

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
 Data File : FC069336.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 19:42
 Operator : YP/AJ
 Sample : Q2452-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File: autoint1.e
 Quant Time: Jul 01 05:05:46 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	5544512	32.094 ug/ml
Spiked Amount 50.000		Recovery =	64.19%
12) S 1-chlorooctadecane (S...	13.115	4455489	34.105 ug/ml
Spiked Amount 50.000		Recovery =	68.21%
Target Compounds			
1) T n-Nonane (C9)	3.408	4632136	32.571 ug/ml
2) T n-Decane (C10)	4.482	5306041	36.245 ug/ml
3) T A~Naphthalene (C11.7)	6.077	6763233	42.035 ug/ml
4) T n-Dodecane (C12)	6.507	5935407	39.197 ug/ml
5) T A~2-methylnaphthalene...	7.137	6687685	42.260 ug/ml
6) T n-Tetradecane (C14)	8.309	6508575	41.989 ug/ml
7) T n-Hexadecane (C16)	9.912	7193594	44.020 ug/ml
8) T n-Octadecane (C18)	11.358	7358677	45.070 ug/ml
10) T n-Eicosane (C20)	12.671	7451159	48.815 ug/ml
11) T n-Heneicosane (C21)	13.283	7034419	47.726 ug/ml
13) T n-Docosane (C22)	13.871	6882867	47.837 ug/ml
14) T n-Tetracosane (C24)	14.971	13547056	98.216 ug/ml
15) T n-Hexacosane (C26)	15.999	6279214	48.034 ug/ml
16) T n-Octacosane (C28)	16.949	5971392	48.419 ug/ml
17) T n-Tricontane (C30)	17.841	5801658	48.801 ug/ml
18) T n-Dotriacontane (C32)	18.673	5633451	51.524 ug/ml
19) T n-Tetratriacontane (C34)	19.458	5781552	59.871 ug/ml
20) T n-Hexatriacontane (C36)	20.198	5517574	66.951 ug/ml
21) T n-Octatriacontane (C38)	20.967	5574078	74.589 ug/ml
22) T n-Tetracontane (C40)	21.936	5489998	77.525 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
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ALS Vial : 16 Sample Multiplier: 1

