

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
 Data File : FC069536.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2025 16:28
 Operator : YP/AJ
 Sample : Q2689-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-07232025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File: autoint1.e
 Quant Time: Jul 25 22:57:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.675	4023181	27.110 ug/ml
Spiked Amount 50.000		Recovery =	54.22%
12) S 1-chlorooctadecane (S...	13.111	3414228	30.212 ug/ml
Spiked Amount 50.000		Recovery =	60.42%
Target Compounds			
1) T n-Nonane (C9)	3.404	3575631	26.276 ug/ml
2) T n-Decane (C10)	4.477	4030091	28.956 ug/ml
3) T A~Naphthalene (C11.7)	6.073	4695494	31.074 ug/ml
4) T n-Dodecane (C12)	6.503	4380315	30.905 ug/ml
5) T A~2-methylnaphthalene...	7.133	4458607	30.519 ug/ml
6) T n-Tetradecane (C14)	8.304	4555487	32.039 ug/ml
7) T n-Hexadecane (C16)	9.907	4619776	31.650 ug/ml
8) T n-Octadecane (C18)	11.352	4388500	30.508 ug/ml
10) T n-Eicosane (C20)	12.665	4540082	33.818 ug/ml
11) T n-Heneicosane (C21)	13.278	4216813	32.464 ug/ml
13) T n-Docosane (C22)	13.864	4087582	32.183 ug/mlm
14) T n-Tetracosane (C24)	14.966	8402010	68.839 ug/ml
15) T n-Hexacosane (C26)	15.995	3812891	32.818 ug/ml
16) T n-Octacosane (C28)	16.945	3962027	35.787 ug/ml
17) T n-Tricontane (C30)	17.837	3754492	34.288 ug/ml
18) T n-Dotriacontane (C32)	18.669	3626887	34.951 ug/ml
19) T n-Tetratriacontane (C34)	19.456	3649378	38.729 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3401595	41.182 ug/ml
21) T n-Octatriacontane (C38)	20.967	3546465	46.692 ug/mlm
22) T n-Tetracontane (C40)	21.939	3079990	42.049 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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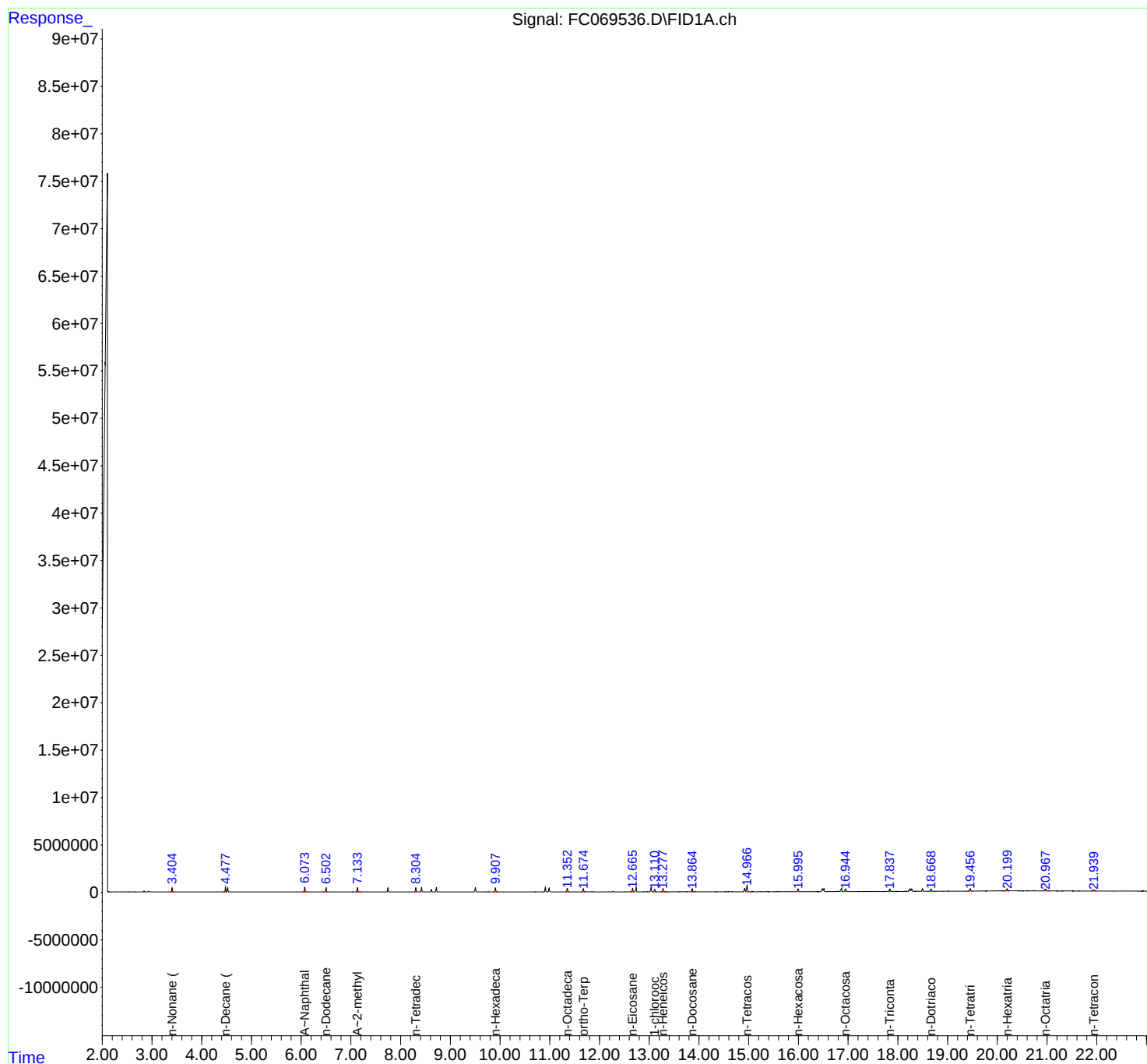
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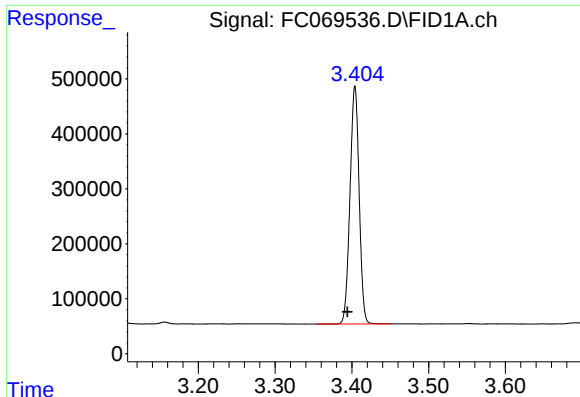
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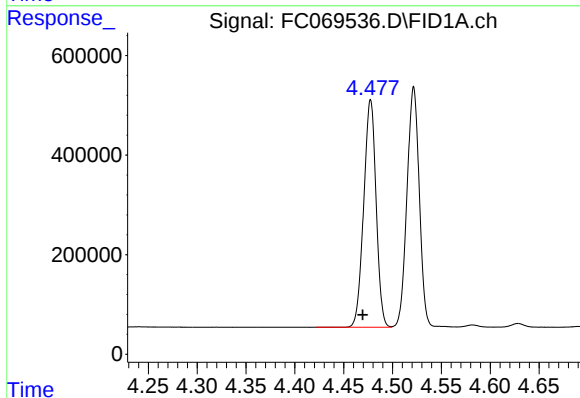
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.010 min
Response: 3575631
Conc: 26.28 ug/ml

