

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068184.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 16:51
 Operator : YP/AJ
 Sample : Q1269-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

VNJ-231MSD

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 03:24:36 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)	11.419	4182054	26.762 ug/ml
Spiked Amount 50.000		Recovery =	53.52%
12) S 1-chlorooctadecane (S...	12.859	3301409	28.707 ug/ml
Spiked Amount 50.000		Recovery =	57.41%
Target Compounds			
1) T n-Nonane (C9)	3.229	3668161	26.788 ug/ml
2) T n-Decane (C10)	4.286	4058358	29.232 ug/ml
3) T A~Naphthalene (C11.7)	5.853	4798225	31.961 ug/ml
4) T n-Dodecane (C12)	6.293	4265174	30.531 ug/ml
5) T A~2-methylnaphthalene...	6.904	4539997	31.608 ug/ml
6) T n-Tetradecane (C14)	8.082	4595620	33.673 ug/ml
7) T n-Hexadecane (C16)	9.676	4804564	34.578 ug/ml
8) T n-Octadecane (C18)	11.114	4831162	34.529 ug/ml
10) T n-Eicosane (C20)	12.420	5066307	37.864 ug/ml
11) T n-Heneicosane (C21)	13.029	4708871	35.853 ug/ml
13) T n-Docosane (C22)	13.613	4660929	35.982 ug/ml
14) T n-Tetracosane (C24)	14.675	9736153	75.835 ug/mlm
15) T n-Hexacosane (C26)	15.734	4489998	35.681 ug/ml
16) T n-Octacosane (C28)	16.682	4611788	36.873 ug/mlm
17) T n-Tricontane (C30)	17.567	4476859	34.636 ug/ml
18) T n-Dotriacontane (C32)	18.397	4370805	34.963 ug/ml
19) T n-Tetratriacontane (C34)	19.178	4360625	40.199 ug/ml
20) T n-Hexatriacontane (C36)	19.916	4019062	43.429 ug/mlm
21) T n-Octatriacontane (C38)	20.628	3882565	45.310 ug/ml
22) T n-Tetracontane (C40)	21.486	3773495	46.667 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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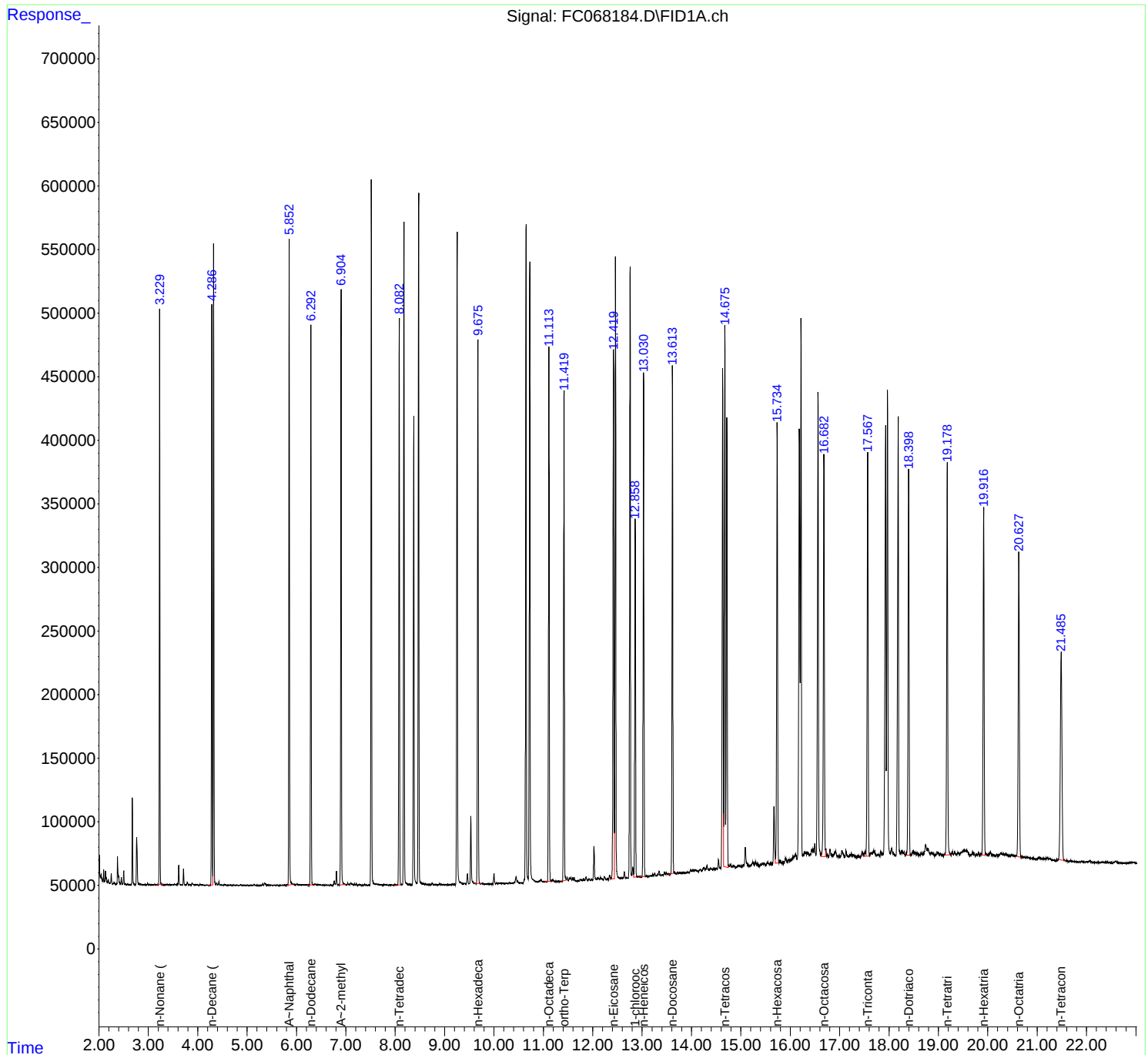
Instrument :
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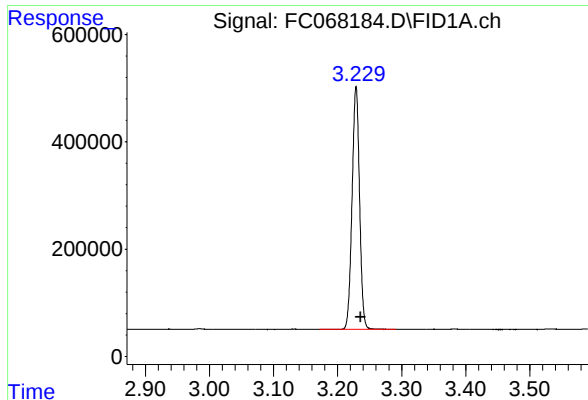
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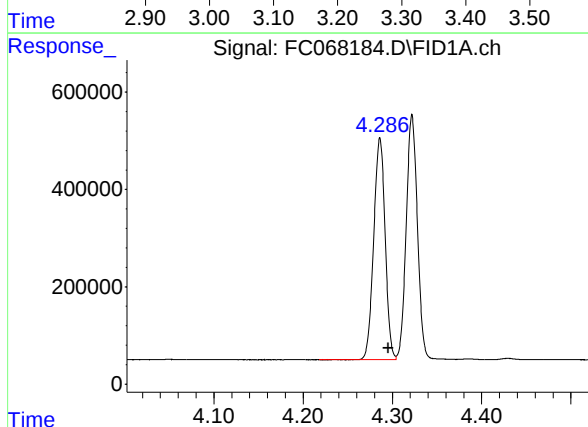
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.007 min
Response: 3668161
Conc: 26.79 ug/ml

