

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069272.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 17:45
 Operator : YP/AJ
 Sample : Q2363-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

GCAP1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e

Quant Time: Jun 25 00:41:03 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M

Quant Title : GC Extractables

Qlast Update : Wed Jun 18 14:24:27 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)	11.680	4302738	24.906 ug/ml
Spiked Amount 50.000		Recovery =	49.81%
12) S 1-chlorooctadecane (S...	13.115	3439876	26.331 ug/ml
Spiked Amount 50.000		Recovery =	52.66%
Target Compounds			
1) T n-Nonane (C9)	3.422	5181775	36.435 ug/mlm
2) T n-Decane (C10)	4.489	5633862	38.484 ug/mlm
3) T A~Naphthalene (C11.7)	6.081	6777479	42.124 ug/mlm
4) T n-Dodecane (C12)	6.510	5793128	38.257 ug/mlm
5) T A~2-methylnaphthalene...	7.140	6392161	40.393 ug/mlm
6) T n-Tetradecane (C14)	8.309	5677398	36.627 ug/mlm
7) T n-Hexadecane (C16)	9.912	5508776	33.710 ug/ml
8) T n-Octadecane (C18)	11.358	5226782	32.013 ug/ml
10) T n-Eicosane (C20)	12.671	5164018	33.831 ug/ml
11) T n-Heneicosane (C21)	13.284	4862028	32.987 ug/ml
13) T n-Docosane (C22)	13.870	4737844	32.929 ug/ml
14) T n-Tetracosane (C24)	14.968	9068396	65.746 ug/ml
15) T n-Hexacosane (C26)	15.999	4263978	32.618 ug/ml
16) T n-Octacosane (C28)	16.950	4051199	32.849 ug/ml
17) T n-Tricontane (C30)	17.839	3848973	32.376 ug/ml
18) T n-Dotriacontane (C32)	18.672	3785101	34.619 ug/ml
19) T n-Tetratriacontane (C34)	19.457	3781319	39.158 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3616469	43.883 ug/ml
21) T n-Octatriacontane (C38)	20.968	3724943	49.845 ug/ml
22) T n-Tetracontane (C40)	21.937	3693685	52.159 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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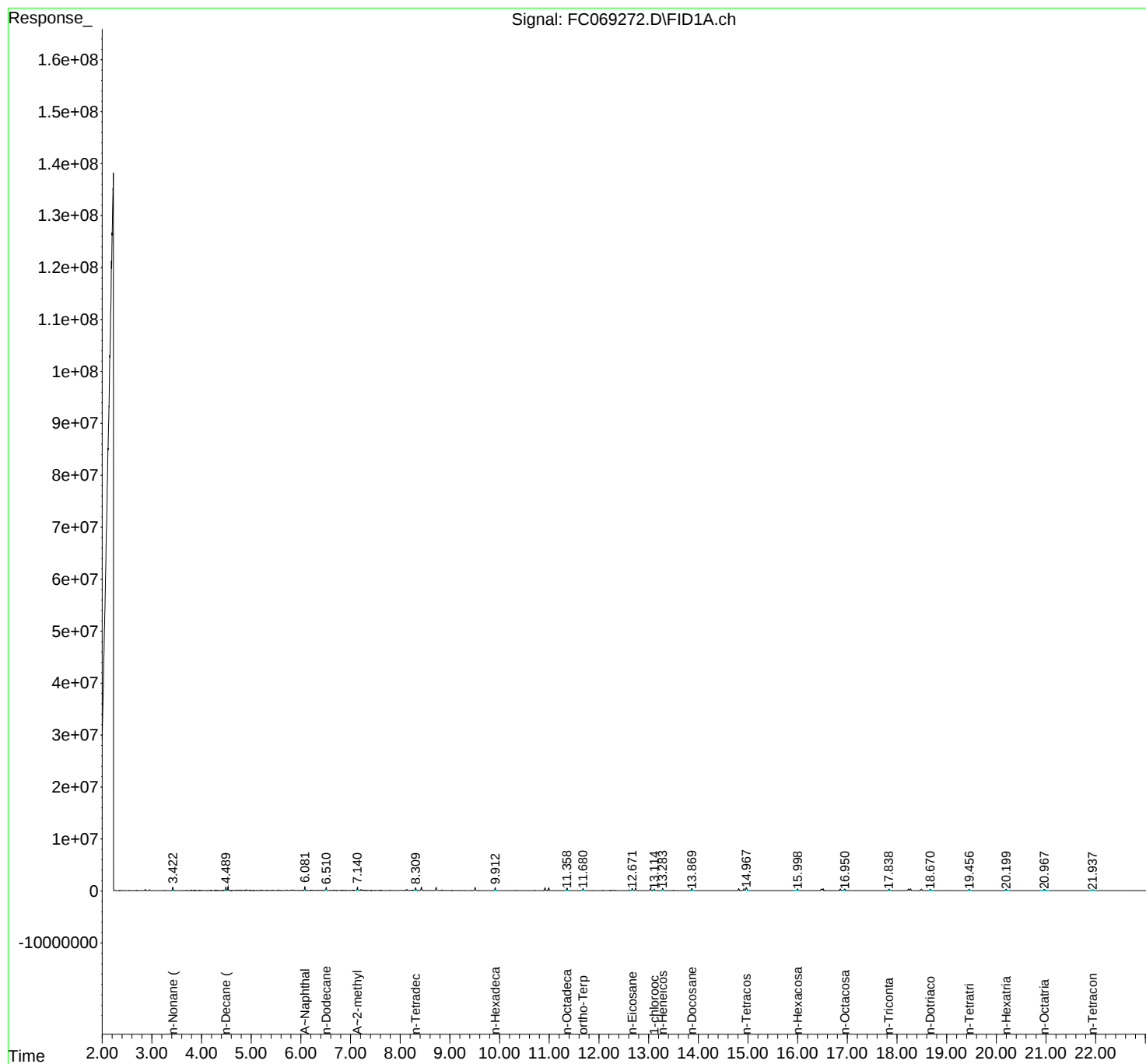
Instrument :
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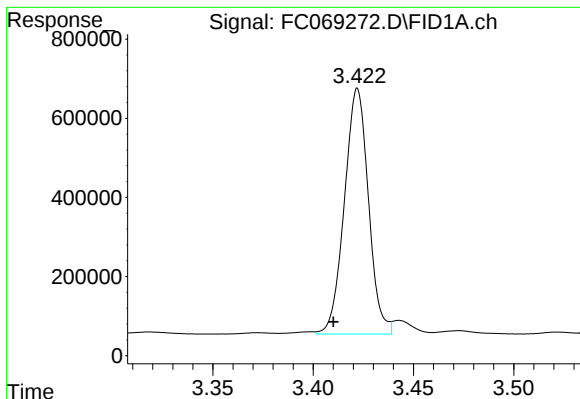
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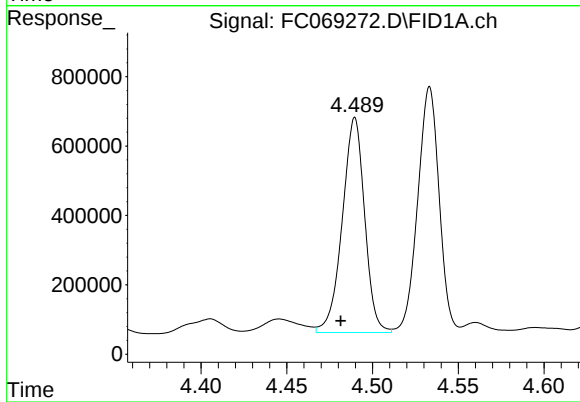
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: 0.012 min
Response: 5181775
Conc: 36.44 ug/ml

