

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071025AL\
 Data File : FC069415.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 14:05
 Operator : YP/AJ
 Sample : PB168768BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168768BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 11 01:15:27 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)	11.673	4796388	27.764 ug/ml
Spiked Amount 50.000		Recovery =	55.53%
12) S 1-chlorooctadecane (S...	13.109	3767178	28.836 ug/ml
Spiked Amount 50.000		Recovery =	57.67%
Target Compounds			
1) T n-Nonane (C9)	3.407	3122769	21.958 ug/ml
2) T n-Decane (C10)	4.478	3469065	23.697 ug/ml
3) T A~Naphthalene (C11.7)	6.070	4701207	29.219 ug/ml
4) T n-Dodecane (C12)	6.501	4097371	27.059 ug/ml
5) T A~2-methylnaphthalene...	7.131	4918367	31.080 ug/ml
6) T n-Tetradecane (C14)	8.302	5049450	32.576 ug/ml
7) T n-Hexadecane (C16)	9.906	5444691	33.318 ug/ml
8) T n-Octadecane (C18)	11.351	5351671	32.778 ug/ml
10) T n-Eicosane (C20)	12.664	5326023	34.893 ug/ml
11) T n-Heneicosane (C21)	13.277	5028013	34.113 ug/ml
13) T n-Docosane (C22)	13.864	4895755	34.026 ug/ml
14) T n-Tetracosane (C24)	14.960	9498057	68.861 ug/ml
15) T n-Hexacosane (C26)	15.991	4440002	33.965 ug/ml
16) T n-Octacosane (C28)	16.942	4231392	34.310 ug/ml
17) T n-Tricontane (C30)	17.833	4111224	34.582 ug/ml
18) T n-Dotriacontane (C32)	18.665	4004660	36.627 ug/ml
19) T n-Tetratriacontane (C34)	19.450	4140958	42.882 ug/ml
20) T n-Hexatriacontane (C36)	20.191	3969628	48.168 ug/ml
21) T n-Octatriacontane (C38)	20.957	4022116	53.822 ug/ml
22) T n-Tetracontane (C40)	21.926	3956840	55.875 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168768BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

