

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037380.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 14:35
 Operator : YP\AJ
 Sample : PB147402BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147402BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:19:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.642	7473016	44.221 ug/ml
Spiked Amount 50.000		Recovery =	88.44%
12) S 1-chlorooctadecane (S...	13.063	6186465	48.069 ug/ml
Spiked Amount 50.000		Recovery =	96.14%
Target Compounds			
1) T n-Nonane (C9)	3.049	5818370	38.027 ug/ml
2) T n-Decane (C10)	4.301	6088245	39.489 ug/ml
3) T A~Naphthalene (C11.7)	6.011	6432155	44.646 ug/ml
4) T n-Dodecane (C12)	6.466	6718279	42.485 ug/ml
5) T A~2-methylnaphthalene...	7.102	6502873	46.578 ug/ml
6) T n-Tetradecane (C14)	9.885	7372707	46.529 ug/ml
7) T n-Hexadecane (C16)	9.885	7372707	46.529 ug/ml
8) T n-Octadecane (C18)	11.319	7558059	47.462 ug/ml
10) T n-Eicosane (C20)	12.622	7294730	46.105 ug/ml
11) T n-Heneicosane (C21)	13.229	7193858	45.620 ug/ml
13) T n-Docosane (C22)	13.812	7062036	45.366 ug/ml
14) T n-Tetracosane (C24)	14.908	13393793	89.052 ug/ml
15) T n-Hexacosane (C26)	15.925	6562400	45.319 ug/ml
16) T n-Octacosane (C28)	16.868	7375825	53.240 ug/ml
17) T n-Tricontane (C30)	17.752	6267521	46.074 ug/ml
18) T n-Dotriacontane (C32)	18.578	6410631	48.008 ug/ml
19) T n-Tetratriacontane (C34)	19.357	6276140	49.603 ug/ml
20) T n-Hexatriacontane (C36)	20.092	6000406	46.654 ug/mlm
21) T n-Octatriacontane (C38)	20.790	5980733	48.054 ug/ml
22) T n-Tetracontane (C40)	21.569	6274611	48.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147402BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