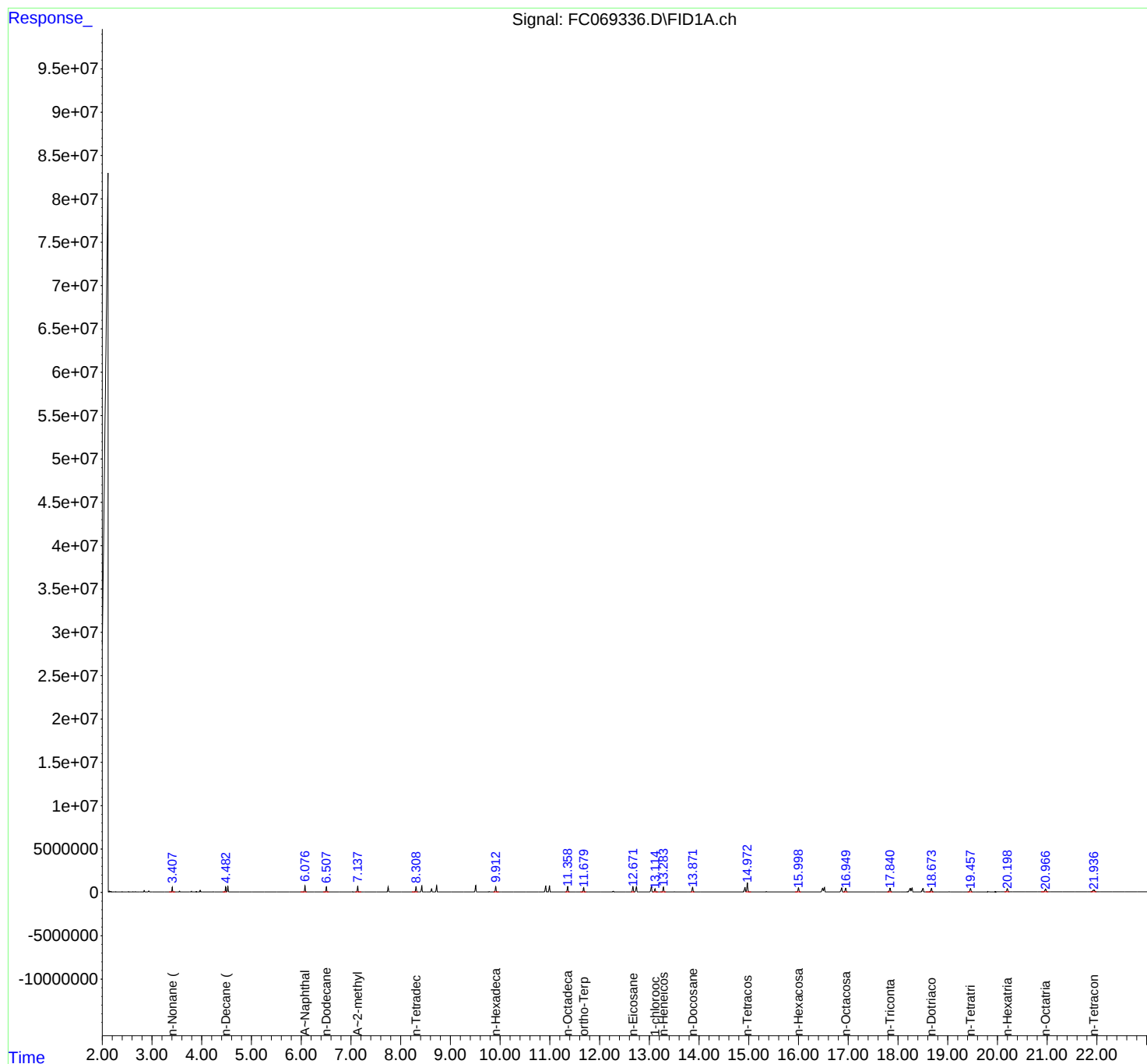
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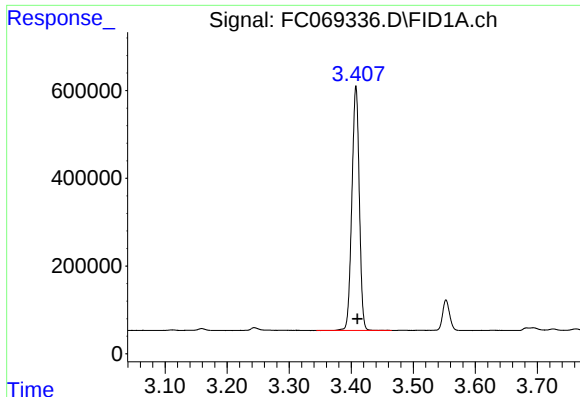
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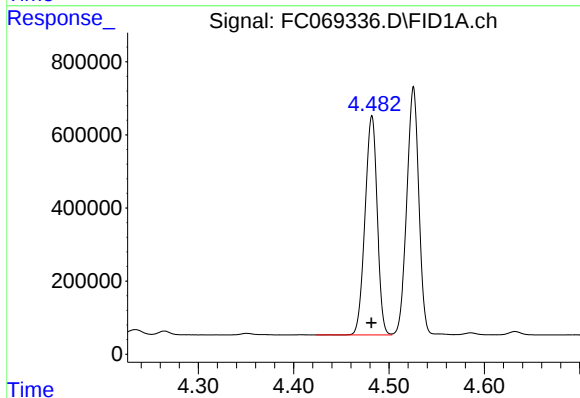
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.002 min
Response: 4632136
Conc: 32.57 ug/ml