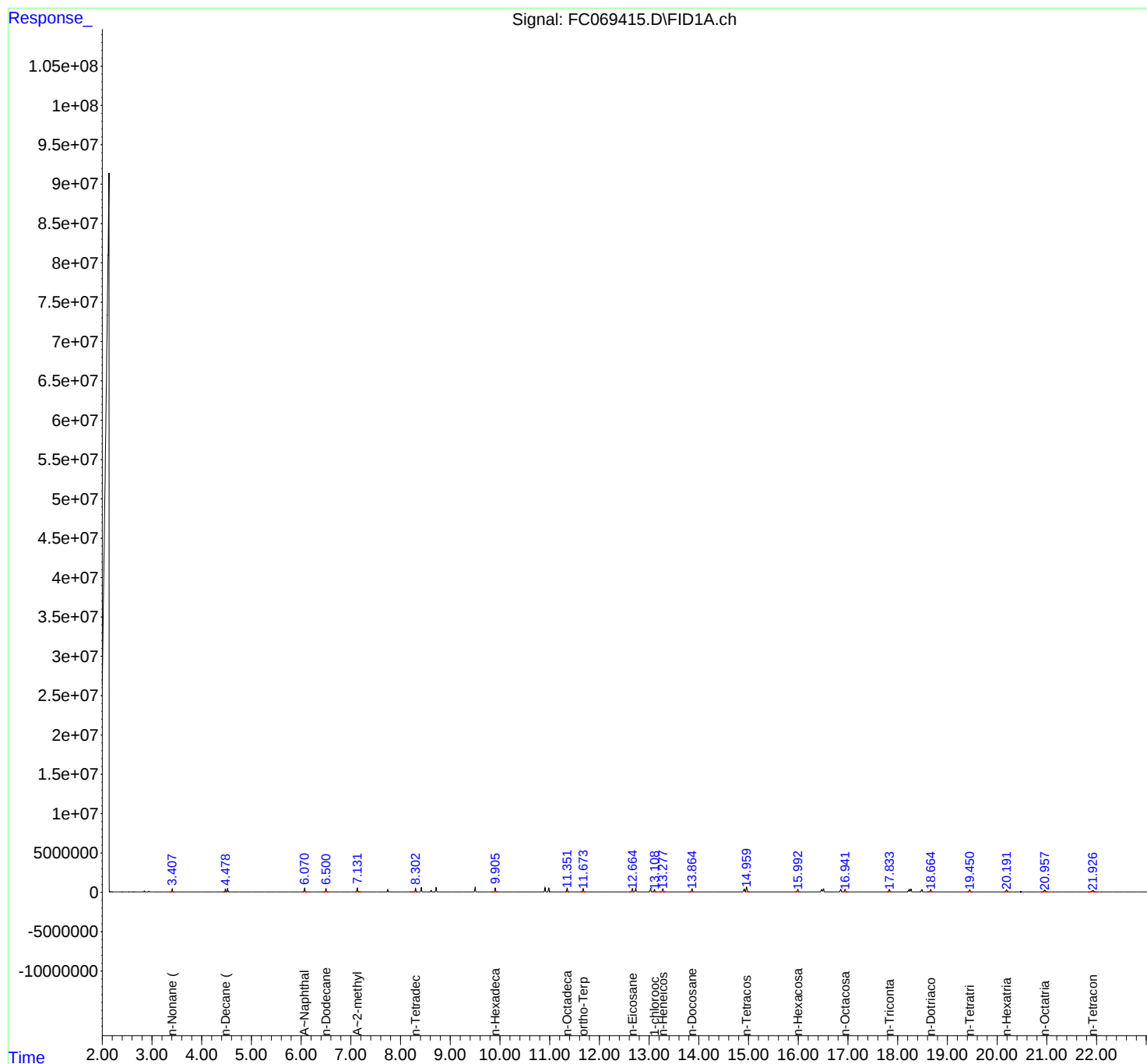
Instrument :
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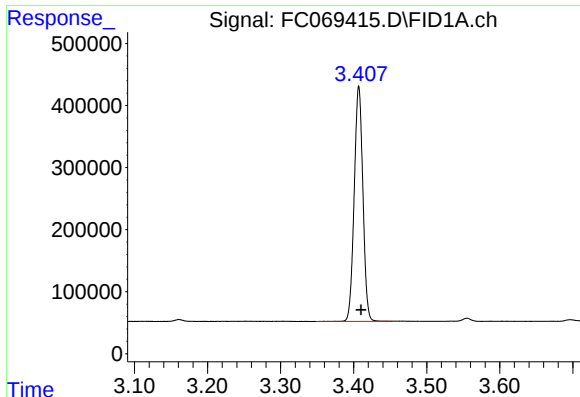
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#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: -0.003 min
Response: 3122769
Conc: 21.96 ug/ml

Instrument :

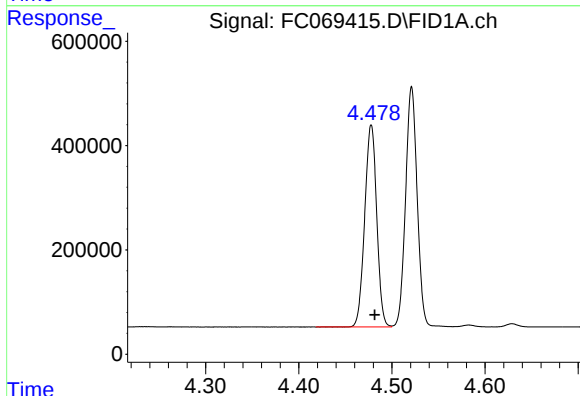
FID_C

ClientSampleId :

