

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037448.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 20:15
 Operator : YP\AJ
 Sample : N4514-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-090622MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 03:05:40 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)	11.646	4837592	28.626 ug/ml
Spiked Amount 50.000		Recovery =	57.25%
12) S 1-chlorooctadecane (S...	13.074	22597634	175.585 ug/ml
Spiked Amount 50.000		Recovery =	351.17%
Target Compounds			
1) T n-Nonane (C9)	3.038	3853633	25.186 ug/ml
2) T n-Decane (C10)	4.296	4364965	28.311 ug/ml
3) T A~Naphthalene (C11.7)	6.010	4673692	32.440 ug/ml
4) T n-Dodecane (C12)	6.467	5031803	31.820 ug/ml
5) T A~2-methylnaphthalene...	7.103	4935930	35.354 ug/ml
6) T n-Tetradecane (C14)	9.889	6149972	38.813 ug/ml
7) T n-Hexadecane (C16)	9.889	6149972	38.813 ug/ml
8) T n-Octadecane (C18)	11.325	6392185	40.141 ug/ml
10) T n-Eicosane (C20)	12.629	6086681	38.469 ug/ml
11) T n-Heneicosane (C21)	13.239	5814655	36.874 ug/ml
13) T n-Docosane (C22)	13.822	5815604	37.359 ug/ml
14) T n-Tetracosane (C24)	14.919	11155263	74.169 ug/ml
15) T n-Hexacosane (C26)	15.938	5413557	37.386 ug/ml
16) T n-Octacosane (C28)	16.883	5671308	40.937 ug/ml
17) T n-Tricontane (C30)	17.770	5545966	40.770 ug/ml
18) T n-Dotriacontane (C32)	18.599	6108843	45.748 ug/ml
19) T n-Tetratriacontane (C34)	19.380	5684448	44.927 ug/ml
20) T n-Hexatriacontane (C36)	20.117	5316516	41.337 ug/ml
21) T n-Octatriacontane (C38)	20.819	6519508	52.382 ug/ml
22) T n-Tetracontane (C40)	21.608	5942213	46.094 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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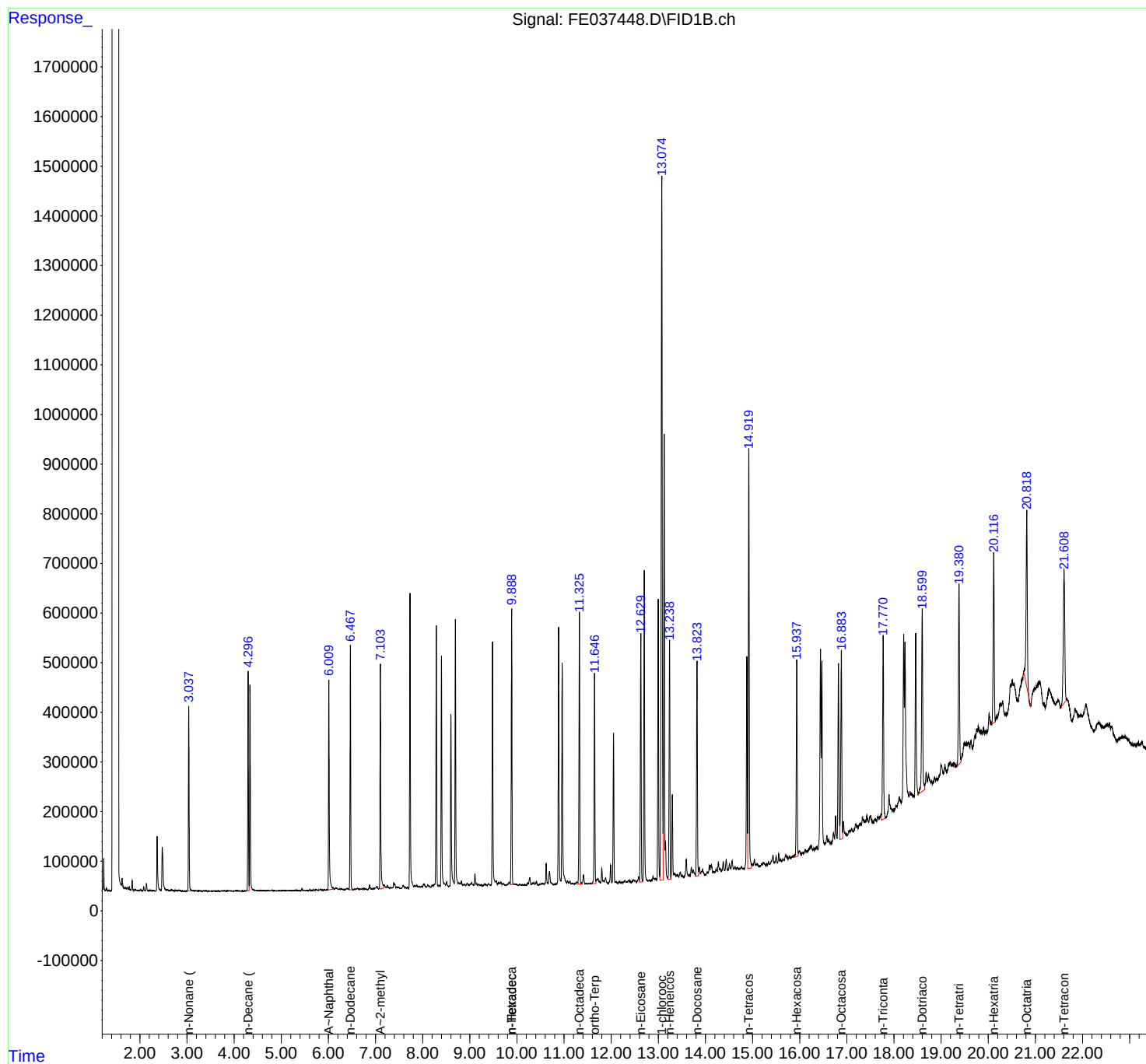
Instrument :
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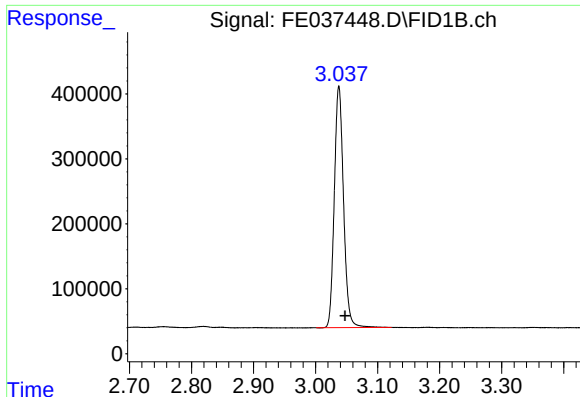
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#1 n-Nonane (C9)

