

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036372.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 20:00
 Operator : YP\AJ
 Sample : N3572-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 03:50:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.876	7512294	37.600 ug/ml
Spiked Amount 50.000		Recovery =	75.20%
12) S 1-chlorooctadecane (S...	13.314	6074169	39.234 ug/ml
Spiked Amount 50.000		Recovery =	78.47%
Target Compounds			
1) T n-Nonane (C9)	3.266	5855037	32.553 ug/ml
2) T n-Decane (C10)	4.521	6520913	36.276 ug/ml
3) T A~Naphthalene (C11.7)	6.221	7959430	39.671 ug/ml
4) T n-Dodecane (C12)	6.687	7335937	39.606 ug/ml
5) T A~2-methylnaphthalene...	7.318	8056560	39.576 ug/ml
6) T n-Tetradecane (C14)	8.515	7940824	42.475 ug/ml
7) T n-Hexadecane (C16)	10.120	8422671	44.976 ug/ml
8) T n-Octadecane (C18)	11.562	8789738	47.246 ug/ml
10) T n-Eicosane (C20)	12.871	8436709	46.570 ug/ml
11) T n-Heneicosane (C21)	13.481	8310585	46.265 ug/ml
13) T n-Docosane (C22)	14.067	8257351	46.705 ug/ml
14) T n-Tetracosane (C24)	15.166	4897654	28.595 ug/mlm
15) T n-Hexacosane (C26)	16.191	7775924	47.064 ug/ml
16) T n-Octacosane (C28)	17.140	7738982	48.346 ug/ml
17) T n-Tricontane (C30)	18.030	7638049	49.335 ug/ml
18) T n-Dotriacontane (C32)	18.860	7473278	51.139 ug/ml
19) T n-Tetratriacontane (C34)	19.646	7516251	54.315 ug/ml
20) T n-Hexatriacontane (C36)	20.384	7161656	53.347 ug/ml
21) T n-Octatriacontane (C38)	21.113	6899918	51.883 ug/ml
22) T n-Tetracontane (C40)	22.013	8183271	58.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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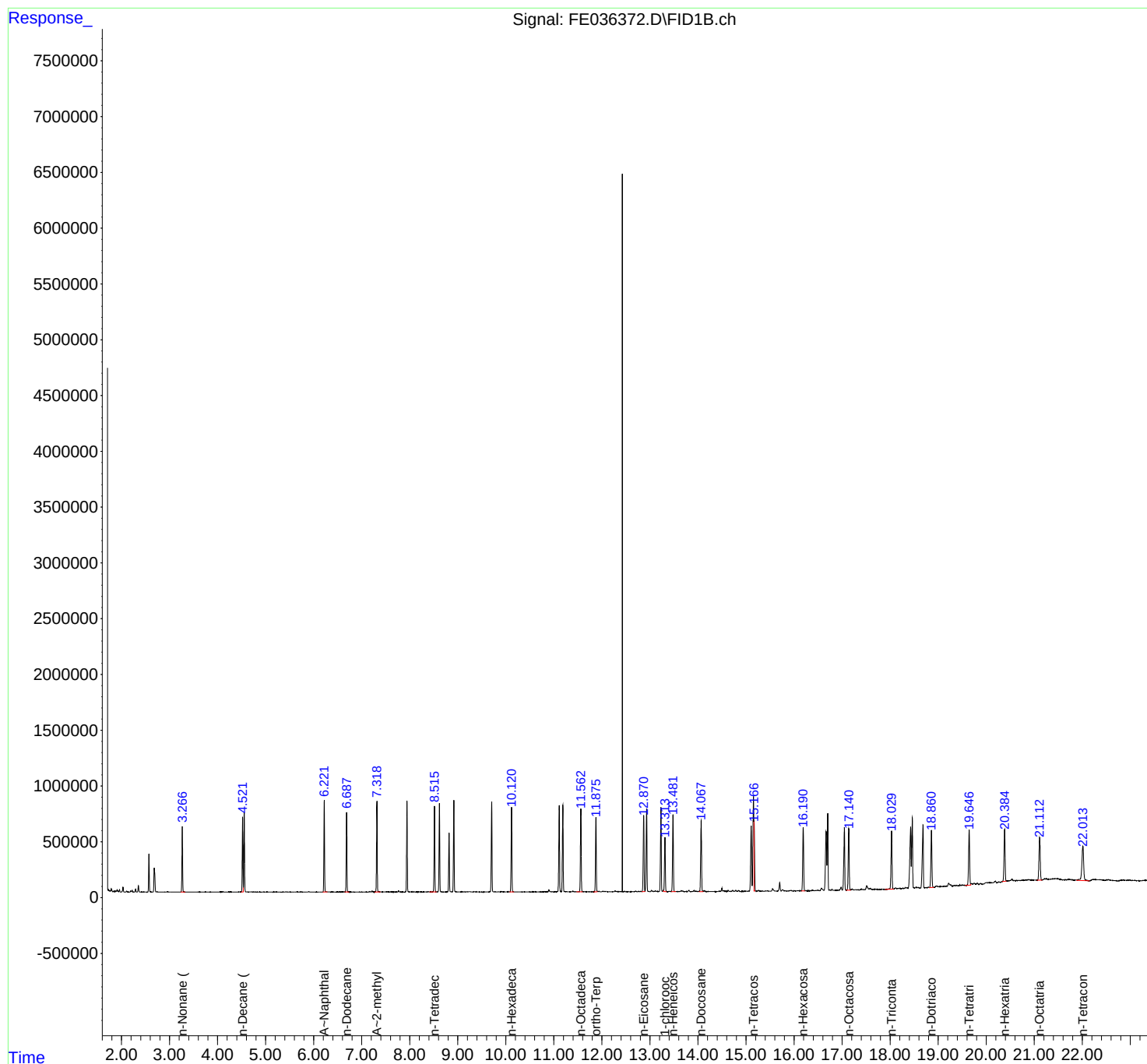
Instrument :
FID_E
ClientSampleId :

