

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092222AL\
 Data File : FE037729.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2022 15:15
 Operator : YP\AJ
 Sample : PB147826BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147826BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2022
 Supervised By :Ankita Jodhani 09/23/2022

Integration File: autoint1.e
 Quant Time: Sep 23 03:43:21 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)	11.631	7342111	43.446 ug/ml
Spiked Amount 50.000		Recovery =	86.89%
12) S 1-chlorooctadecane (S...	13.054	5940826	46.161 ug/ml
Spiked Amount 50.000		Recovery =	92.32%
Target Compounds			
1) T n-Nonane (C9)	3.029	5653203	36.948 ug/ml
2) T n-Decane (C10)	4.282	5813699	37.708 ug/mlm
3) T A~Naphthalene (C11.7)	5.993	6182322	42.912 ug/ml
4) T n-Dodecane (C12)	6.451	6353443	40.178 ug/ml
5) T A~2-methylnaphthalene...	7.086	6243620	44.721 ug/ml
6) T n-Tetradecane (C14)	9.872	7374639	46.541 ug/ml
7) T n-Hexadecane (C16)	9.872	7374639	46.541 ug/ml
8) T n-Octadecane (C18)	11.308	7501251	47.106 ug/ml
10) T n-Eicosane (C20)	12.612	7193919	45.468 ug/ml
11) T n-Heneicosane (C21)	13.220	7062946	44.790 ug/ml
13) T n-Docosane (C22)	13.804	6942468	44.597 ug/ml
14) T n-Tetracosane (C24)	14.904	13361479	88.837 ug/ml
15) T n-Hexacosane (C26)	15.919	6603723	45.605 ug/ml
16) T n-Octacosane (C28)	16.862	6837034	49.351 ug/ml
17) T n-Tricontane (C30)	17.748	6507687	47.839 ug/ml
18) T n-Dotriacontane (C32)	18.574	6681625	50.037 ug/ml
19) T n-Tetratriacontane (C34)	19.354	6685887	52.841 ug/ml
20) T n-Hexatriacontane (C36)	20.092	6725678	52.294 ug/ml
21) T n-Octatriacontane (C38)	20.789	6972912	56.025 ug/ml
22) T n-Tetracontane (C40)	21.571	7361382	57.102 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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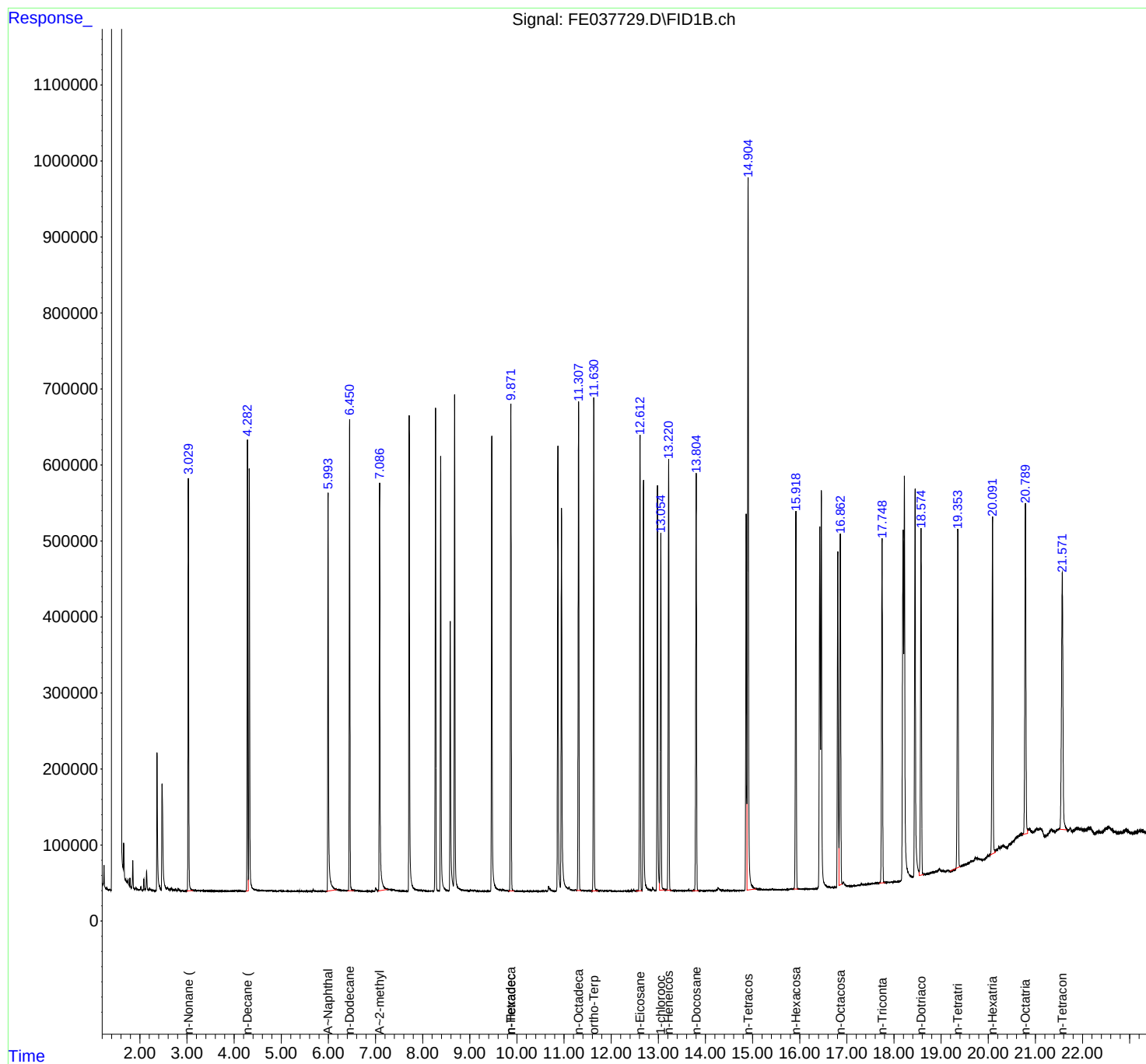
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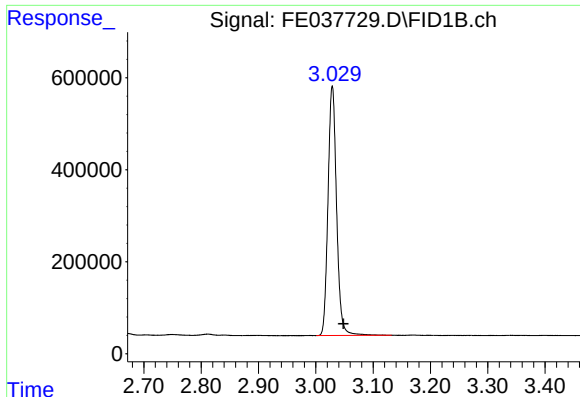
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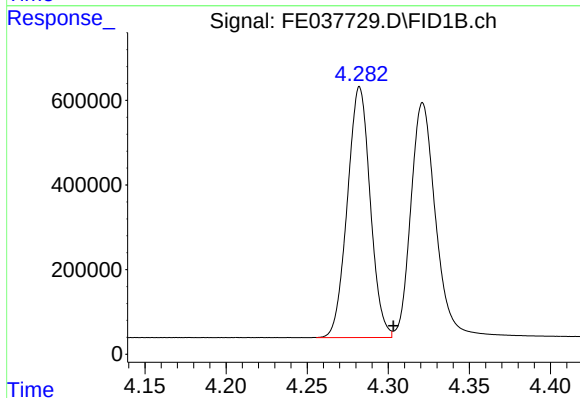
#1 n-Nonane (C9)