Instrument :
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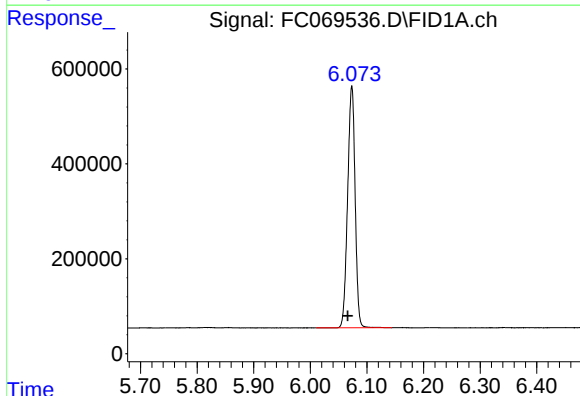
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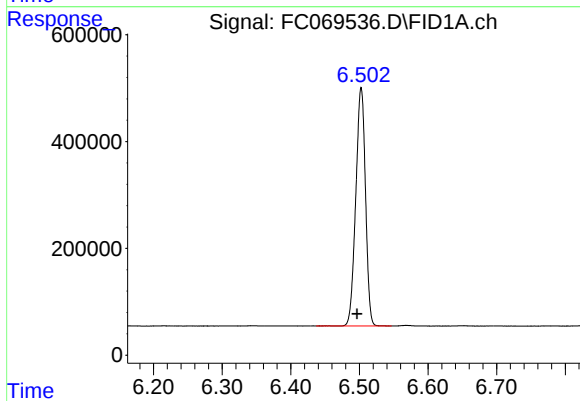
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.008 min
Response: 4030091
Conc: 28.96 ug/ml



