

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091522AL\
 Data File : FE037604.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 22:46
 Operator : YP\AJ
 Sample : N4634-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File: autoint1.e
 Quant Time: Sep 16 04:56:09 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)	11.627	4862685	28.775 ug/ml
Spiked Amount 50.000		Recovery =	57.55%
12) S 1-chlorooctadecane (S...	13.050	3960340	30.772 ug/ml
Spiked Amount 50.000		Recovery =	61.54%
Target Compounds			
1) T n-Nonane (C9)	3.029	5568102	36.391 ug/ml
2) T n-Decane (C10)	4.286	6299721	40.860 ug/ml
3) T A~Naphthalene (C11.7)	5.995	6797476	47.181 ug/ml
4) T n-Dodecane (C12)	6.454	6952312	43.965 ug/ml
5) T A~2-methylnaphthalene...	7.088	6780168	48.564 ug/ml
6) T n-Tetradecane (C14)	9.872	7472867	47.161 ug/ml
7) T n-Hexadecane (C16)	9.872	7472867	47.161 ug/ml
8) T n-Octadecane (C18)	11.308	7896735	49.589 ug/ml
10) T n-Eicosane (C20)	12.610	7759626	49.043 ug/ml
11) T n-Heneicosane (C21)	13.218	7583644	48.092 ug/ml
13) T n-Docosane (C22)	13.801	7456279	47.898 ug/ml
14) T n-Tetracosane (C24)	14.898	14346228	95.385 ug/ml
15) T n-Hexacosane (C26)	15.916	7132186	49.254 ug/ml
16) T n-Octacosane (C28)	16.858	7424935	53.595 ug/ml
17) T n-Tricontane (C30)	17.743	6977326	51.292 ug/ml
18) T n-Dotriacontane (C32)	18.569	7244336	54.251 ug/ml
19) T n-Tetratriacontane (C34)	19.347	7343250	58.037 ug/ml
20) T n-Hexatriacontane (C36)	20.083	7127203	55.416 ug/mlm
21) T n-Octatriacontane (C38)	20.782	7397354	59.436 ug/mlm
22) T n-Tetracontane (C40)	21.558	7629995	59.186 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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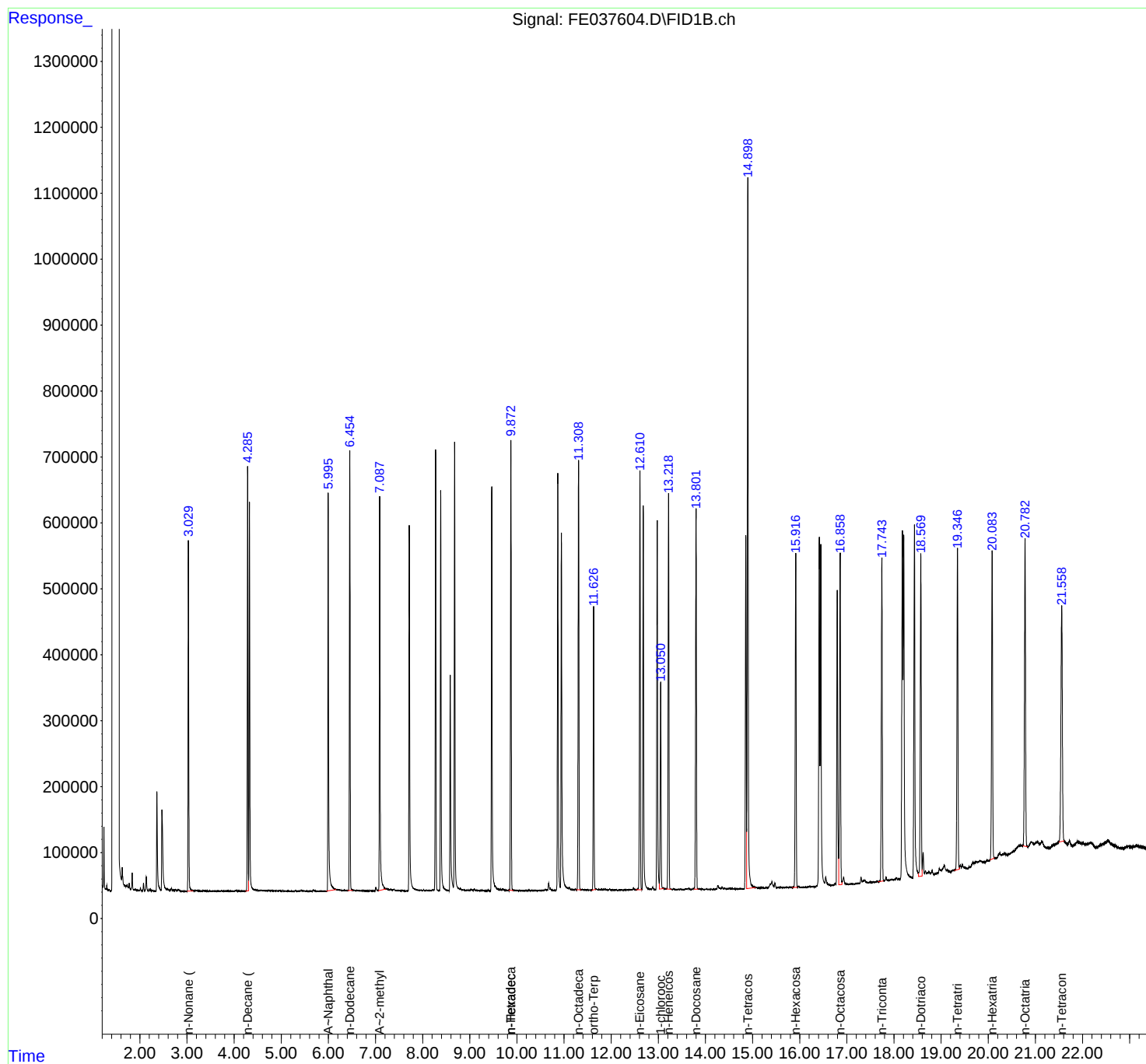
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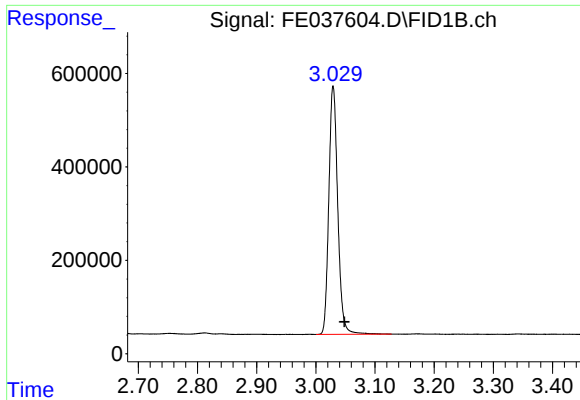
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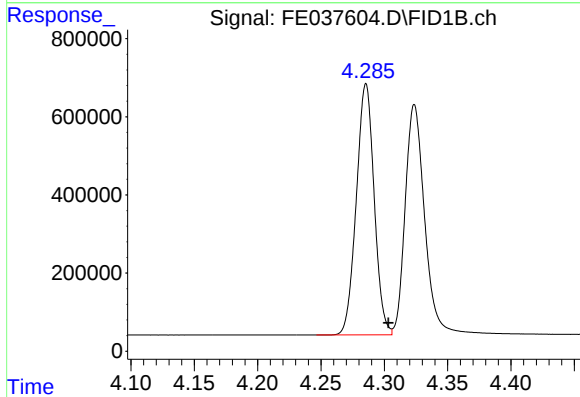
#1 n-Nonane (C9)

