

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010722AL\
 Data File : FE034668.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jan 2022 19:13
 Operator : AJ\MA
 Sample : N1049-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 7211979MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 07 22:50:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.095	4630323	33.470 ug/ml
Spiked Amount 50.000		Recovery =	66.94%
12) S 1-chlorooctadecane (S...	12.527	4176324	39.665 ug/ml
Spiked Amount 50.000		Recovery =	79.33%
Target Compounds			
1) T n-Nonane (C9)	2.939	4454127	38.202 ug/ml
2) T n-Decane (C10)	3.969	5080097	42.967 ug/ml
3) T A~Naphthalene (C11.7)	5.529	6019939	45.626 ug/ml
4) T n-Dodecane (C12)	5.963	5312164	44.625 ug/ml
5) T A~2-methylnaphthalene...	6.577	5927258	44.504 ug/ml
6) T n-Tetradecane (C14)	7.752	5885015	48.475 ug/ml
7) T n-Hexadecane (C16)	9.346	6356207	52.183 ug/ml
8) T n-Octadecane (C18)	10.784	6557835	52.592 ug/ml
10) T n-Eicosane (C20)	12.089	6539017	53.021 ug/ml
11) T n-Heneicosane (C21)	12.697	6532471	52.483 ug/ml
13) T n-Docosane (C22)	13.280	6633019	53.800 ug/ml
14) T n-Tetracosane (C24)	14.380	6421182	52.182 ug/ml
15) T n-Hexacosane (C26)	15.398	6242816	52.392 ug/ml
16) T n-Octacosane (C28)	16.342	6013384	52.011 ug/ml
17) T n-Tricontane (C30)	17.227	5618674	51.471 ug/ml
18) T n-Dotriacontane (C32)	18.054	5476772	57.123 ug/ml
19) T n-Tetratriacontane (C34)	18.833	5066509	61.095 ug/mlm
20) T n-Hexatriacontane (C36)	19.570	3831858	56.113 ug/ml
21) T n-Octatriacontane (C38)	20.278	3768062	65.371 ug/mlm
22) T n-Tetracontane (C40)	21.117	3747265	74.952 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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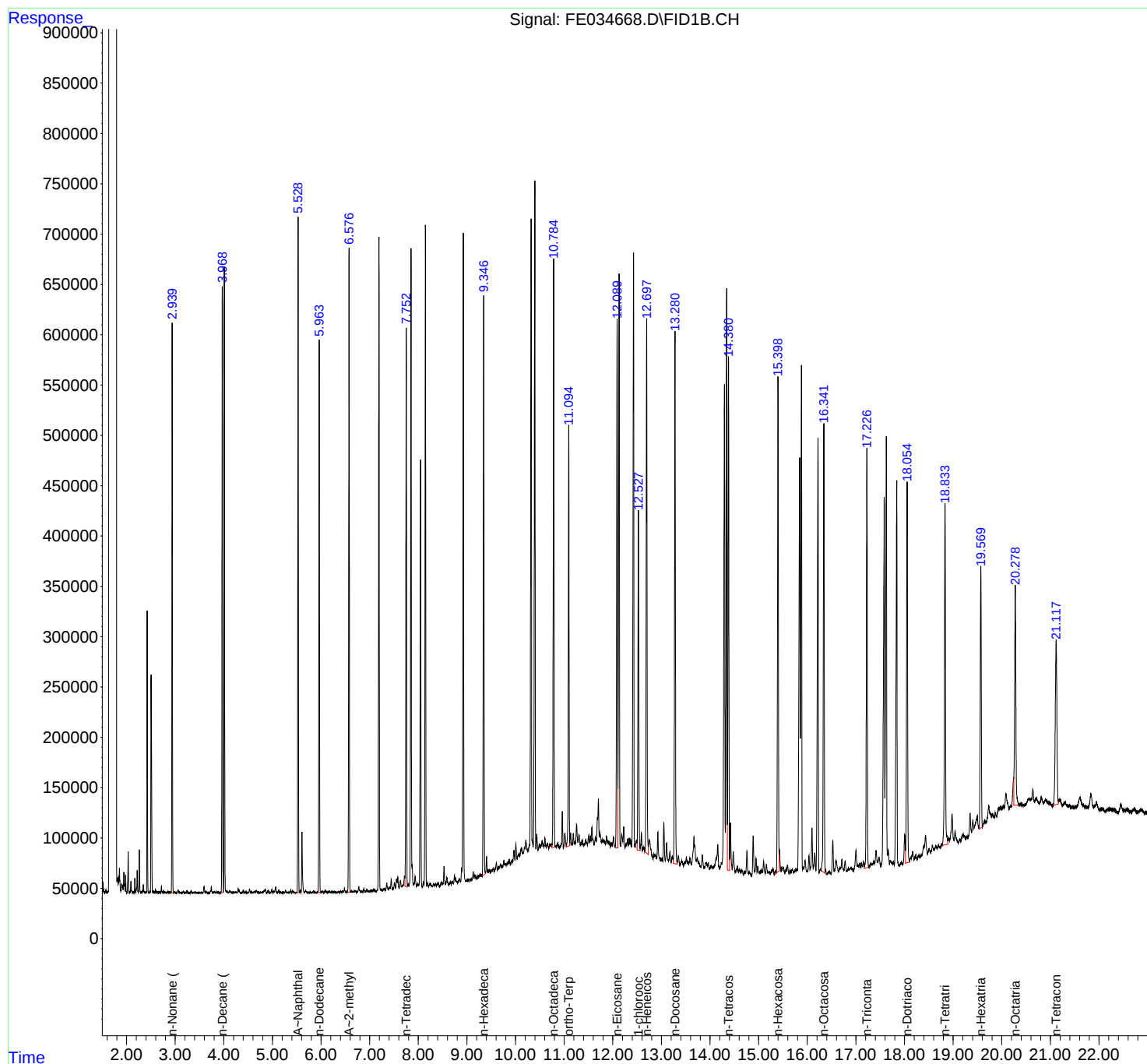
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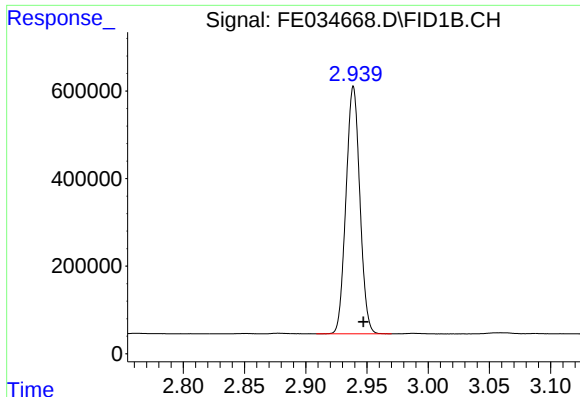
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#1 n-Nonane (C9)

