

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068186.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 18:04
 Operator : YP/AJ
 Sample : Q1209-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

02/04/2025
 Supervised By :Ankita
 Jodhani

02/04/2025

Integration File: autoint1.e
 Quant Time: Feb 04 03:24:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.424	10792297	69.063 ug/ml
Spiked Amount 50.000		Recovery =	138.13%
12) S 1-chlorooctadecane (S...	12.862	6062666	52.717 ug/ml
Spiked Amount 50.000		Recovery =	105.43%
Target Compounds			
1) T n-Nonane (C9)	3.243	5375955	39.260 ug/ml
2) T n-Decane (C10)	4.293	5607458	40.390 ug/ml
3) T A~Naphthalene (C11.7)	5.856	6467958	43.084 ug/ml
4) T n-Dodecane (C12)	6.295	5605523	40.126 ug/ml
5) T A~2-methylnaphthalene...	6.907	6268003	43.639 ug/ml
6) T n-Tetradecane (C14)	8.082	5711755	41.851 ug/mlm
7) T n-Hexadecane (C16)	9.676	5488580	39.501 ug/ml
8) T n-Octadecane (C18)	11.114	5388367	38.511 ug/ml
10) T n-Eicosane (C20)	12.420	5469108	40.875 ug/ml
11) T n-Heneicosane (C21)	13.030	5292023	40.293 ug/ml
13) T n-Docosane (C22)	13.614	5103029	39.395 ug/mlm
14) T n-Tetracosane (C24)	14.675	10432470	81.258 ug/mlm
15) T n-Hexacosane (C26)	15.735	4832541	38.403 ug/ml
16) T n-Octacosane (C28)	16.681	4716924	37.714 ug/ml
17) T n-Tricontane (C30)	17.568	4788592	37.048 ug/ml
18) T n-Dotriacontane (C32)	18.397	4766909	38.132 ug/ml
19) T n-Tetratriacontane (C34)	19.179	4801738	44.266 ug/ml
20) T n-Hexatriacontane (C36)	19.917	4421261	47.775 ug/ml
21) T n-Octatriacontane (C38)	20.630	4637710	54.123 ug/ml
22) T n-Tetracontane (C40)	21.489	4380783	54.178 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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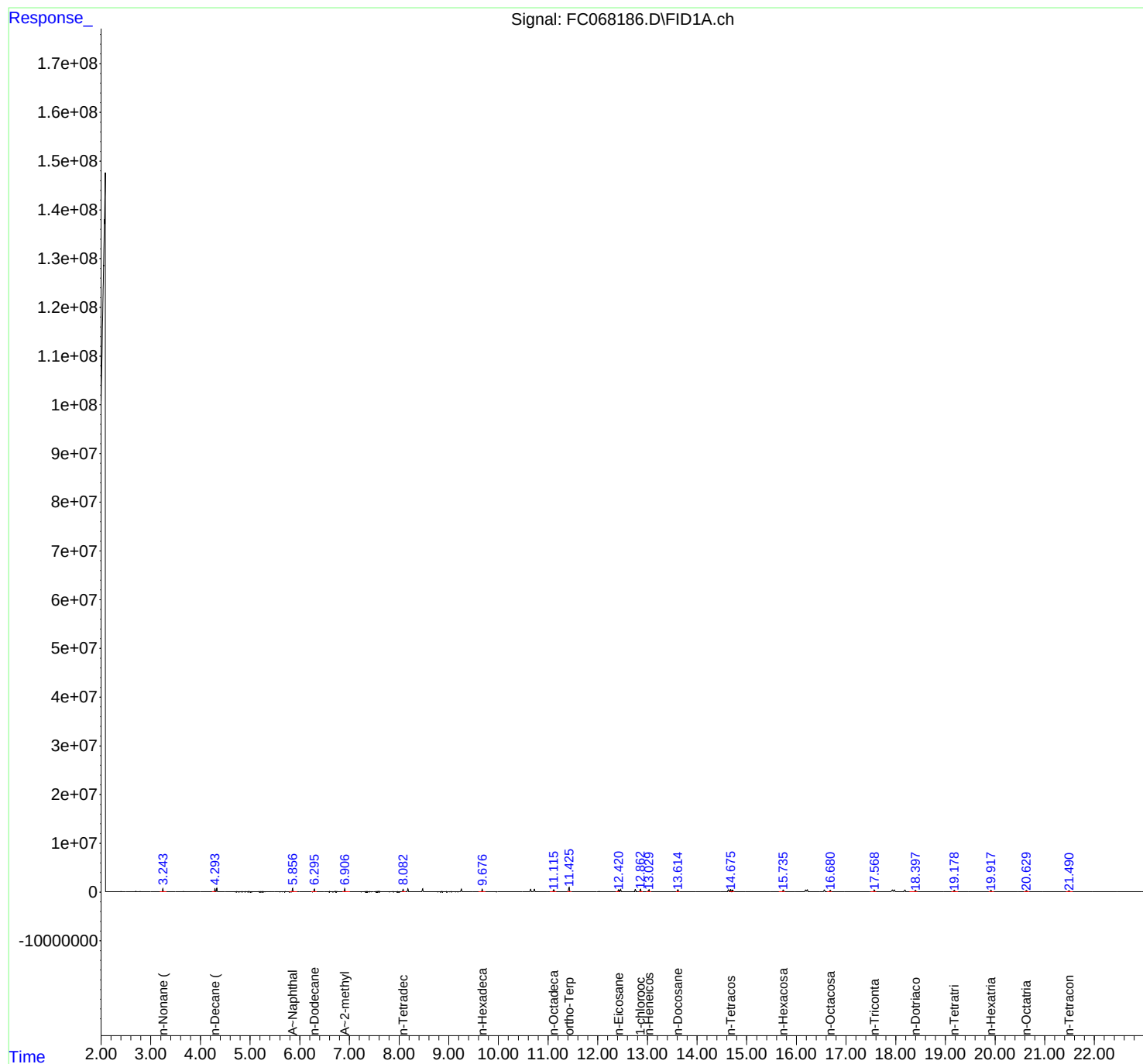
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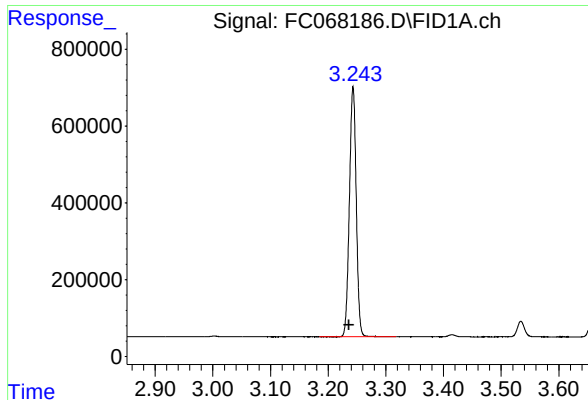
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: 0.007 min
Response: 5375955
Conc: 39.26 ug/ml

