

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068556.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 17:15
 Operator : YP/AJ
 Sample : Q1760-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-15MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File: autoint1.e

Quant Time: Apr 11 03:44:32 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 17:31:27 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)	11.713	4278848	33.602 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
12) S 1-chlorooctadecane (S...	13.145	3218247	34.644 ug/ml
Spiked Amount 50.000		Recovery =	69.29%
Target Compounds			
1) T n-Nonane (C9)	3.449	7168887	68.066 ug/ml
2) T n-Decane (C10)	4.526	7975680	75.699 ug/ml
3) T A~Naphthalene (C11.7)	6.120	7508385	64.471 ug/ml
4) T n-Dodecane (C12)	6.547	5881503	55.927 ug/ml
5) T A~2-methylnaphthalene...	7.178	7800444	67.538 ug/ml
6) T n-Tetradecane (C14)	8.345	5015216	48.784 ug/ml
7) T n-Hexadecane (C16)	9.946	5110948	50.186 ug/ml
8) T n-Octadecane (C18)	11.390	5045006	50.133 ug/ml
10) T n-Eicosane (C20)	12.700	5053169	51.374 ug/ml
11) T n-Heneicosane (C21)	13.312	4794237	49.193 ug/ml
13) T n-Docosane (C22)	13.899	4740799	49.079 ug/ml
14) T n-Tetracosane (C24)	14.998	10039879	105.478 ug/ml
15) T n-Hexacosane (C26)	16.028	4696479	50.281 ug/ml
16) T n-Octacosane (C28)	16.979	4743208	51.806 ug/ml
17) T n-Tricontane (C30)	17.868	4754532	51.718 ug/ml
18) T n-Dotriacontane (C32)	18.701	4730383	51.569 ug/ml
19) T n-Tetratriacontane (C34)	19.487	4783794	53.546 ug/ml
20) T n-Hexatriacontane (C36)	20.229	4568308	50.998 ug/ml
21) T n-Octatriacontane (C38)	21.004	4590293	51.919 ug/ml
22) T n-Tetracontane (C40)	21.983	4441935	50.302 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q1760-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

