

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068113.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 14:50
 Operator : YP/AJ
 Sample : PB166217BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166217BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 25 04:33:17 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)	11.429	5421802	34.696 ug/ml
Spiked Amount 50.000		Recovery =	69.39%
12) S 1-chlorooctadecane (S...	12.868	4249999	36.956 ug/ml
Spiked Amount 50.000		Recovery =	73.91%
Target Compounds			
1) T n-Nonane (C9)	3.244	5463088	39.896 ug/ml
2) T n-Decane (C10)	4.298	5716936	41.179 ug/ml
3) T A~Naphthalene (C11.7)	5.863	6570294	43.765 ug/ml
4) T n-Dodecane (C12)	6.302	5756106	41.204 ug/ml
5) T A~2-methylnaphthalene...	6.914	6032208	41.997 ug/ml
6) T n-Tetradecane (C14)	8.091	5785537	42.392 ug/ml
7) T n-Hexadecane (C16)	9.685	5677222	40.859 ug/ml
8) T n-Octadecane (C18)	11.123	5608993	40.088 ug/ml
10) T n-Eicosane (C20)	12.428	5712559	42.694 ug/ml
11) T n-Heneicosane (C21)	13.038	5422657	41.287 ug/ml
13) T n-Docosane (C22)	13.622	5357893	41.363 ug/ml
14) T n-Tetracosane (C24)	14.686	11131526	86.703 ug/mlm
15) T n-Hexacosane (C26)	15.743	5100508	40.533 ug/ml
16) T n-Octacosane (C28)	16.688	4985091	39.858 ug/ml
17) T n-Tricontane (C30)	17.576	5002046	38.699 ug/ml
18) T n-Dotriacontane (C32)	18.404	4900348	39.199 ug/ml
19) T n-Tetratriacontane (C34)	19.186	4841732	44.634 ug/ml
20) T n-Hexatriacontane (C36)	19.925	4590013	49.599 ug/ml
21) T n-Octatriacontane (C38)	20.637	4456919	52.013 ug/ml
22) T n-Tetracontane (C40)	21.497	4365558	53.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB166217BSD
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ALS Vial : 23 Sample Multiplier: 1

