

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037755.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2022 17:29
 Operator : YP\AJ
 Sample : PB147866BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147866BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 24 17:18:56 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)	11.626	6810268	40.299 ug/ml
Spiked Amount 50.000		Recovery =	80.60%
12) S 1-chlorooctadecane (S...	13.050	5483127	42.604 ug/ml
Spiked Amount 50.000		Recovery =	85.21%
Target Compounds			
1) T n-Nonane (C9)	3.028	6065046	39.639 ug/ml
2) T n-Decane (C10)	4.281	6377303	41.364 ug/mlm
3) T A~Naphthalene (C11.7)	5.991	6729179	46.707 ug/ml
4) T n-Dodecane (C12)	6.449	6872351	43.459 ug/ml
5) T A~2-methylnaphthalene...	7.084	6621813	47.429 ug/ml
6) T n-Tetradecane (C14)	9.868	6926234	43.712 ug/ml
7) T n-Hexadecane (C16)	9.868	6926234	43.712 ug/ml
8) T n-Octadecane (C18)	11.304	6908340	43.382 ug/ml
10) T n-Eicosane (C20)	12.607	6592368	41.666 ug/ml
11) T n-Heneicosane (C21)	13.215	6464535	40.995 ug/ml
13) T n-Docosane (C22)	13.799	6327950	40.650 ug/ml
14) T n-Tetracosane (C24)	14.898	12337294	82.028 ug/ml
15) T n-Hexacosane (C26)	15.913	5990985	41.373 ug/ml
16) T n-Octacosane (C28)	16.857	6363854	45.936 ug/ml
17) T n-Tricontane (C30)	17.743	5867422	43.133 ug/ml
18) T n-Dotriacontane (C32)	18.569	6061553	45.394 ug/ml
19) T n-Tetratriacontane (C34)	19.351	6014557	47.536 ug/ml
20) T n-Hexatriacontane (C36)	20.087	5859812	45.561 ug/ml
21) T n-Octatriacontane (C38)	20.784	6111873	49.107 ug/ml
22) T n-Tetracontane (C40)	21.561	6025374	46.739 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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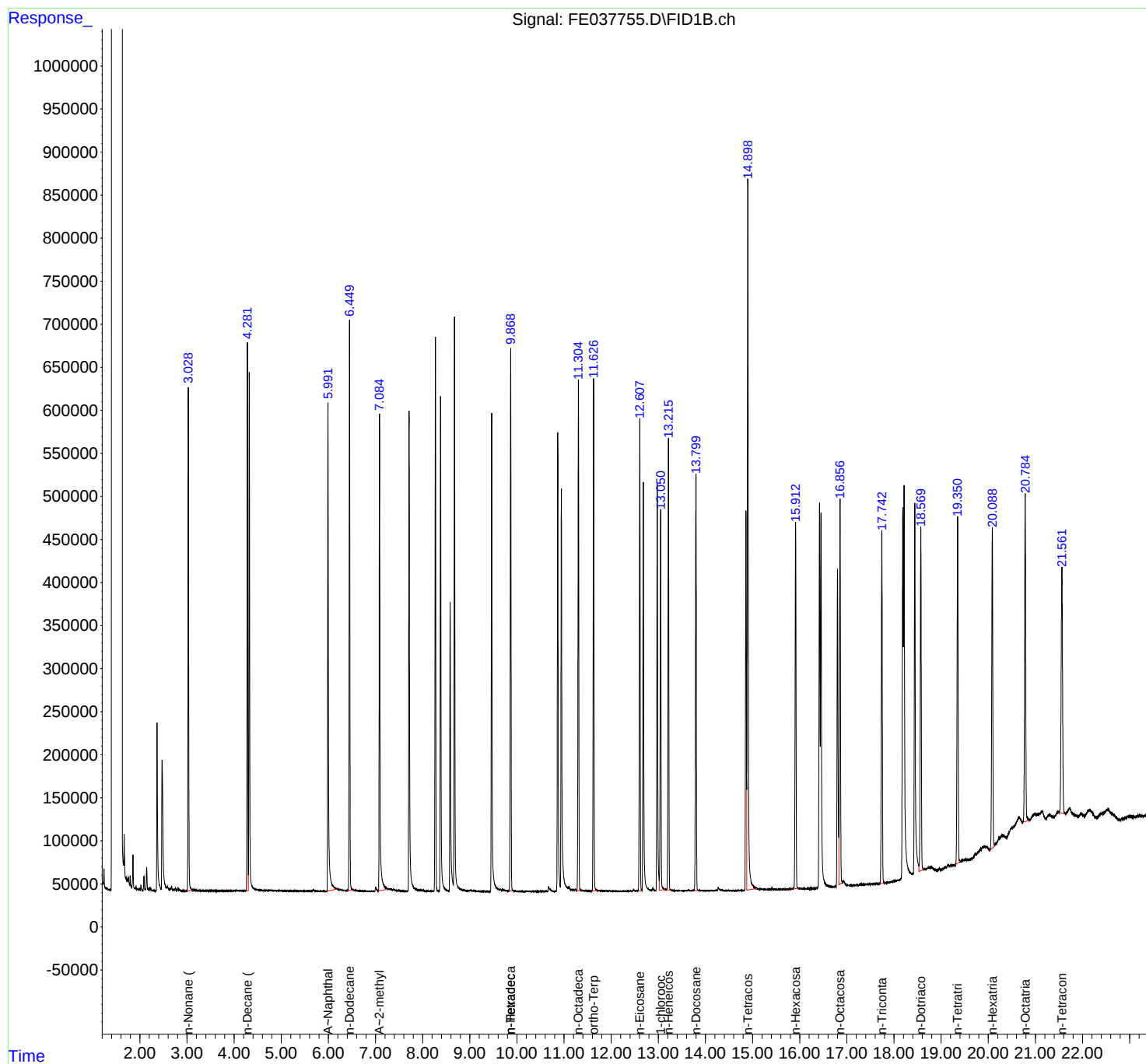
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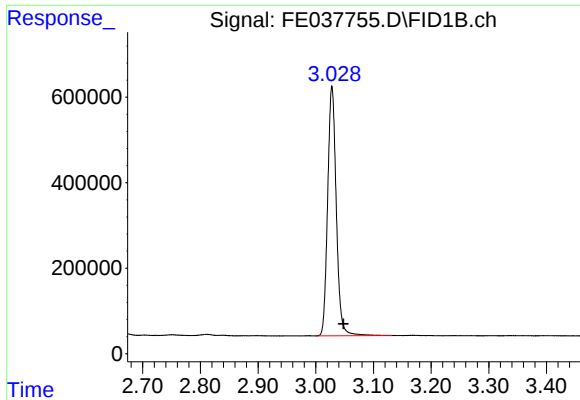
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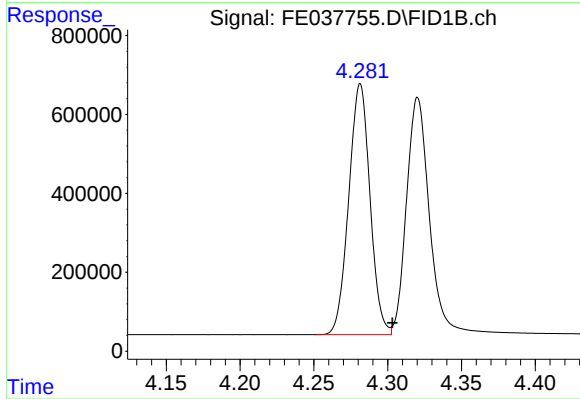
#1 n-Nonane (C9)