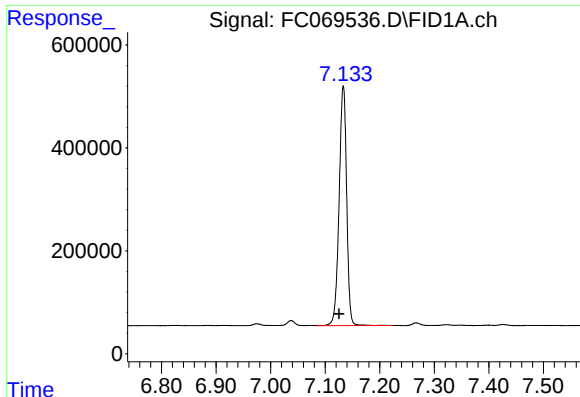
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 4695494
Conc: 31.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: 0.006 min
Response: 4380315
Conc: 30.90 ug/ml



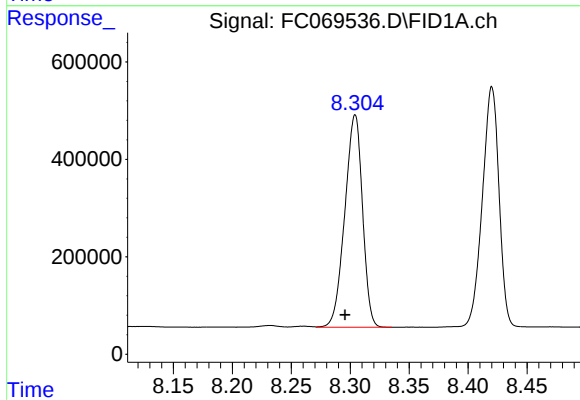
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.008 min
Response: 4458607
Conc: 30.52 ug/ml

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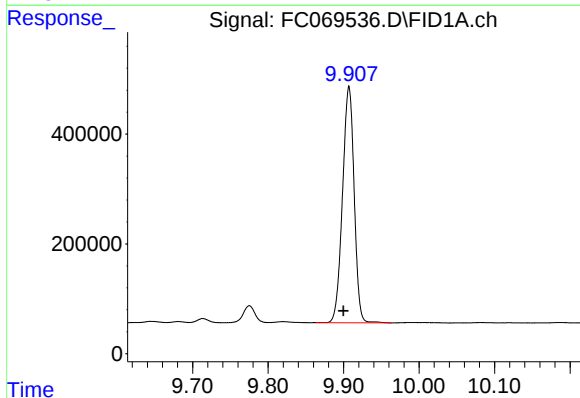
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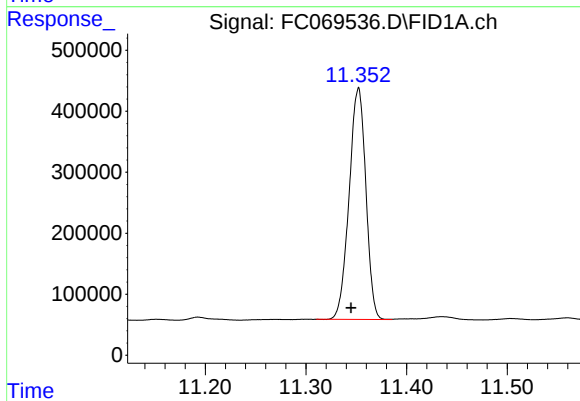
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.008 min
Response: 4555487
Conc: 32.04 ug/ml