Instrument :
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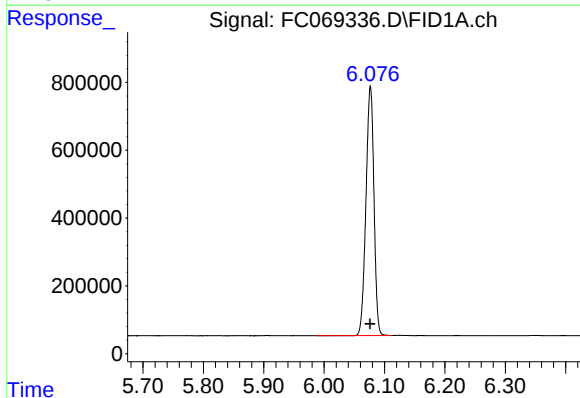
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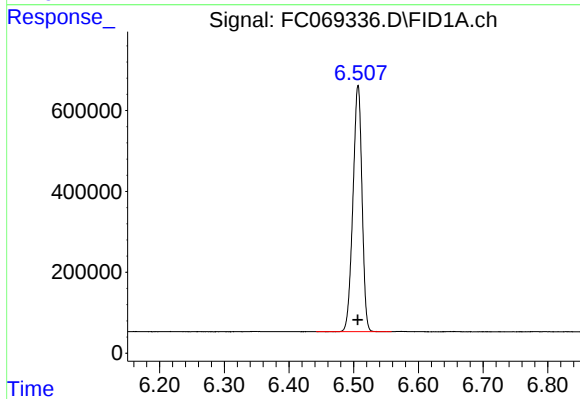
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 5306041
Conc: 36.24 ug/ml



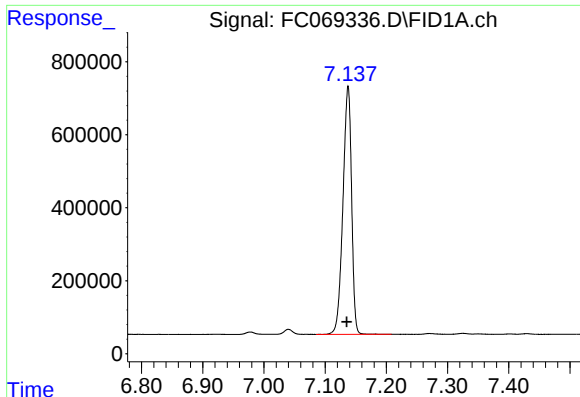
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6763233
Conc: 42.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 5935407
Conc: 39.20 ug/ml



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

R.T.: 7.137 min
Delta R.T.: 0.002 min
Response: 6687685
Conc: 42.26 ug/ml

Instrument :

FID_C

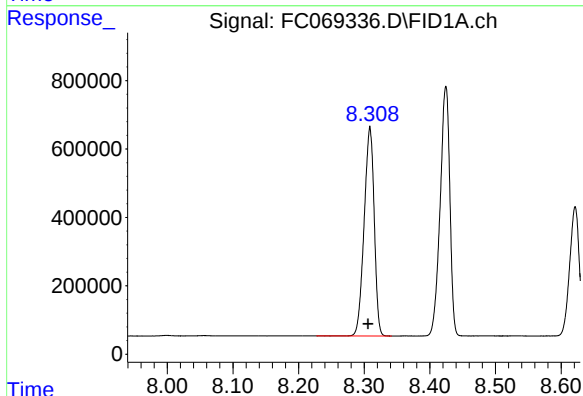
ClientSampleId :

TP-5MS

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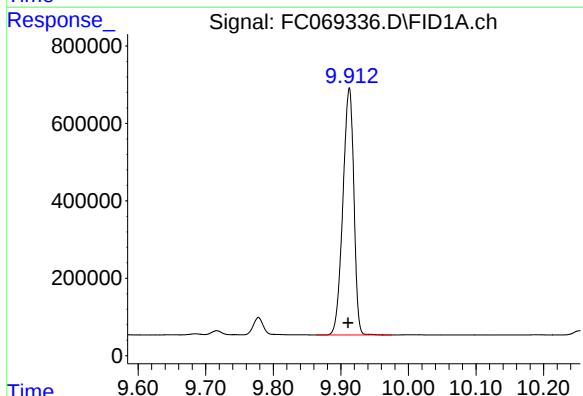
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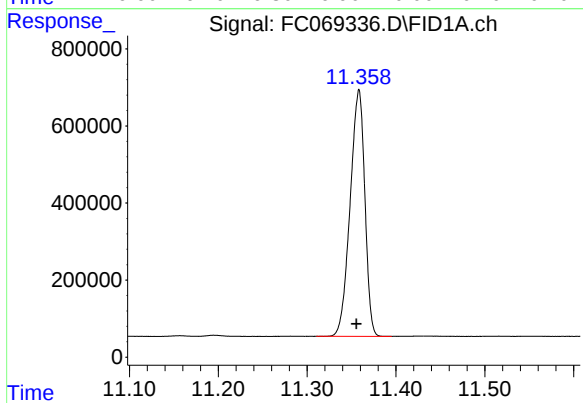
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 6508575
Conc: 41.99 ug/ml