R.T.: 2.939 min
Delta R.T.: -0.008 min
Response: 4454127
Conc: 38.20 ug/ml

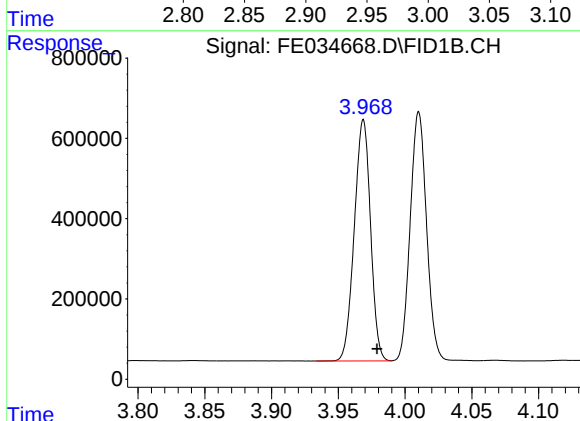
Instrument :

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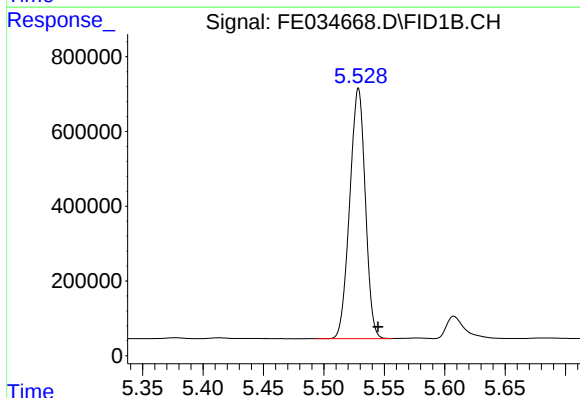
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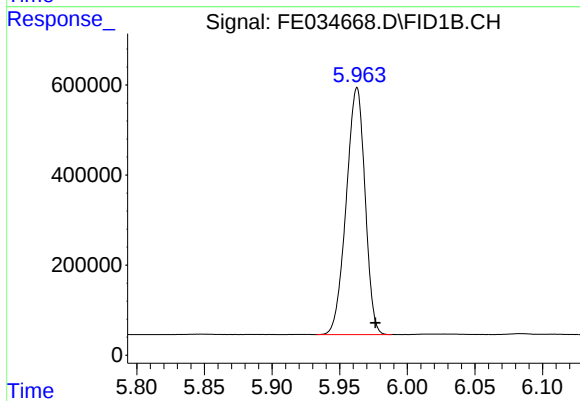
#2 n-Decane (C10)