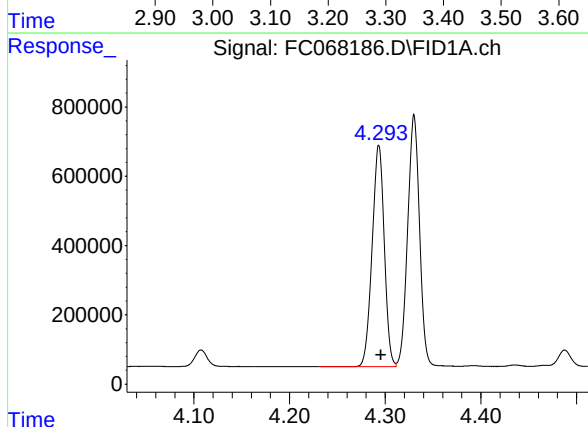
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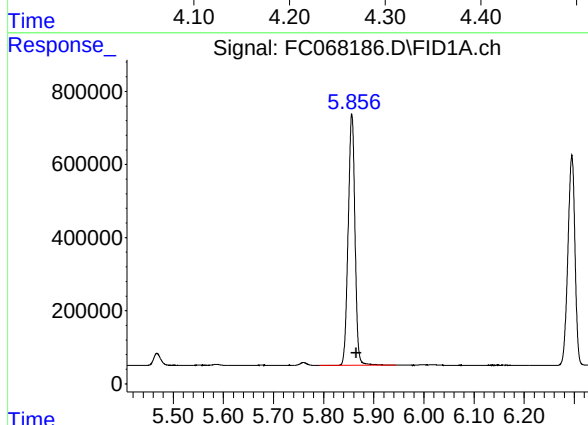
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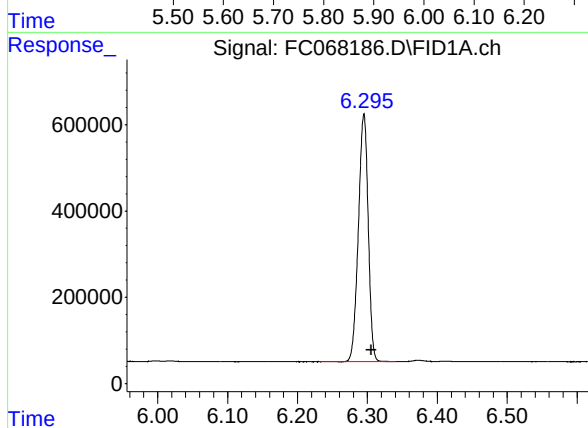
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 5607458
Conc: 40.39 ug/ml