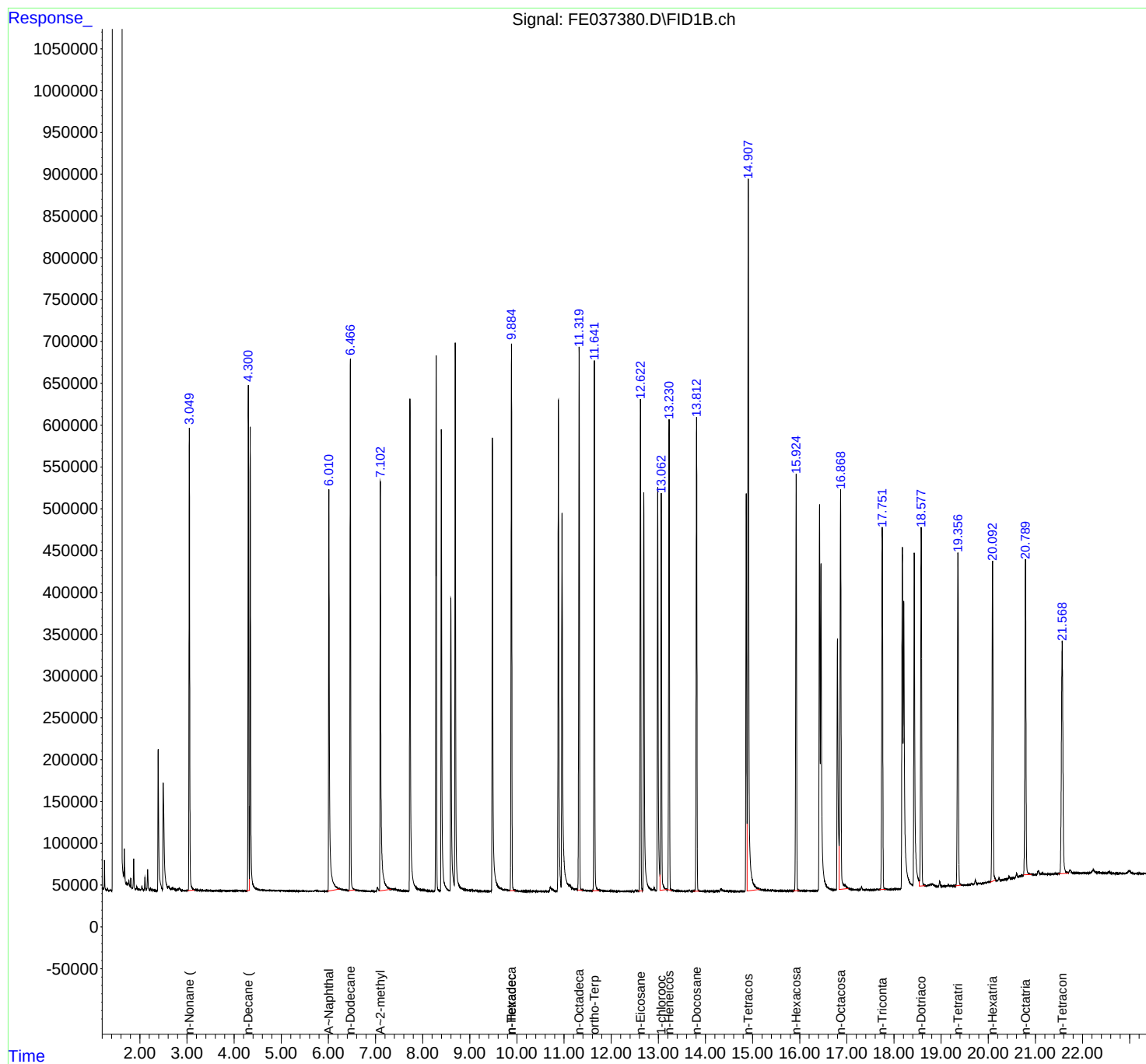
Instrument :
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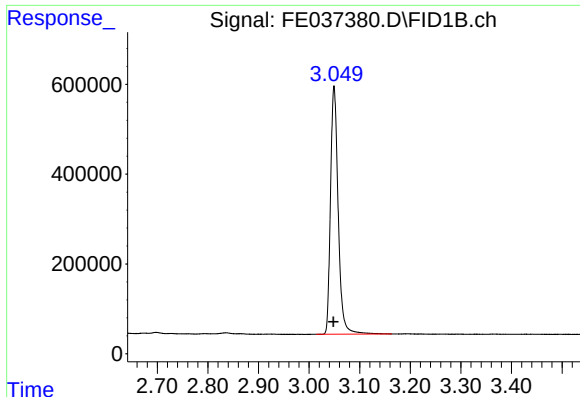
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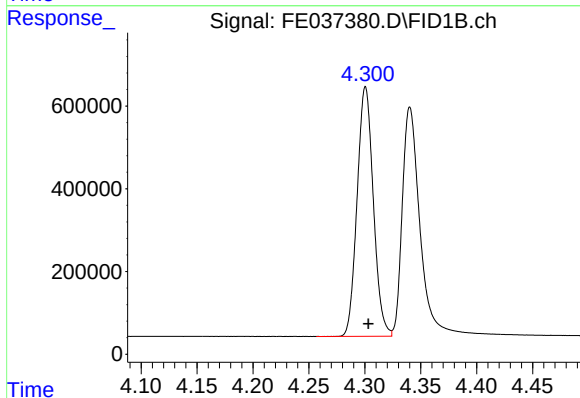
#1 n-Nonane (C9)