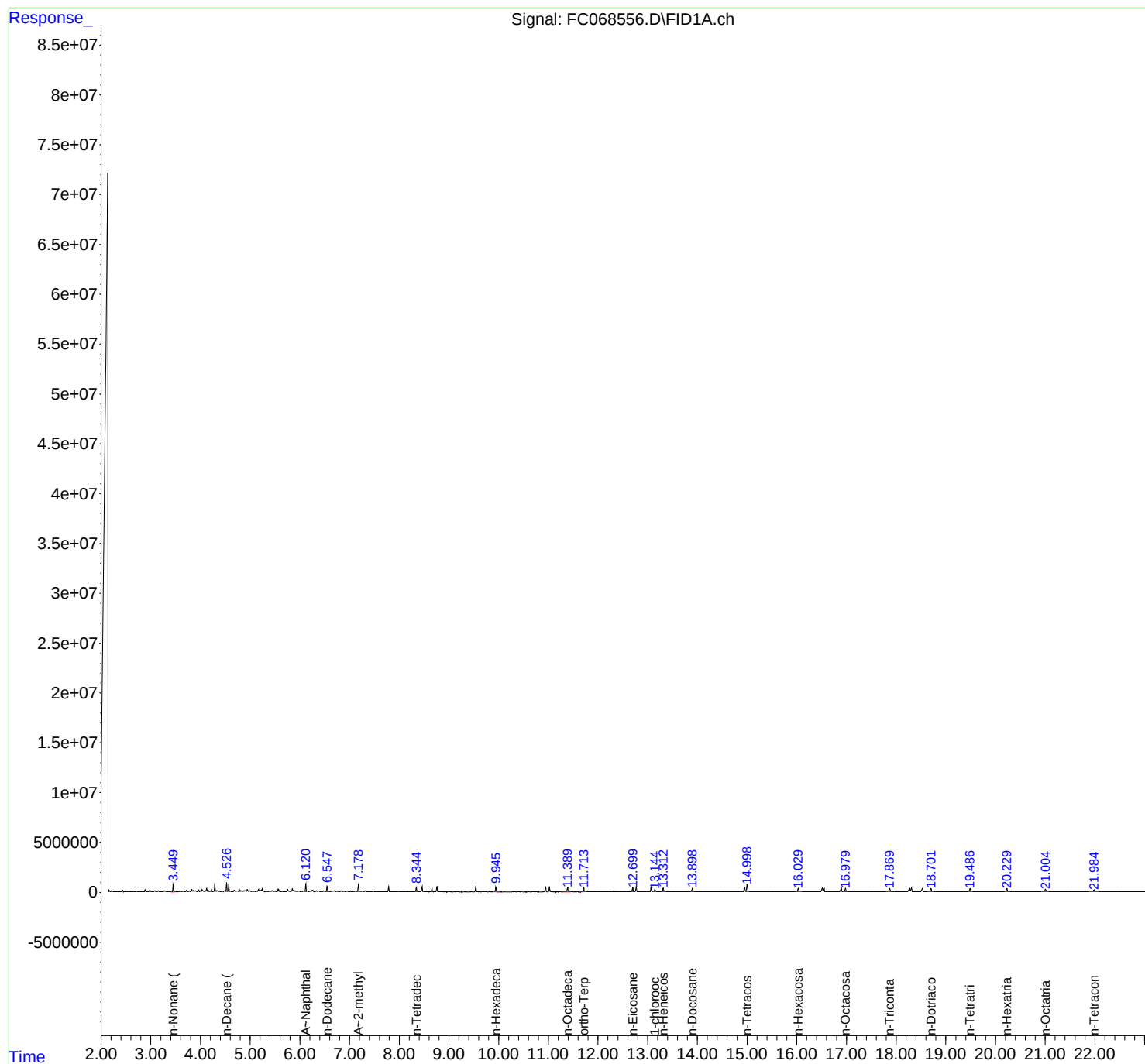
Instrument :
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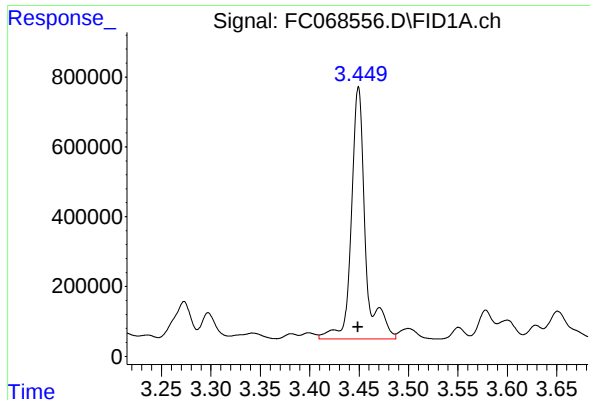
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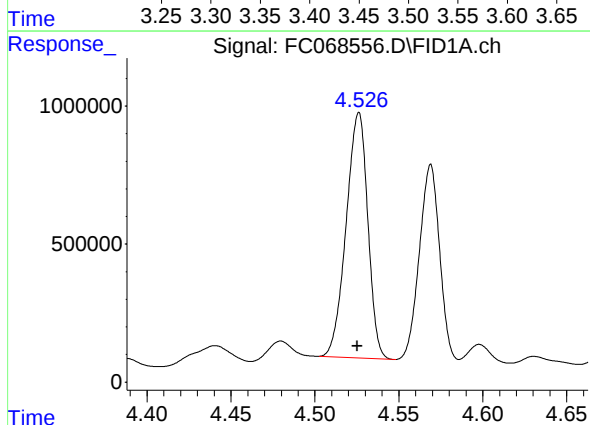
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 7168887
Conc: 68.07 ug/ml

Instrument :
FID_C
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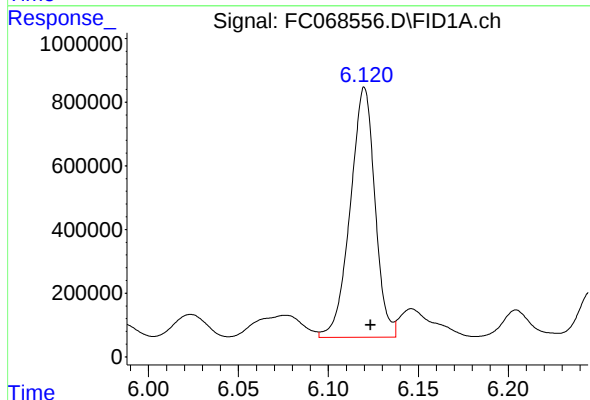
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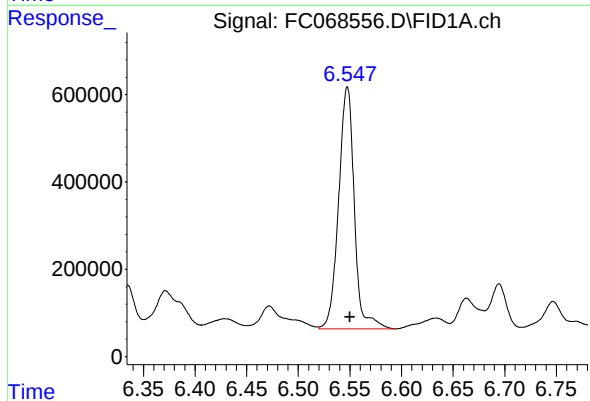
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 7975680
Conc: 75.70 ug/ml