R.T.: 3.969 min
Delta R.T.: -0.010 min
Response: 5080097
Conc: 42.97 ug/ml



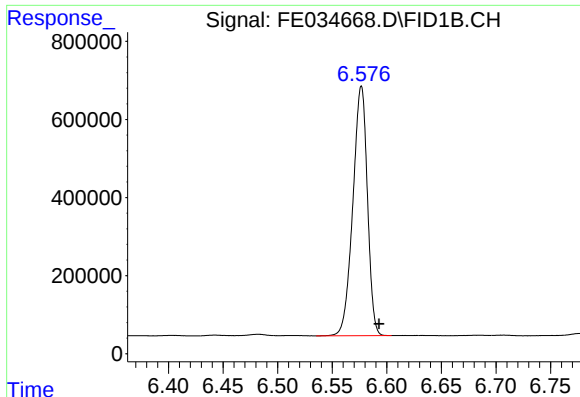
#3 A~Naphthalene (C11.7)

R.T.: 5.529 min
Delta R.T.: -0.016 min
Response: 6019939
Conc: 45.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.963 min
Delta R.T.: -0.014 min
Response: 5312164
Conc: 44.63 ug/ml



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

R.T.: 6.577 min
Delta R.T.: -0.016 min
Response: 5927258
Conc: 44.50 ug/ml

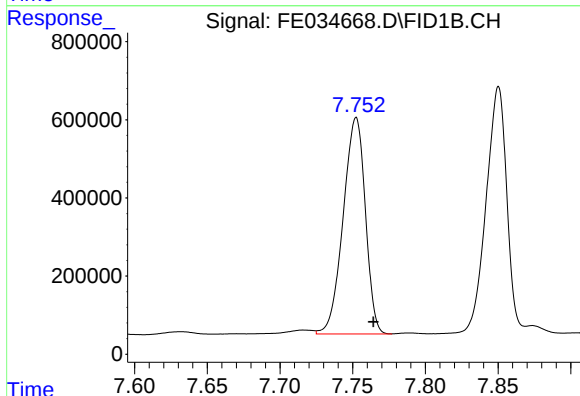
Instrument :

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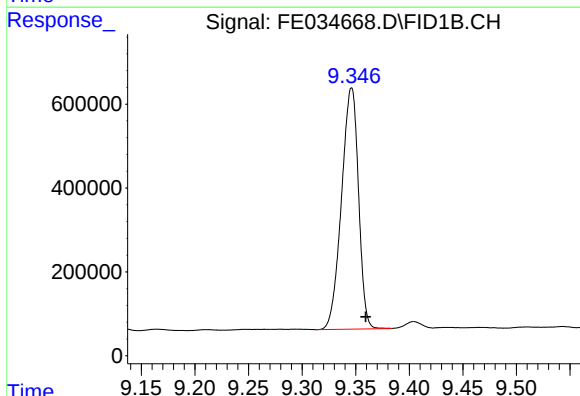
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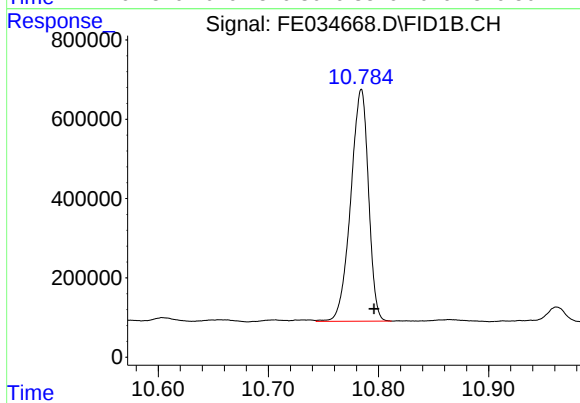
#6 n-Tetradecane (C14)