R.T.: 3.049 min
Delta R.T.: 0.001 min
Response: 5818370
Conc: 38.03 ug/ml

Instrument :
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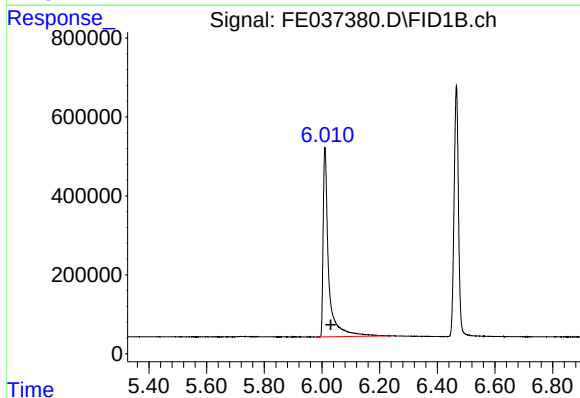
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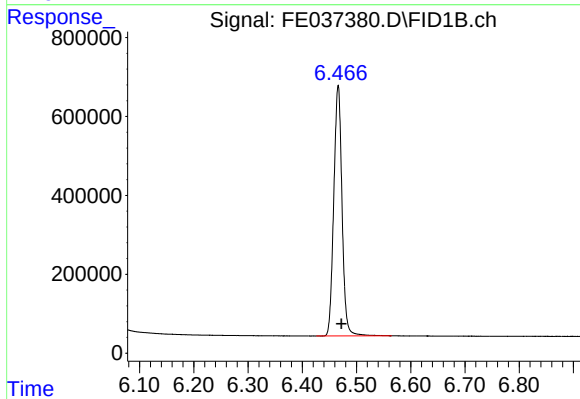
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 6088245
Conc: 39.49 ug/ml



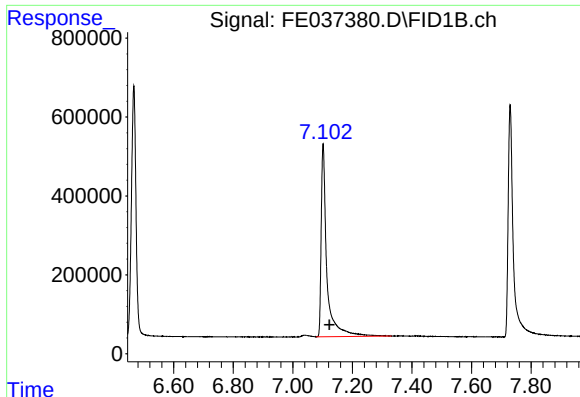
#3 A~Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: -0.020 min
Response: 6432155
Conc: 44.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.006 min
Response: 6718279
Conc: 42.49 ug/ml



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

R.T.: 7.102 min
Delta R.T.: -0.022 min
Response: 6502873
Conc: 46.58 ug/ml

Instrument :

FID_E

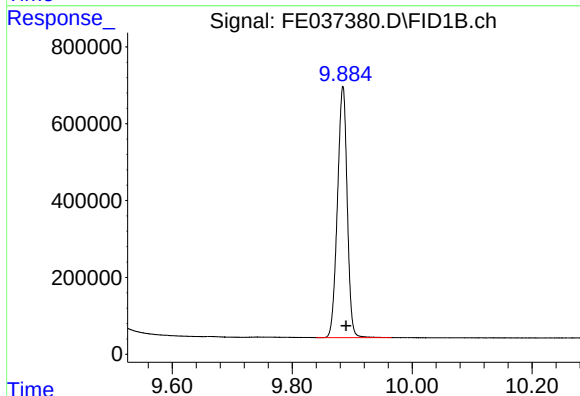
ClientSampleId :

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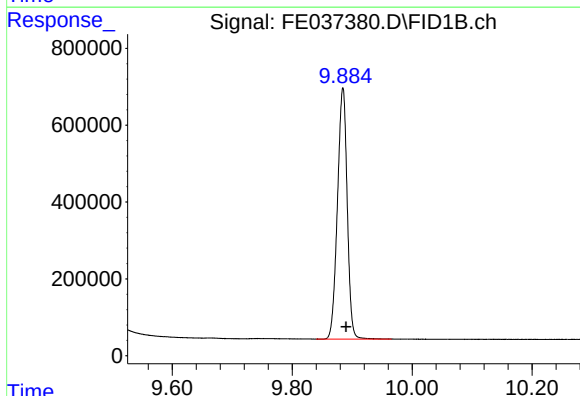
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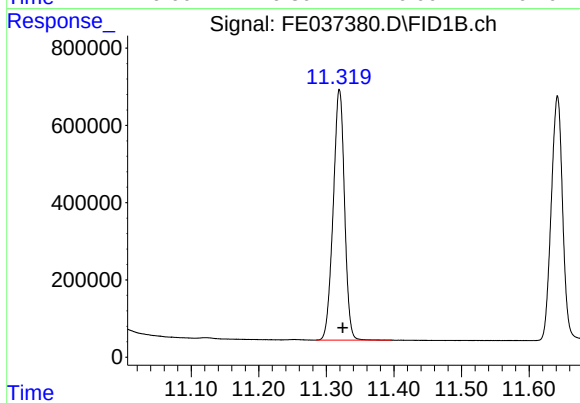
#6 n-Tetradecane (C14)