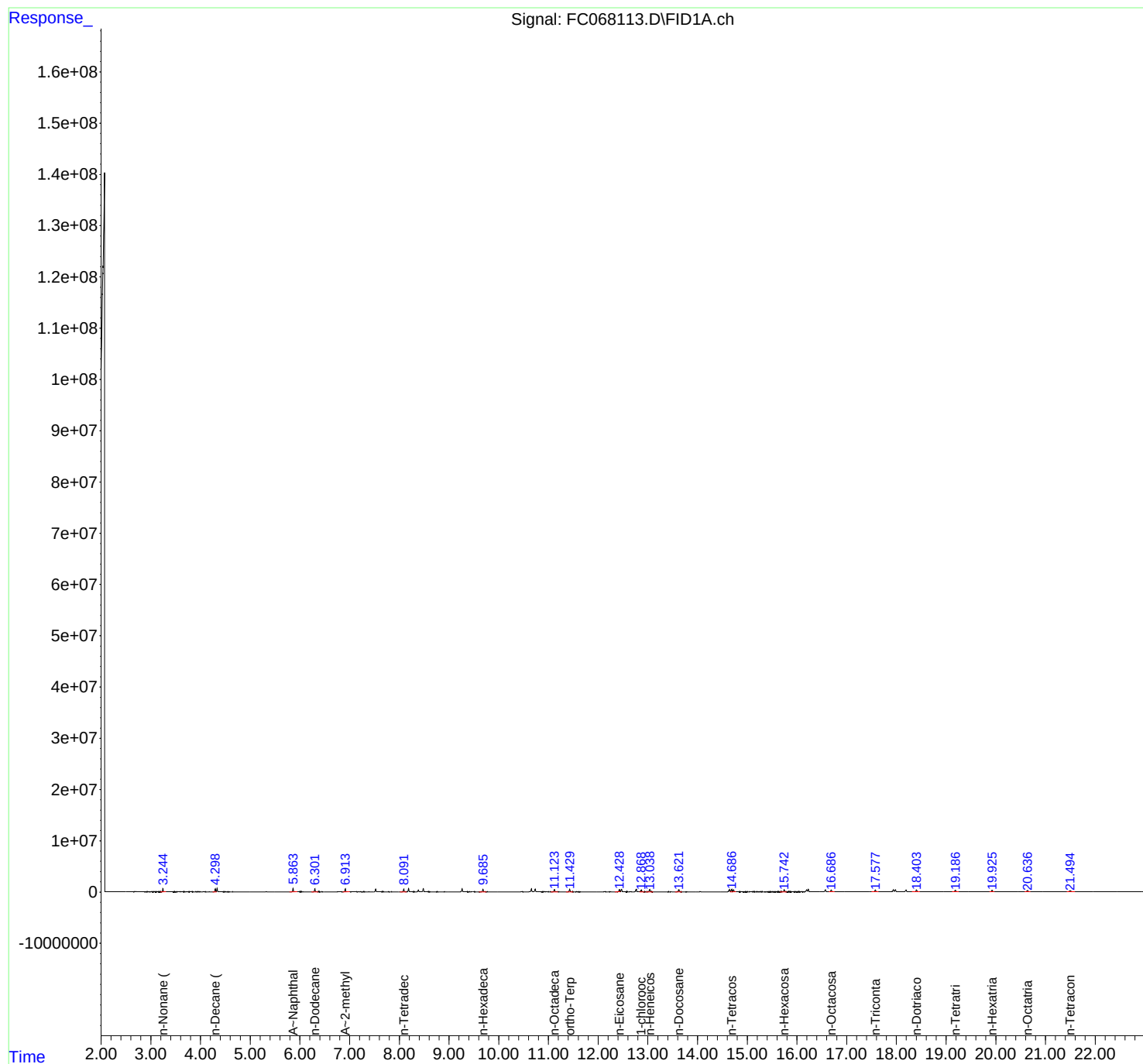
Instrument :
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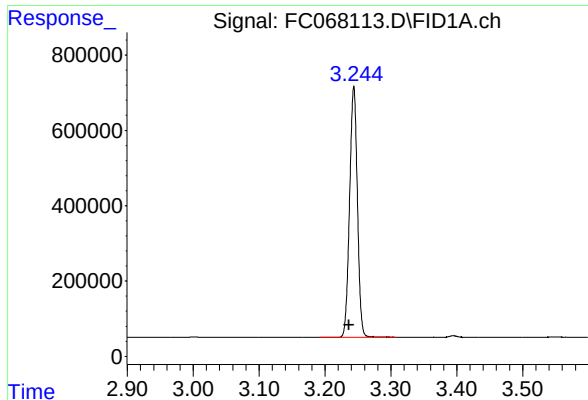
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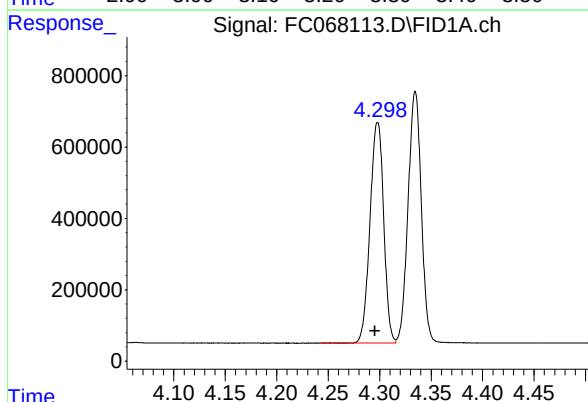
#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: 0.008 min
Response: 5463088
Conc: 39.90 ug/ml

Instrument :
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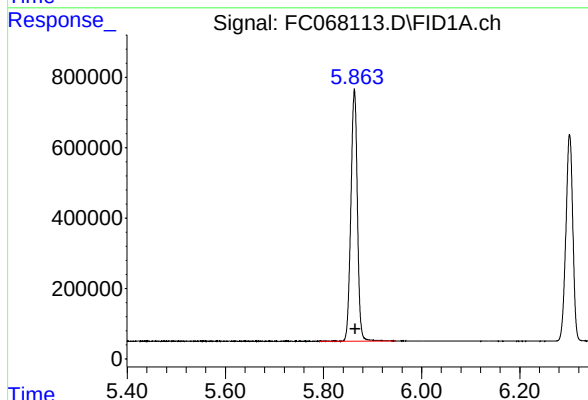
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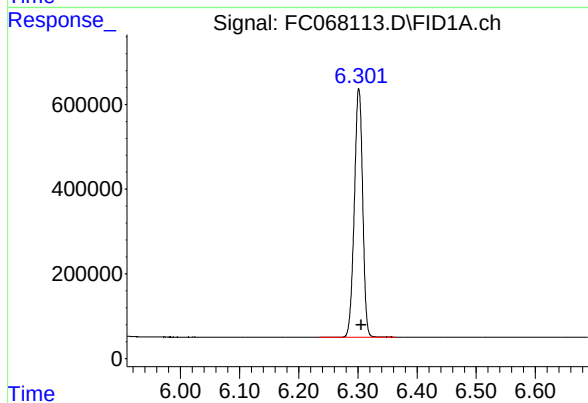
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: 0.002 min
Response: 5716936
Conc: 41.18 ug/ml