Instrument :
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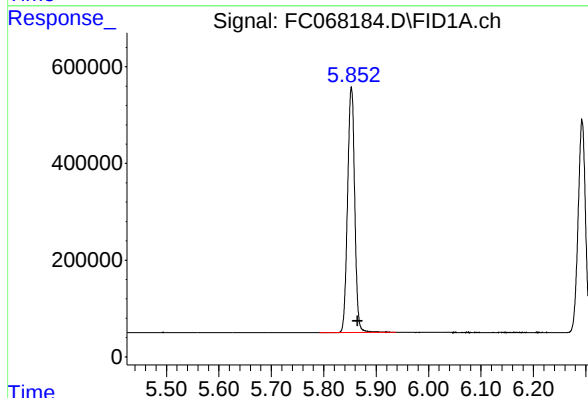
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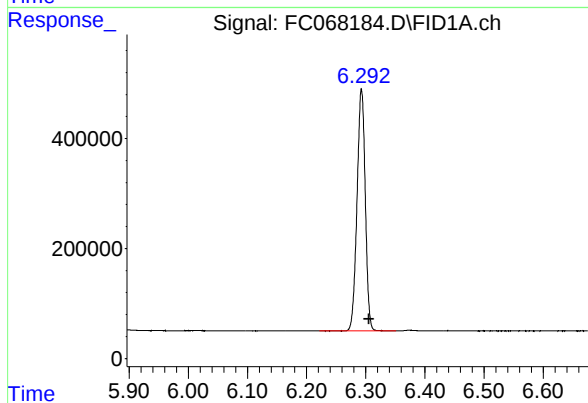
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.009 min
Response: 4058358
Conc: 29.23 ug/ml



