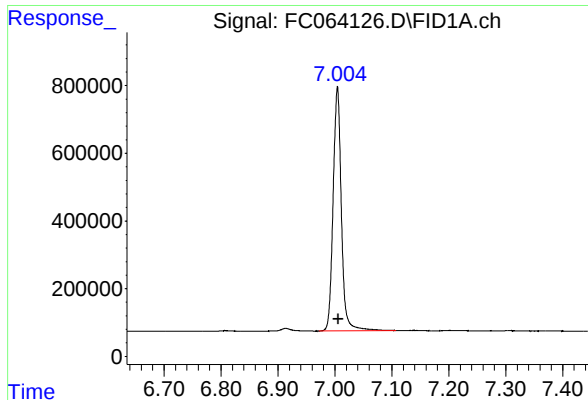
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 7031598
Conc: 37.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 6746685
Conc: 37.45 ug/ml



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

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 7270912
Conc: 41.31 ug/ml

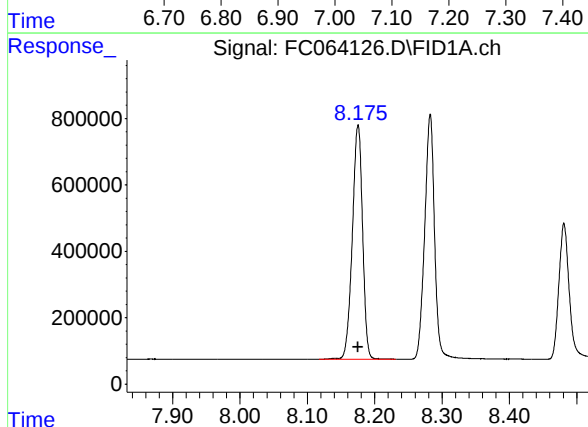
Instrument :

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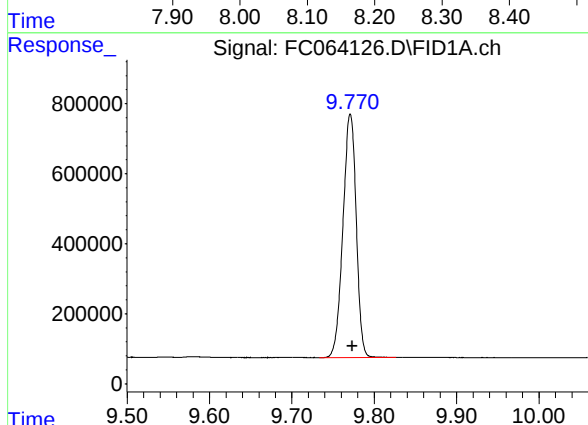
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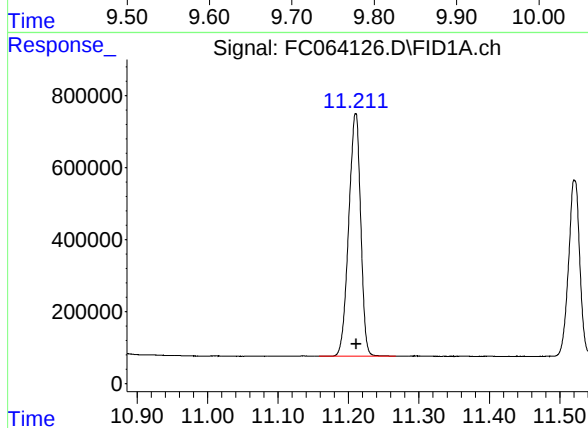
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 7453813
Conc: 43.09 ug/ml



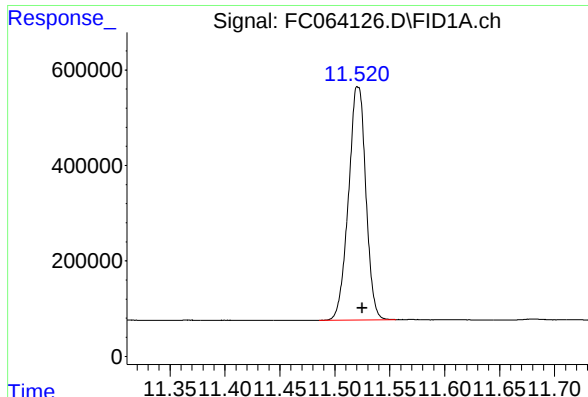
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.002 min
Response: 7767066
Conc: 44.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 7942419
Conc: 46.08 ug/ml