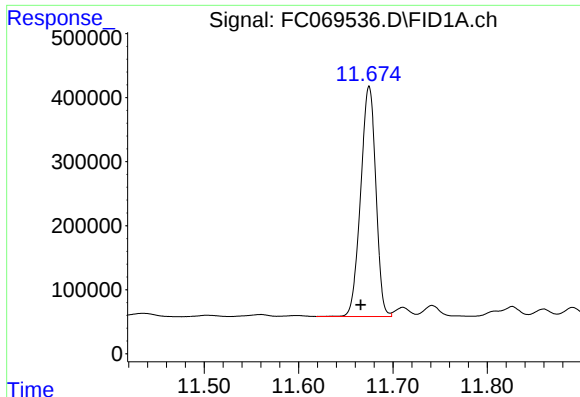
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.007 min
Response: 4619776
Conc: 31.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.007 min
Response: 4388500
Conc: 30.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: 0.009 min
Response: 4023181
Conc: 27.11 ug/ml

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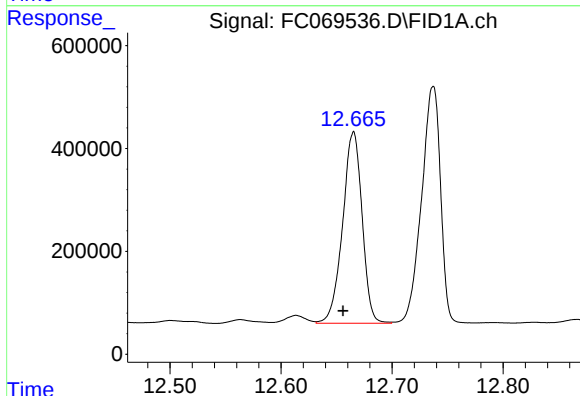
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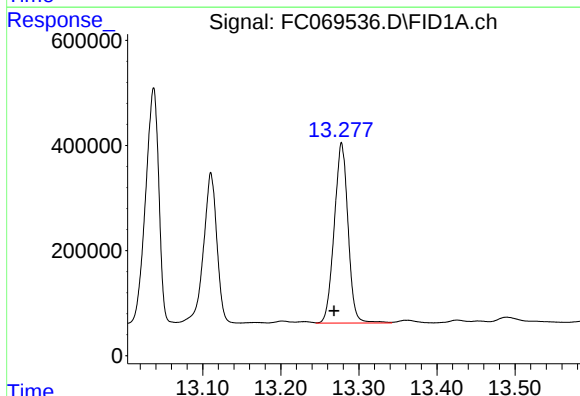
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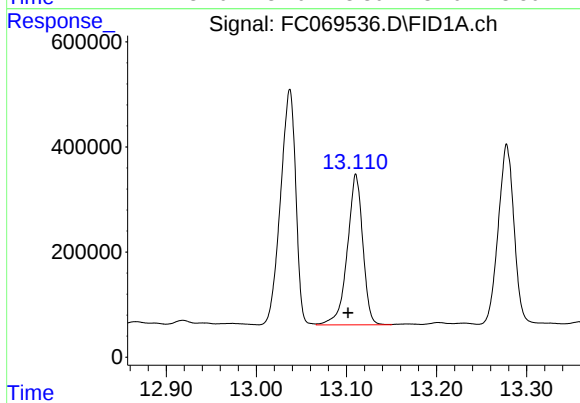
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.009 min
Response: 4540082
Conc: 33.82 ug/ml



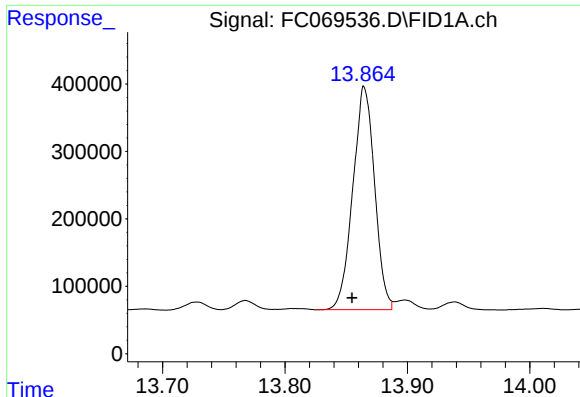
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: 0.010 min
Response: 4216813
Conc: 32.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: 0.009 min
Response: 3414228
Conc: 30.21 ug/ml