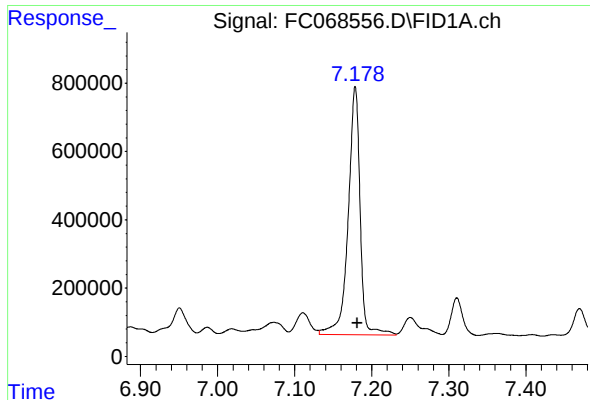
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 7508385
Conc: 64.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 5881503
Conc: 55.93 ug/ml



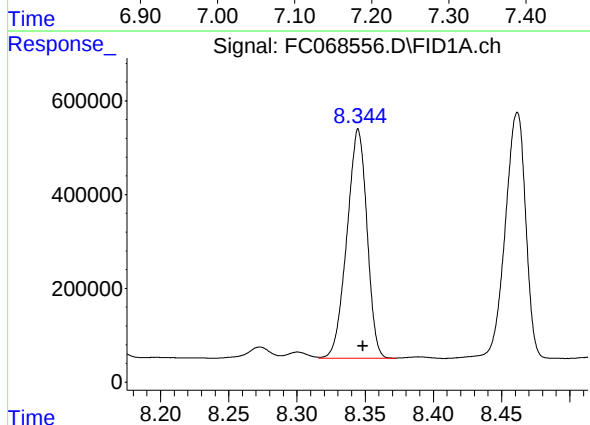
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 7800444
Conc: 67.54 ug/ml

Instrument :
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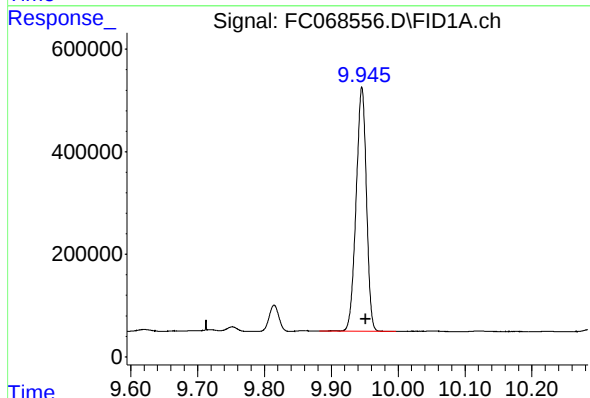
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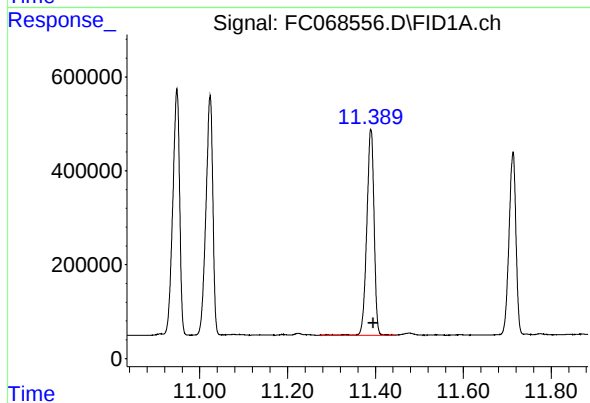
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 5015216
Conc: 48.78 ug/ml