Instrument :
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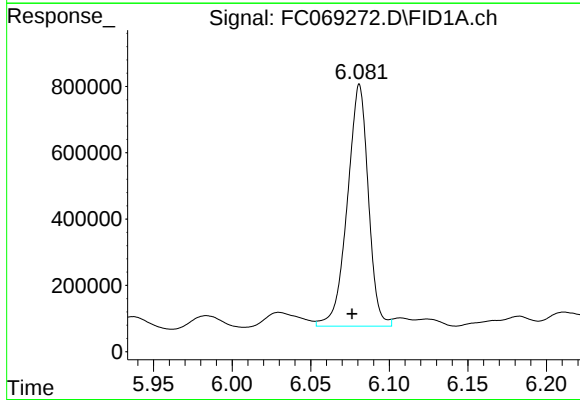
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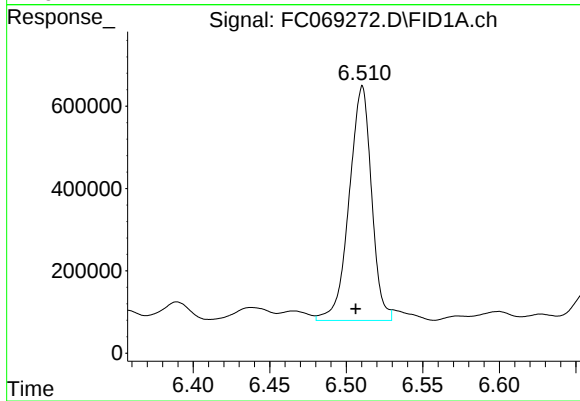
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.008 min
Response: 5633862
Conc: 38.48 ug/ml m