R.T.: 3.038 min
Delta R.T.: -0.010 min
Response: 3853633
Conc: 25.19 ug/ml

Instrument :

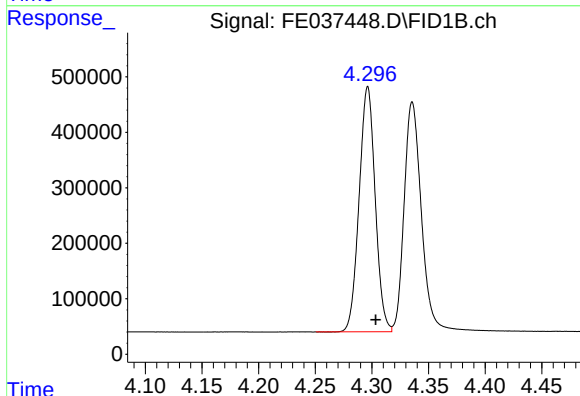
FID_E

ClientSampleId :

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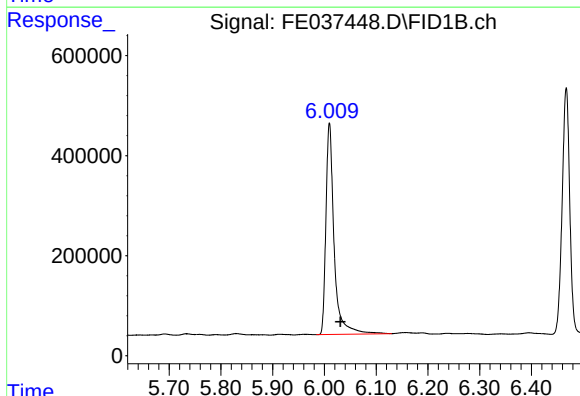
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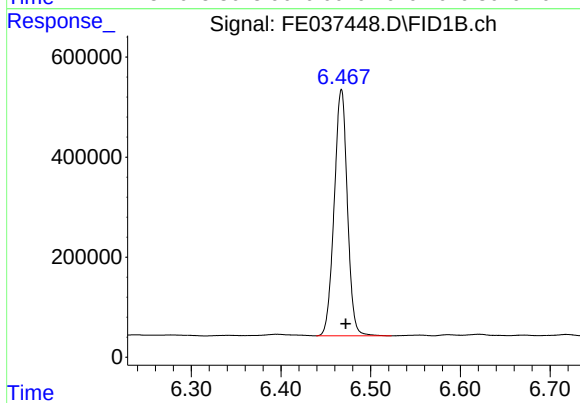
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 4364965
Conc: 28.31 ug/ml



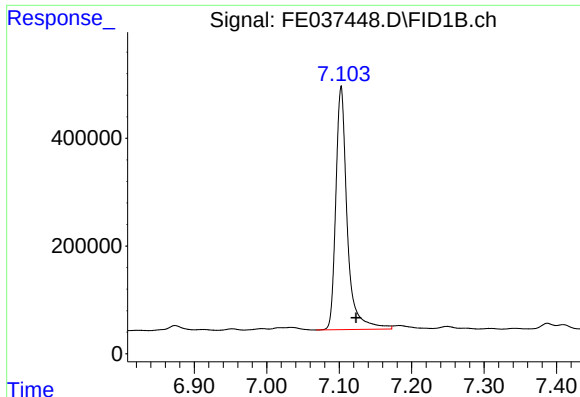
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.021 min
Response: 4673692
Conc: 32.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 5031803
Conc: 31.82 ug/ml



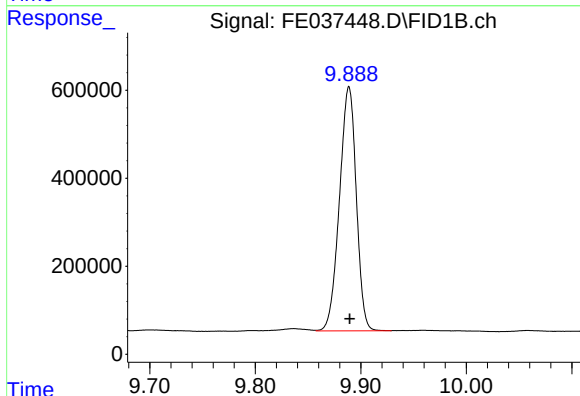
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.021 min
Response: 4935930
Conc: 35.35 ug/ml

Instrument :
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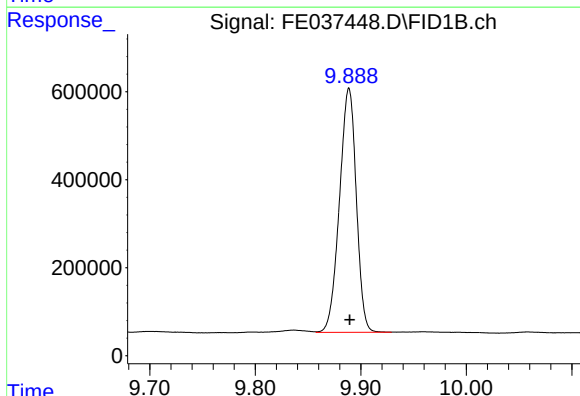
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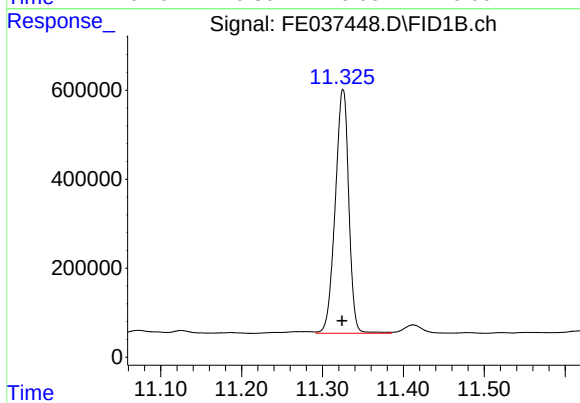
#6 n-Tetradecane (C14)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6149972
Conc: 38.81 ug/ml