R.T.: 3.029 min
Delta R.T.: -0.019 min
Response: 5568102
Conc: 36.39 ug/ml

Instrument :
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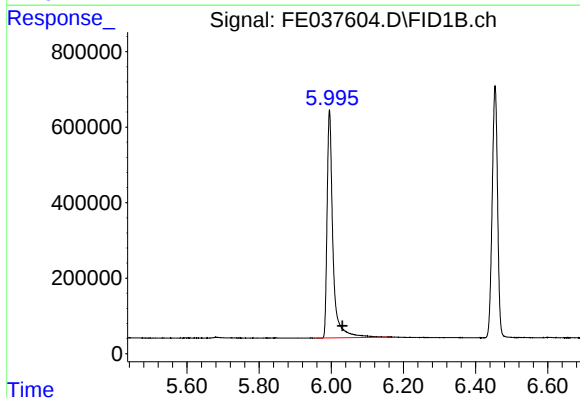
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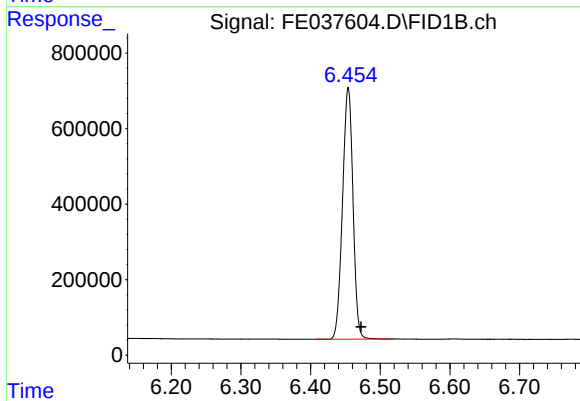
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.018 min
Response: 6299721
Conc: 40.86 ug/ml



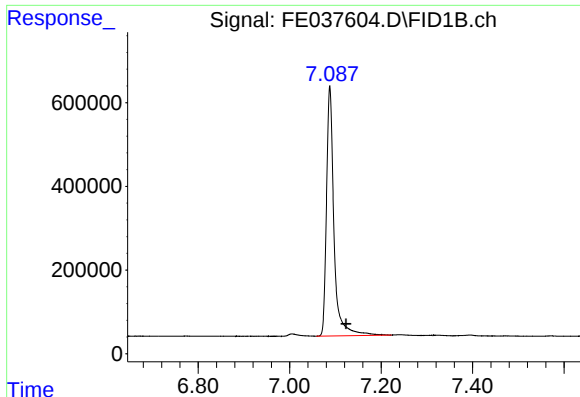
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.036 min
Response: 6797476
Conc: 47.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: -0.018 min
Response: 6952312
Conc: 43.97 ug/ml



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

R.T.: 7.088 min
Delta R.T.: -0.035 min
Response: 6780168
Conc: 48.56 ug/ml

Instrument :

FID_E

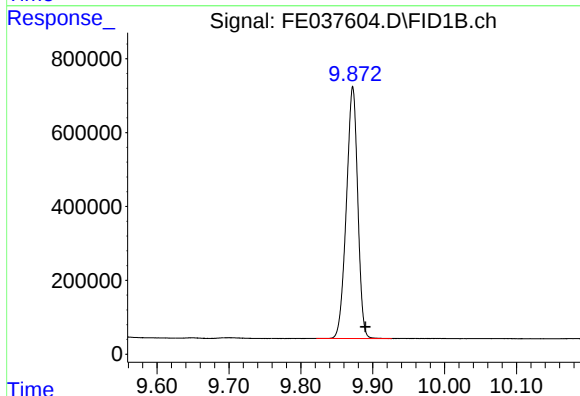
ClientSampleId :

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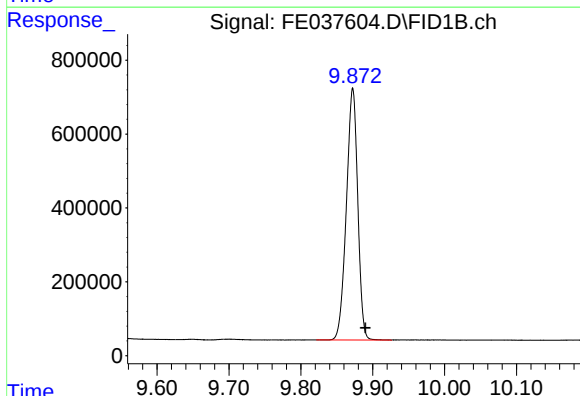
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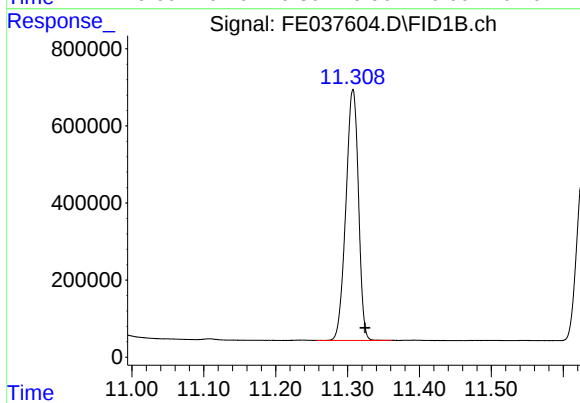
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 7472867
Conc: 47.16 ug/ml