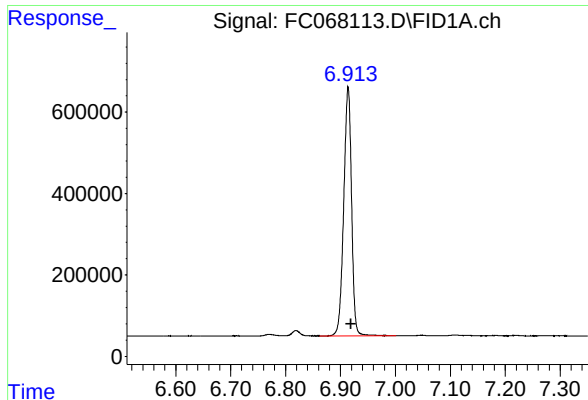
#3 A~Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.002 min
Response: 6570294
Conc: 43.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 5756106
Conc: 41.20 ug/ml



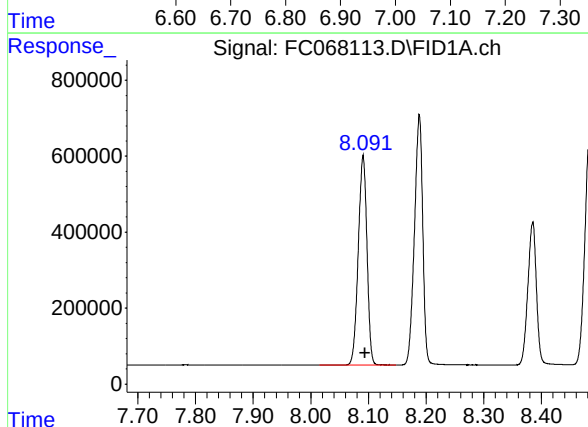
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 6032208
Conc: 42.00 ug/ml

Instrument :
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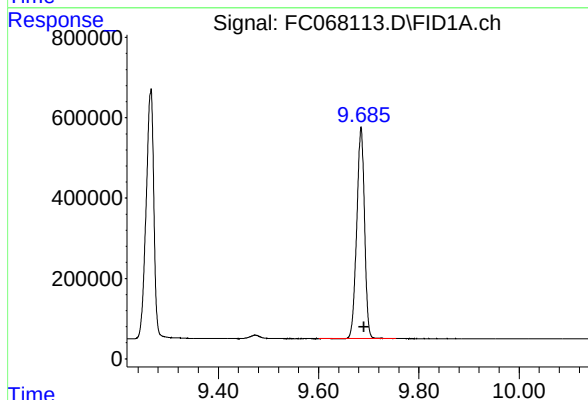
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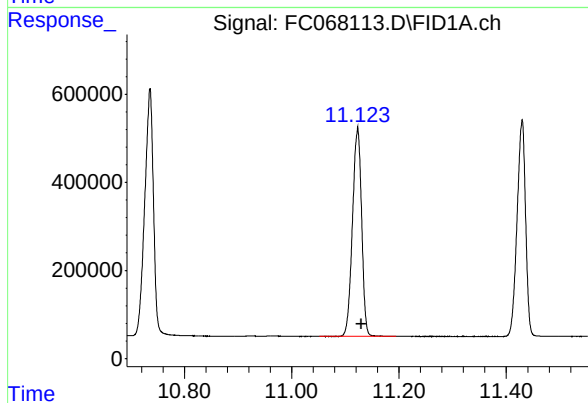
#6 n-Tetradecane (C14)