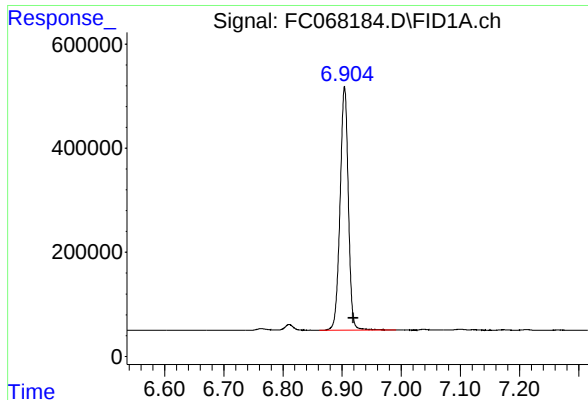
#3 A~Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.012 min
Response: 4798225
Conc: 31.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.013 min
Response: 4265174
Conc: 30.53 ug/ml



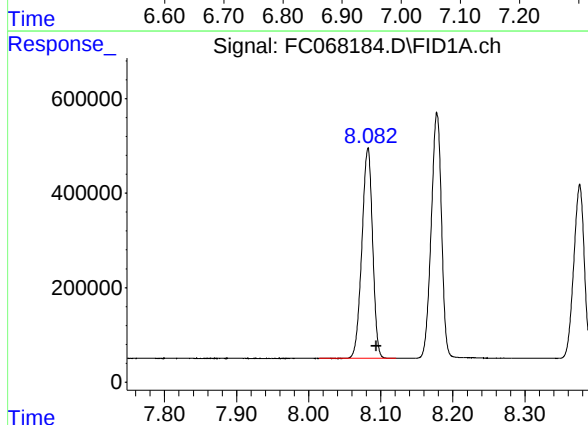
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.015 min
Response: 4539997
Conc: 31.61 ug/ml

Instrument :
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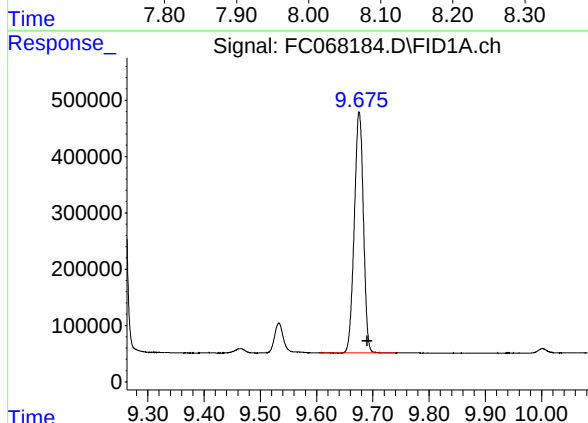
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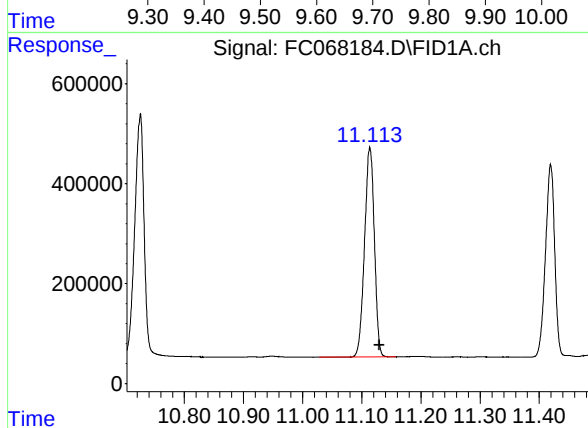
#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.012 min
Response: 4595620
Conc: 33.67 ug/ml



