

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090822AL\
 Data File : FE037470.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2022 19:28
 Operator : YP\AJ
 Sample : N4520-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 600540642MS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Sep 09 08:19:09 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)	11.648	6137124	36.316 ug/ml
Spiked Amount 50.000		Recovery =	72.63%
12) S 1-chlorooctadecane (S...	13.071	4993171	38.797 ug/ml
Spiked Amount 50.000		Recovery =	77.59%
Target Compounds			
1) T n-Nonane (C9)	3.037	4645602	30.362 ug/ml
2) T n-Decane (C10)	4.297	5142879	33.357 ug/ml
3) T A~Naphthalene (C11.7)	6.010	5545078	38.489 ug/ml
4) T n-Dodecane (C12)	6.468	5691316	35.991 ug/ml
5) T A~2-methylnaphthalene...	7.104	5690560	40.759 ug/ml
6) T n-Tetradecane (C14)	9.889	6586809	41.569 ug/ml
7) T n-Hexadecane (C16)	9.889	6586809	41.569 ug/ml
8) T n-Octadecane (C18)	11.326	6688710	42.003 ug/ml
10) T n-Eicosane (C20)	12.629	6580637	41.591 ug/ml
11) T n-Heneicosane (C21)	13.237	6285491	39.860 ug/ml
13) T n-Docosane (C22)	13.821	6253401	40.171 ug/ml
14) T n-Tetracosane (C24)	14.920	11974977	79.619 ug/ml
15) T n-Hexacosane (C26)	15.937	5913727	40.840 ug/ml
16) T n-Octacosane (C28)	16.882	6029487	43.522 ug/ml
17) T n-Tricontane (C30)	17.767	5809564	42.707 ug/ml
18) T n-Dotriacontane (C32)	18.596	5994315	44.890 ug/ml
19) T n-Tetratriacontane (C34)	19.377	5885958	46.519 ug/mlm
20) T n-Hexatriacontane (C36)	20.114	5827346	45.309 ug/ml
21) T n-Octatriacontane (C38)	20.813	6434134	51.697 ug/ml
22) T n-Tetracontane (C40)	21.600	6191377	48.027 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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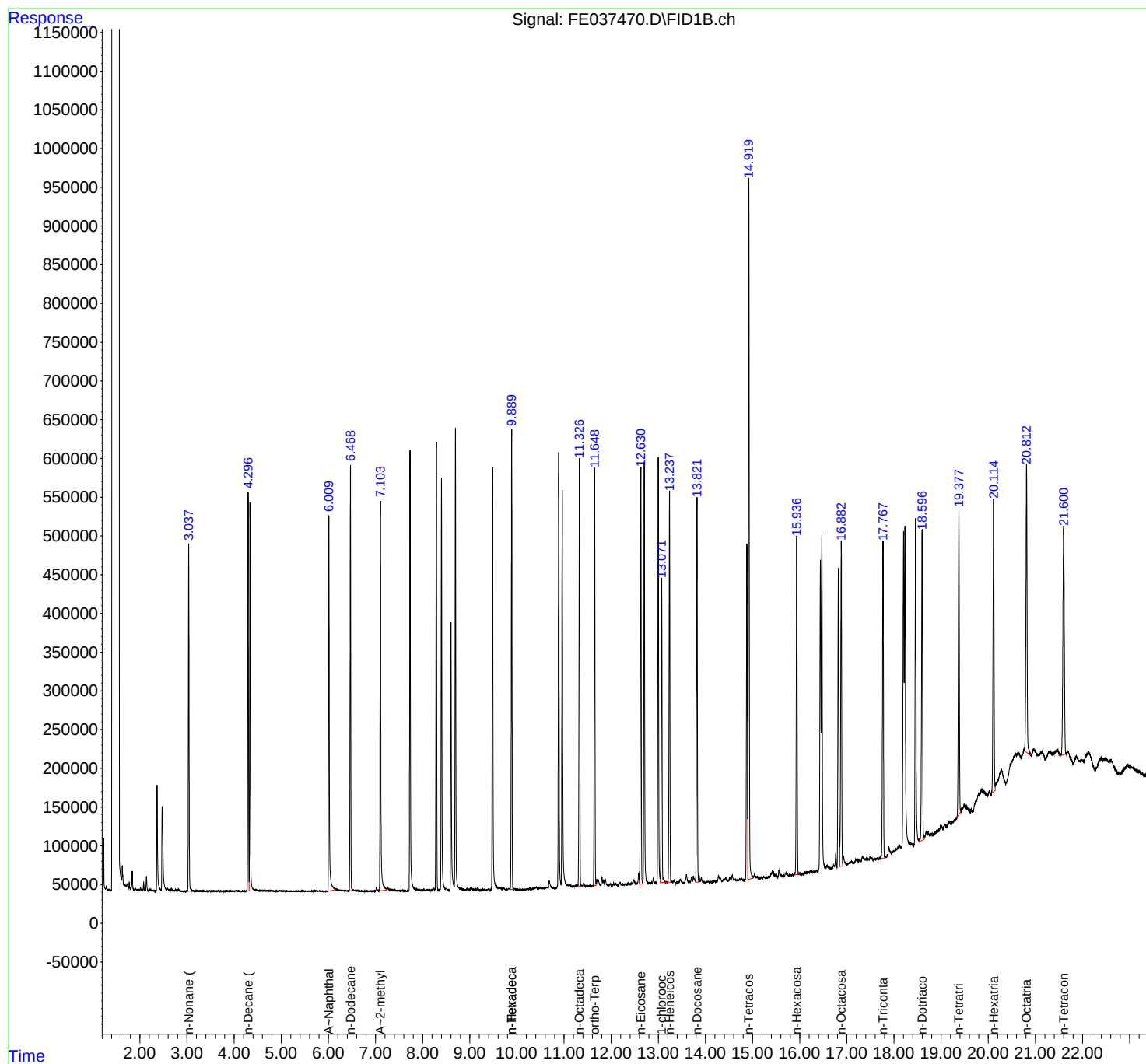
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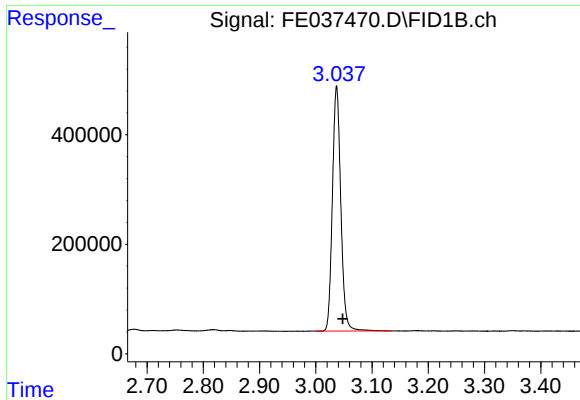
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#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 4645602
Conc: 30.36 ug/ml