R.T.: 8.091 min
Delta R.T.: -0.003 min
Response: 5785537
Conc: 42.39 ug/ml



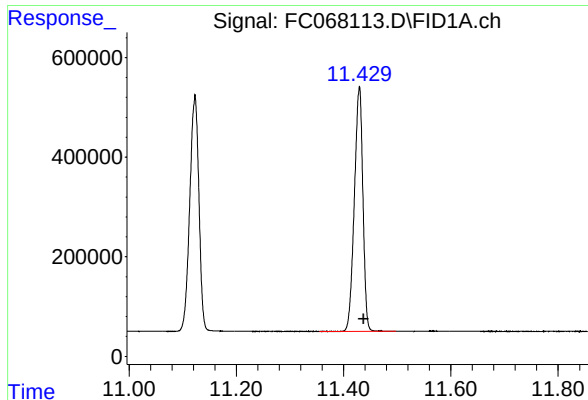
#7 n-Hexadecane (C16)

R.T.: 9.685 min
Delta R.T.: -0.006 min
Response: 5677222
Conc: 40.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.123 min
Delta R.T.: -0.007 min
Response: 5608993
Conc: 40.09 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.429 min
Delta R.T.: -0.008 min
Response: 5421802
Conc: 34.70 ug/ml

Instrument :

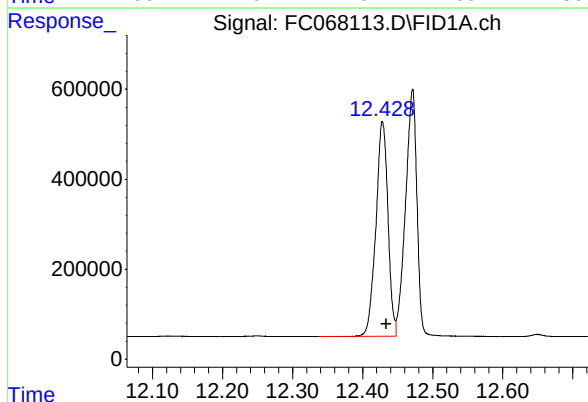
FID_C

ClientSampleId :

PB166217BSD

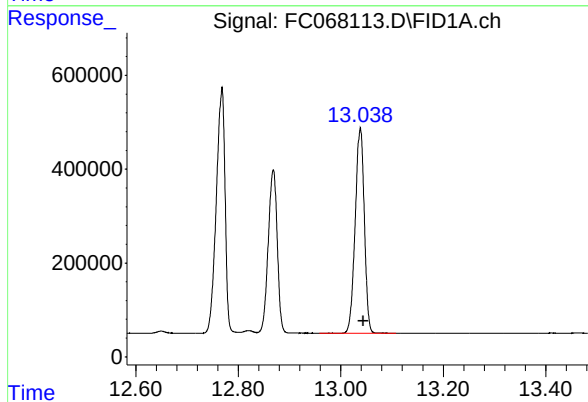
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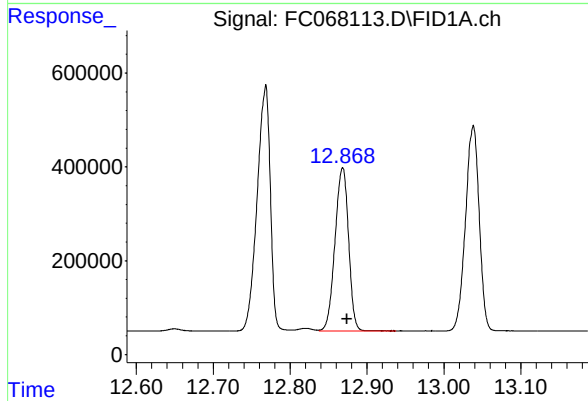
#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: -0.005 min
Response: 5712559
Conc: 42.69 ug/ml



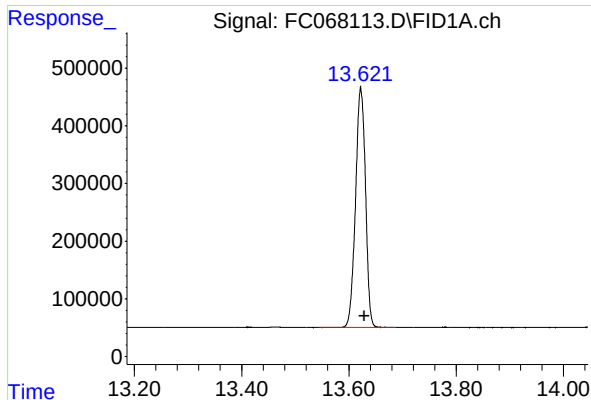
#11 n-Heneicosane (C21)