R.T.: 3.028 min
Delta R.T.: -0.020 min
Response: 6065046
Conc: 39.64 ug/ml

Instrument :
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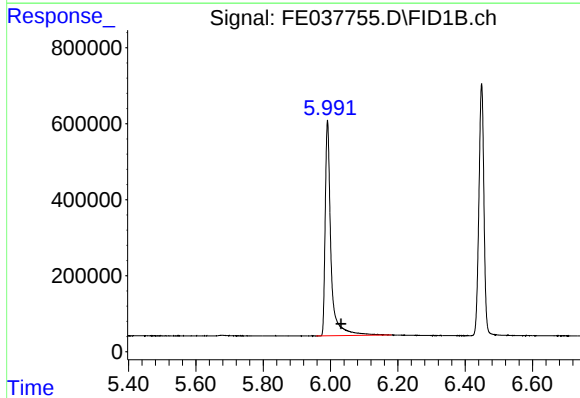
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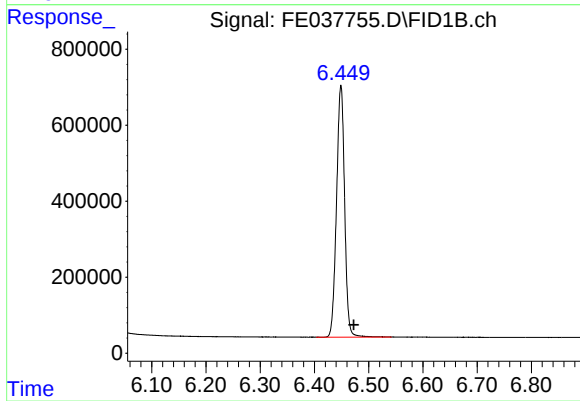
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.022 min
Response: 6377303
Conc: 41.36 ug/ml m



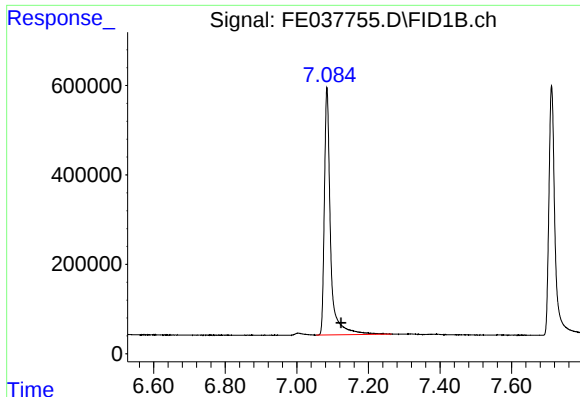
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.040 min
Response: 6729179
Conc: 46.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.449 min
Delta R.T.: -0.023 min
Response: 6872351
Conc: 43.46 ug/ml



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

R.T.: 7.084 min
Delta R.T.: -0.039 min
Response: 6621813
Conc: 47.43 ug/ml

Instrument :

FID_E

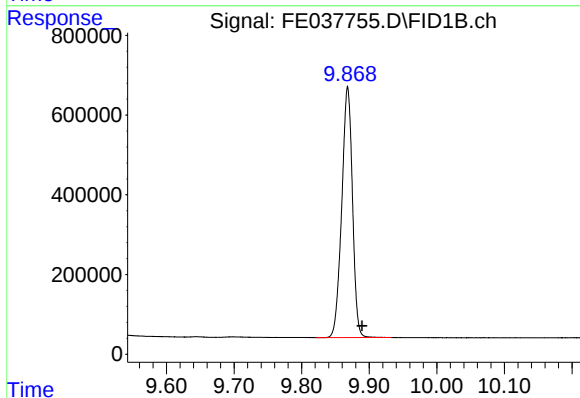
ClientSampleId :

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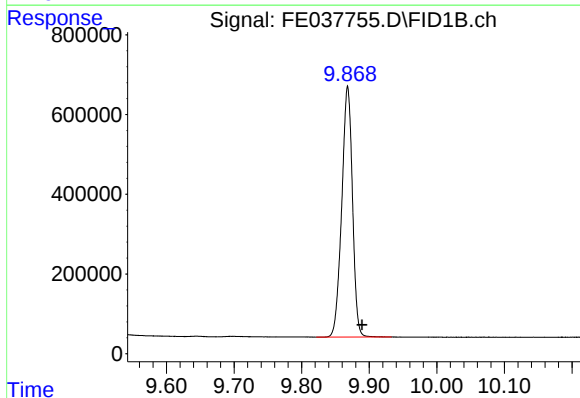
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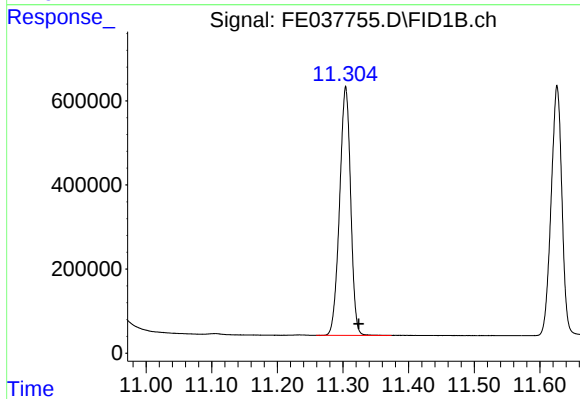
#6 n-Tetradecane (C14)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 6926234
Conc: 43.71 ug/ml