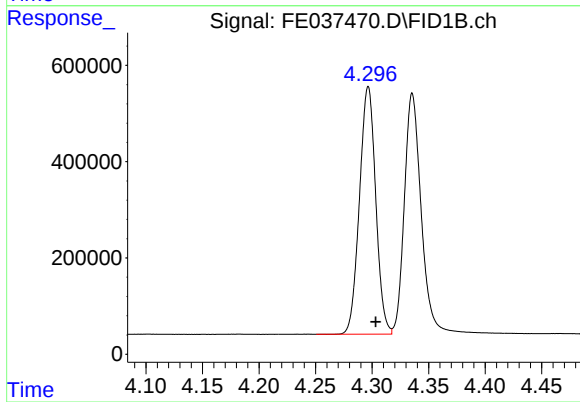
Instrument :

FID_E

ClientSampleId :
600540642MS

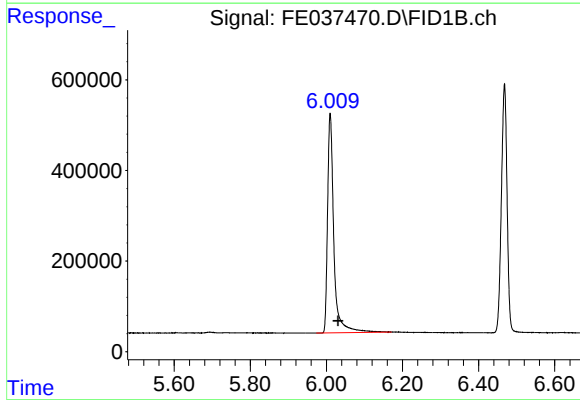
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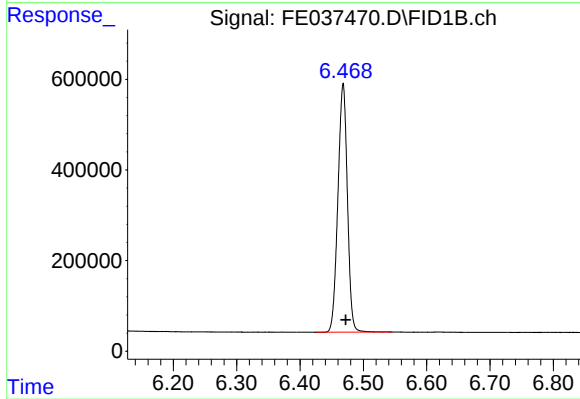
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 5142879
Conc: 33.36 ug/ml



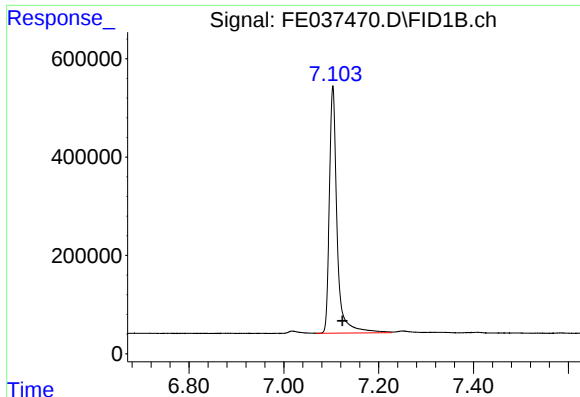
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.021 min
Response: 5545078
Conc: 38.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 5691316
Conc: 35.99 ug/ml



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

R.T.: 7.104 min
Delta R.T.: -0.020 min
Response: 5690560
Conc: 40.76 ug/ml

Instrument :

FID_E

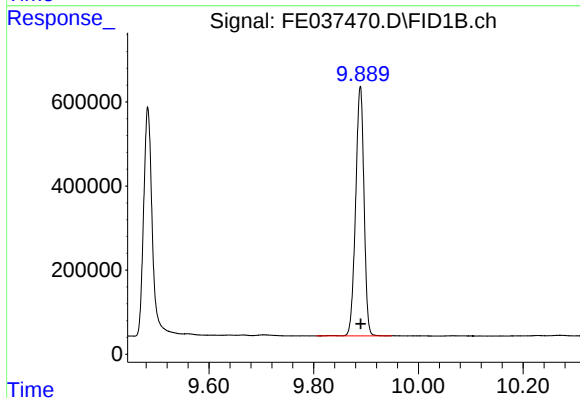
ClientSampleId :

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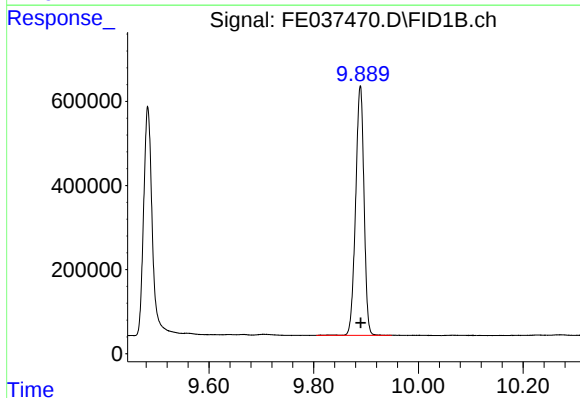
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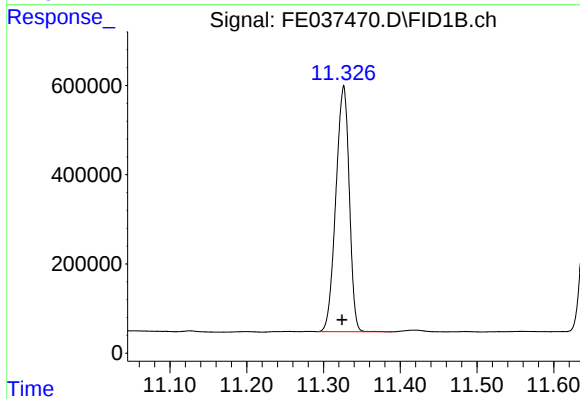
#6 n-Tetradecane (C14)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6586809
Conc: 41.57 ug/ml