R.T.: 13.038 min
Delta R.T.: -0.006 min
Response: 5422657
Conc: 41.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.868 min
Delta R.T.: -0.006 min
Response: 4249999
Conc: 36.96 ug/ml



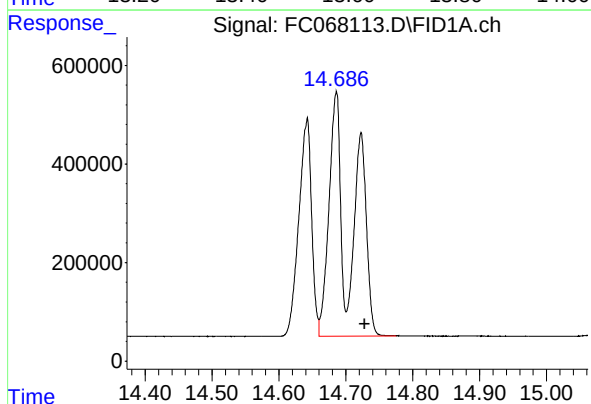
#13 n-Docosane (C22)

R.T.: 13.622 min
Delta R.T.: -0.006 min
Response: 5357893
Conc: 41.36 ug/ml

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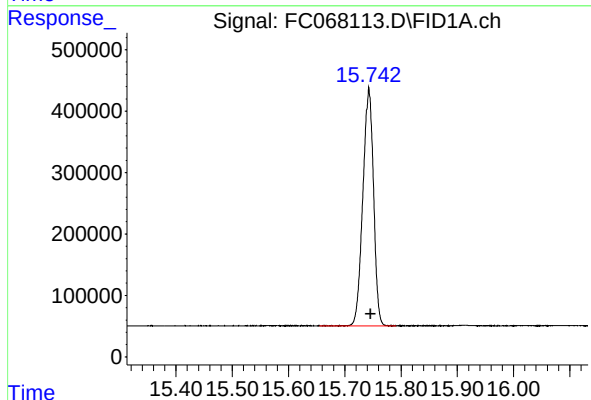
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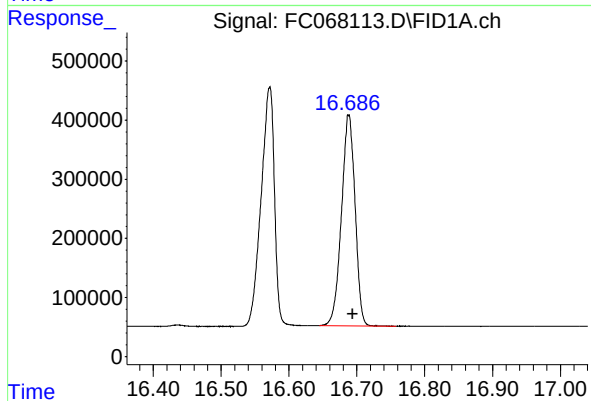
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: -0.042 min
Response: 11131526
Conc: 86.70 ug/ml



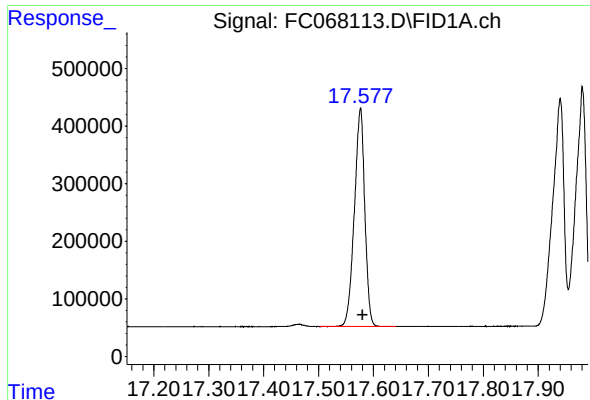
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.003 min
Response: 5100508
Conc: 40.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.688 min
Delta R.T.: -0.006 min
Response: 4985091
Conc: 39.86 ug/ml