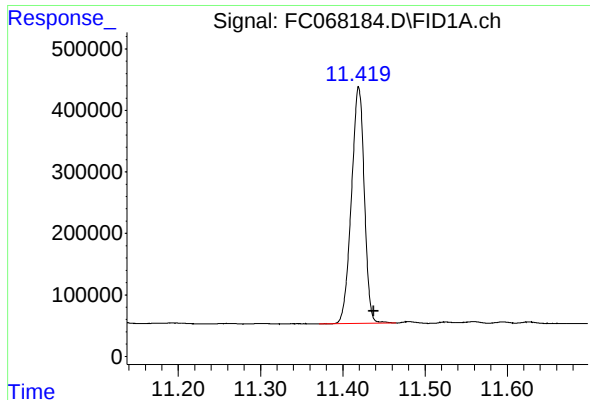
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: -0.014 min
Response: 4804564
Conc: 34.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: -0.016 min
Response: 4831162
Conc: 34.53 ug/ml



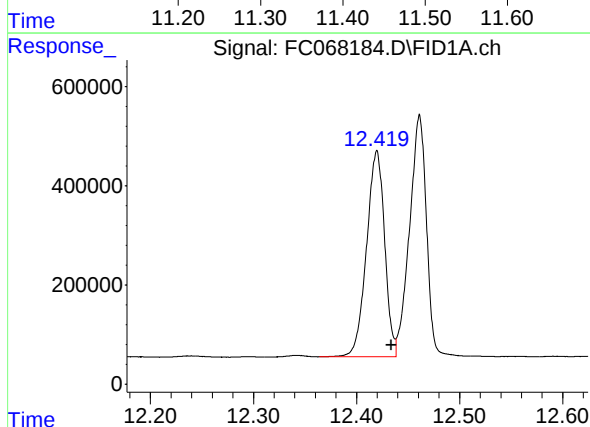
#9 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.018 min
Response: 4182054
Conc: 26.76 ug/ml

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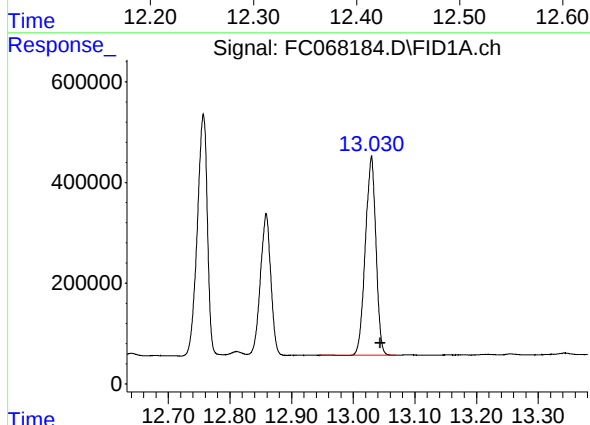
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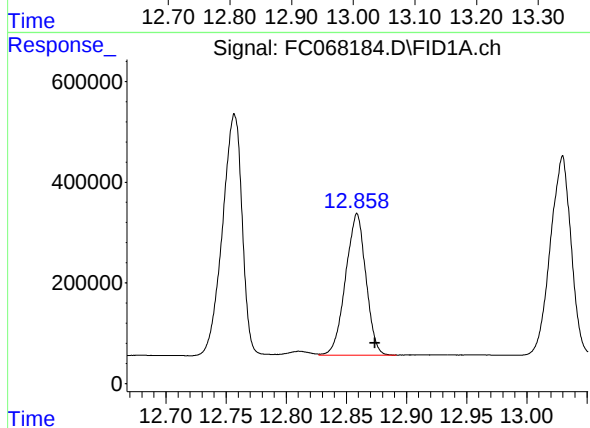
#10 n-Eicosane (C20)

R.T.: 12.420 min
Delta R.T.: -0.014 min
Response: 5066307
Conc: 37.86 ug/ml



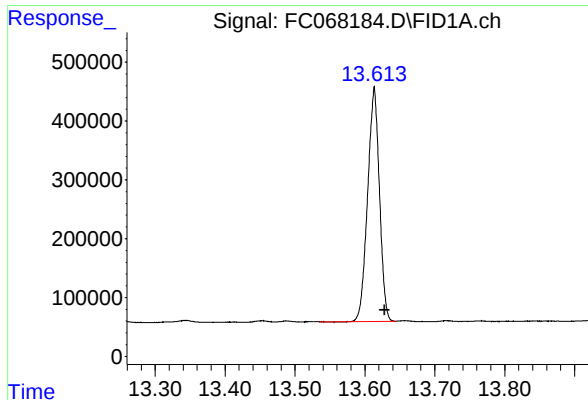
#11 n-Heneicosane (C21)