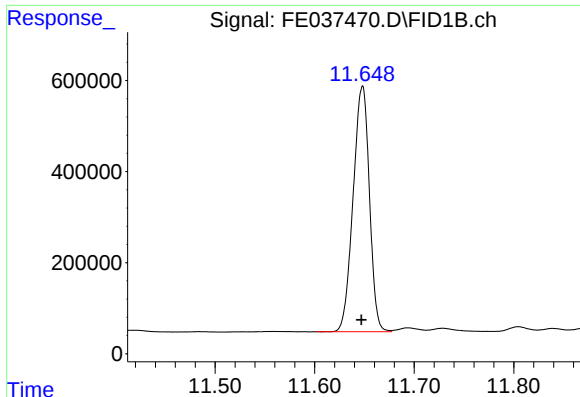
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6586809
Conc: 41.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.002 min
Response: 6688710
Conc: 42.00 ug/ml



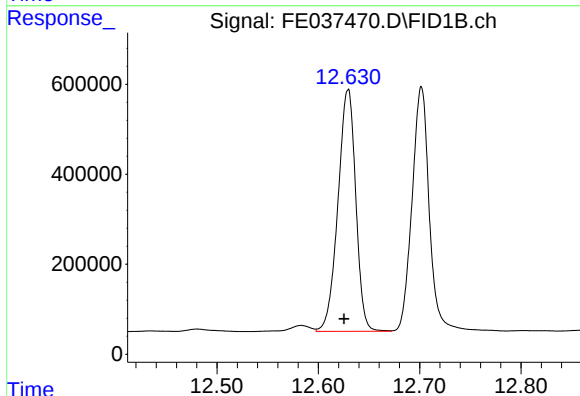
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.001 min
Response: 6137124
Conc: 36.32 ug/ml

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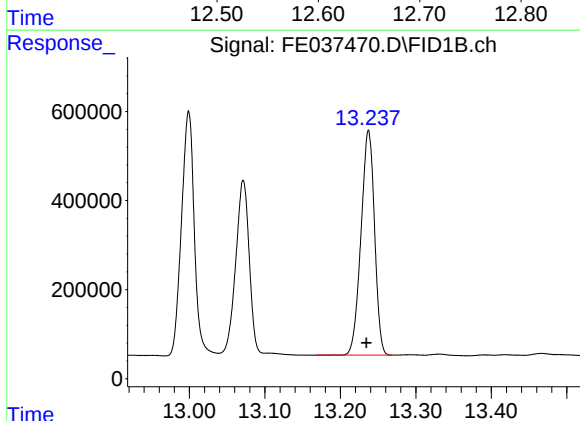
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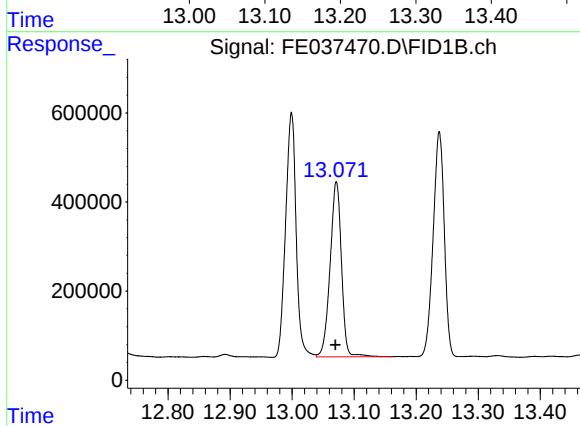
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: 0.004 min
Response: 6580637
Conc: 41.59 ug/ml



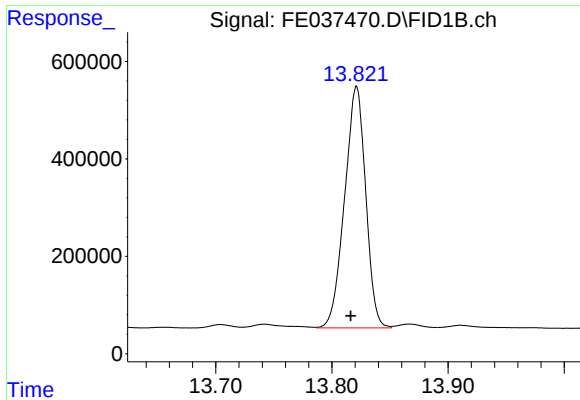
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: 0.003 min
Response: 6285491
Conc: 39.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.071 min
Delta R.T.: 0.002 min
Response: 4993171
Conc: 38.80 ug/ml