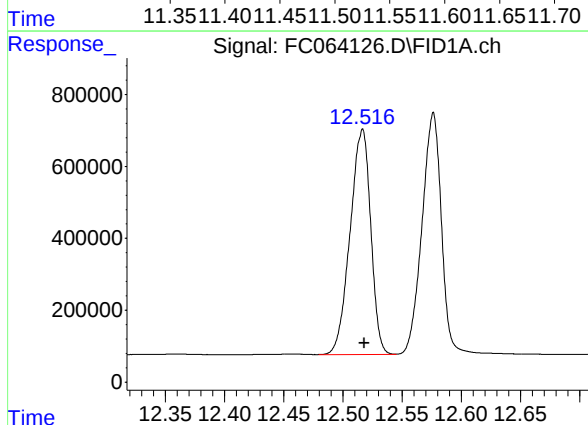
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.004 min
Response: 5374196
Conc: 27.68 ug/ml

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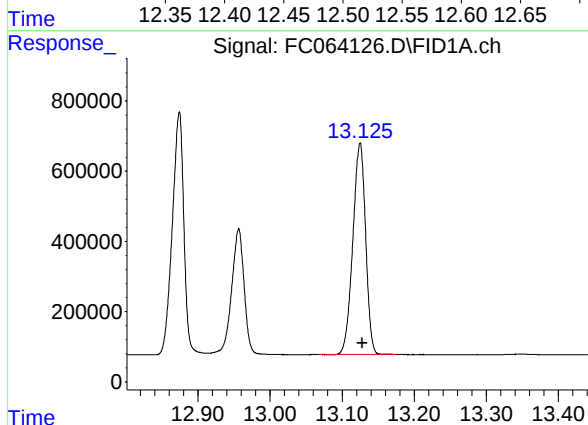
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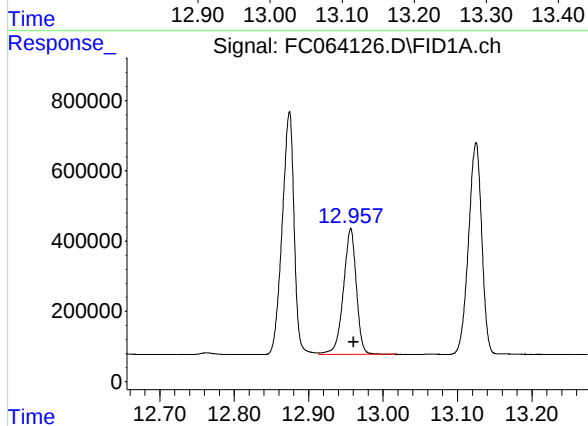
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.002 min
Response: 7611734
Conc: 46.63 ug/ml



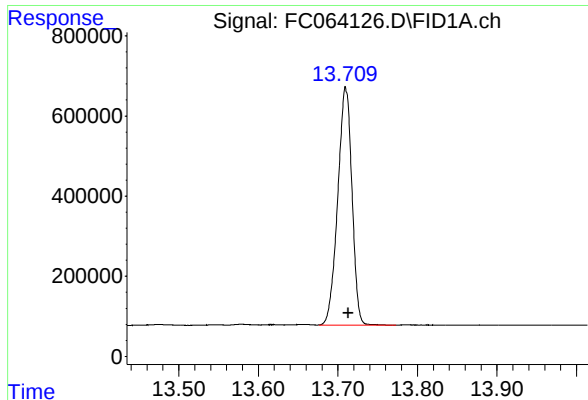
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 7421701
Conc: 46.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: -0.004 min
Response: 4344052
Conc: 31.22 ug/ml