R.T.: 13.029 min
Delta R.T.: -0.014 min
Response: 4708871
Conc: 35.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.859 min
Delta R.T.: -0.015 min
Response: 3301409
Conc: 28.71 ug/ml



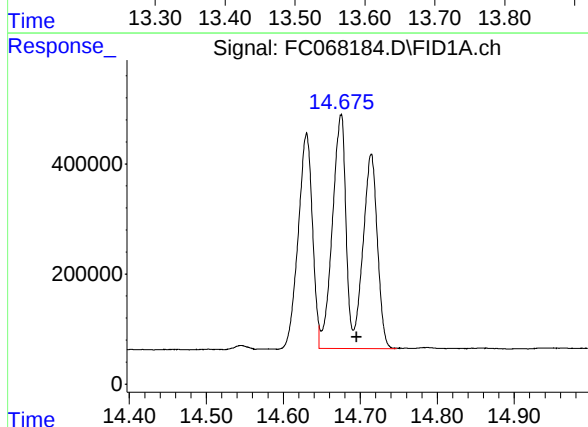
#13 n-Docosane (C22)

R.T.: 13.613 min
Delta R.T.: -0.015 min
Response: 4660929
Conc: 35.98 ug/ml

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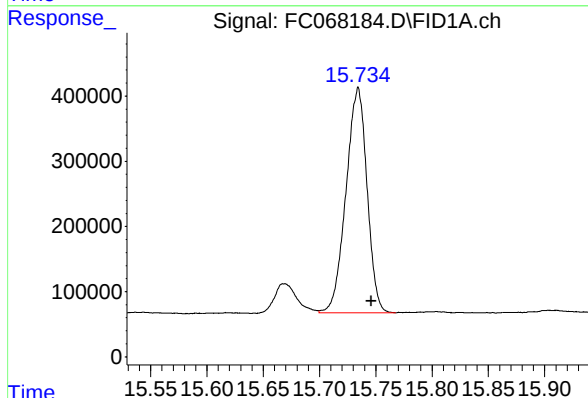
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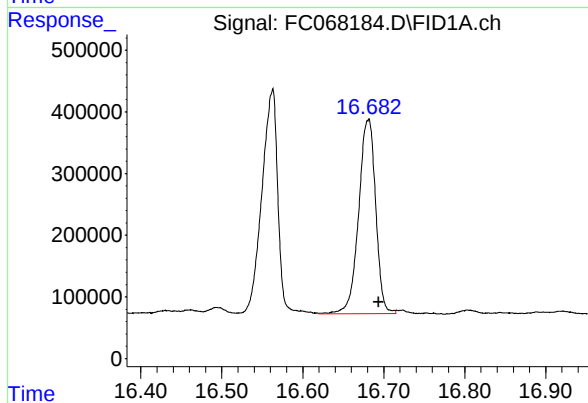
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: -0.020 min
Response: 9736153
Conc: 75.83 ug/ml m



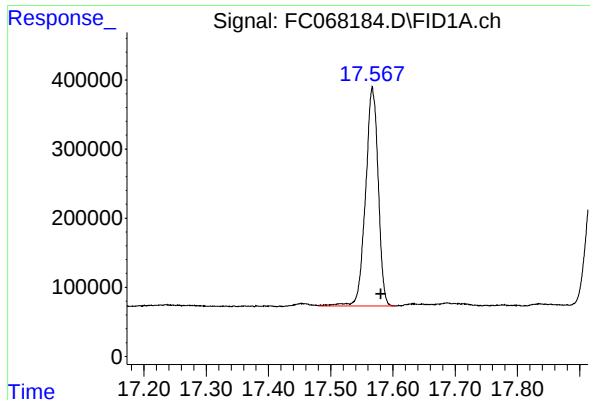
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: -0.012 min
Response: 4489998
Conc: 35.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.682 min
Delta R.T.: -0.012 min
Response: 4611788
Conc: 36.87 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.013 min
Response: 4476859
Conc: 34.64 ug/ml

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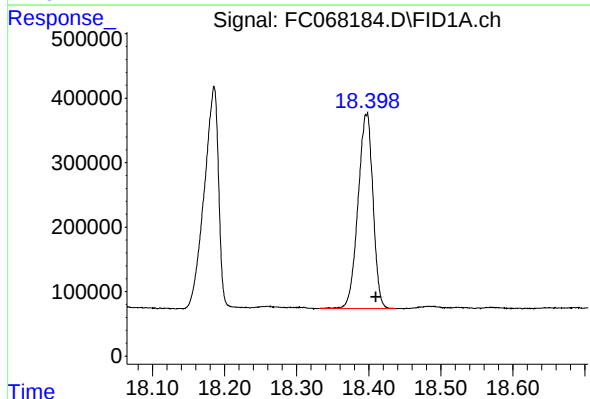
ClientSampleId :