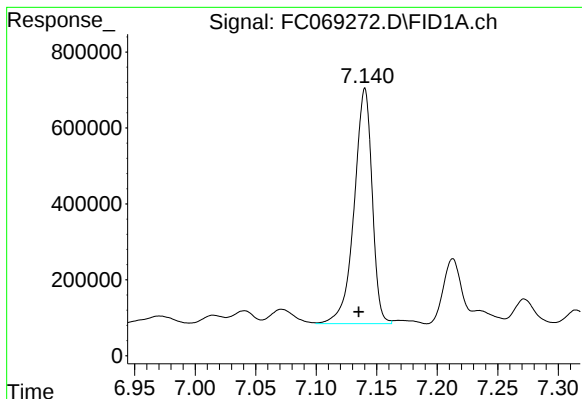
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 6777479
Conc: 42.12 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: 0.004 min
Response: 5793128
Conc: 38.26 ug/ml m



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

R.T.: 7.140 min
Delta R.T.: 0.005 min
Response: 6392161
Conc: 40.39 ug/ml

Instrument :

FID_C

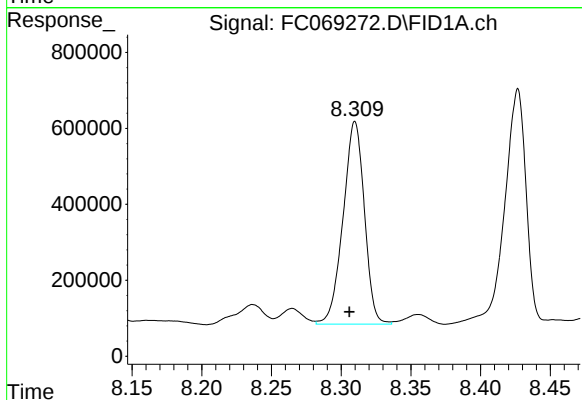
ClientSampleId :

GCAP1MSD

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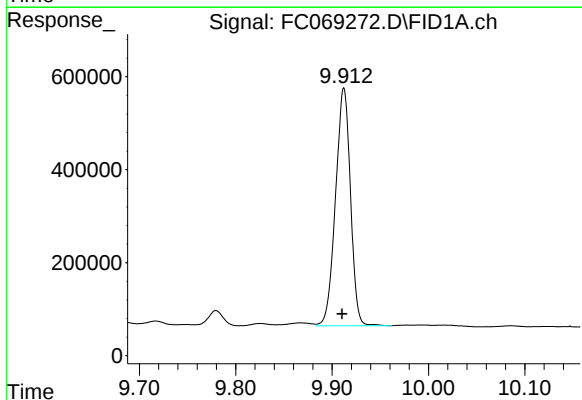
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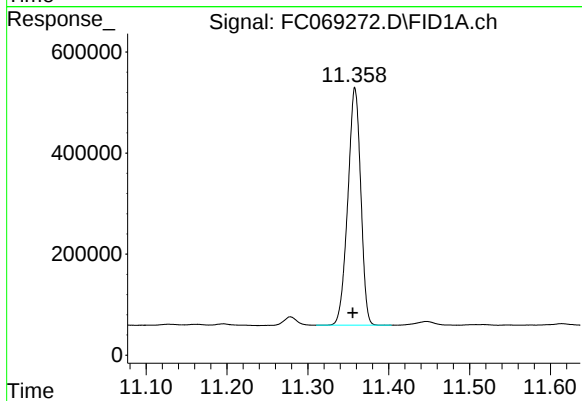
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.004 min
Response: 5677398
Conc: 36.63 ug/ml m