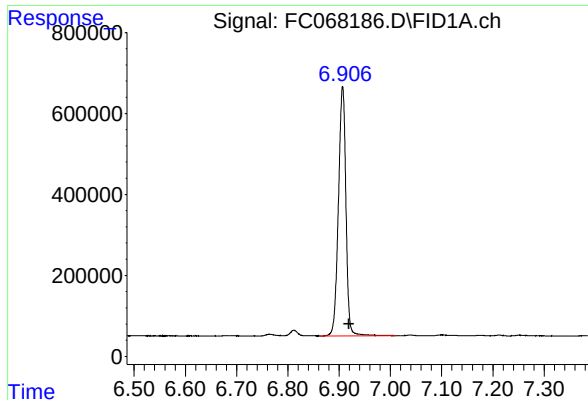
#3 A~Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.009 min
Response: 6467958
Conc: 43.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.011 min
Response: 5605523
Conc: 40.13 ug/ml



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

R.T.: 6.907 min
Delta R.T.: -0.013 min
Response: 6268003
Conc: 43.64 ug/ml

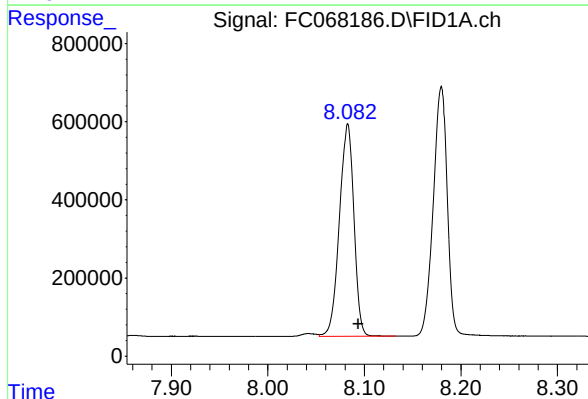
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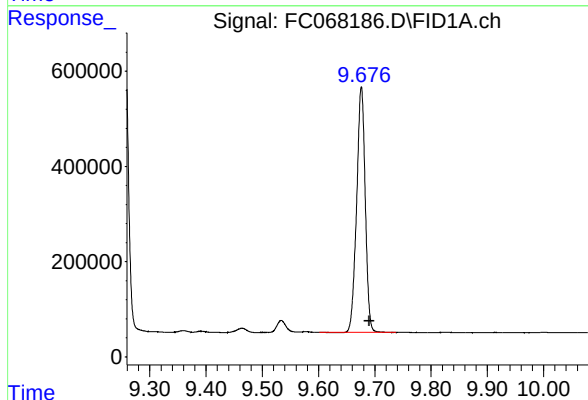
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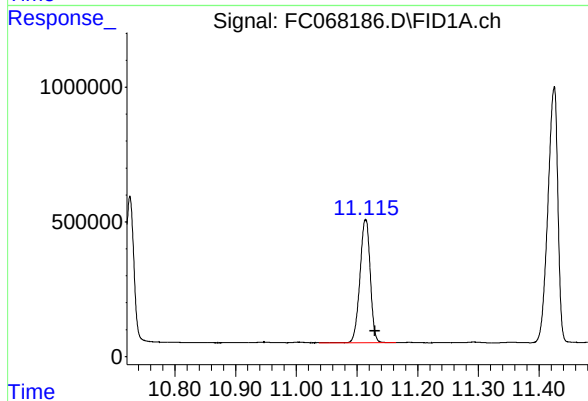
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.012 min
Response: 5711755
Conc: 41.85 ug/ml m