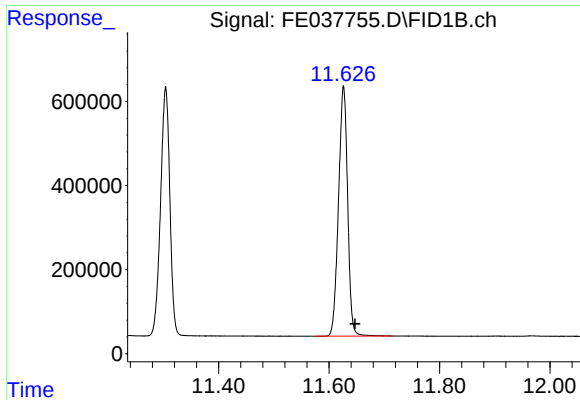
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 6926234
Conc: 43.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.020 min
Response: 6908340
Conc: 43.38 ug/ml



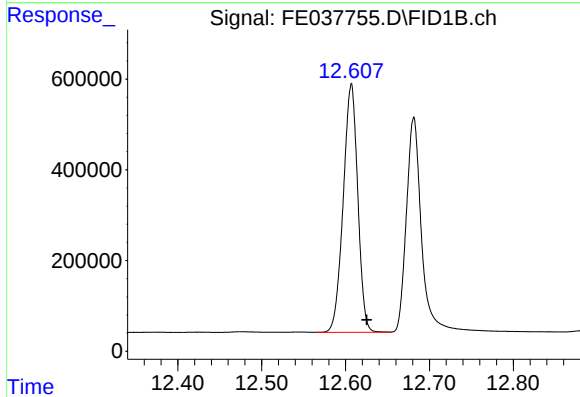
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.021 min
Response: 6810268
Conc: 40.30 ug/ml

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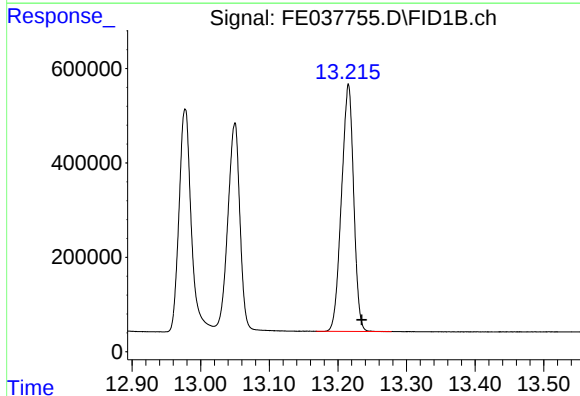
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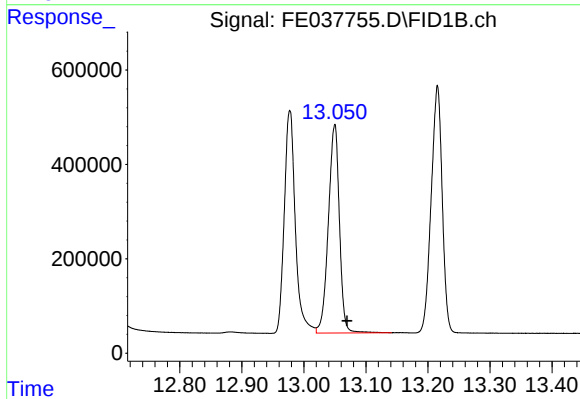
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.018 min
Response: 6592368
Conc: 41.67 ug/ml