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 7372707
Conc: 46.53 ug/ml



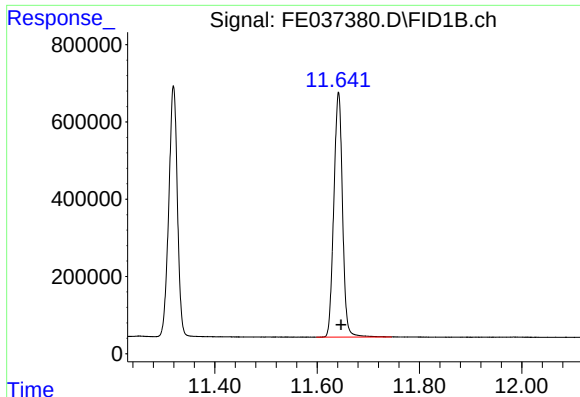
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 7372707
Conc: 46.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 7558059
Conc: 47.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 7473016
Conc: 44.22 ug/ml

Instrument :

FID_E

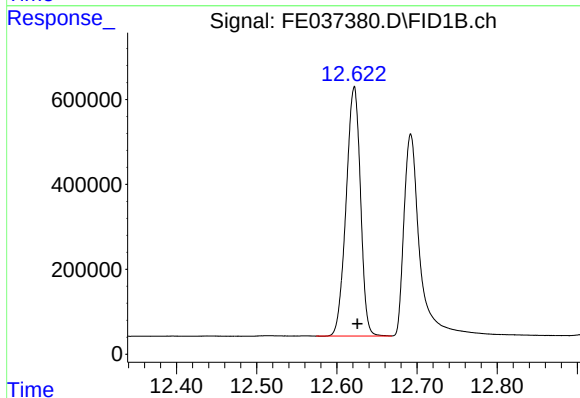
ClientSampleId :

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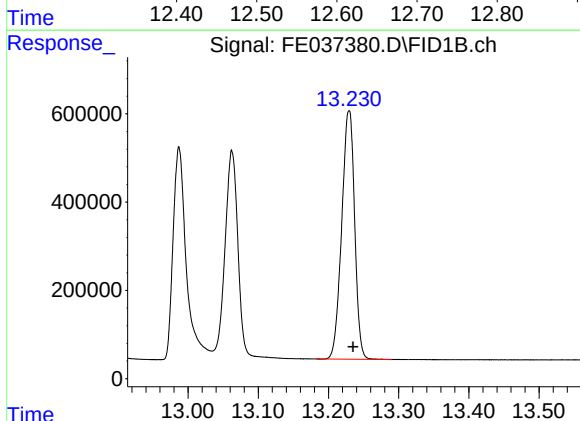
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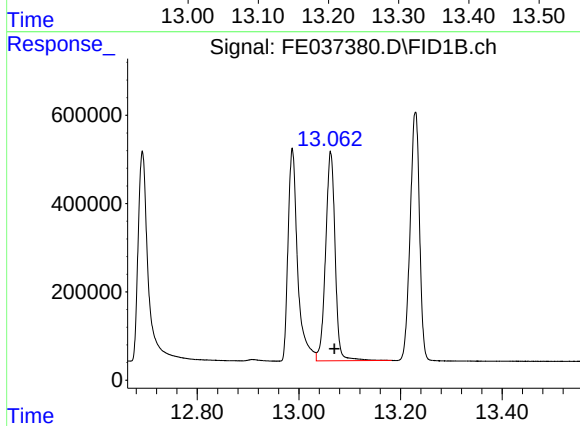
#10 n-Eicosane (C20)