R.T.: 7.752 min
Delta R.T.: -0.012 min
Response: 5885015
Conc: 48.47 ug/ml



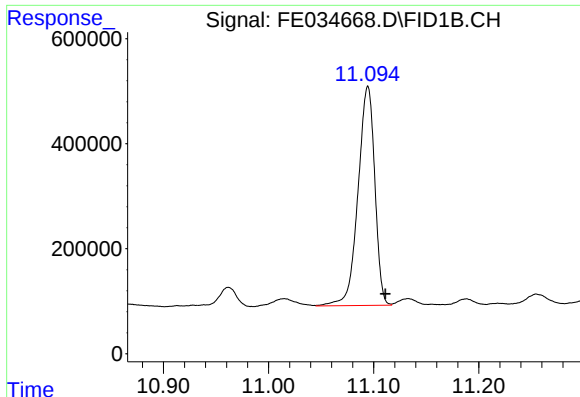
#7 n-Hexadecane (C16)

R.T.: 9.346 min
Delta R.T.: -0.013 min
Response: 6356207
Conc: 52.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.784 min
Delta R.T.: -0.012 min
Response: 6557835
Conc: 52.59 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.095 min
Delta R.T.: -0.017 min
Response: 4630323
Conc: 33.47 ug/ml

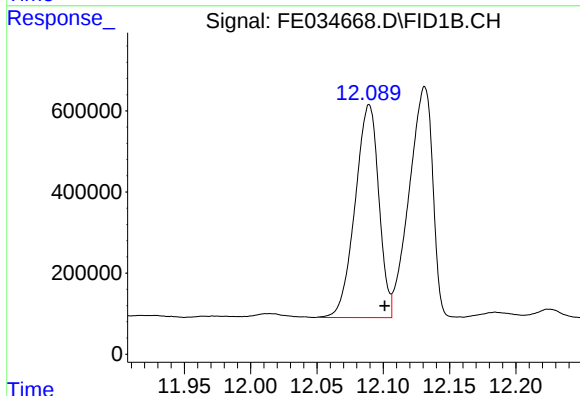
Instrument :

FID_E

ClientSampleId :
7211979MS

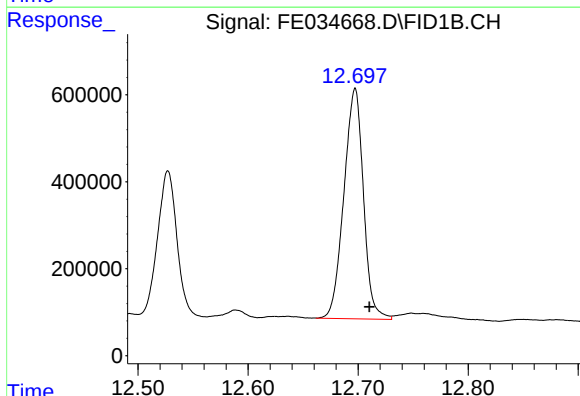
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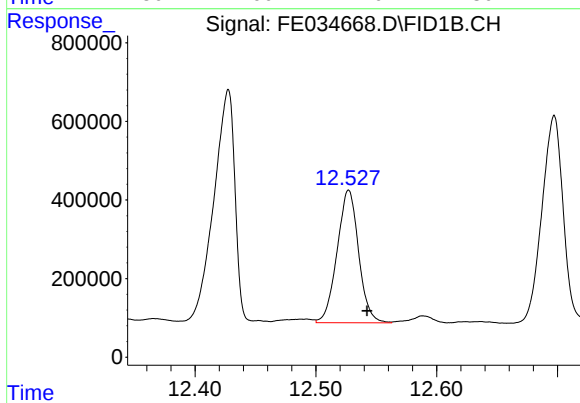
#10 n-Eicosane (C20)

R.T.: 12.089 min
Delta R.T.: -0.012 min
Response: 6539017
Conc: 53.02 ug/ml



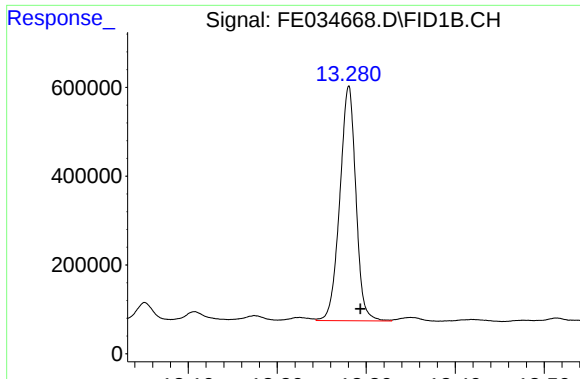
#11 n-Heneicosane (C21)