PB168768BSD

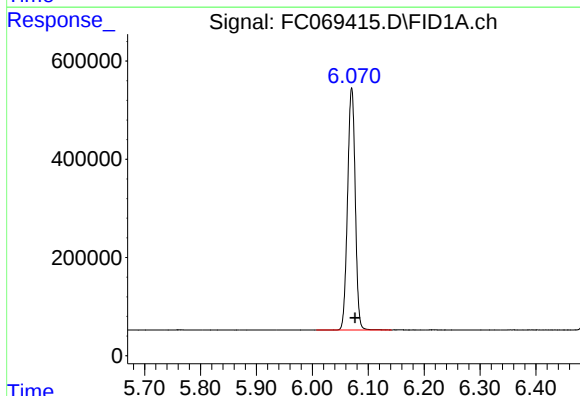
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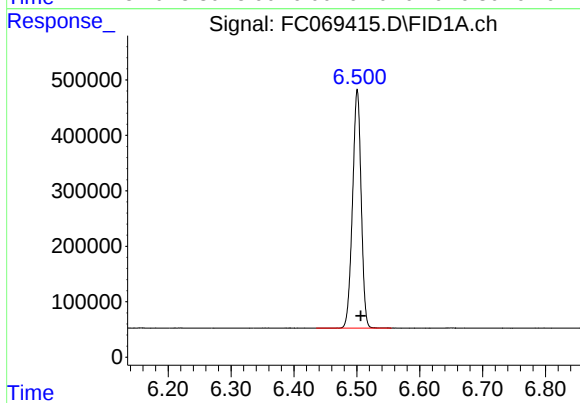
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.004 min
Response: 3469065
Conc: 23.70 ug/ml



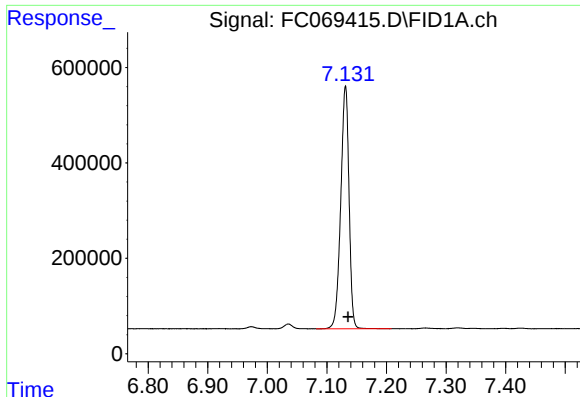
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 4701207
Conc: 29.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 4097371
Conc: 27.06 ug/ml



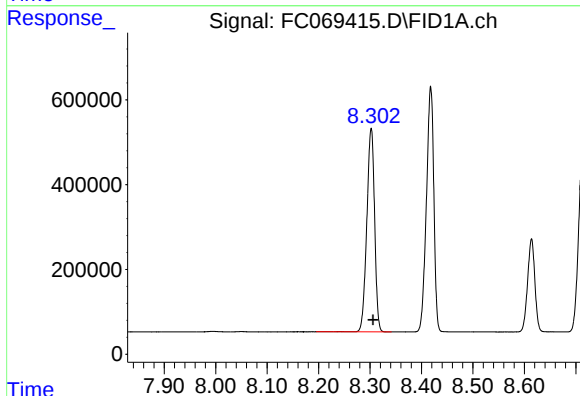
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 4918367
Conc: 31.08 ug/ml

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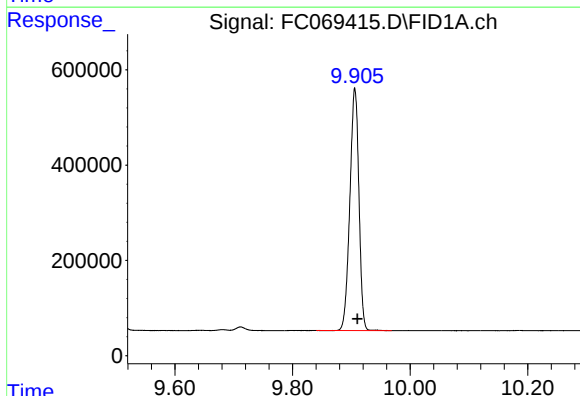
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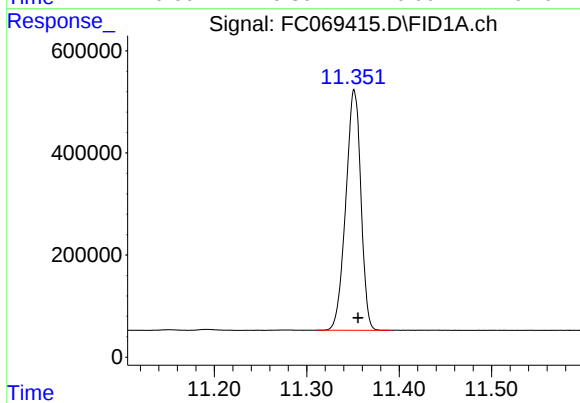
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 5049450
Conc: 32.58 ug/ml