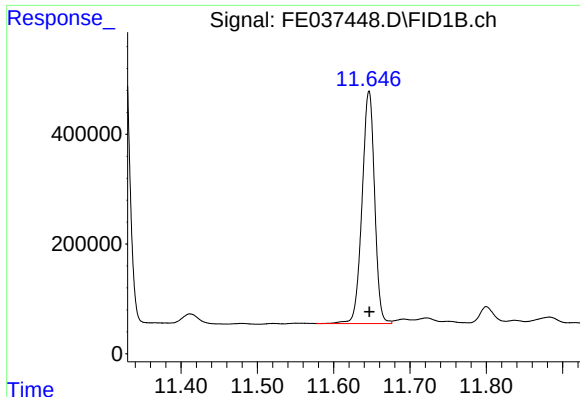
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 6149972
Conc: 38.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.001 min
Response: 6392185
Conc: 40.14 ug/ml



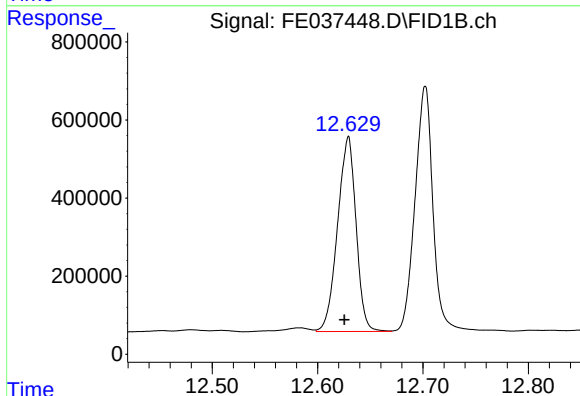
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 4837592
Conc: 28.63 ug/ml

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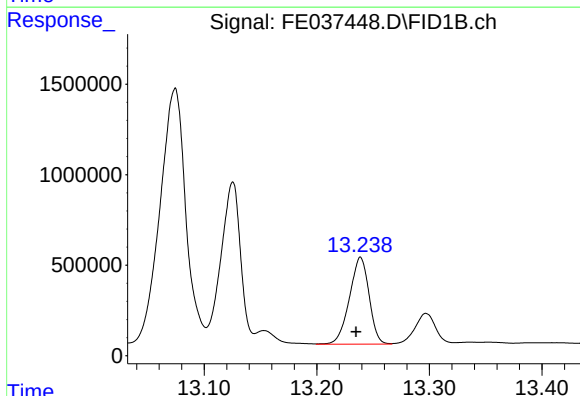
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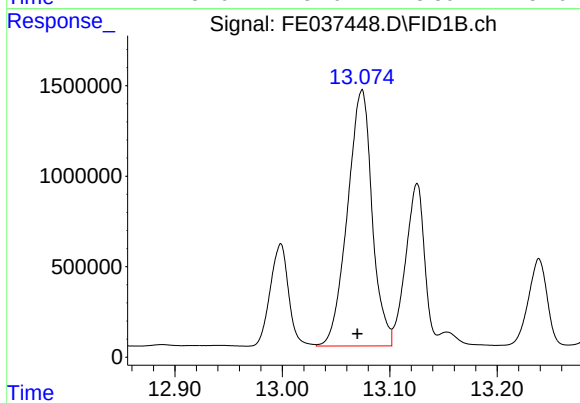
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: 0.004 min
Response: 6086681
Conc: 38.47 ug/ml



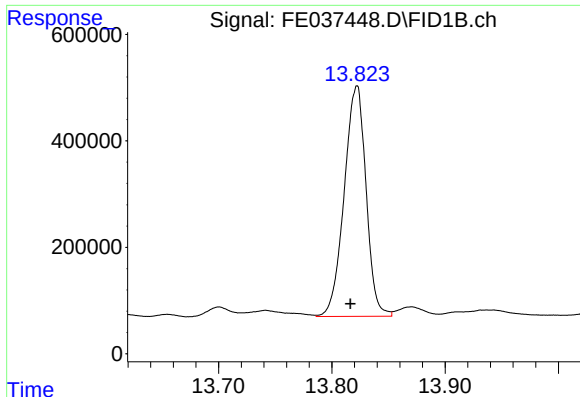
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: 0.004 min
Response: 5814655
Conc: 36.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: 0.004 min
Response: 22597634
Conc: 175.59 ug/ml