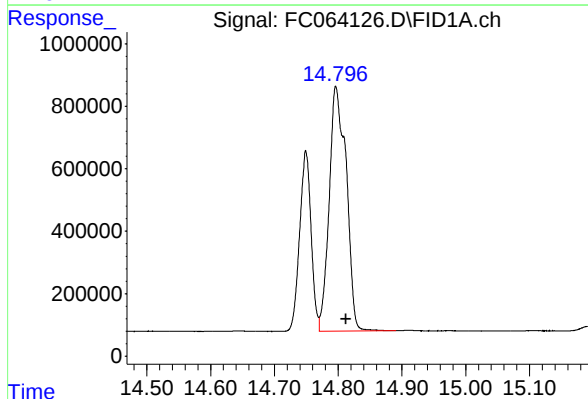
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.003 min
Response: 7372462
Conc: 46.92 ug/ml

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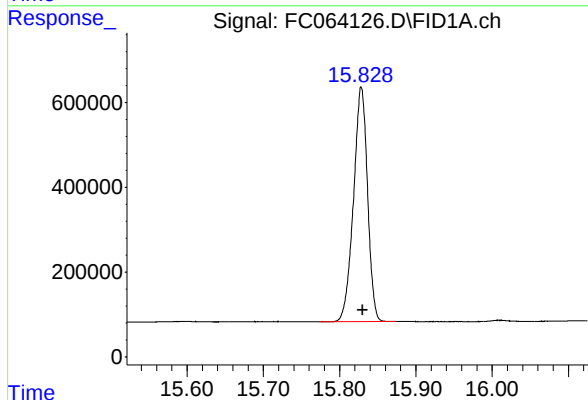
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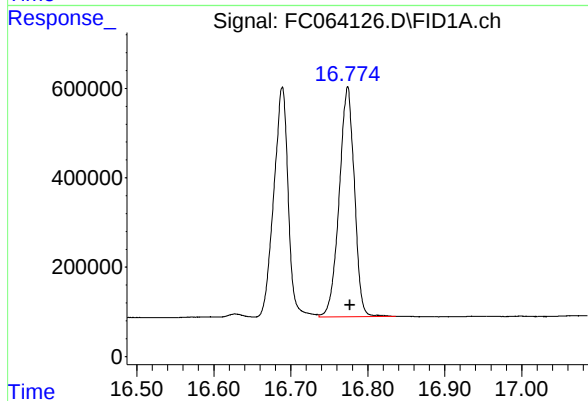
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.016 min
Response: 14561776
Conc: 92.38 ug/ml



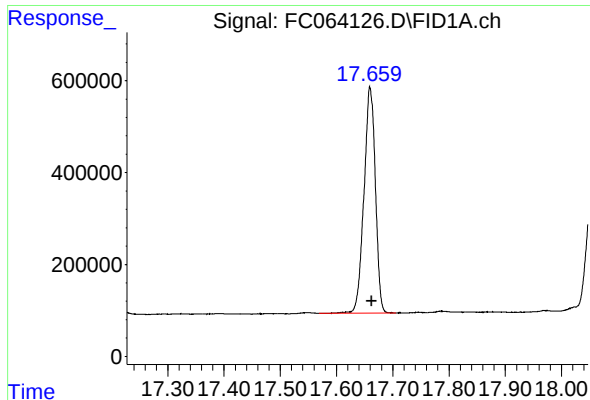
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.002 min
Response: 7067365
Conc: 46.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 7069005
Conc: 46.91 ug/ml



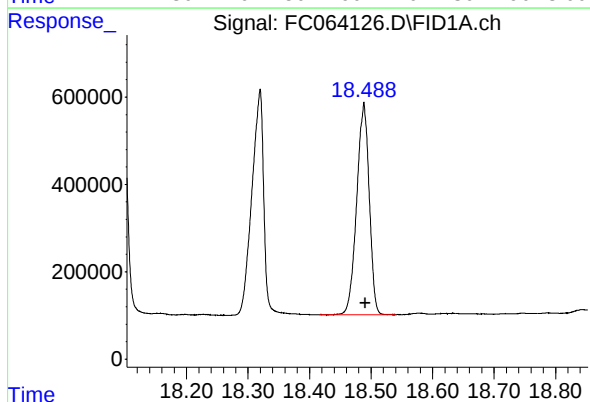
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.003 min
Response: 6942771
Conc: 44.47 ug/ml