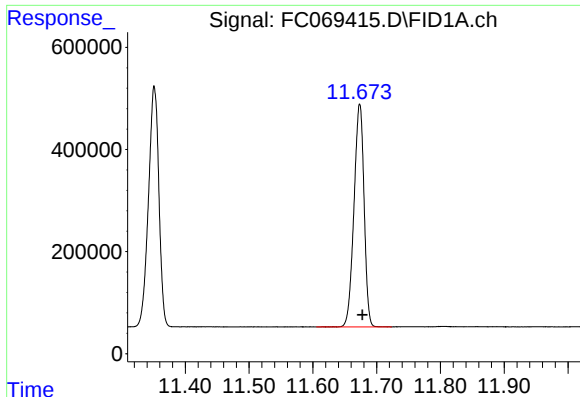
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: -0.005 min
Response: 5444691
Conc: 33.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.004 min
Response: 5351671
Conc: 32.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.004 min
Response: 4796388
Conc: 27.76 ug/ml

Instrument :

FID_C

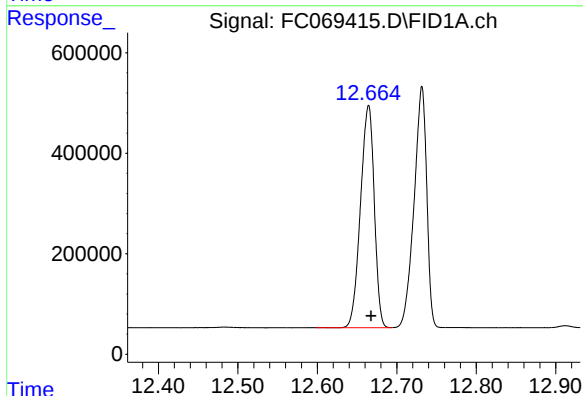
ClientSampleId :

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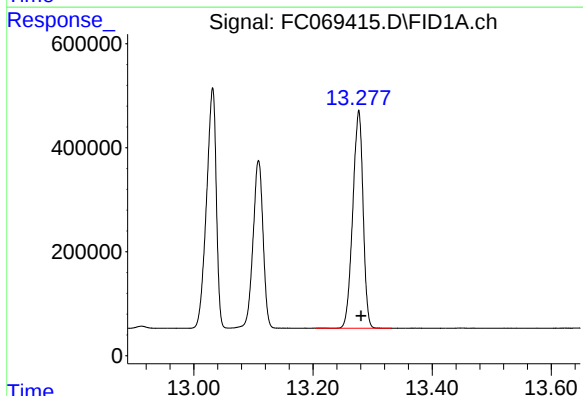
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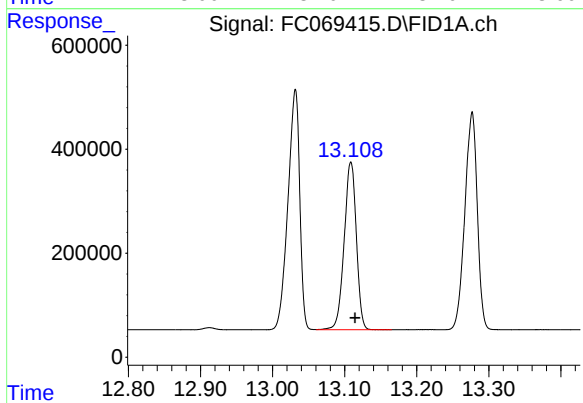
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.004 min
Response: 5326023
Conc: 34.89 ug/ml



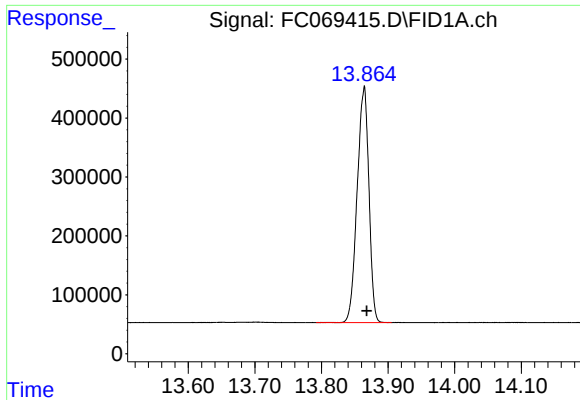
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.004 min
Response: 5028013
Conc: 34.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 3767178
Conc: 28.84 ug/ml