R.T.: 12.697 min
Delta R.T.: -0.013 min
Response: 6532471
Conc: 52.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.527 min
Delta R.T.: -0.015 min
Response: 4176324
Conc: 39.66 ug/ml



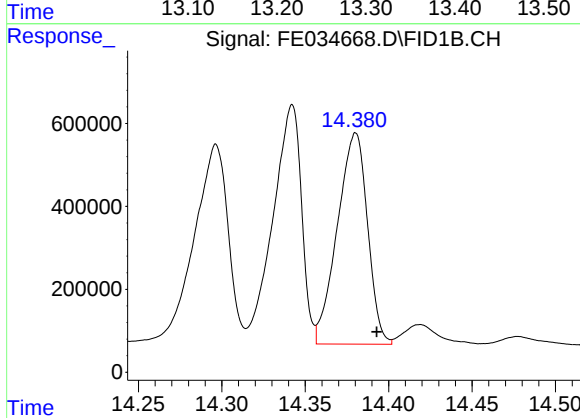
#13 n-Docosane (C22)

R.T.: 13.280 min
Delta R.T.: -0.013 min
Response: 6633019
Conc: 53.80 ug/ml

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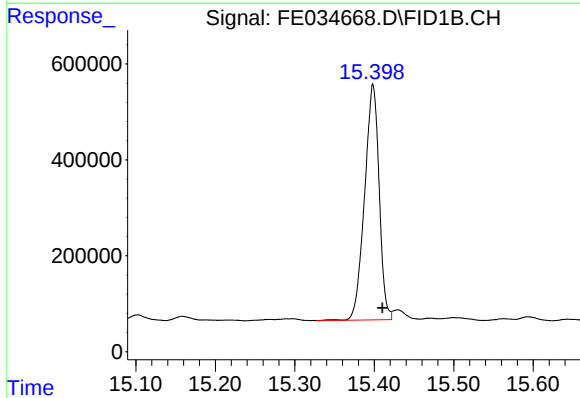
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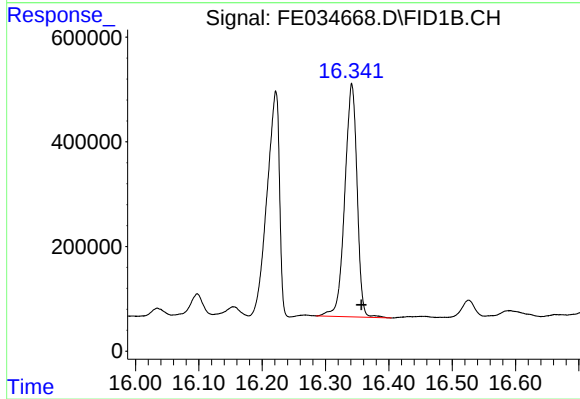
#14 n-Tetracosane (C24)

R.T.: 14.380 min
Delta R.T.: -0.013 min
Response: 6421182
Conc: 52.18 ug/ml



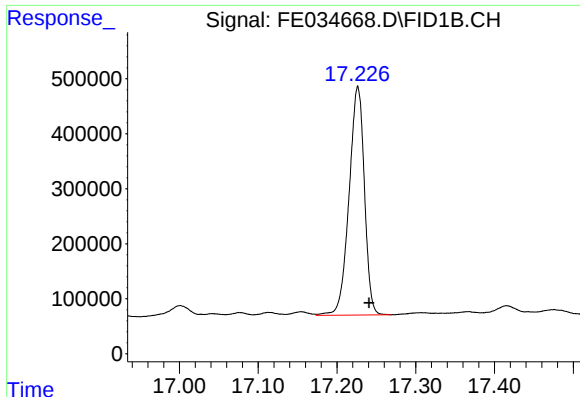
#15 n-Hexacosane (C26)

R.T.: 15.398 min
Delta R.T.: -0.012 min
Response: 6242816
Conc: 52.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.342 min
Delta R.T.: -0.015 min
Response: 6013384
Conc: 52.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.227 min
Delta R.T.: -0.014 min
Response: 5618674
Conc: 51.47 ug/ml