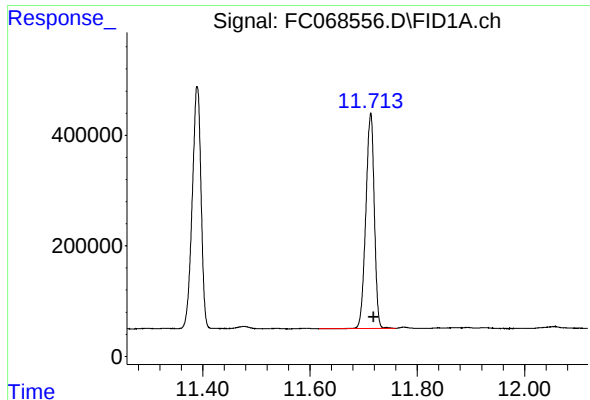
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 5110948
Conc: 50.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 5045006
Conc: 50.13 ug/ml



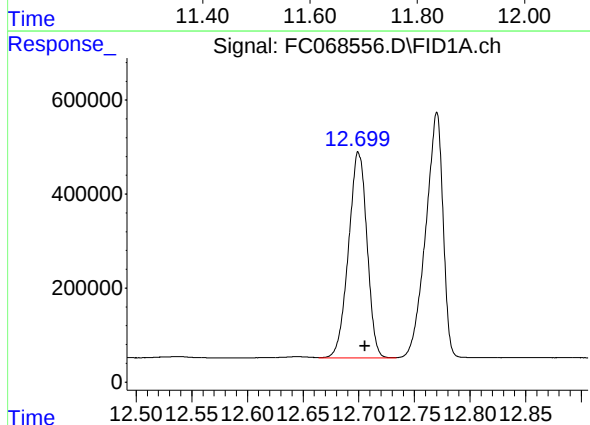
#9 ortho-Terphenyl (SURR)

R.T.: 11.713 min
Delta R.T.: -0.006 min
Response: 4278848
Conc: 33.60 ug/ml

Instrument :
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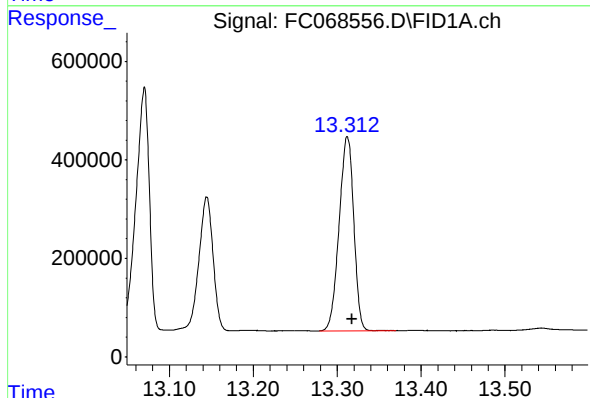
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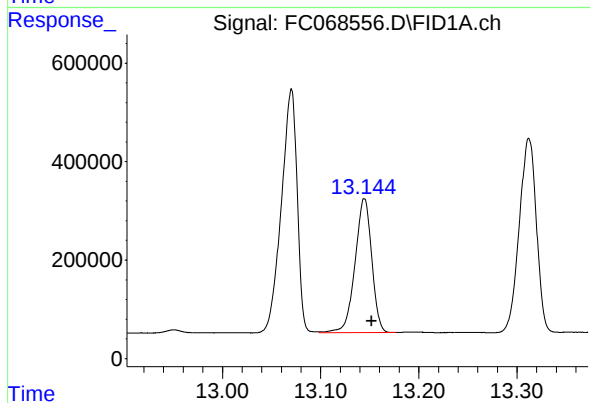
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: -0.006 min
Response: 5053169
Conc: 51.37 ug/ml



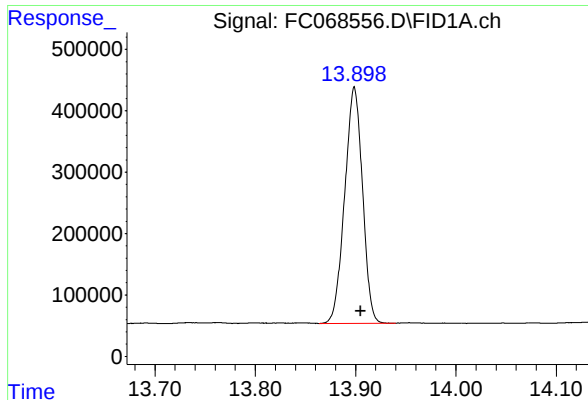
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 4794237
Conc: 49.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min
Delta R.T.: -0.007 min
Response: 3218247
Conc: 34.64 ug/ml