R.T.: 12.622 min
Delta R.T.: -0.004 min
Response: 7294730
Conc: 46.10 ug/ml



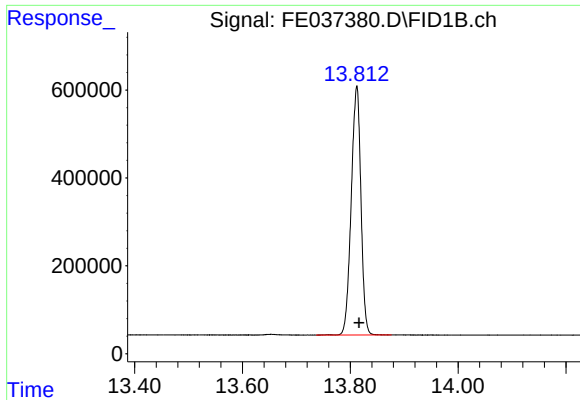
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.005 min
Response: 7193858
Conc: 45.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: -0.007 min
Response: 6186465
Conc: 48.07 ug/ml



#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.004 min
Response: 7062036
Conc: 45.37 ug/ml

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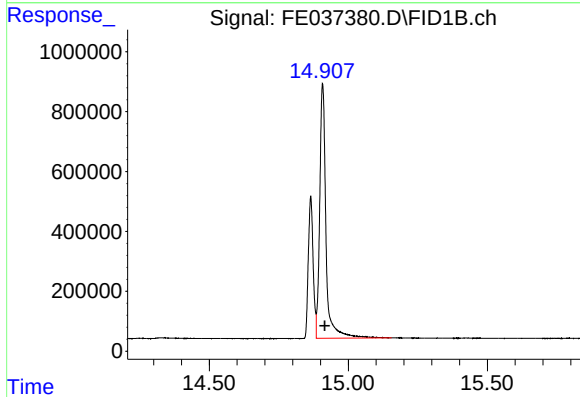
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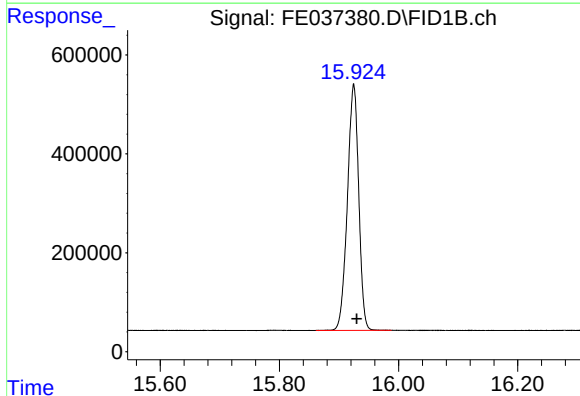
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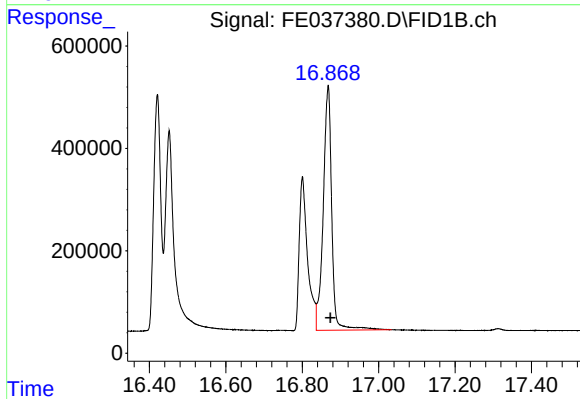
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 13393793
Conc: 89.05 ug/ml



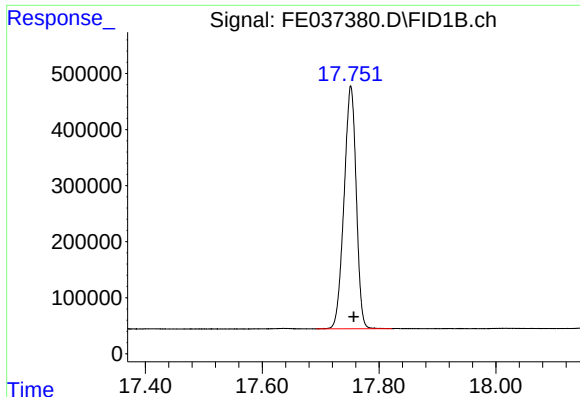
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.005 min
Response: 6562400
Conc: 45.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: -0.006 min
Response: 7375825
Conc: 53.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.752 min
Delta R.T.: -0.005 min
Response: 6267521
Conc: 46.07 ug/ml

Instrument :