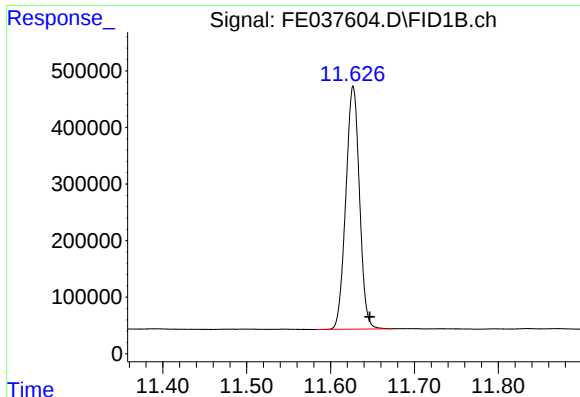
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 7472867
Conc: 47.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.017 min
Response: 7896735
Conc: 49.59 ug/ml



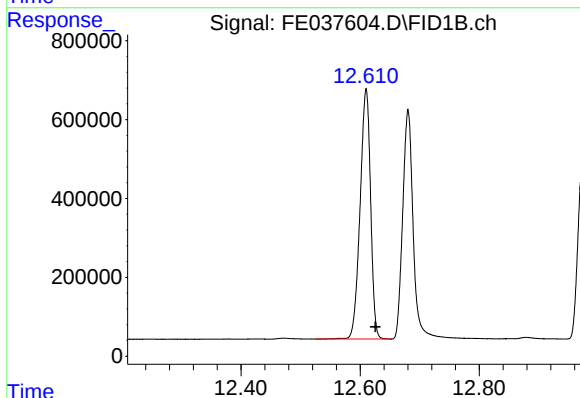
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 4862685
Conc: 28.77 ug/ml

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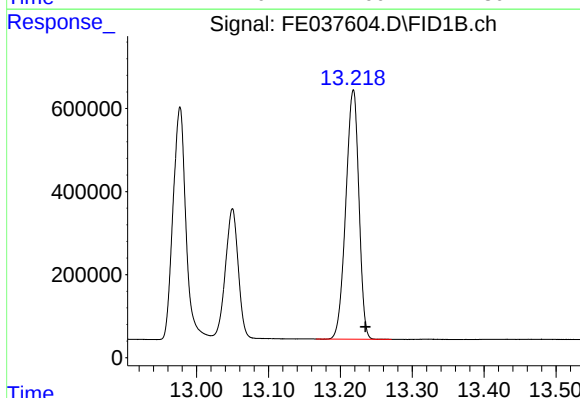
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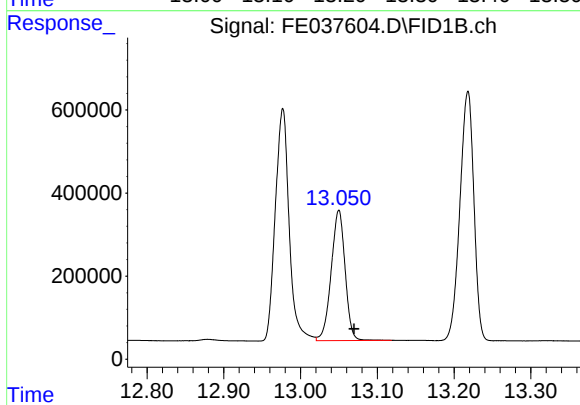
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.015 min
Response: 7759626
Conc: 49.04 ug/ml