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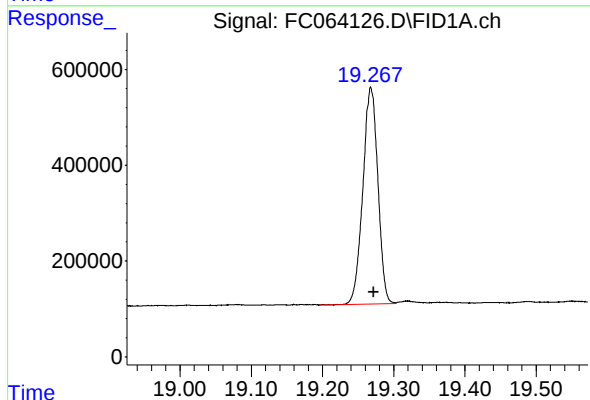
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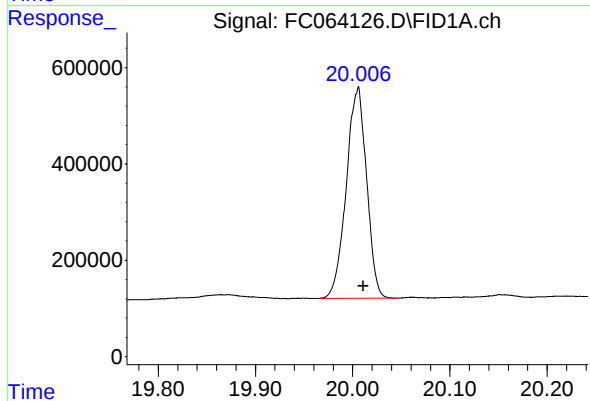
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.002 min
Response: 6852430
Conc: 43.38 ug/ml



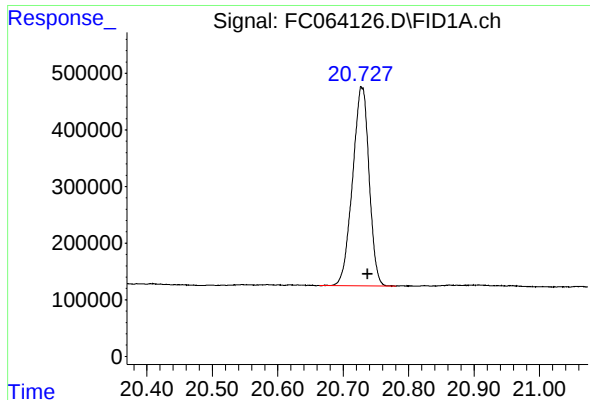
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.004 min
Response: 6633684
Conc: 43.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 6363298
Conc: 43.10 ug/ml m



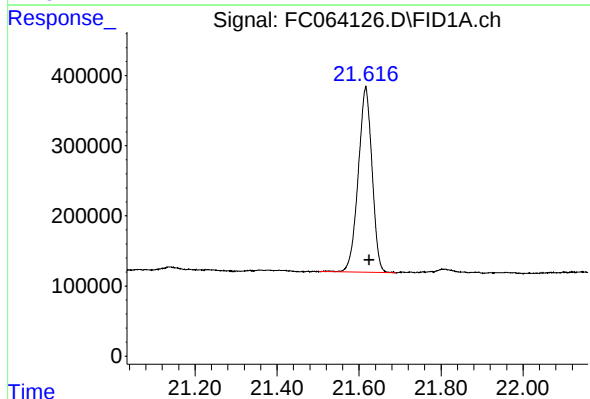
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.009 min
Response: 6172144
Conc: 41.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.009 min
Response: 6181330
Conc: 42.41 ug/ml