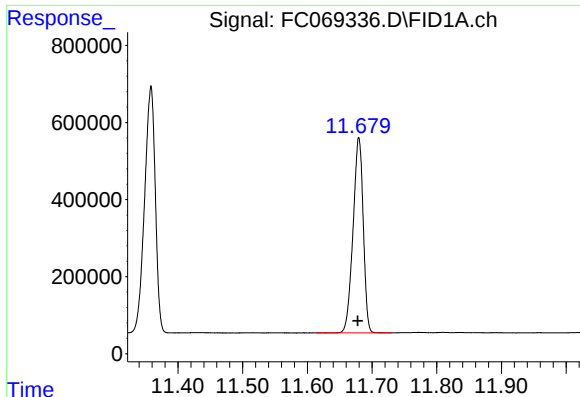
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.002 min
Response: 7193594
Conc: 44.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 7358677
Conc: 45.07 ug/ml



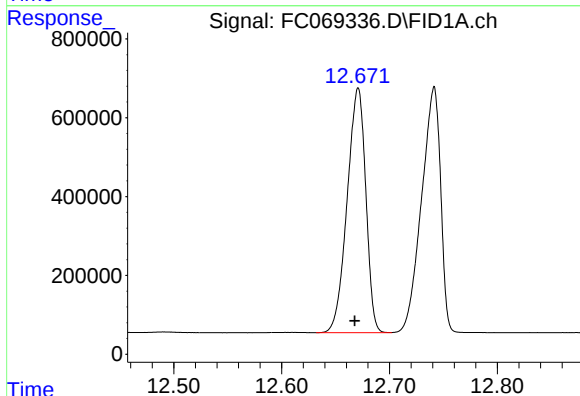
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 5544512
Conc: 32.09 ug/ml

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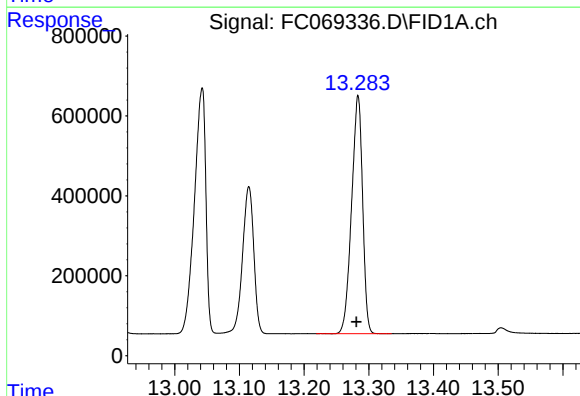
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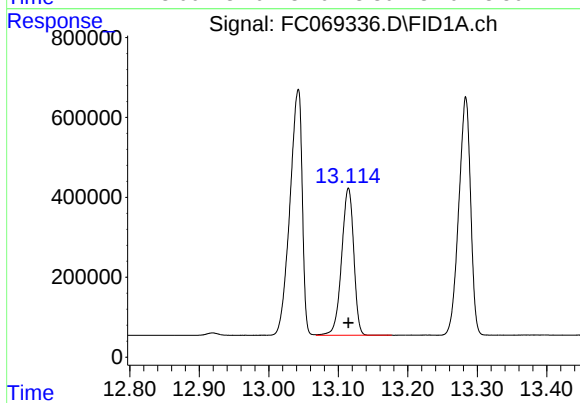
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 7451159
Conc: 48.82 ug/ml



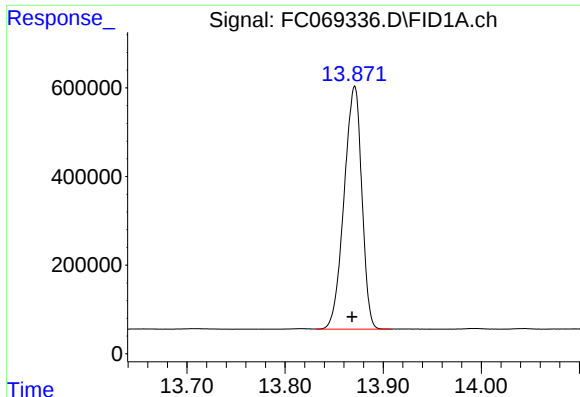
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.003 min
Response: 7034419
Conc: 47.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 4455489
Conc: 34.10 ug/ml