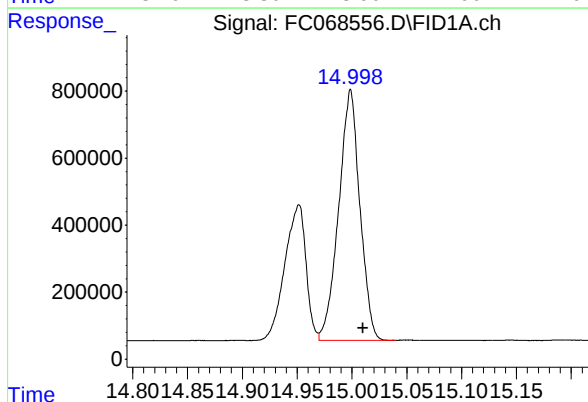
#13 n-Docosane (C22)

R.T.: 13.899 min
Delta R.T.: -0.006 min
Response: 4740799
Conc: 49.08 ug/ml

Instrument :
FID_C
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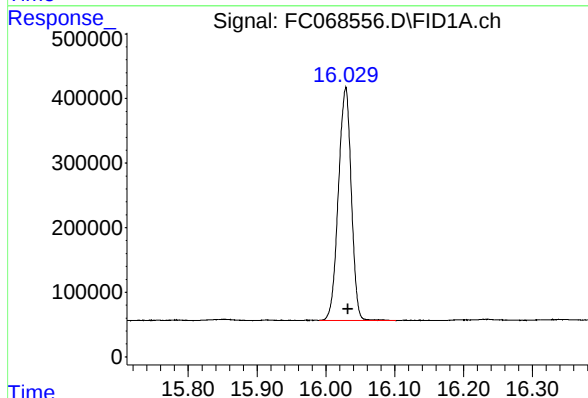
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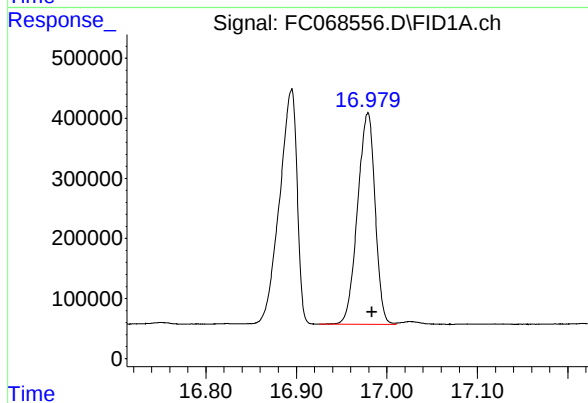
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.012 min
Response: 10039879
Conc: 105.48 ug/ml



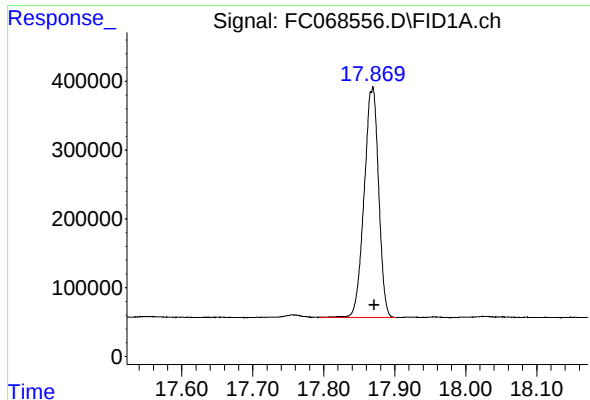
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: -0.003 min
Response: 4696479
Conc: 50.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.979 min
Delta R.T.: -0.005 min
Response: 4743208
Conc: 51.81 ug/ml



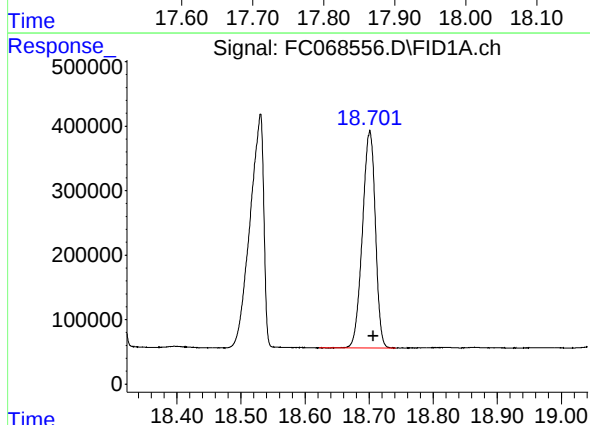
#17 n-Tricontane (C30)