#13 n-Docosane (C22)

R.T.: 13.821 min
Delta R.T.: 0.005 min
Response: 6253401
Conc: 40.17 ug/ml

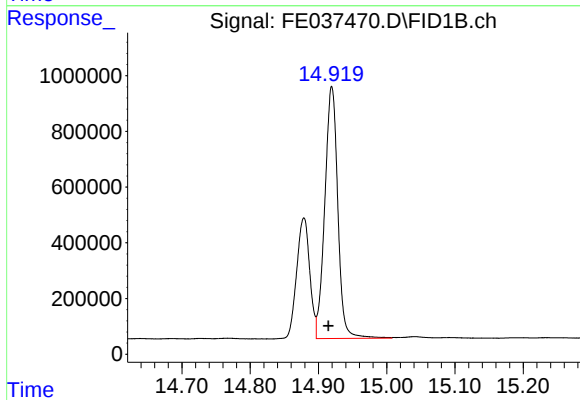
Instrument :

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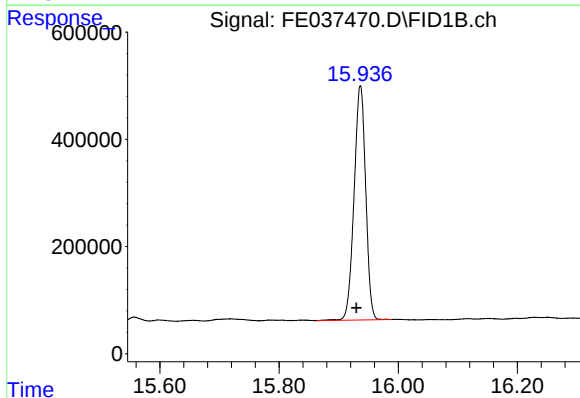
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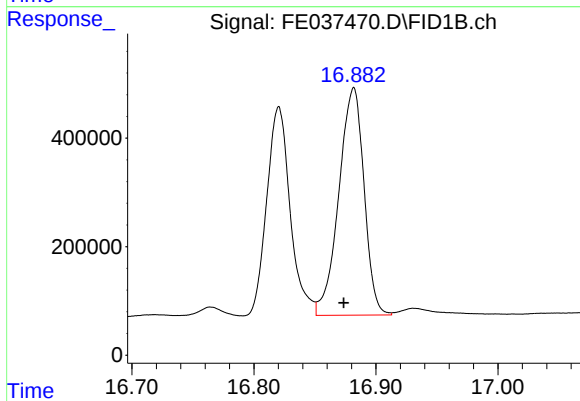
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: 0.005 min
Response: 11974977
Conc: 79.62 ug/ml



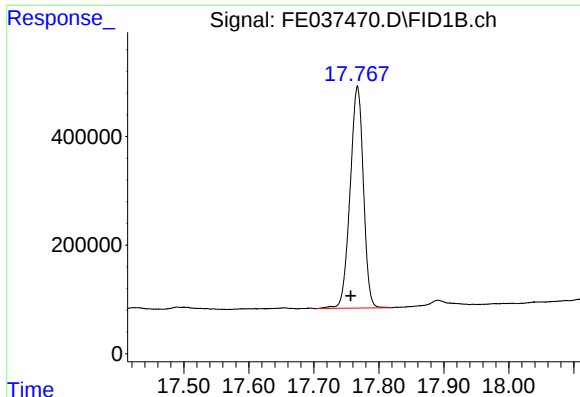
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: 0.007 min
Response: 5913727
Conc: 40.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: 0.008 min
Response: 6029487
Conc: 43.52 ug/ml



