

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037421.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 17:02
 Operator : YP\AJ
 Sample : PB147475BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147475BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E
 Quant Time: Sep 07 02:44:10 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)	11.643	6749988	39.943 ug/ml
Spiked Amount 50.000		Recovery =	79.89%
12) S 1-chlorooctadecane (S...	13.066	5436648	42.243 ug/ml
Spiked Amount 50.000		Recovery =	84.49%
Target Compounds			
1) T n-Nonane (C9)	3.049	5864065	38.326 ug/ml
2) T n-Decane (C10)	4.300	5996322	38.893 ug/ml
3) T A~Naphthalene (C11.7)	6.008	6242691	43.331 ug/ml
4) T n-Dodecane (C12)	6.466	6347879	40.143 ug/ml
5) T A~2-methylnaphthalene...	7.100	6185904	44.307 ug/ml
6) T n-Tetradecane (C14)	9.886	6979136	44.045 ug/ml
7) T n-Hexadecane (C16)	9.886	6979136	44.045 ug/ml
8) T n-Octadecane (C18)	11.322	7168991	45.019 ug/ml
10) T n-Eicosane (C20)	12.624	6899036	43.604 ug/ml
11) T n-Heneicosane (C21)	13.233	6784329	43.023 ug/ml
13) T n-Docosane (C22)	13.816	6661464	42.792 ug/ml
14) T n-Tetracosane (C24)	14.911	12597335	83.757 ug/ml
15) T n-Hexacosane (C26)	15.931	6183563	42.703 ug/ml
16) T n-Octacosane (C28)	16.874	6208349	44.813 ug/ml
17) T n-Tricontane (C30)	17.759	5918716	43.510 ug/ml
18) T n-Dotriacontane (C32)	18.586	6006102	44.978 ug/ml
19) T n-Tetratriacontane (C34)	19.365	5975014	47.223 ug/ml
20) T n-Hexatriacontane (C36)	20.101	5866219	45.611 ug/ml
21) T n-Octatriacontane (C38)	20.800	5945948	47.774 ug/ml
22) T n-Tetracontane (C40)	21.581	6324920	49.063 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