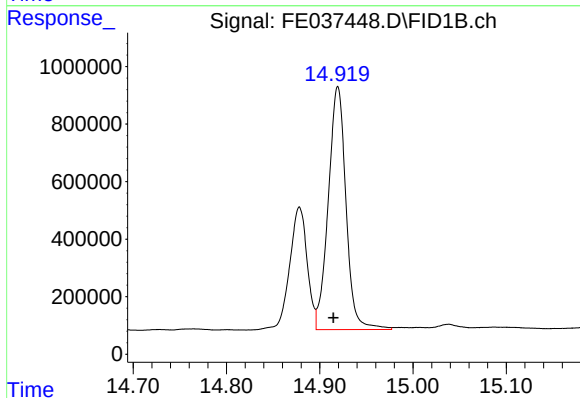
#13 n-Docosane (C22)

R.T.: 13.822 min
Delta R.T.: 0.006 min
Response: 5815604
Conc: 37.36 ug/ml

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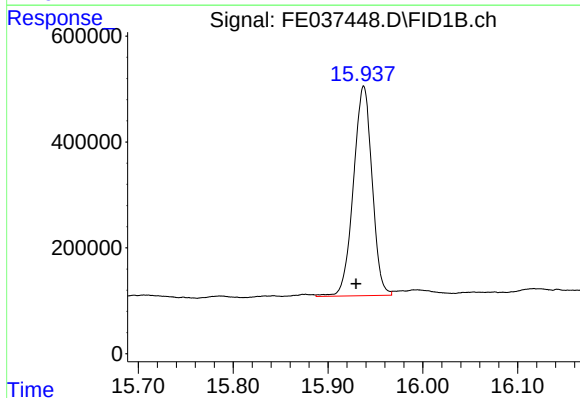
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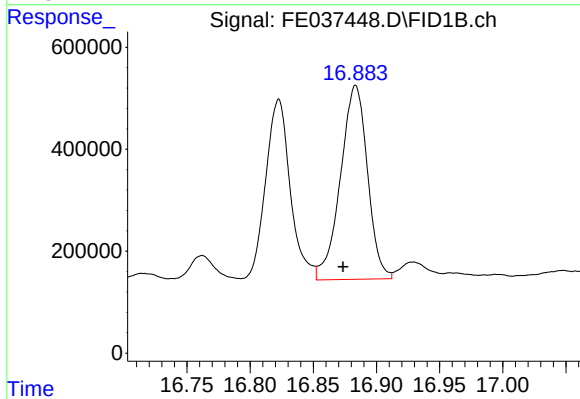
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: 0.005 min
Response: 11155263
Conc: 74.17 ug/ml



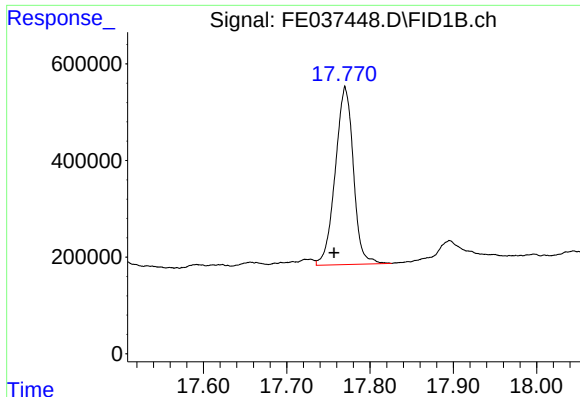
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: 0.008 min
Response: 5413557
Conc: 37.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: 0.010 min
Response: 5671308
Conc: 40.94 ug/ml