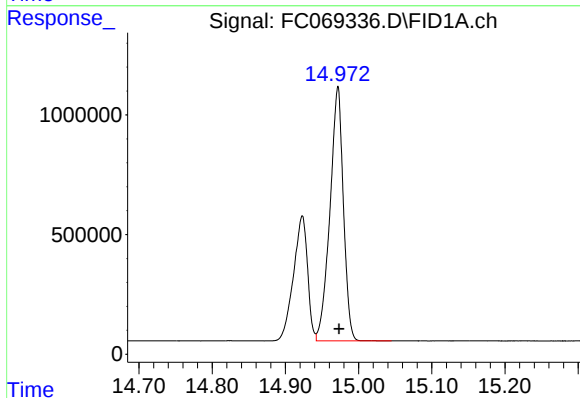
#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: 0.002 min
Response: 6882867
Conc: 47.84 ug/ml

Instrument :
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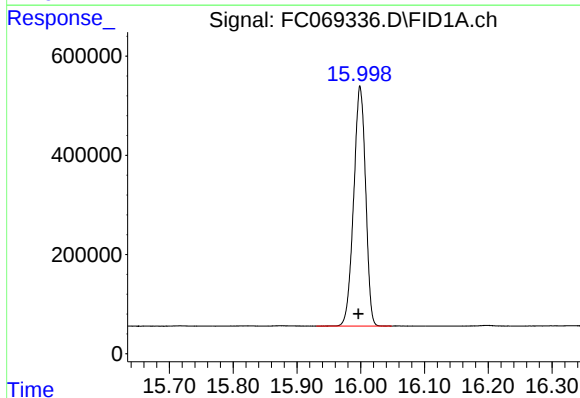
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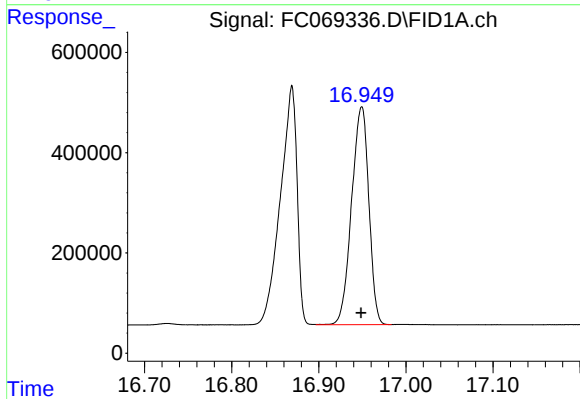
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.002 min
Response: 13547056
Conc: 98.22 ug/ml



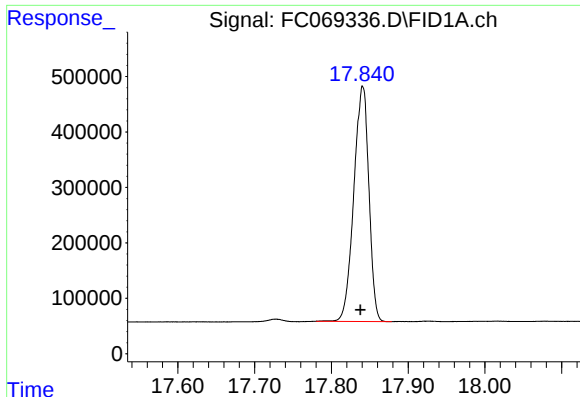
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: 0.003 min
Response: 6279214
Conc: 48.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 5971392
Conc: 48.42 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: 0.003 min
Response: 5801658
Conc: 48.80 ug/ml

Instrument :