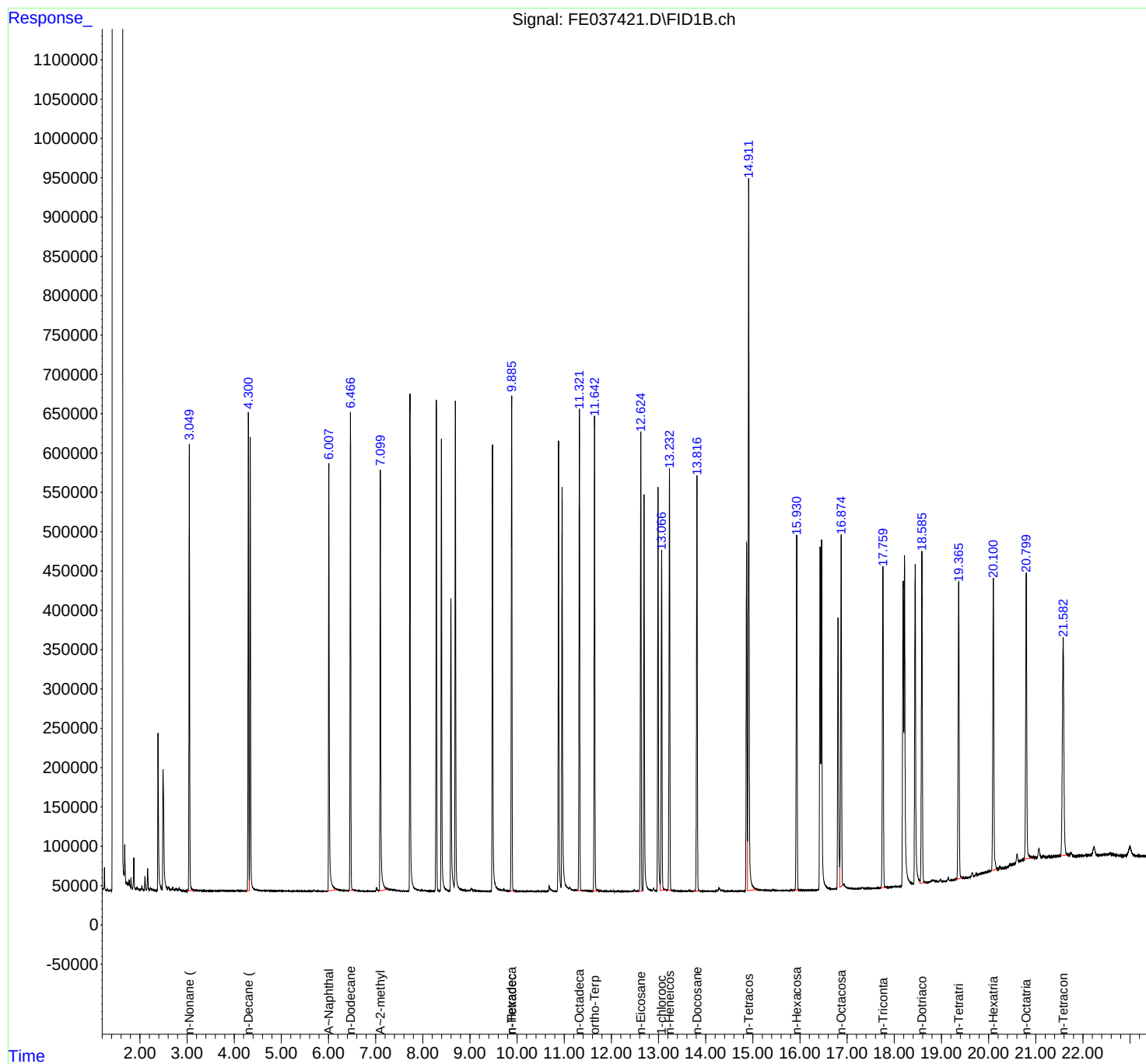
Instrument :
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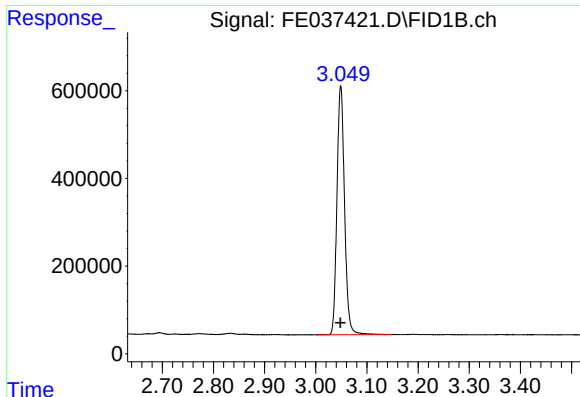
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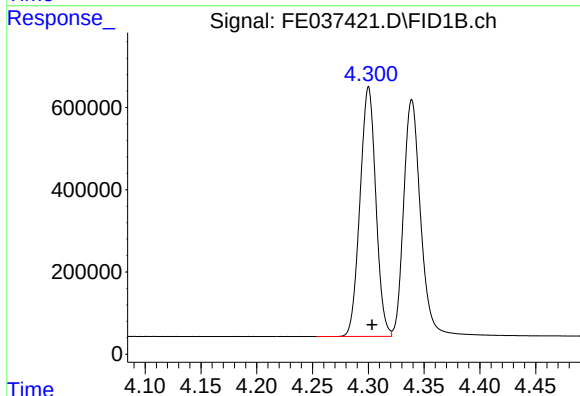
#1 n-Nonane (C9)