#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.005 min
Response: 4895755
Conc: 34.03 ug/ml

Instrument :

FID_C

ClientSampleId :

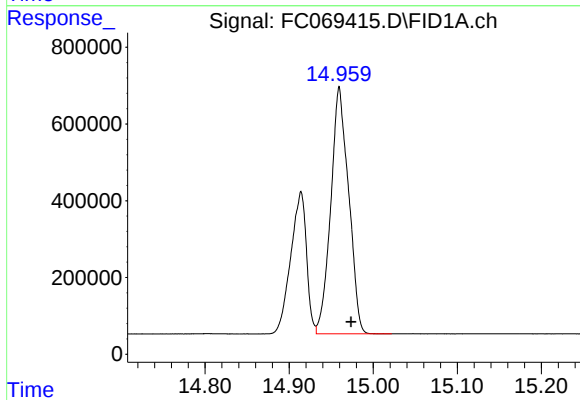
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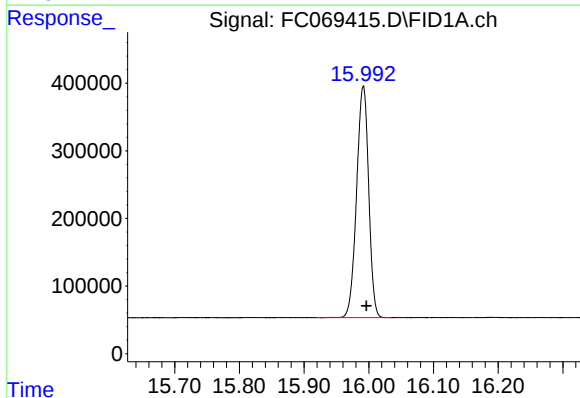
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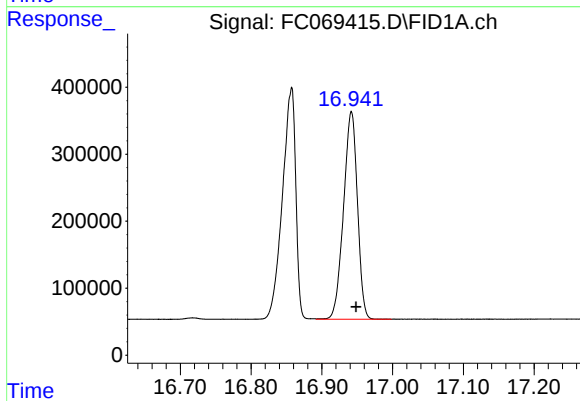
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: -0.014 min
Response: 9498057
Conc: 68.86 ug/ml



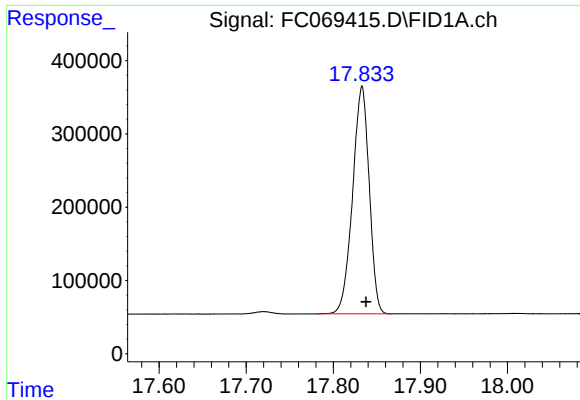
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.005 min
Response: 4440002
Conc: 33.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.942 min
Delta R.T.: -0.007 min
Response: 4231392
Conc: 34.31 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: -0.005 min
Response: 4111224
Conc: 34.58 ug/ml