R.T.: 3.029 min
Delta R.T.: -0.019 min
Response: 5653203
Conc: 36.95 ug/ml

Instrument :
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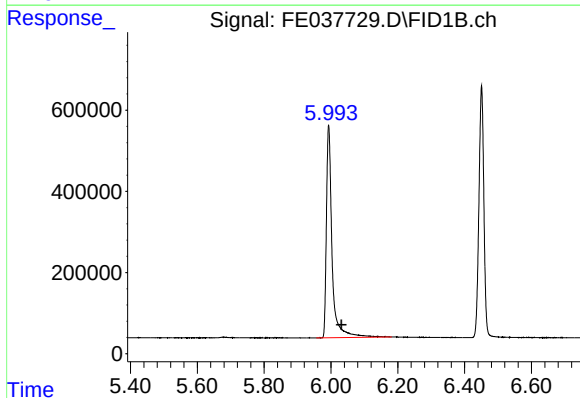
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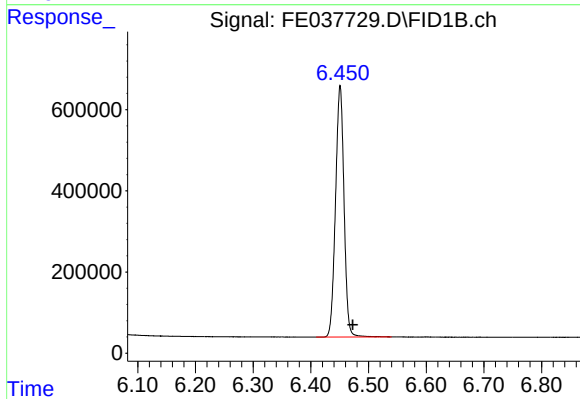
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.021 min
Response: 5813699
Conc: 37.71 ug/ml m



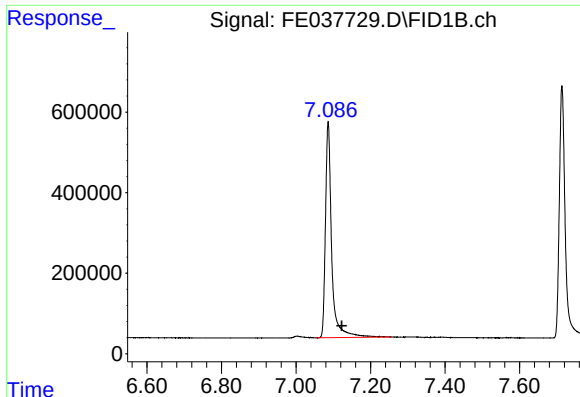
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.037 min
Response: 6182322
Conc: 42.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.022 min
Response: 6353443
Conc: 40.18 ug/ml



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

R.T.: 7.086 min
Delta R.T.: -0.037 min
Response: 6243620
Conc: 44.72 ug/ml

Instrument :

FID_E

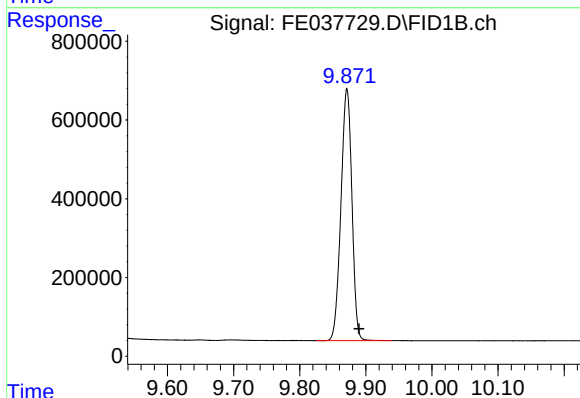
ClientSampleId :

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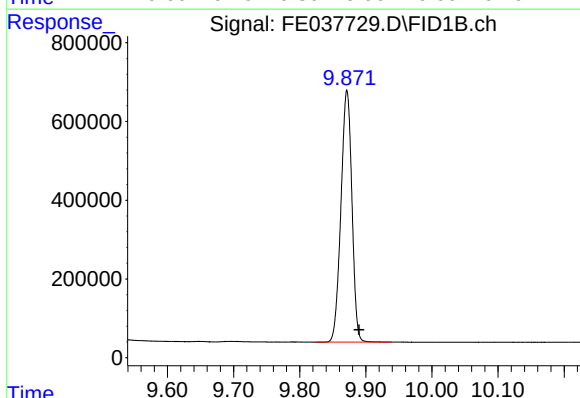
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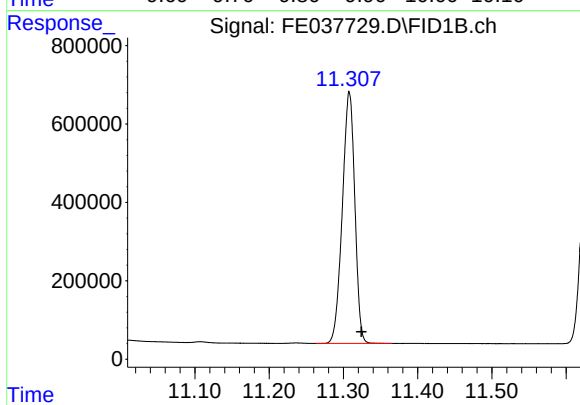
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 7374639
Conc: 46.54 ug/ml