R.T.: 3.049 min
Delta R.T.: 0.000 min
Response: 5864065
Conc: 38.33 ug/ml

Instrument :
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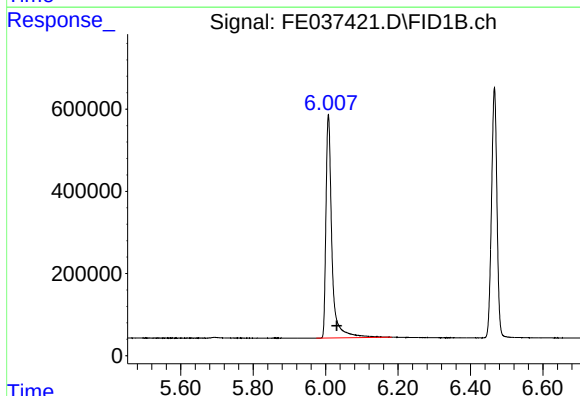
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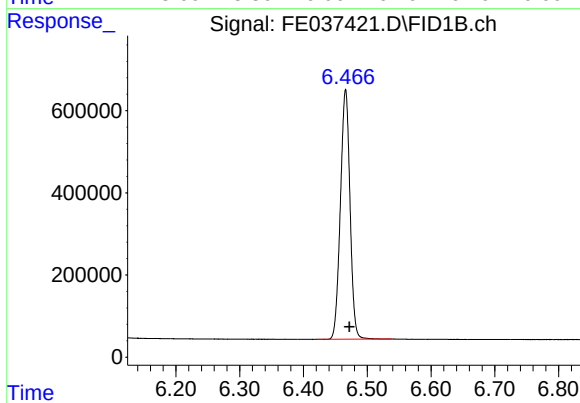
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 5996322
Conc: 38.89 ug/ml



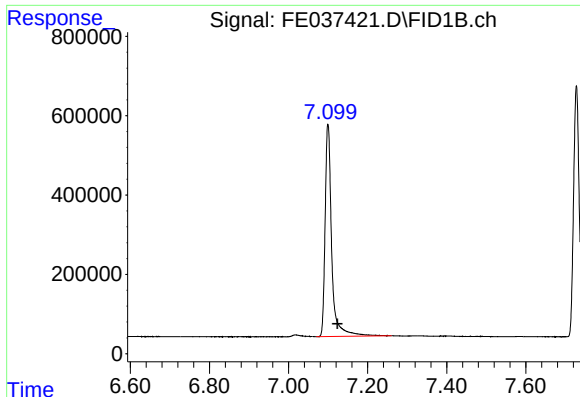
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.023 min
Response: 6242691
Conc: 43.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.006 min
Response: 6347879
Conc: 40.14 ug/ml



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

R.T.: 7.100 min
Delta R.T.: -0.024 min
Response: 6185904
Conc: 44.31 ug/ml

Instrument :

FID_E

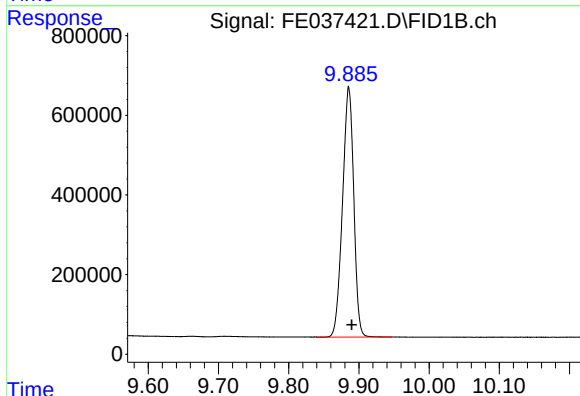
ClientSampleId :

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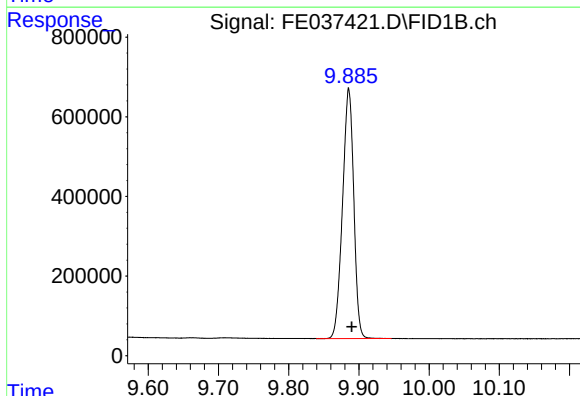
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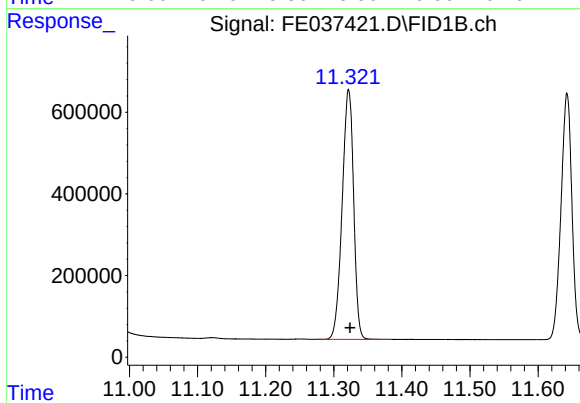
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 6979136
Conc: 44.05 ug/ml