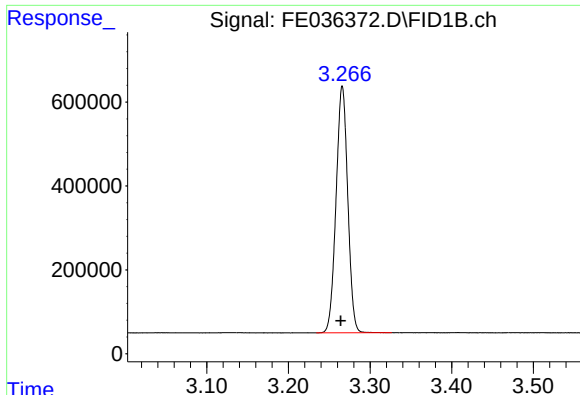
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#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 5855037
Conc: 32.55 ug/ml

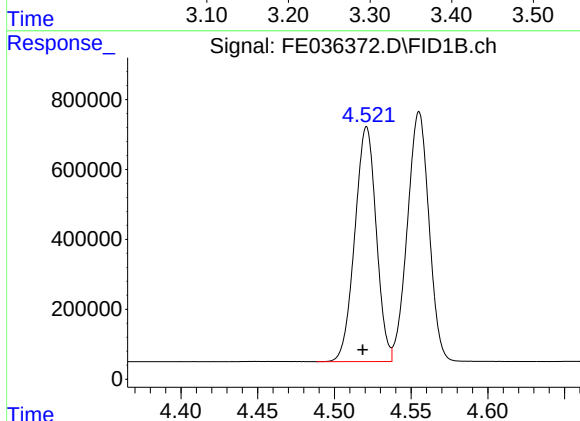
Instrument :

FID_E

ClientSampleId :