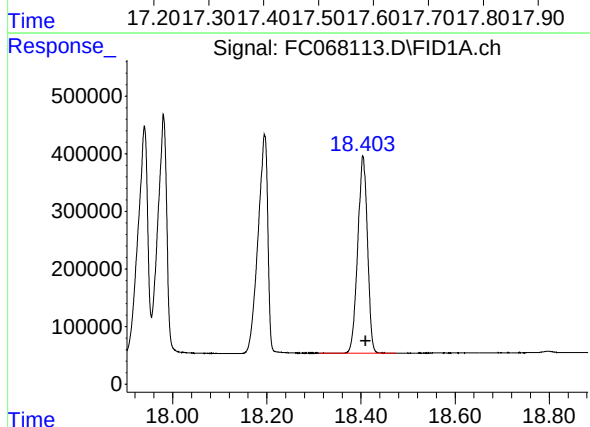
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.004 min
Response: 5002046
Conc: 38.70 ug/ml

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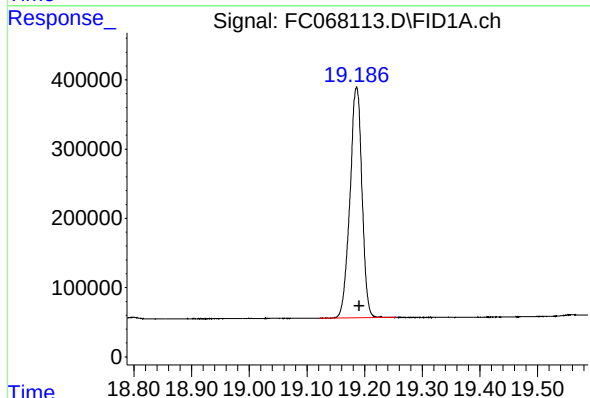
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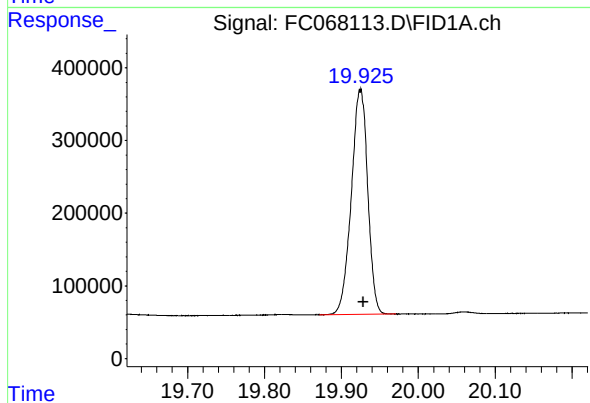
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.006 min
Response: 4900348
Conc: 39.20 ug/ml



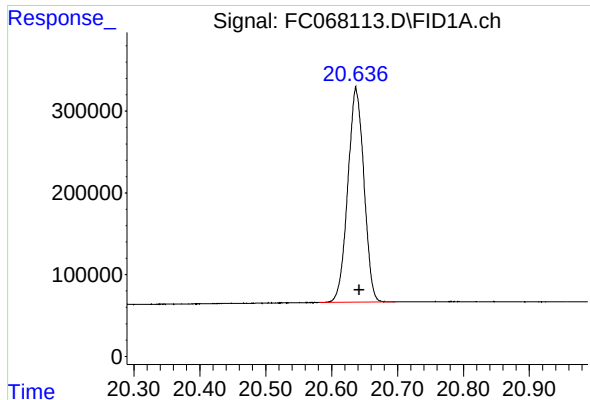
#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.005 min
Response: 4841732
Conc: 44.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.925 min
Delta R.T.: -0.004 min
Response: 4590013
Conc: 49.60 ug/ml



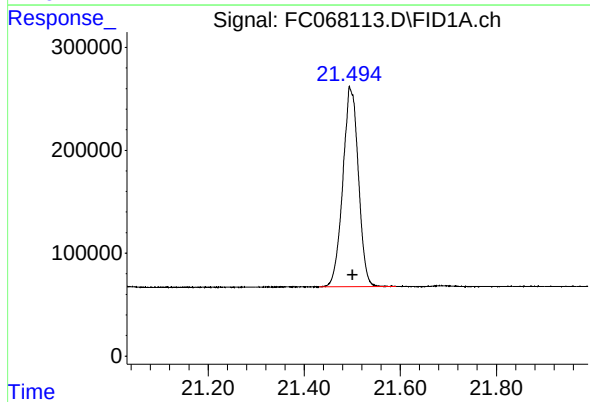
#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: -0.005 min
Response: 4456919
Conc: 52.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: -0.004 min
Response: 4365558
Conc: 53.99 ug/ml