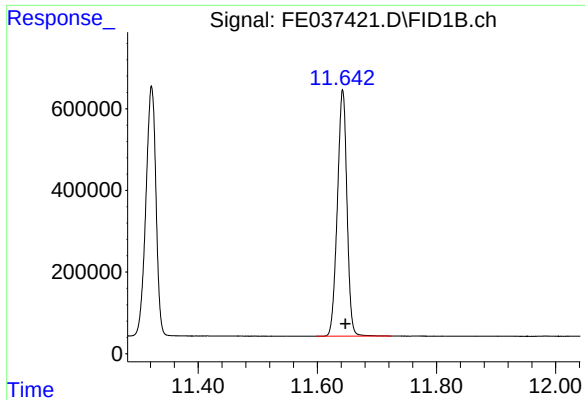
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 6979136
Conc: 44.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: -0.002 min
Response: 7168991
Conc: 45.02 ug/ml



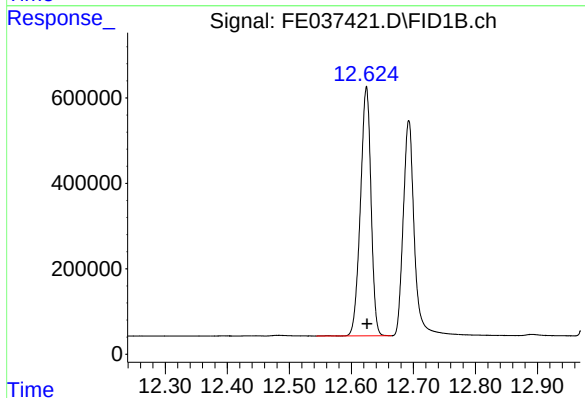
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.004 min
Response: 6749988
Conc: 39.94 ug/ml

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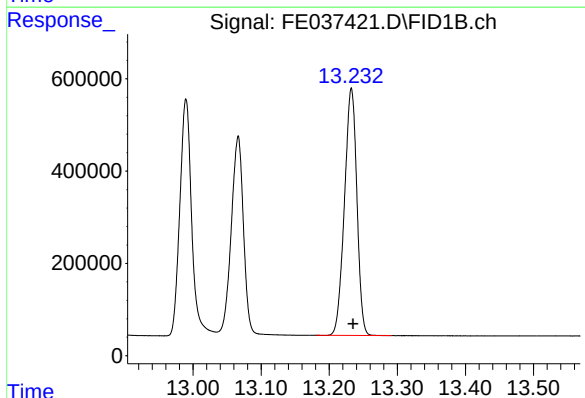
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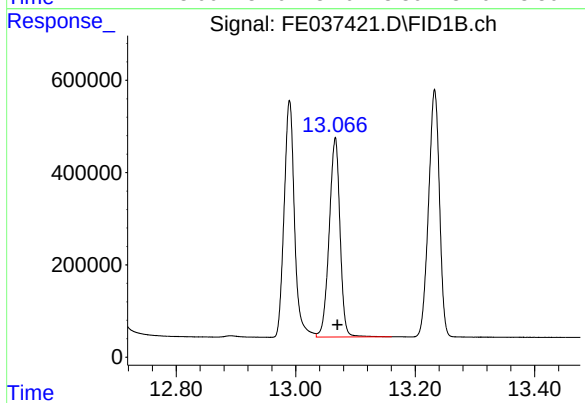
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.001 min
Response: 6899036
Conc: 43.60 ug/ml



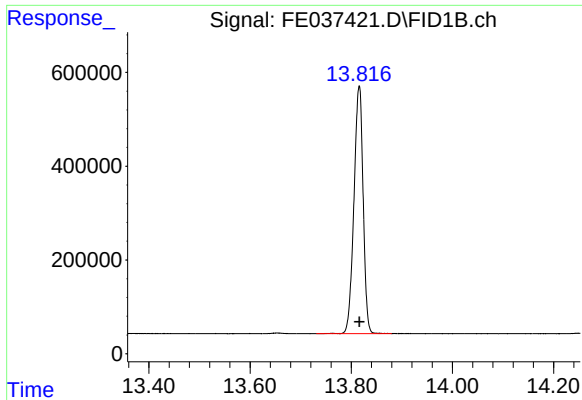
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 6784329
Conc: 43.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.003 min
Response: 5436648
Conc: 42.24 ug/ml