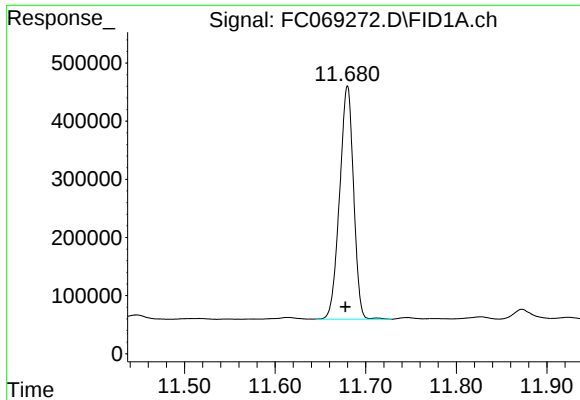
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.002 min
Response: 5508776
Conc: 33.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 5226782
Conc: 32.01 ug/ml



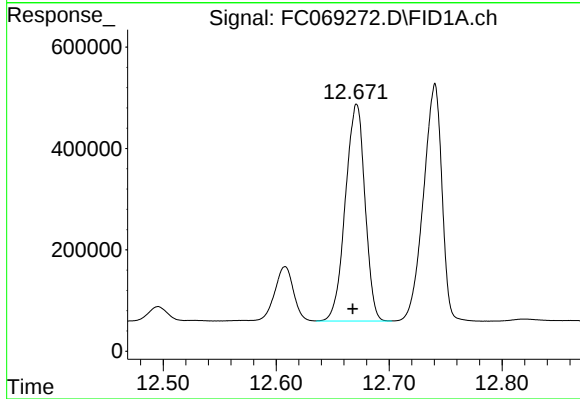
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 4302738
Conc: 24.91 ug/ml

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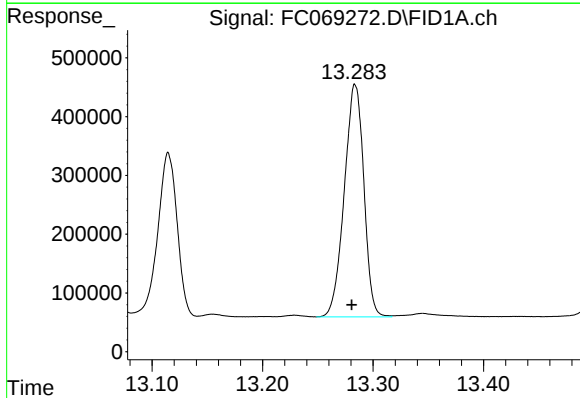
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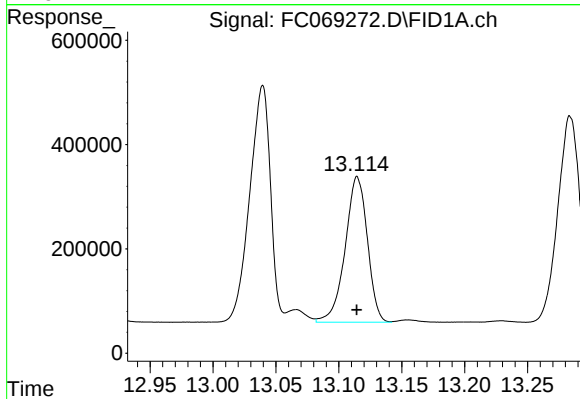
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 5164018
Conc: 33.83 ug/ml