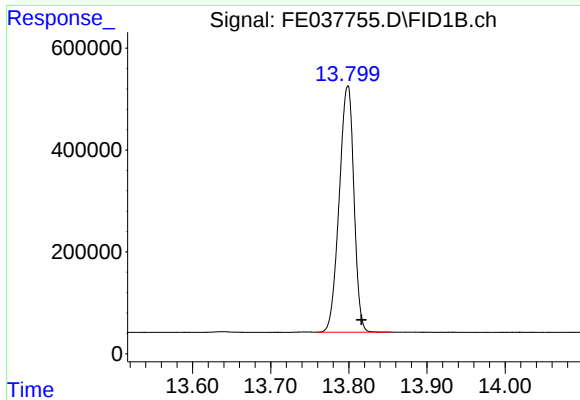
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.019 min
Response: 6464535
Conc: 41.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 5483127
Conc: 42.60 ug/ml



#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.018 min
Response: 6327950
Conc: 40.65 ug/ml

Instrument :

FID_E

ClientSampleId :

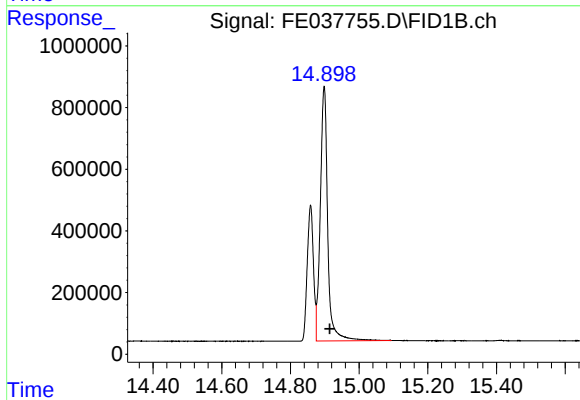
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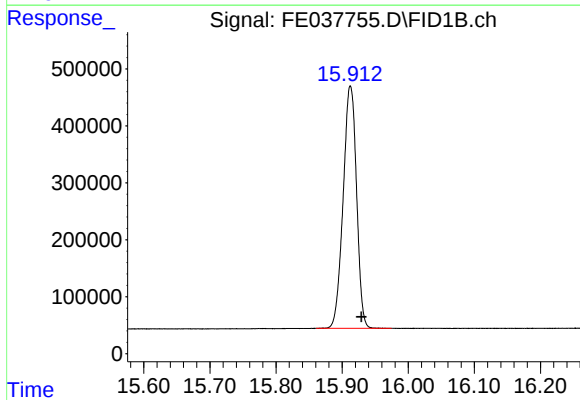
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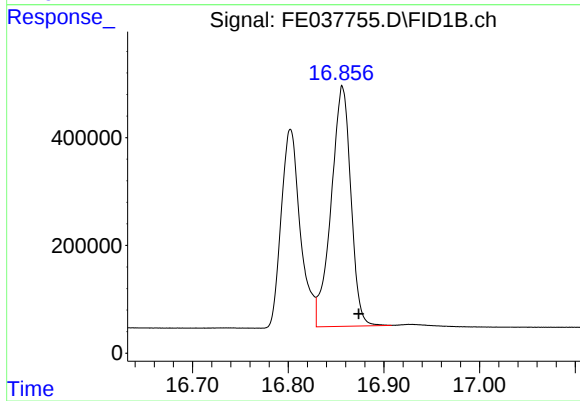
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.016 min
Response: 12337294
Conc: 82.03 ug/ml



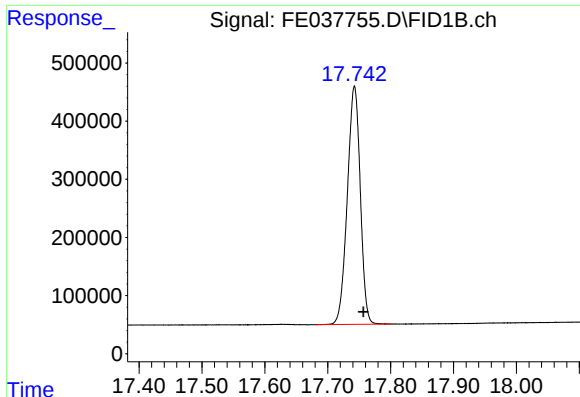
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.017 min
Response: 5990985
Conc: 41.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.017 min
Response: 6363854
Conc: 45.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 5867422
Conc: 43.13 ug/ml