FID_E

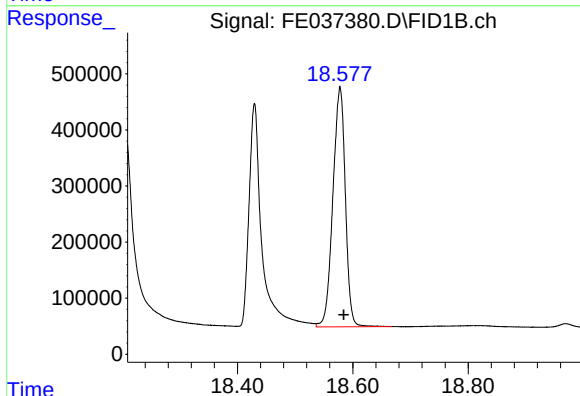
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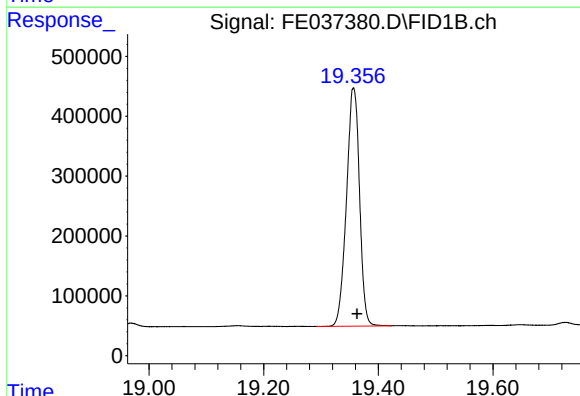
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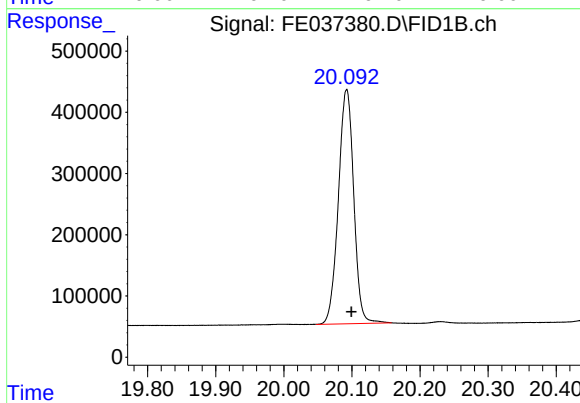
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: -0.006 min
Response: 6410631
Conc: 48.01 ug/ml



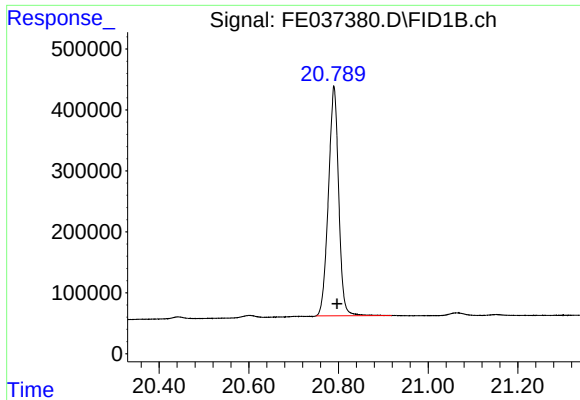
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.007 min
Response: 6276140
Conc: 49.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.007 min
Response: 6000406
Conc: 46.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: -0.006 min
Response: 5980733
Conc: 48.05 ug/ml

Instrument :

FID_E

ClientSampleId :

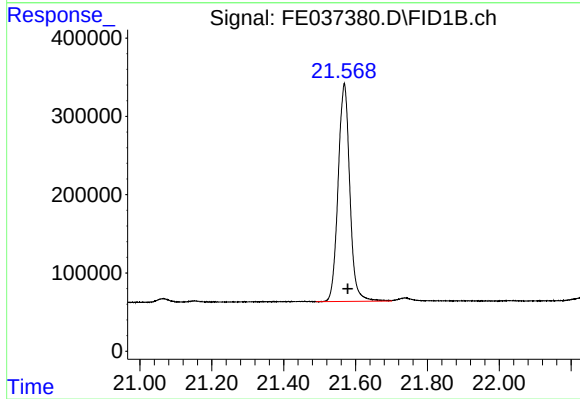
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#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.009 min
Response: 6274611
Conc: 48.67 ug/ml