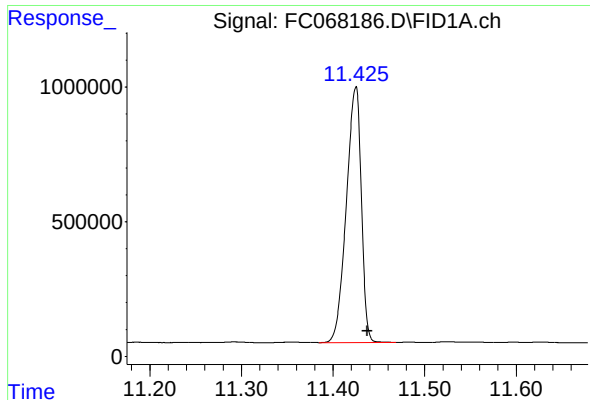
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: -0.014 min
Response: 5488580
Conc: 39.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: -0.015 min
Response: 5388367
Conc: 38.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.013 min
Response: 10792297
Conc: 69.06 ug/ml

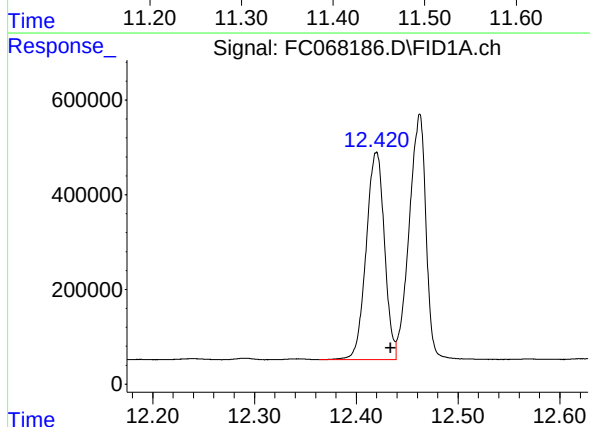
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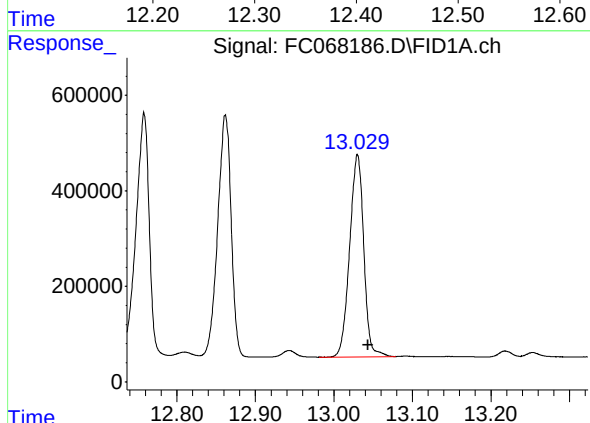
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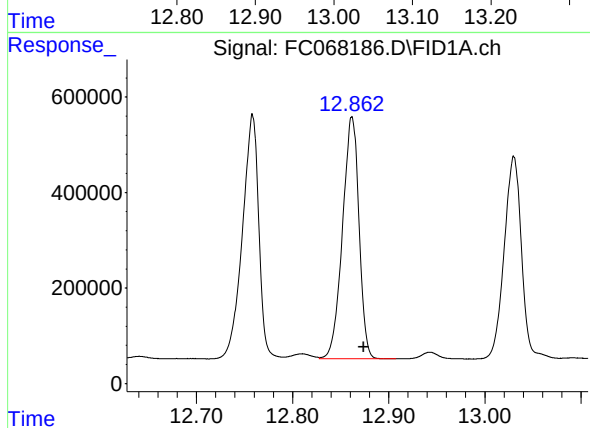
#10 n-Eicosane (C20)

R.T.: 12.420 min
Delta R.T.: -0.014 min
Response: 5469108
Conc: 40.87 ug/ml



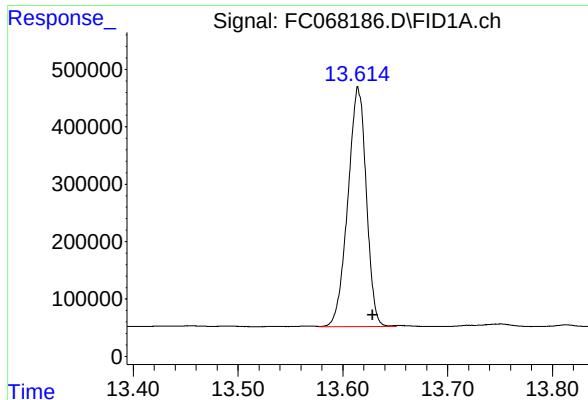
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.014 min
Response: 5292023
Conc: 40.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.862 min
Delta R.T.: -0.012 min
Response: 6062666
Conc: 52.72 ug/ml