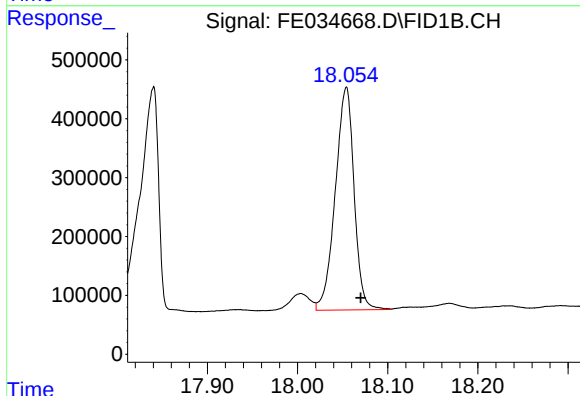
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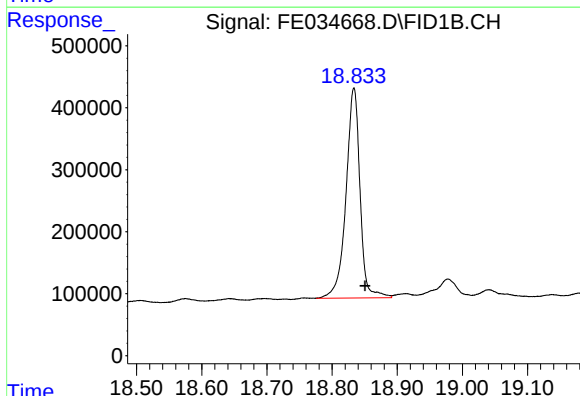
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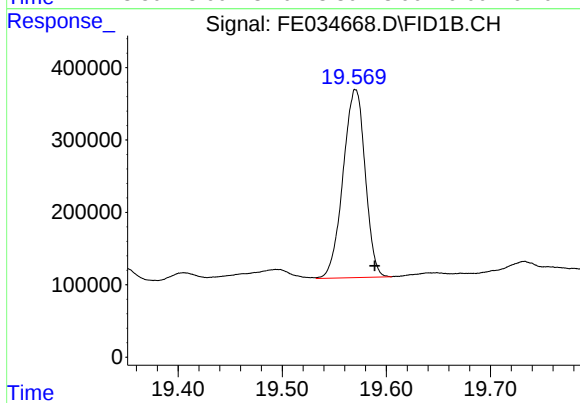
#18 n-Dotriacontane (C32)

R.T.: 18.054 min
Delta R.T.: -0.016 min
Response: 5476772
Conc: 57.12 ug/ml



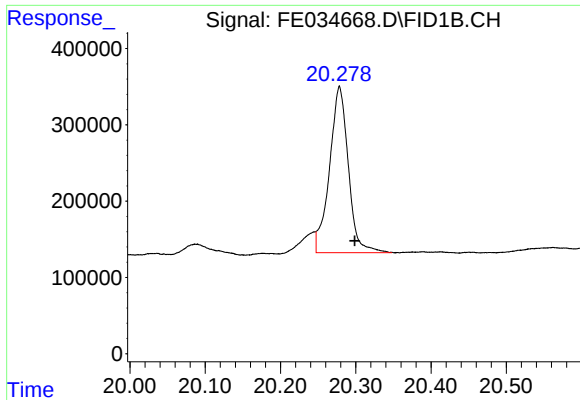
#19 n-Tetratriacontane (C34)

R.T.: 18.833 min
Delta R.T.: -0.017 min
Response: 5066509
Conc: 61.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.570 min
Delta R.T.: -0.018 min
Response: 3831858
Conc: 56.11 ug/ml



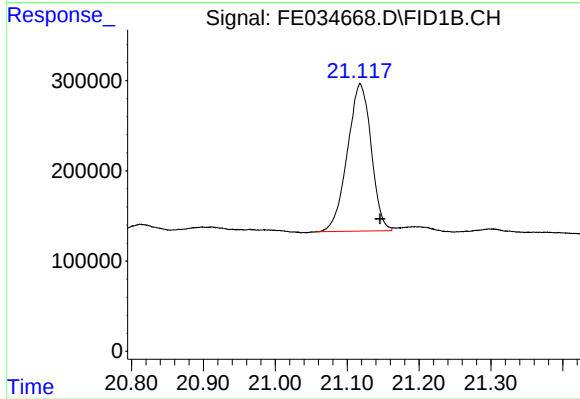
#21 n-Octatriacontane (C38)

R.T.: 20.278 min
Delta R.T.: -0.021 min
Response: 3768062
Conc: 65.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.117 min
Delta R.T.: -0.028 min
Response: 3747265
Conc: 74.95 ug/ml m