FID_C

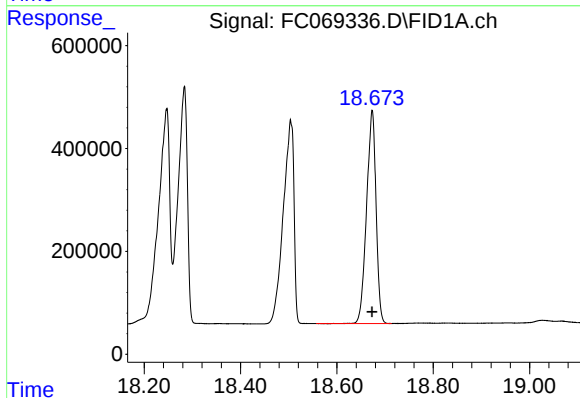
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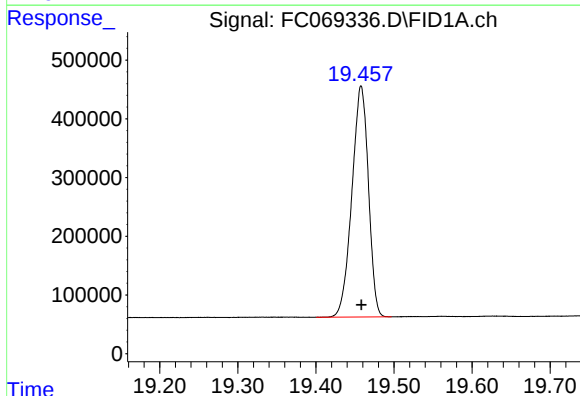
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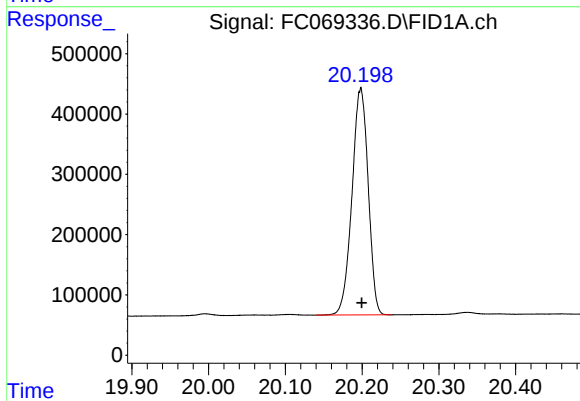
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.000 min
Response: 5633451
Conc: 51.52 ug/ml



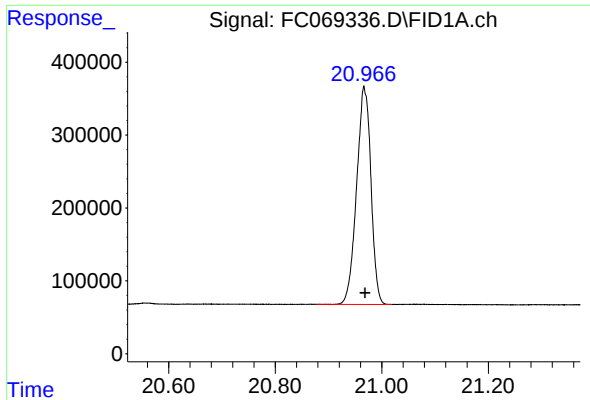
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: 0.000 min
Response: 5781552
Conc: 59.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.198 min
Delta R.T.: -0.001 min
Response: 5517574
Conc: 66.95 ug/ml



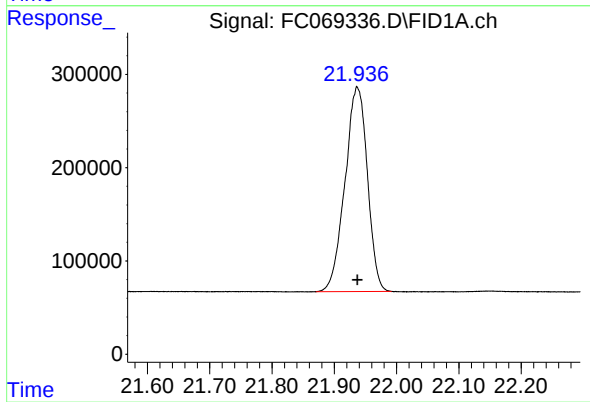
#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: -0.001 min
Response: 5574078
Conc: 74.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.002 min
Response: 5489998
Conc: 77.52 ug/ml m