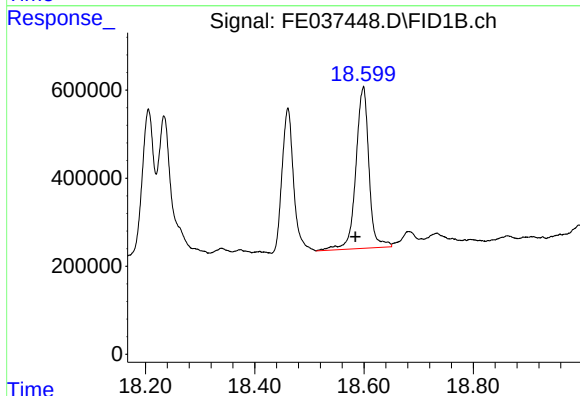
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: 0.013 min
Response: 5545966
Conc: 40.77 ug/ml

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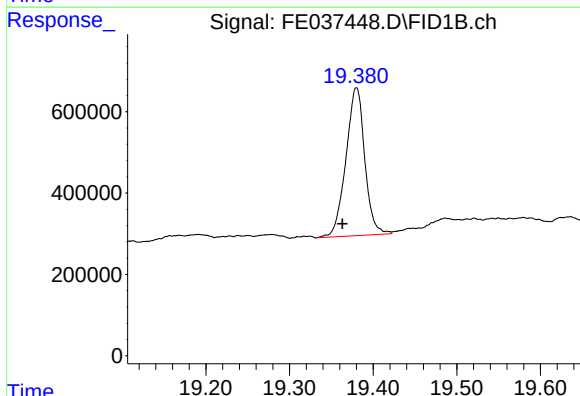
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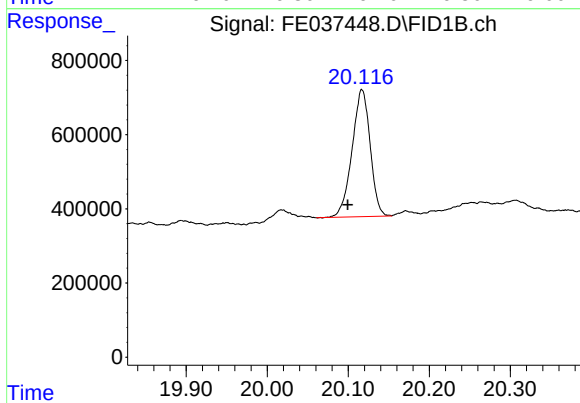
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: 0.015 min
Response: 6108843
Conc: 45.75 ug/ml



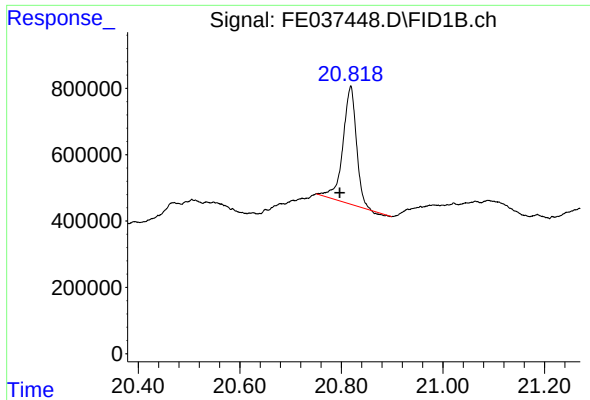
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: 0.017 min
Response: 5684448
Conc: 44.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.117 min
Delta R.T.: 0.018 min
Response: 5316516
Conc: 41.34 ug/ml



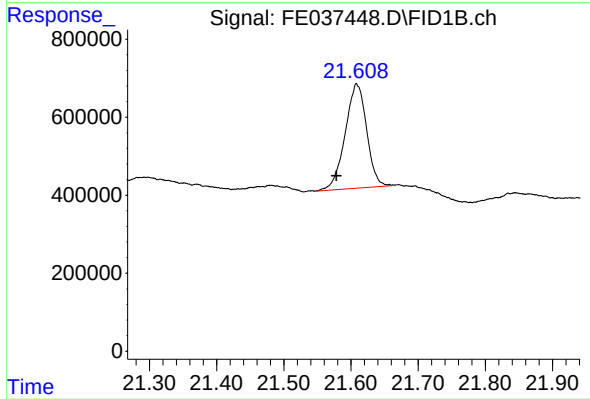
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.022 min
Response: 6519508
Conc: 52.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: 0.029 min
Response: 5942213
Conc: 46.09 ug/ml m