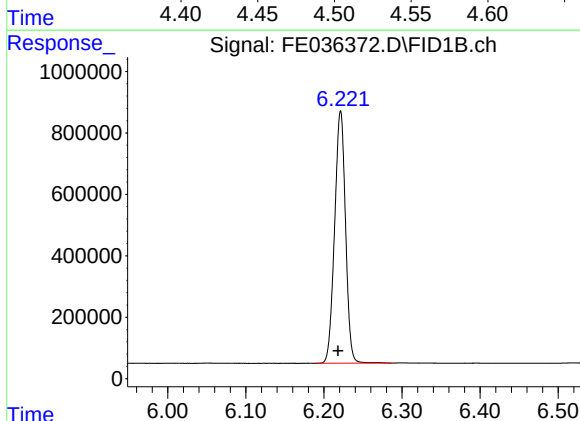
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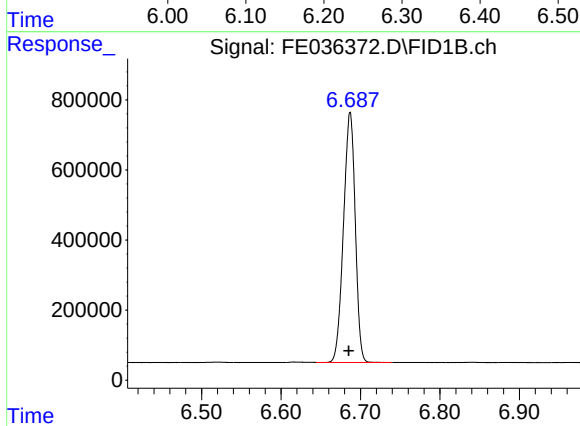
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 6520913
Conc: 36.28 ug/ml



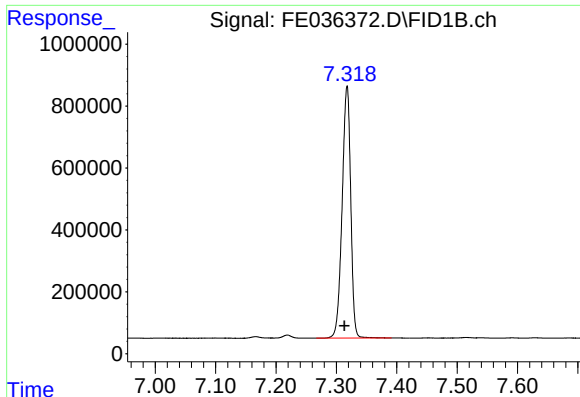
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.003 min
Response: 7959430
Conc: 39.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 7335937
Conc: 39.61 ug/ml



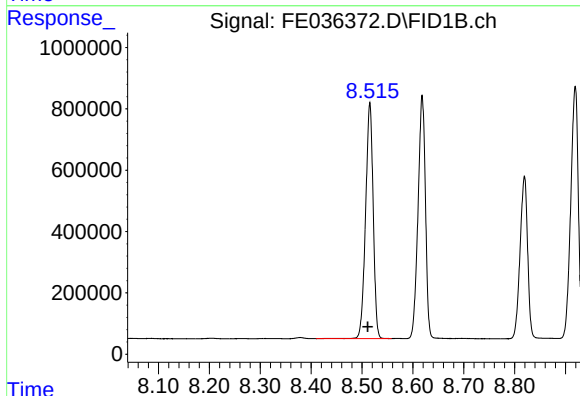
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: 0.005 min
Response: 8056560
Conc: 39.58 ug/ml

Instrument :
FID_E
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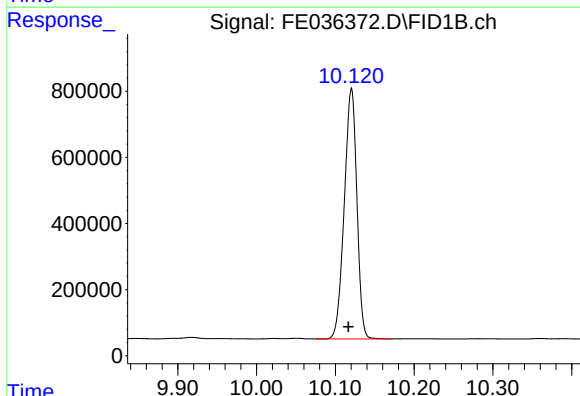
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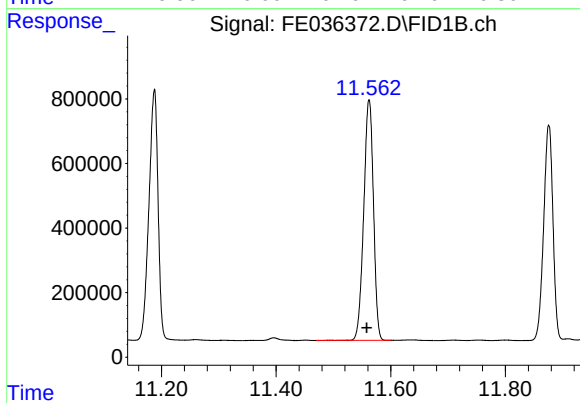
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.004 min
Response: 7940824
Conc: 42.47 ug/ml