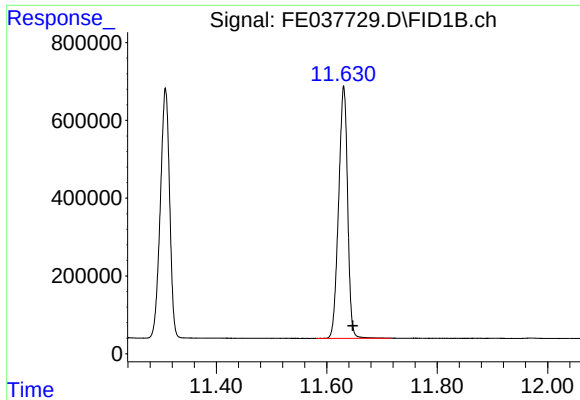
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 7374639
Conc: 46.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 7501251
Conc: 47.11 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.016 min
Response: 7342111
Conc: 43.45 ug/ml

Instrument :

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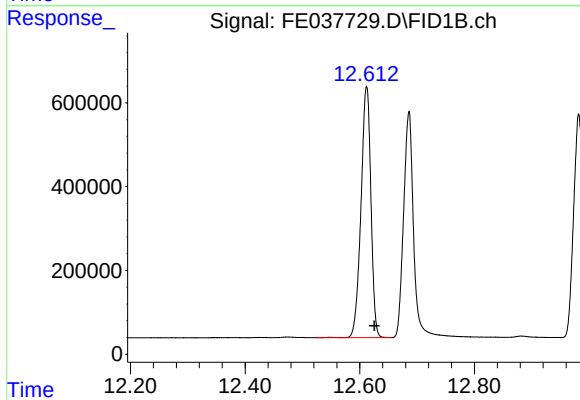
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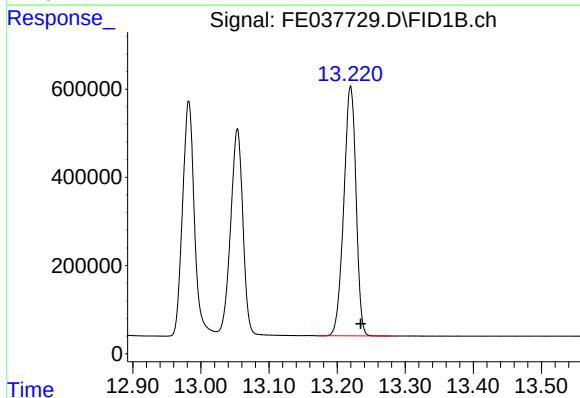
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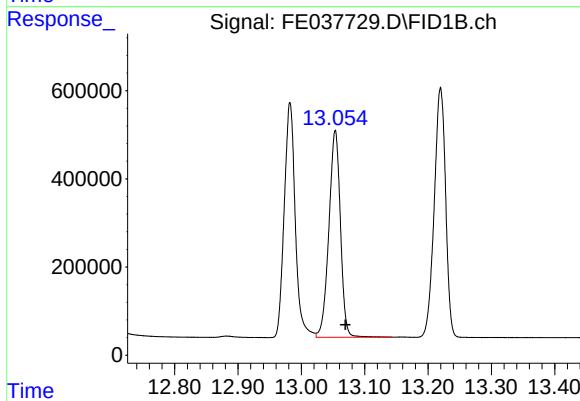
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.013 min
Response: 7193919
Conc: 45.47 ug/ml