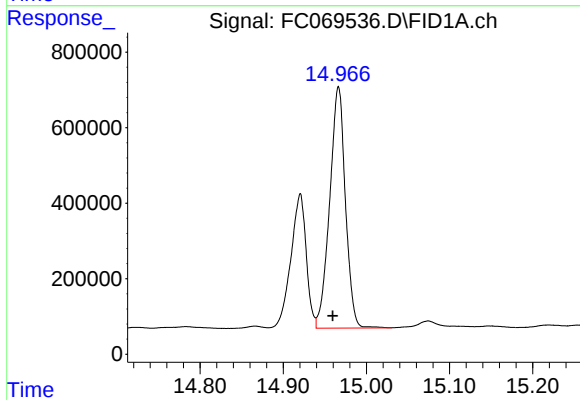
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: 0.009 min
Response: 4087582
Conc: 32.18 ug/ml

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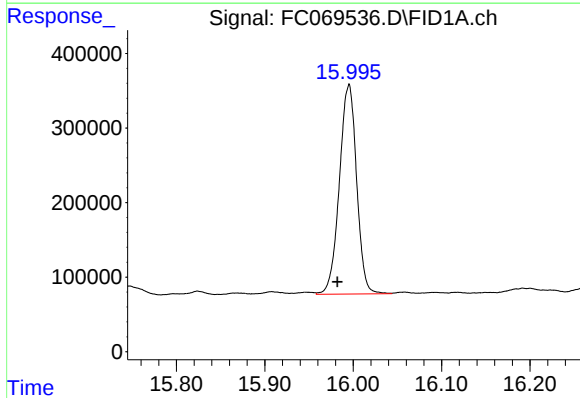
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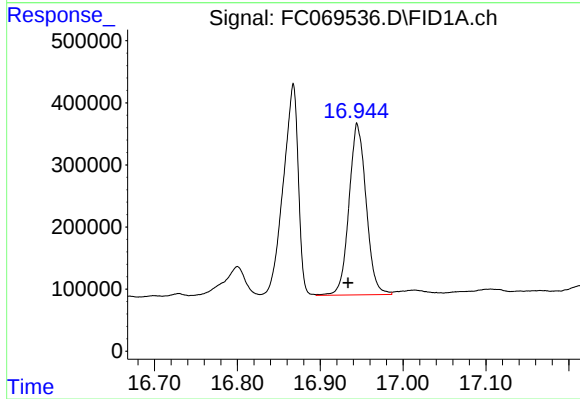
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.007 min
Response: 8402010
Conc: 68.84 ug/ml



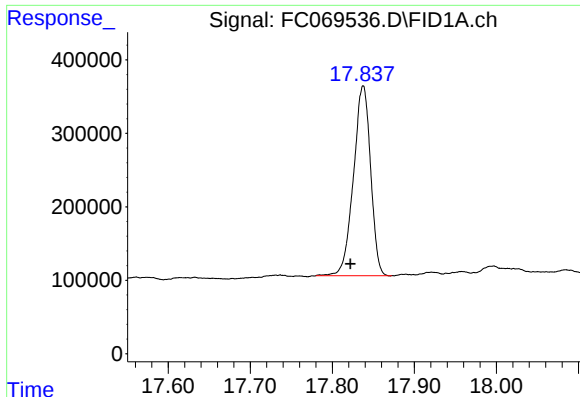
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: 0.013 min
Response: 3812891
Conc: 32.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: 0.011 min
Response: 3962027
Conc: 35.79 ug/ml