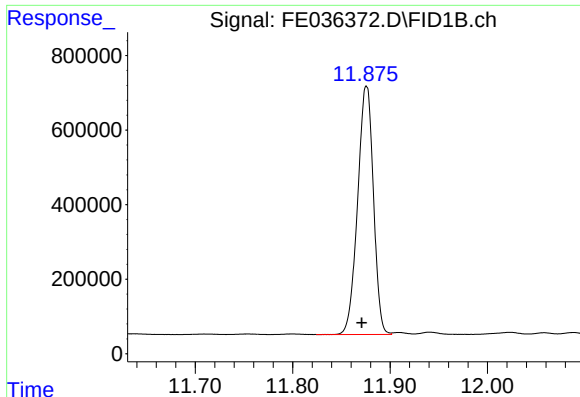
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.004 min
Response: 8422671
Conc: 44.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.004 min
Response: 8789738
Conc: 47.25 ug/ml



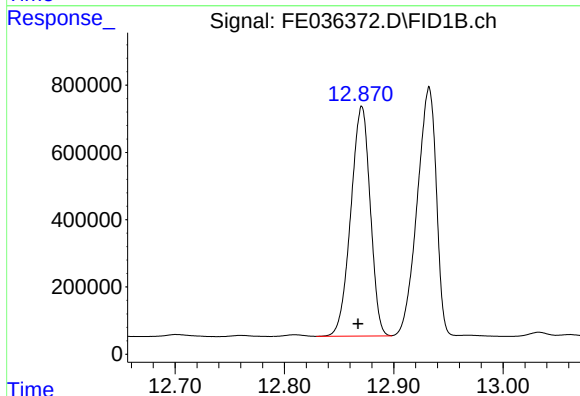
#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: 0.005 min
Response: 7512294
Conc: 37.60 ug/ml

Instrument :
FID_E
ClientSampleId :

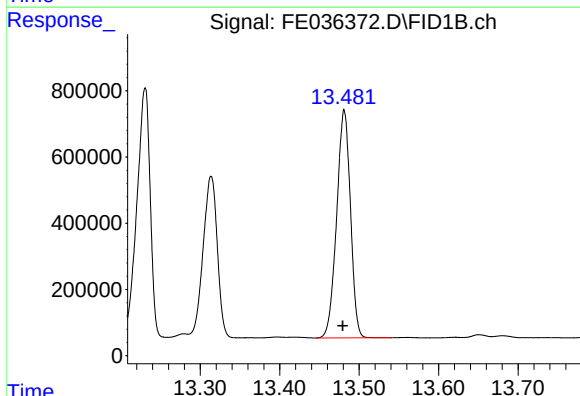
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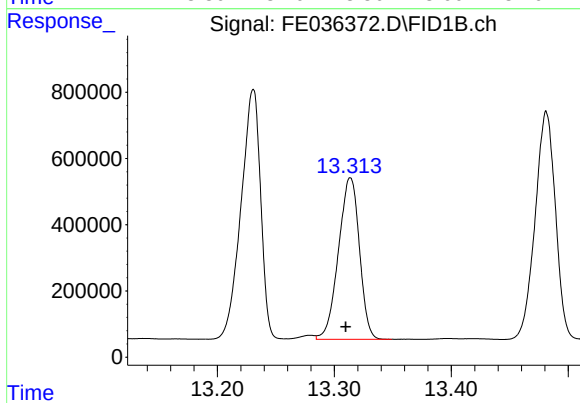
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: 0.004 min
Response: 8436709
Conc: 46.57 ug/ml