#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: 0.000 min
Response: 6661464
Conc: 42.79 ug/ml

Instrument :

FID_E

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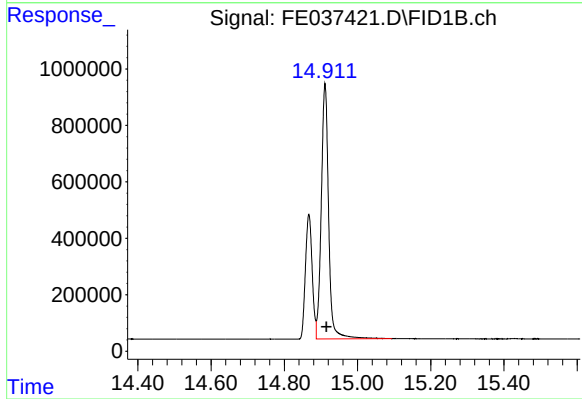
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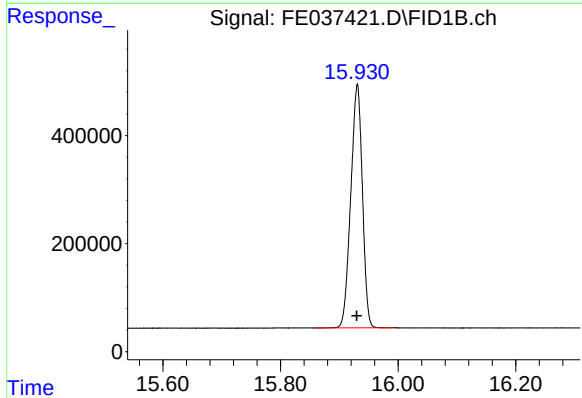
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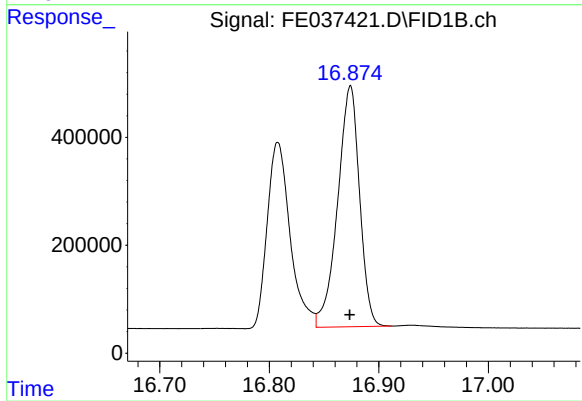
#14 n-Tetracosane (C24)

R.T.: 14.911 min
Delta R.T.: -0.003 min
Response: 12597335
Conc: 83.76 ug/ml



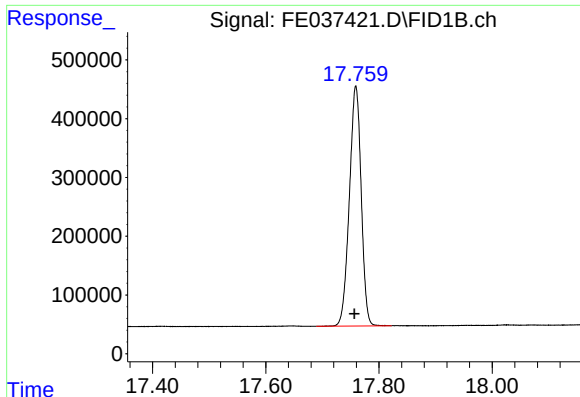
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: 0.001 min
Response: 6183563
Conc: 42.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.874 min
Delta R.T.: 0.000 min
Response: 6208349
Conc: 44.81 ug/ml