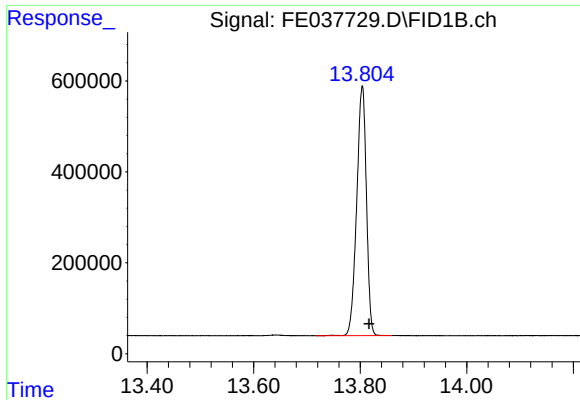
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.015 min
Response: 7062946
Conc: 44.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.016 min
Response: 5940826
Conc: 46.16 ug/ml



#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.012 min
Response: 6942468
Conc: 44.60 ug/ml

Instrument :

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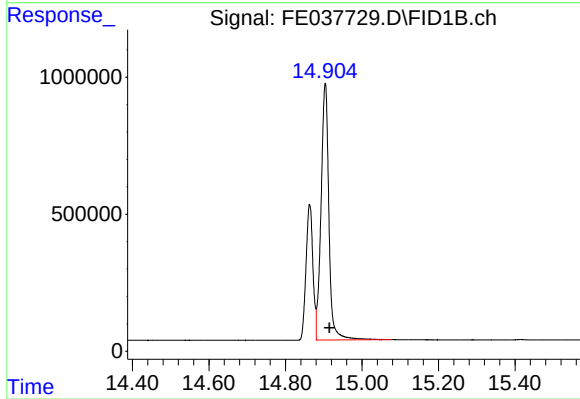
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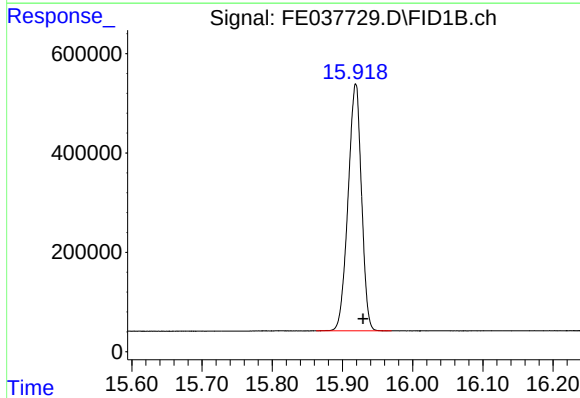
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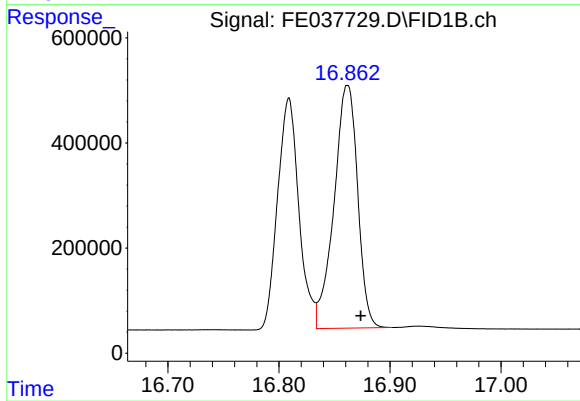
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.011 min
Response: 13361479
Conc: 88.84 ug/ml



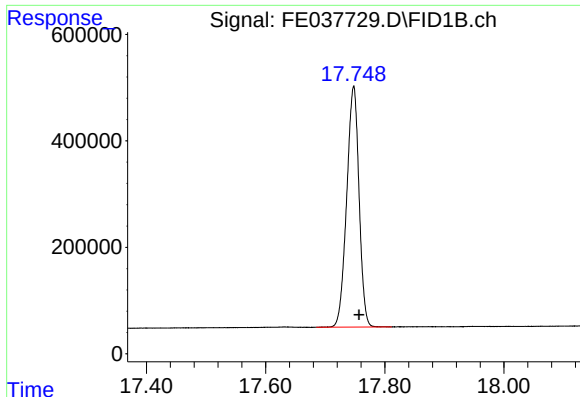
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.010 min
Response: 6603723
Conc: 45.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.862 min
Delta R.T.: -0.012 min
Response: 6837034
Conc: 49.35 ug/ml