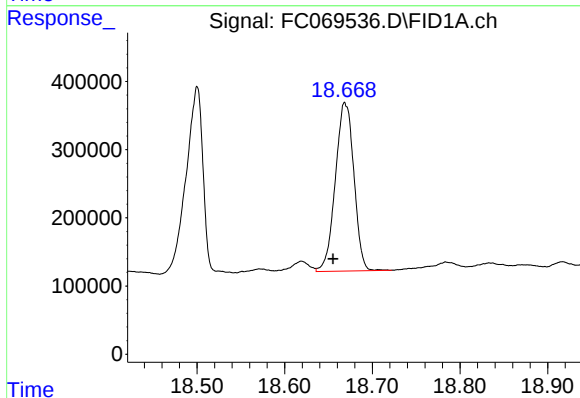
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.015 min
Response: 3754492
Conc: 34.29 ug/ml

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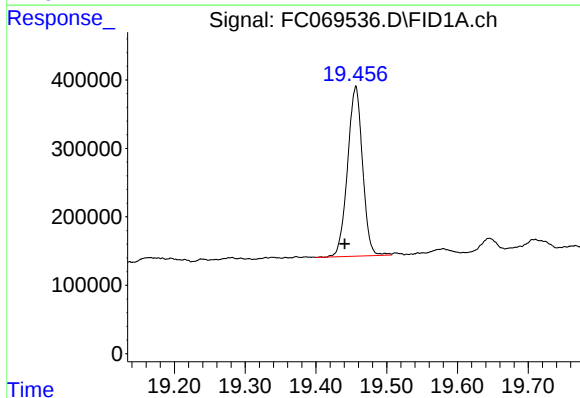
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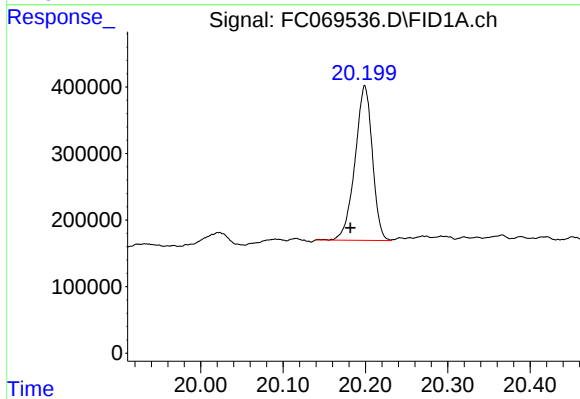
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.014 min
Response: 3626887
Conc: 34.95 ug/ml



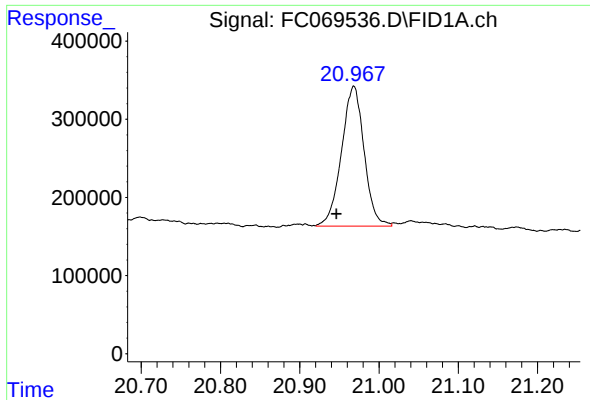
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.015 min
Response: 3649378
Conc: 38.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.199 min
Delta R.T.: 0.017 min
Response: 3401595
Conc: 41.18 ug/ml



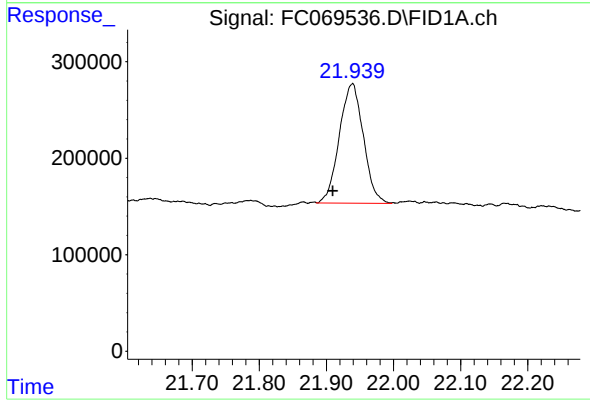
#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.021 min
Response: 3546465
Conc: 46.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.030 min
Response: 3079990
Conc: 42.05 ug/ml m