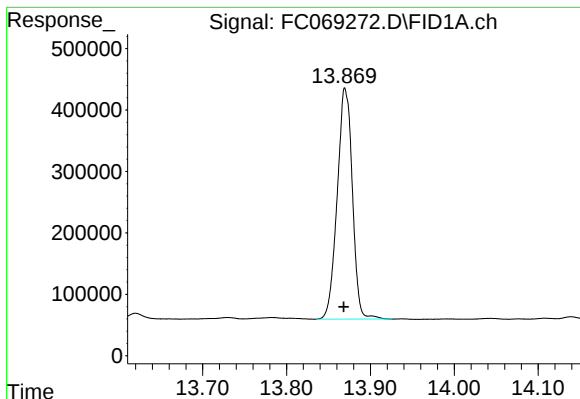
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.003 min
Response: 4862028
Conc: 32.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 3439876
Conc: 26.33 ug/ml



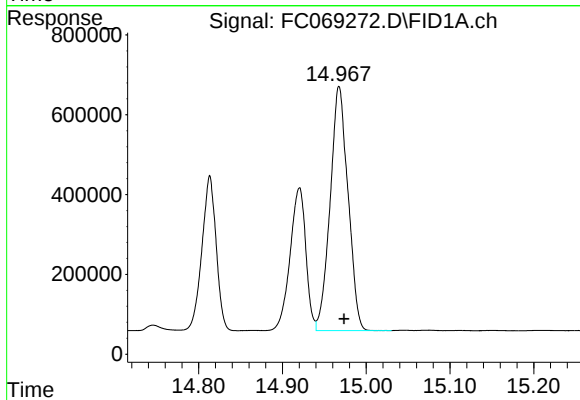
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 4737844
Conc: 32.93 ug/ml

Instrument :
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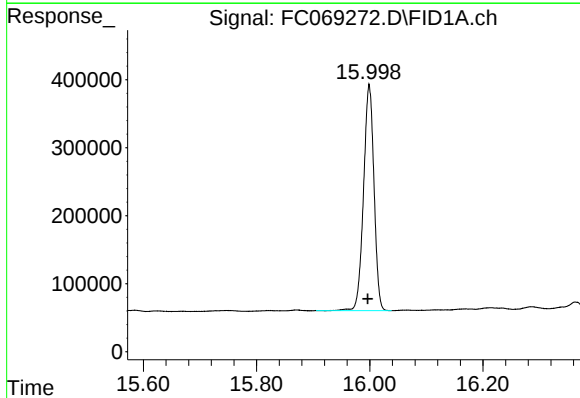
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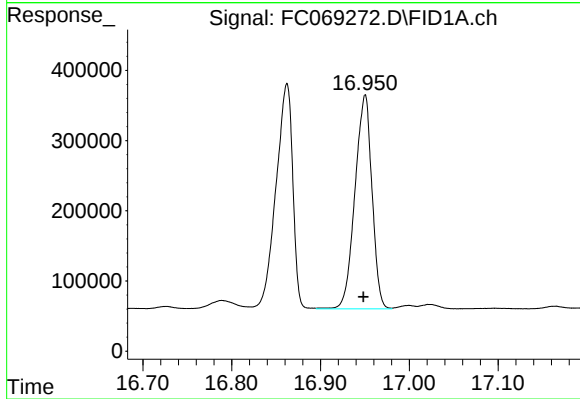
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.006 min
Response: 9068396
Conc: 65.75 ug/ml



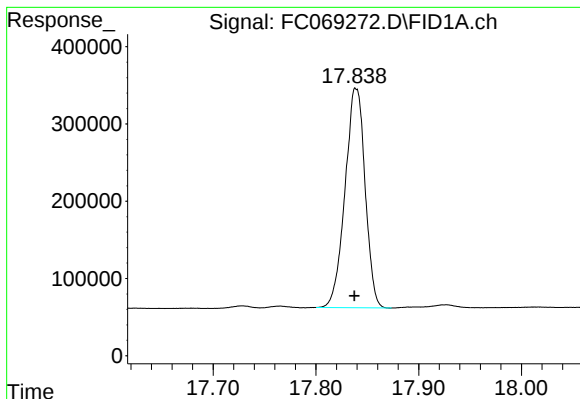
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: 0.002 min
Response: 4263978
Conc: 32.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: 0.001 min
Response: 4051199
Conc: 32.85 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: 0.002 min
Response: 3848973
Conc: 32.38 ug/ml