#13 n-Docosane (C22)

R.T.: 13.614 min
Delta R.T.: -0.014 min
Response: 5103029
Conc: 39.40 ug/ml

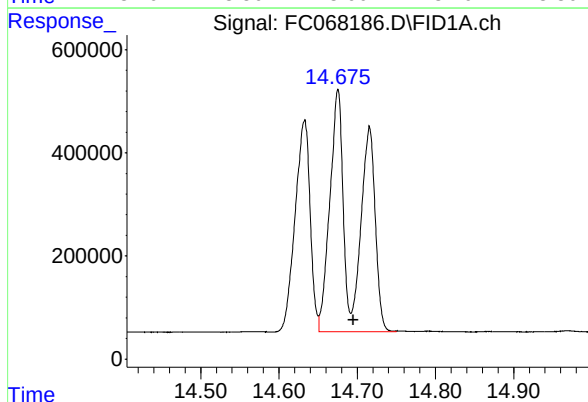
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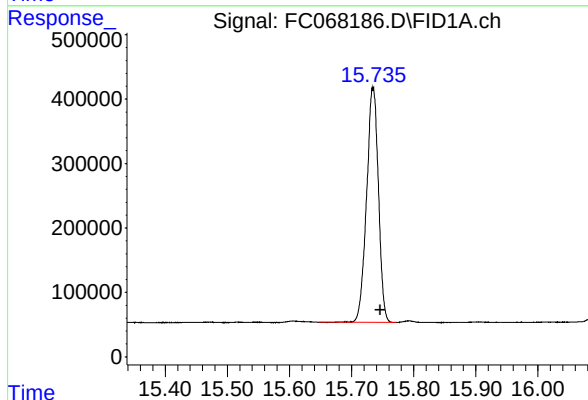
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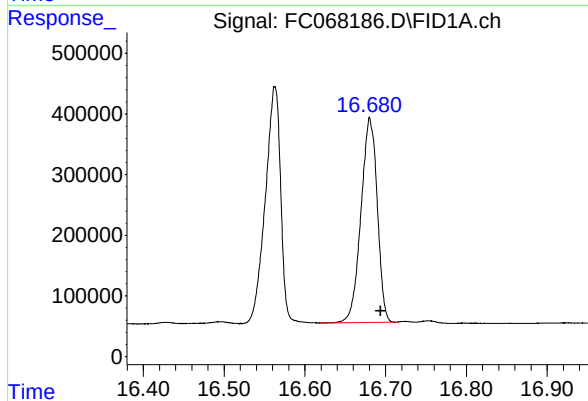
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: -0.020 min
Response: 10432470
Conc: 81.26 ug/ml m



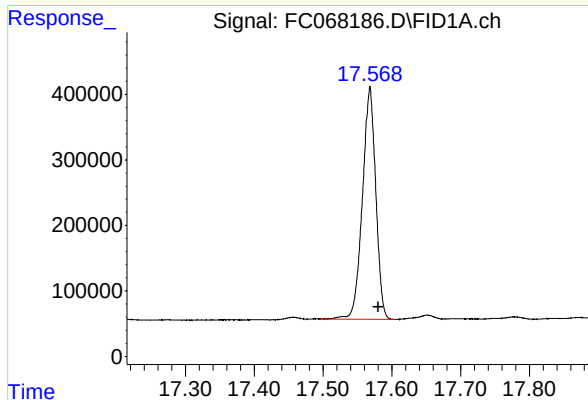
#15 n-Hexacosane (C26)

R.T.: 15.735 min
Delta R.T.: -0.012 min
Response: 4832541
Conc: 38.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.681 min
Delta R.T.: -0.013 min
Response: 4716924
Conc: 37.71 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.568 min
Delta R.T.: -0.012 min
Response: 4788592
Conc: 37.05 ug/ml