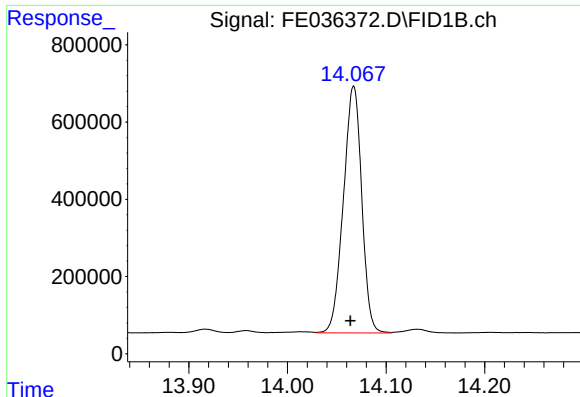
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.002 min
Response: 8310585
Conc: 46.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: 0.004 min
Response: 6074169
Conc: 39.23 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: 0.003 min
Response: 8257351
Conc: 46.70 ug/ml

Instrument :

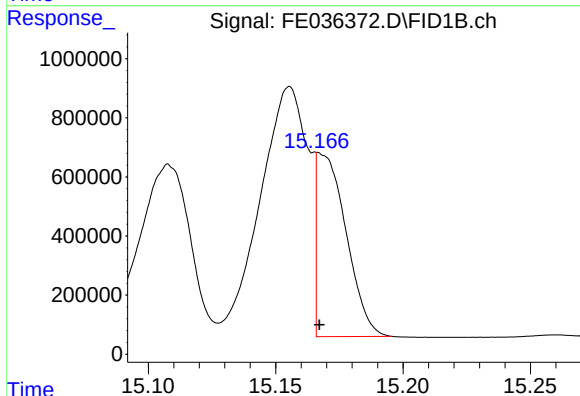
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ClientSampleId :

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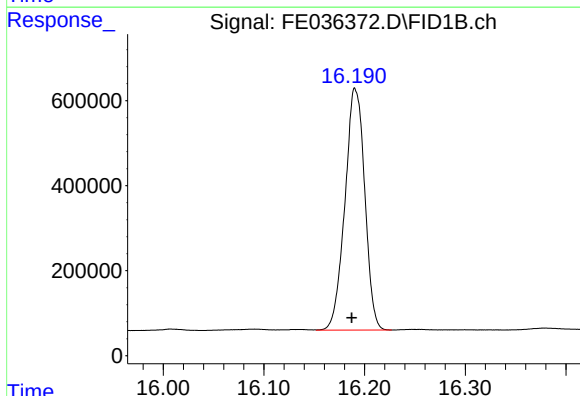
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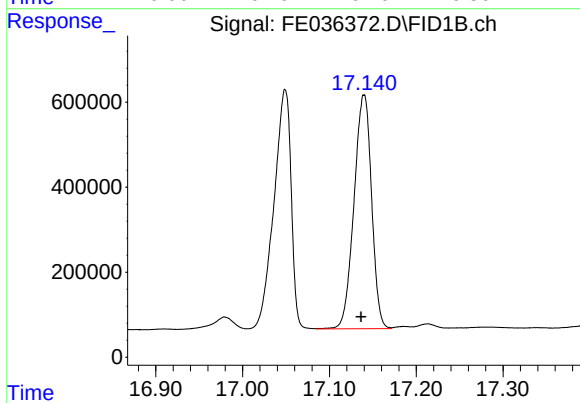
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.000 min
Response: 4897654
Conc: 28.60 ug/ml m



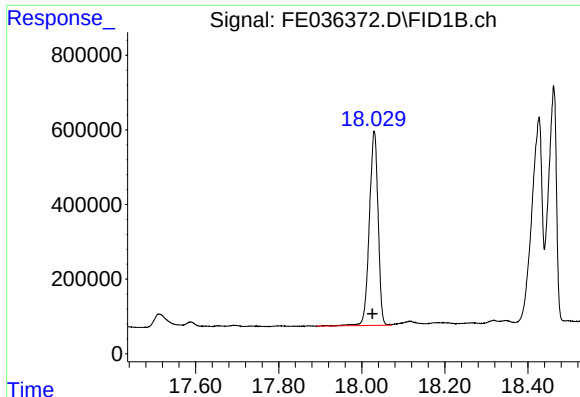
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.003 min
Response: 7775924
Conc: 47.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.003 min
Response: 7738982
Conc: 48.35 ug/ml