R.T.: 17.868 min
Delta R.T.: -0.003 min
Response: 4754532
Conc: 51.72 ug/ml

Instrument :
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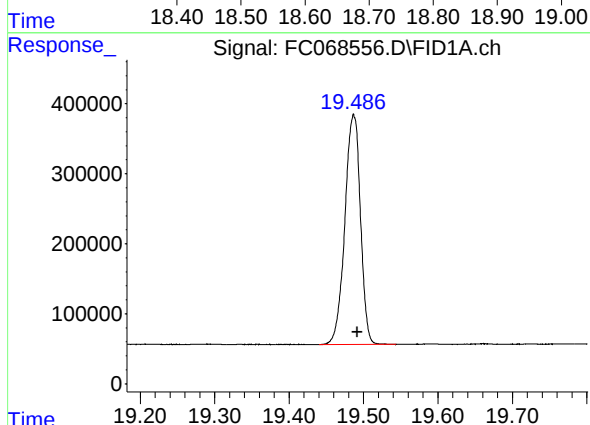
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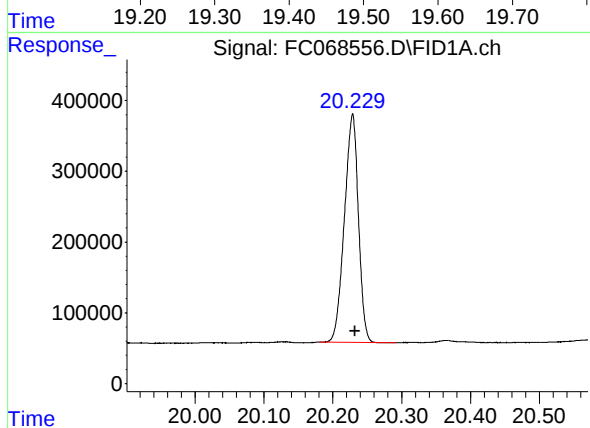
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.006 min
Response: 4730383
Conc: 51.57 ug/ml



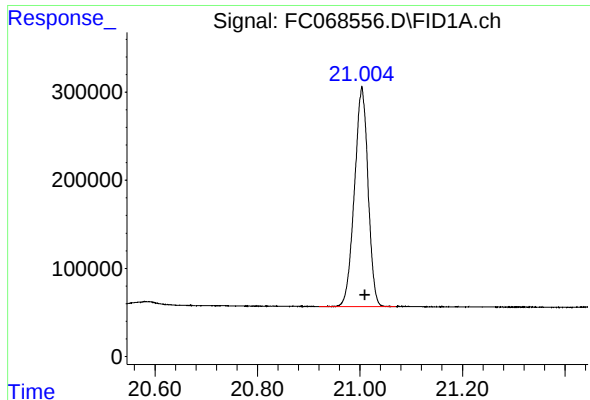
#19 n-Tetatriacontane (C34)

R.T.: 19.487 min
Delta R.T.: -0.005 min
Response: 4783794
Conc: 53.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.229 min
Delta R.T.: -0.004 min
Response: 4568308
Conc: 51.00 ug/ml



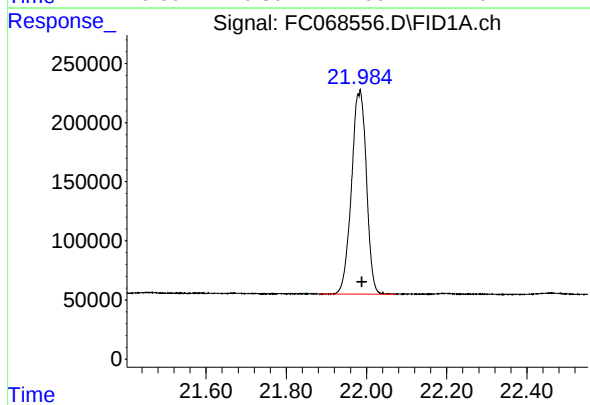
#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.006 min
Response: 4590293
Conc: 51.92 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.006 min
Response: 4441935
Conc: 50.30 ug/ml