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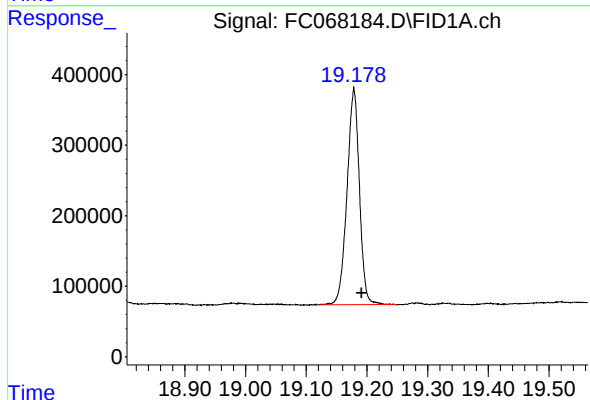
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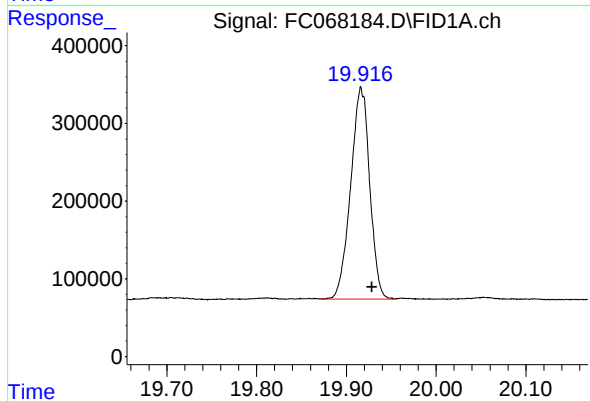
#18 n-Dotriacontane (C32)

R.T.: 18.397 min
Delta R.T.: -0.014 min
Response: 4370805
Conc: 34.96 ug/ml



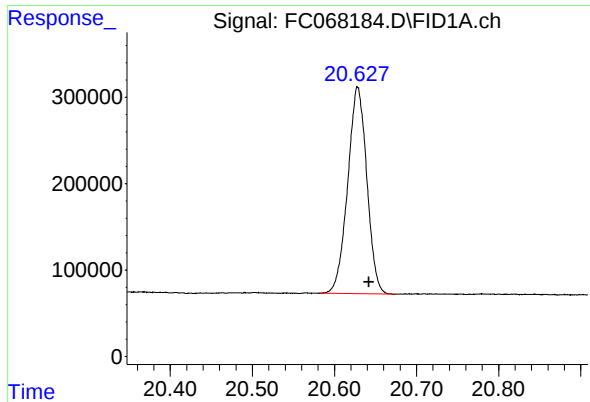
#19 n-Tetratriacontane (C34)

R.T.: 19.178 min
Delta R.T.: -0.013 min
Response: 4360625
Conc: 40.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.916 min
Delta R.T.: -0.013 min
Response: 4019062
Conc: 43.43 ug/ml m



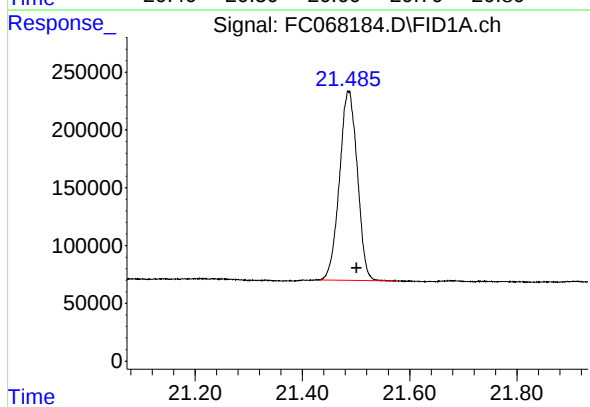
#21 n-Octatriacontane (C38)

R.T.: 20.628 min
Delta R.T.: -0.014 min
Response: 3882565
Conc: 45.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.486 min
Delta R.T.: -0.015 min
Response: 3773495
Conc: 46.67 ug/ml