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FID_E

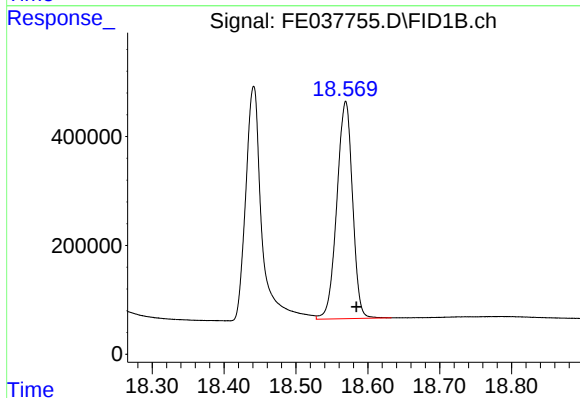
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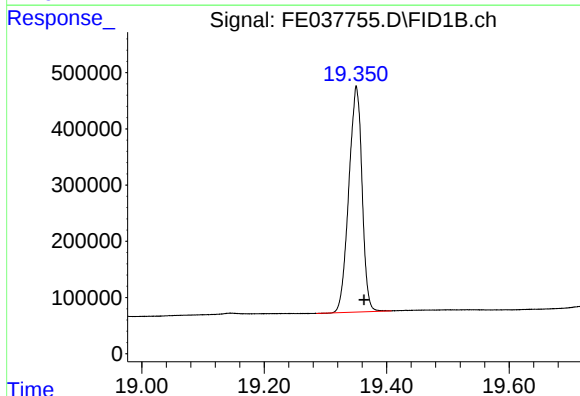
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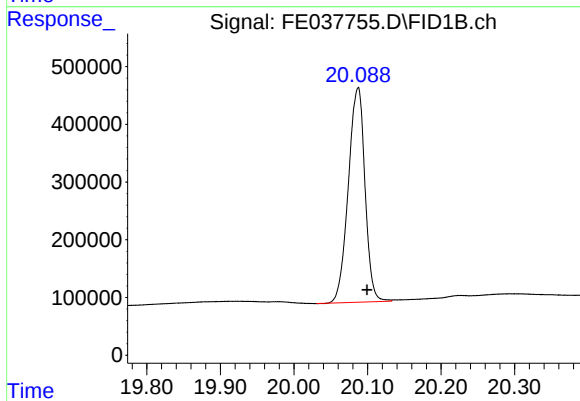
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.015 min
Response: 6061553
Conc: 45.39 ug/ml



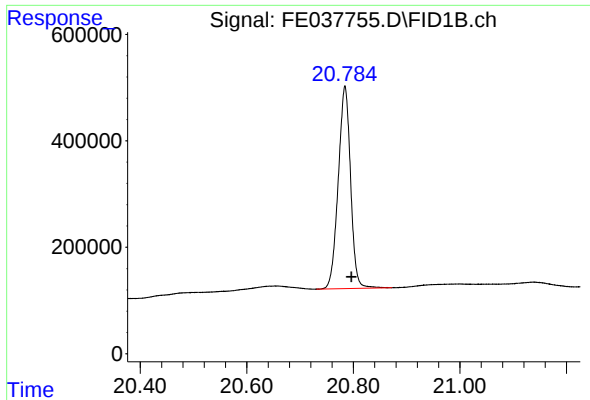
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.013 min
Response: 6014557
Conc: 47.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.012 min
Response: 5859812
Conc: 45.56 ug/ml



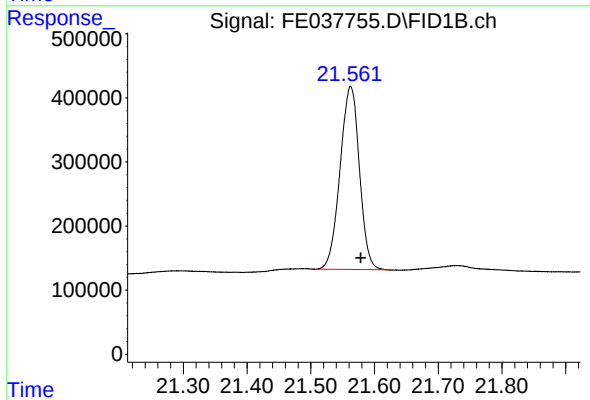
#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.012 min
Response: 6111873
Conc: 49.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.017 min
Response: 6025374
Conc: 46.74 ug/ml m