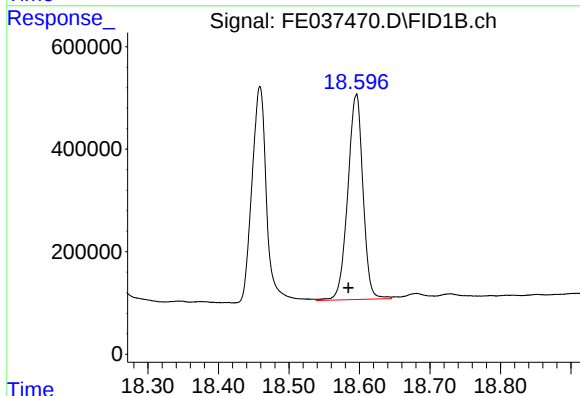
#17 n-Tricontane (C30)

R.T.: 17.767 min
Delta R.T.: 0.010 min
Response: 5809564
Conc: 42.71 ug/ml

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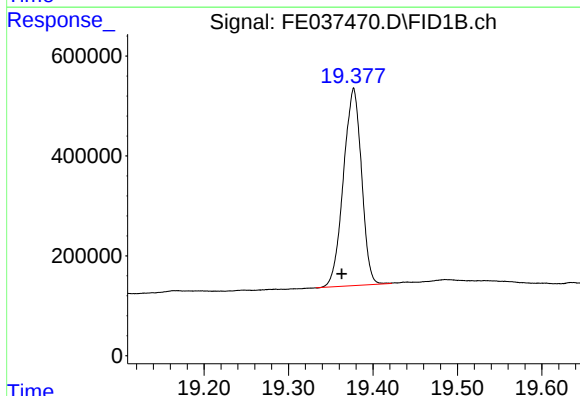
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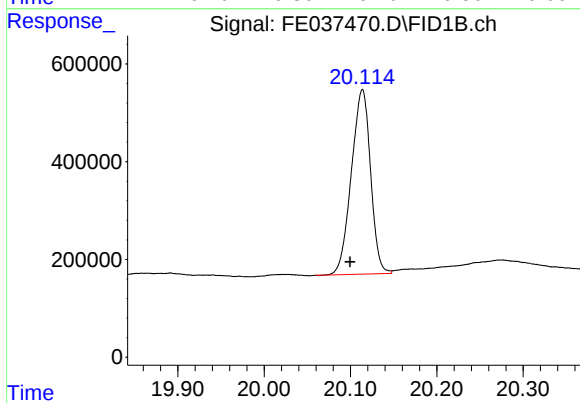
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: 0.011 min
Response: 5994315
Conc: 44.89 ug/ml



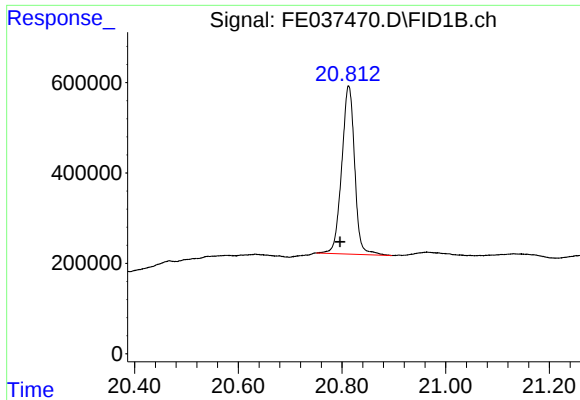
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: 0.014 min
Response: 5885958
Conc: 46.52 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.114 min
Delta R.T.: 0.014 min
Response: 5827346
Conc: 45.31 ug/ml



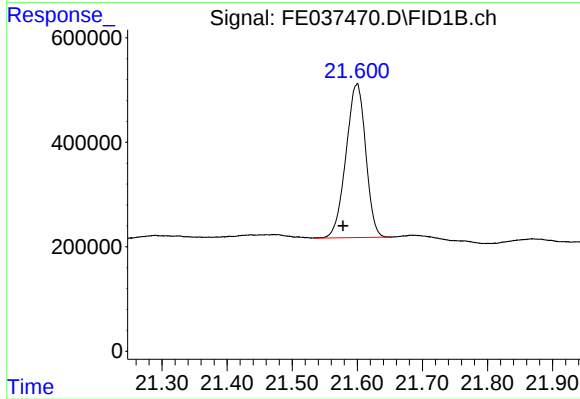
#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.016 min
Response: 6434134
Conc: 51.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.022 min
Response: 6191377
Conc: 48.03 ug/ml m