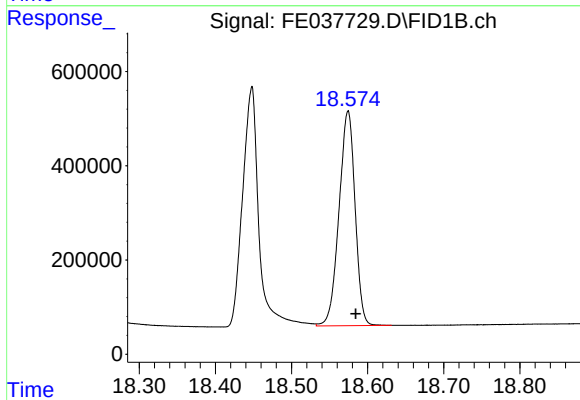
#17 n-Tricontane (C30)

R.T.: 17.748 min
Delta R.T.: -0.009 min
Response: 6507687
Conc: 47.84 ug/ml

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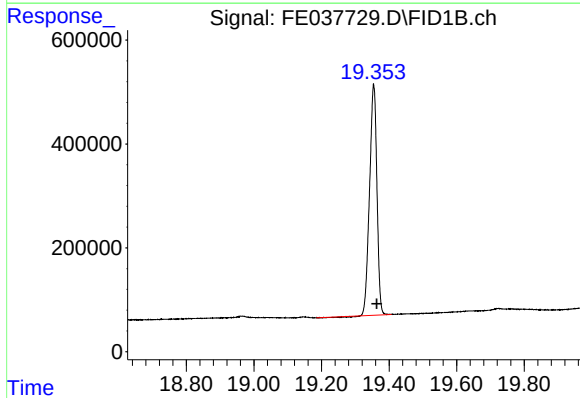
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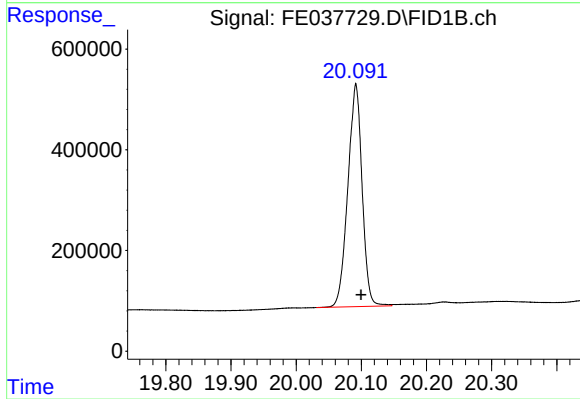
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.010 min
Response: 6681625
Conc: 50.04 ug/ml



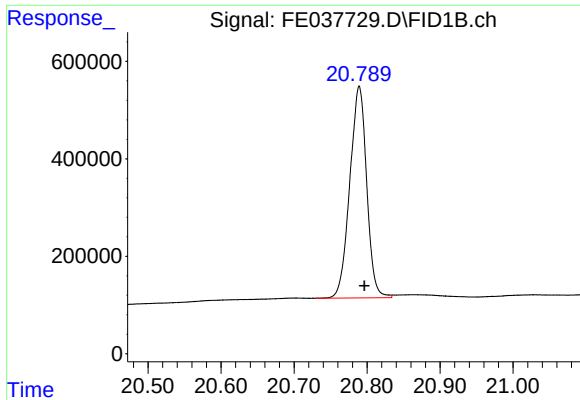
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.009 min
Response: 6685887
Conc: 52.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.008 min
Response: 6725678
Conc: 52.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.007 min
Response: 6972912
Conc: 56.03 ug/ml

Instrument :

FID_E

ClientSampleId :

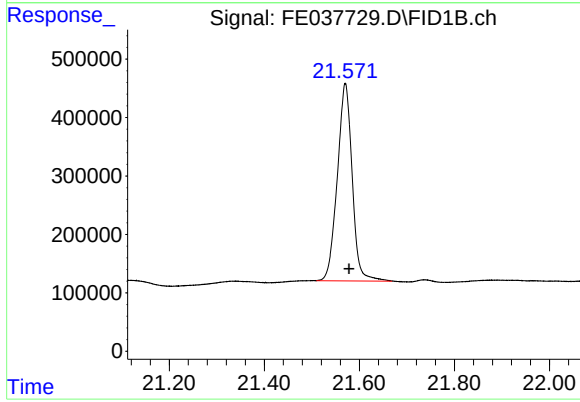
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#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.008 min
Response: 7361382
Conc: 57.10 ug/ml m