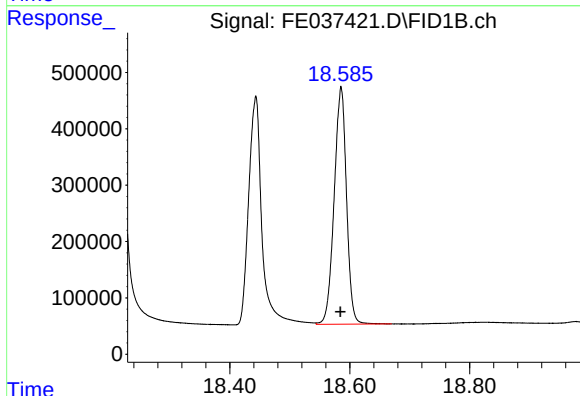
#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: 0.002 min
Response: 5918716
Conc: 43.51 ug/ml

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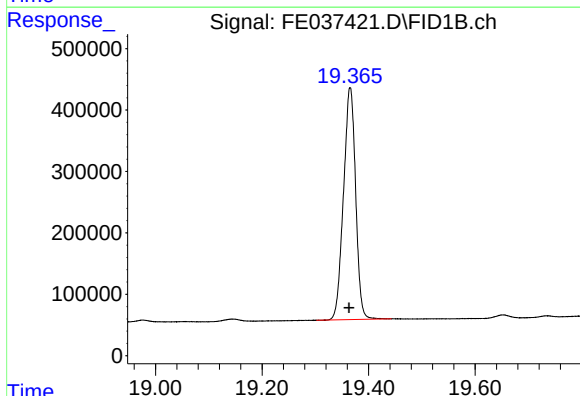
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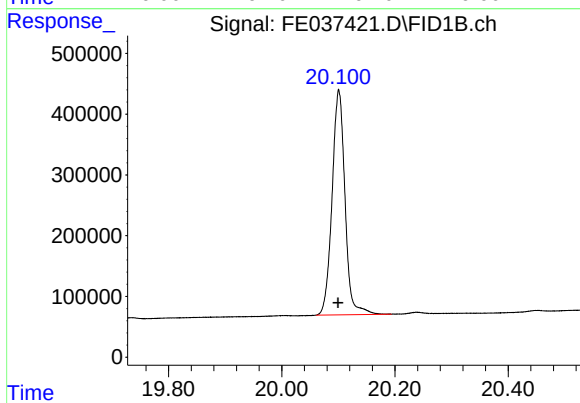
#18 n-Dotriacontane (C32)

R.T.: 18.586 min
Delta R.T.: 0.002 min
Response: 6006102
Conc: 44.98 ug/ml



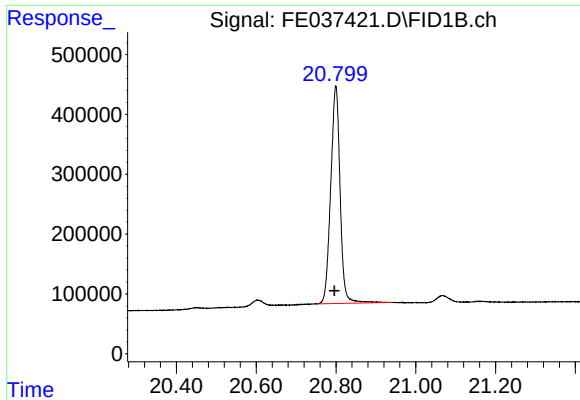
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: 0.002 min
Response: 5975014
Conc: 47.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.101 min
Delta R.T.: 0.001 min
Response: 5866219
Conc: 45.61 ug/ml



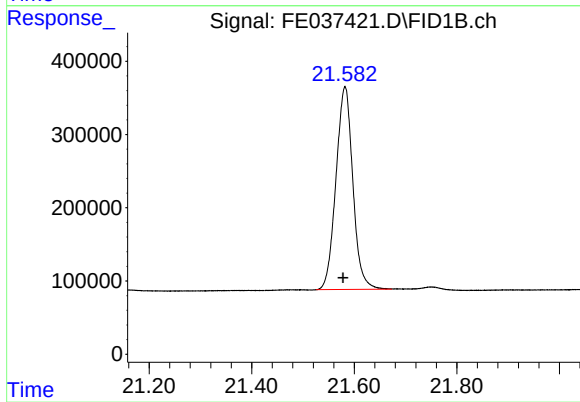
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.003 min
Response: 5945948
Conc: 47.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.581 min
Delta R.T.: 0.003 min
Response: 6324920
Conc: 49.06 ug/ml m