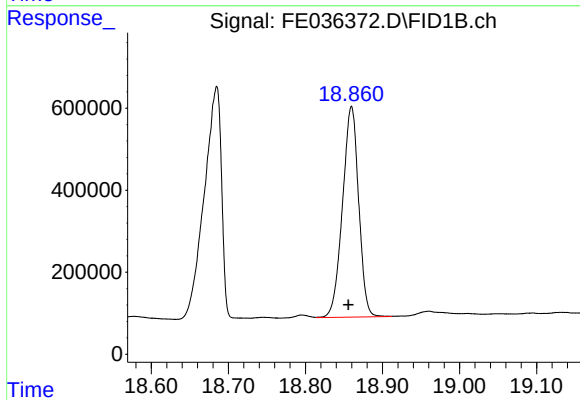
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.005 min
Response: 7638049
Conc: 49.33 ug/ml

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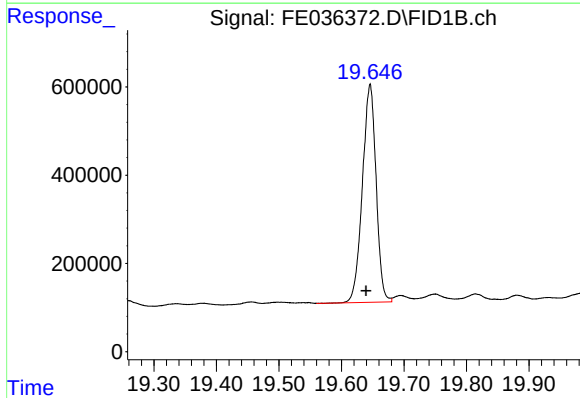
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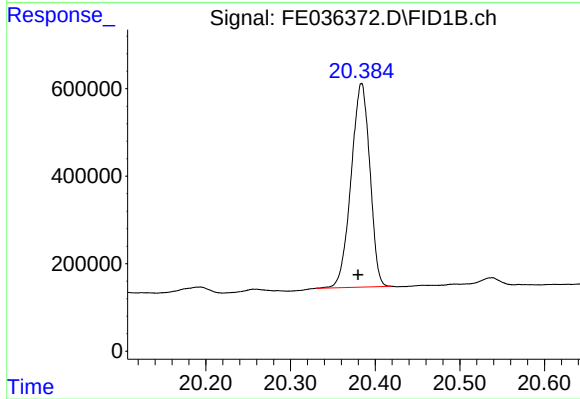
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.004 min
Response: 7473278
Conc: 51.14 ug/ml



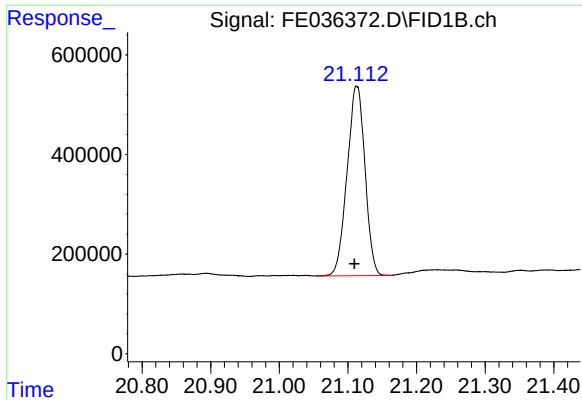
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.006 min
Response: 7516251
Conc: 54.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 7161656
Conc: 53.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.003 min
Response: 6899918
Conc: 51.88 ug/ml

Instrument :

FID_E

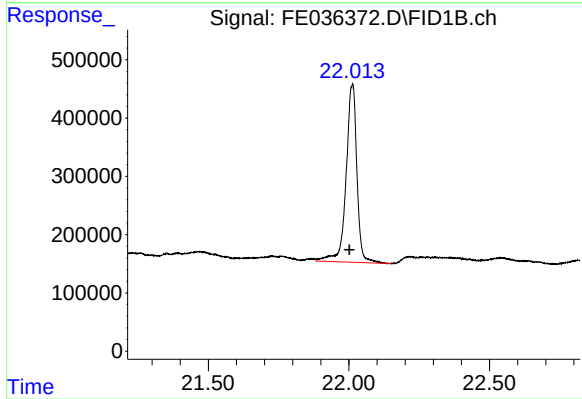
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#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: 0.012 min
Response: 8183271
Conc: 58.52 ug/ml