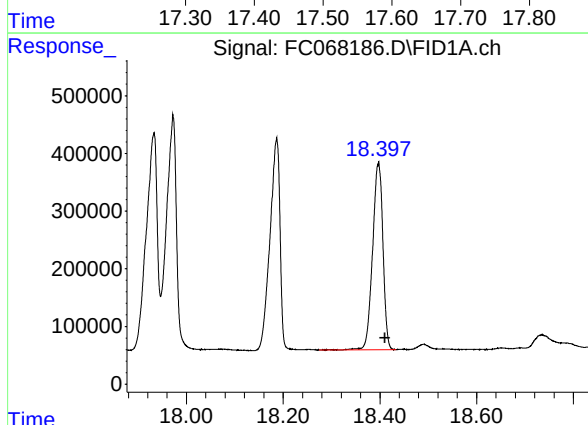
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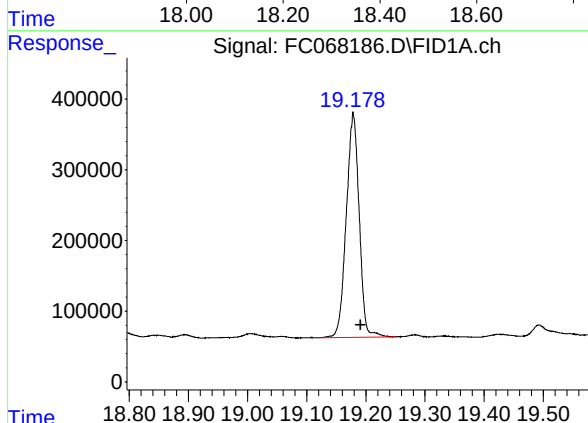
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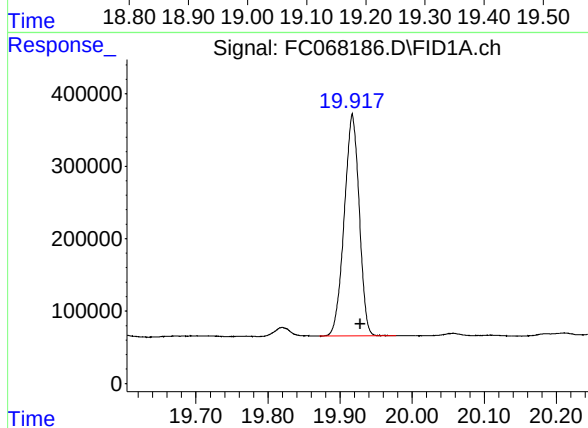
#18 n-Dotriacontane (C32)

R.T.: 18.397 min
Delta R.T.: -0.013 min
Response: 4766909
Conc: 38.13 ug/ml



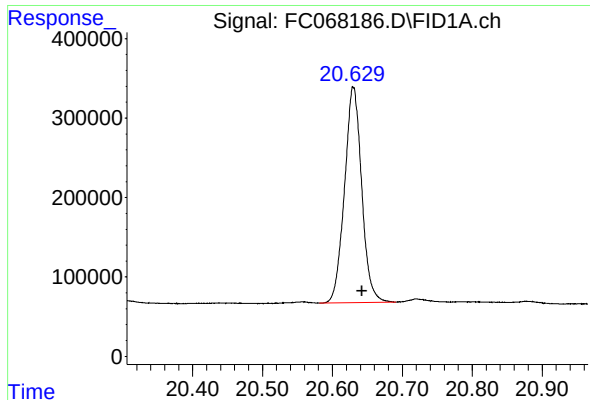
#19 n-Tetatriacontane (C34)

R.T.: 19.179 min
Delta R.T.: -0.012 min
Response: 4801738
Conc: 44.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.011 min
Response: 4421261
Conc: 47.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.630 min
Delta R.T.: -0.012 min
Response: 4637710
Conc: 54.12 ug/ml

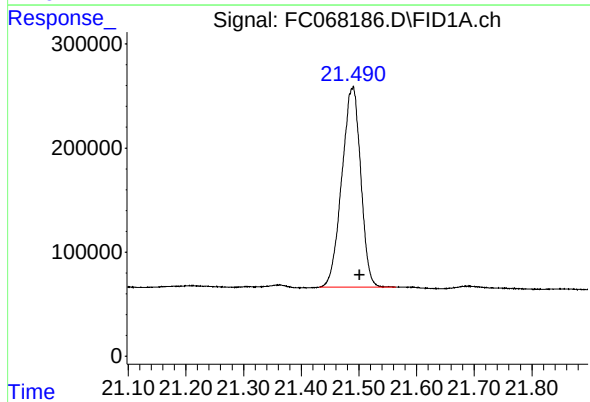
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#22 n-Tetracontane (C40)

R.T.: 21.489 min
Delta R.T.: -0.012 min
Response: 4380783
Conc: 54.18 ug/ml