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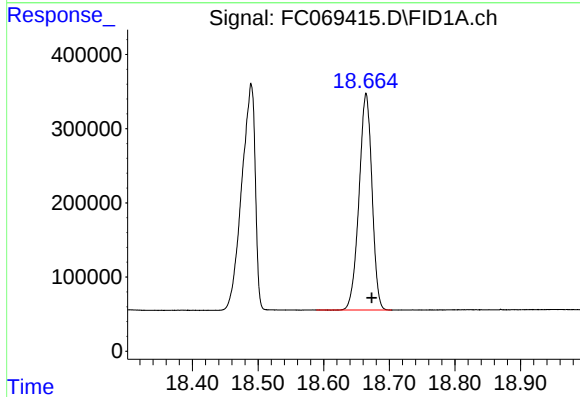
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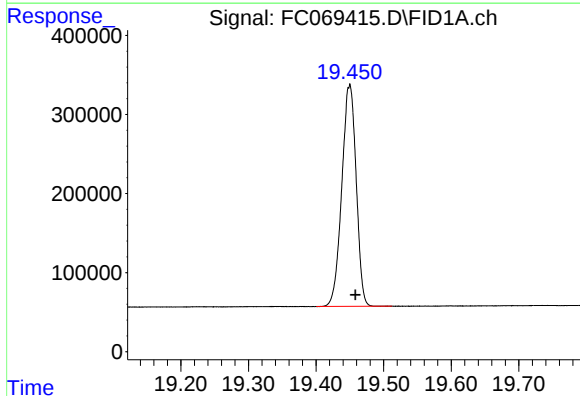
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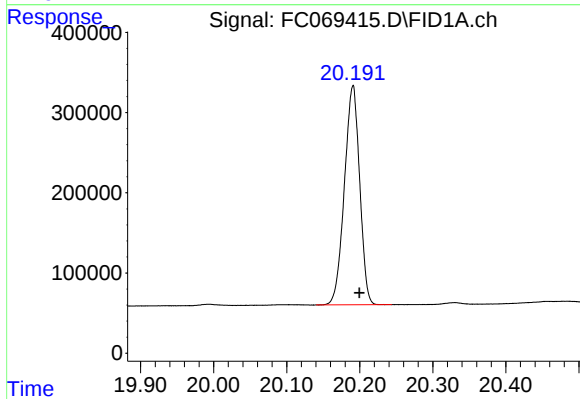
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.008 min
Response: 4004660
Conc: 36.63 ug/ml



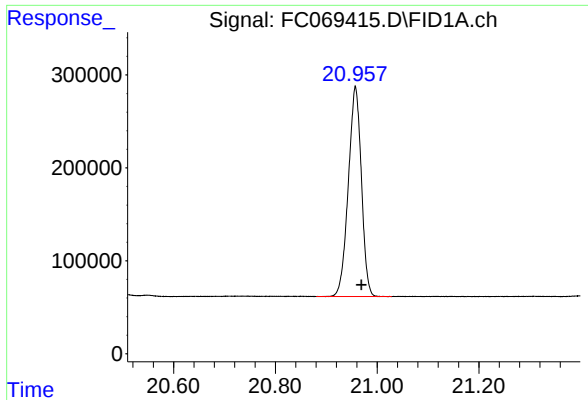
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: -0.009 min
Response: 4140958
Conc: 42.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.191 min
Delta R.T.: -0.009 min
Response: 3969628
Conc: 48.17 ug/ml



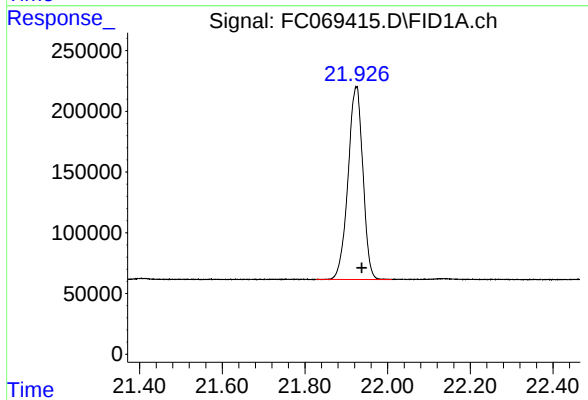
#21 n-Octatriacontane (C38)

R.T.: 20.957 min
Delta R.T.: -0.011 min
Response: 4022116
Conc: 53.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.926 min
Delta R.T.: -0.011 min
Response: 3956840
Conc: 55.87 ug/ml m