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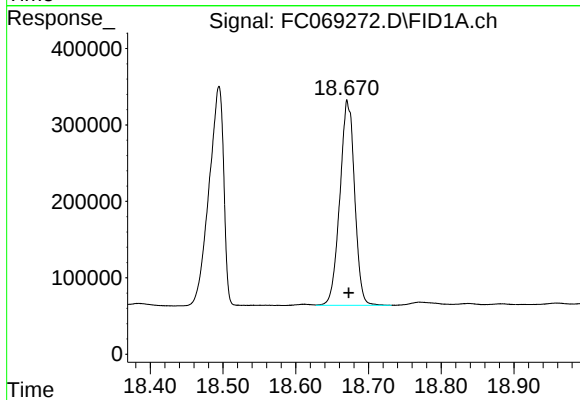
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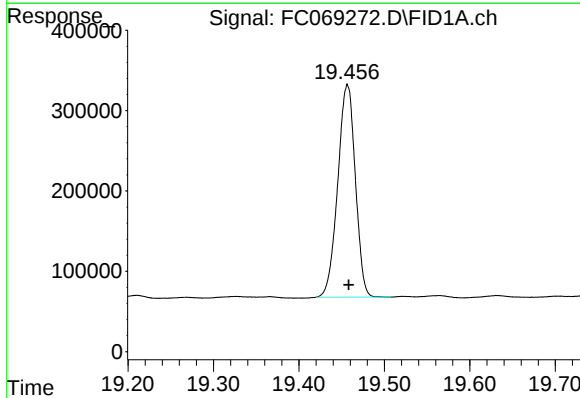
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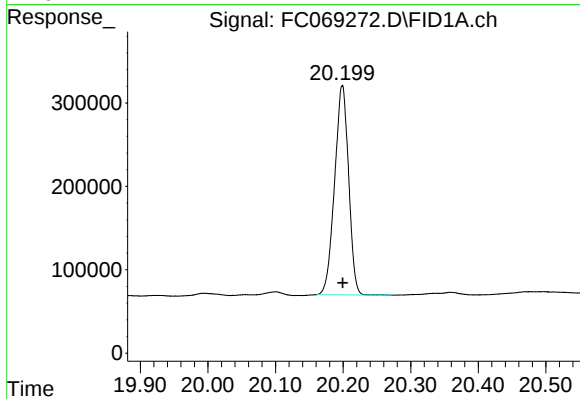
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.001 min
Response: 3785101
Conc: 34.62 ug/ml



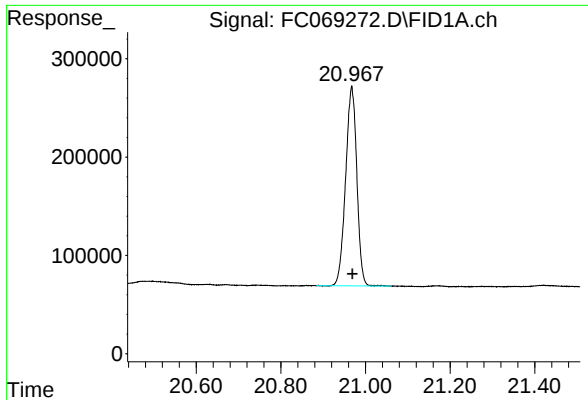
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.002 min
Response: 3781319
Conc: 39.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.199 min
Delta R.T.: 0.000 min
Response: 3616469
Conc: 43.88 ug/ml



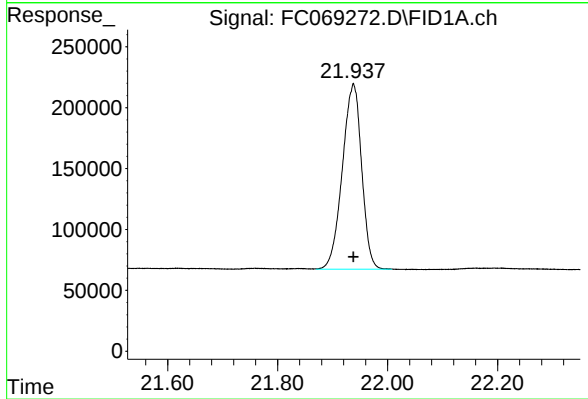
#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: -0.001 min
Response: 3724943
Conc: 49.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: 0.000 min
Response: 3693685
Conc: 52.16 ug/ml m