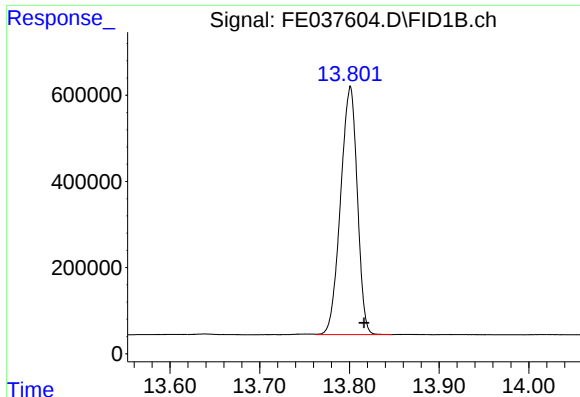
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.017 min
Response: 7583644
Conc: 48.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 3960340
Conc: 30.77 ug/ml



#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.015 min
Response: 7456279
Conc: 47.90 ug/ml

Instrument :

FID_E

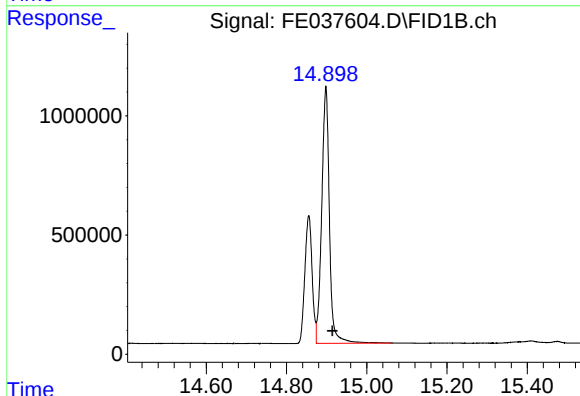
ClientSampleId :

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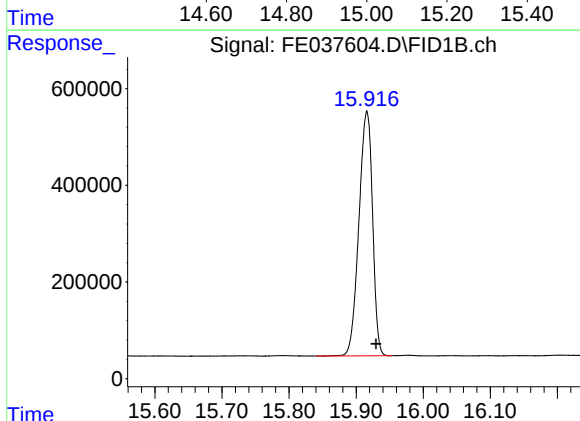
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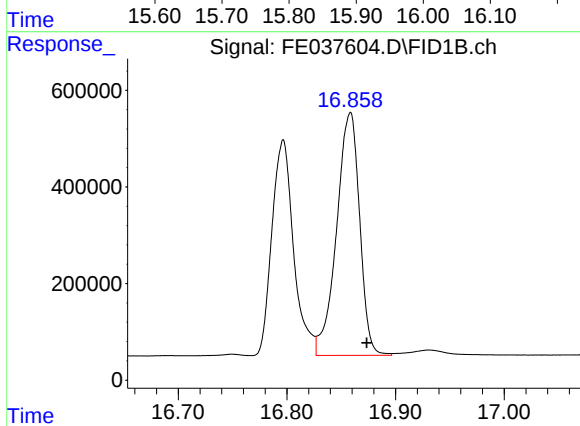
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.016 min
Response: 14346228
Conc: 95.38 ug/ml



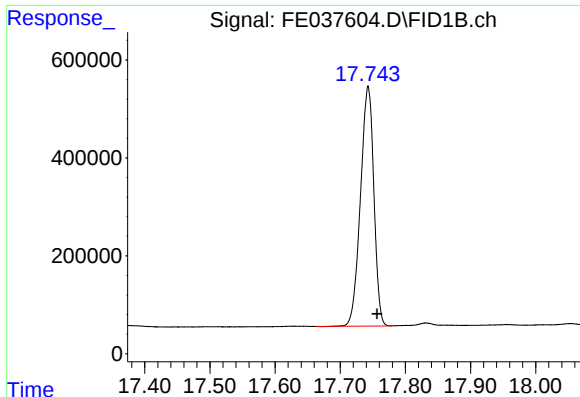
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.013 min
Response: 7132186
Conc: 49.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.858 min
Delta R.T.: -0.015 min
Response: 7424935
Conc: 53.59 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 6977326
Conc: 51.29 ug/ml

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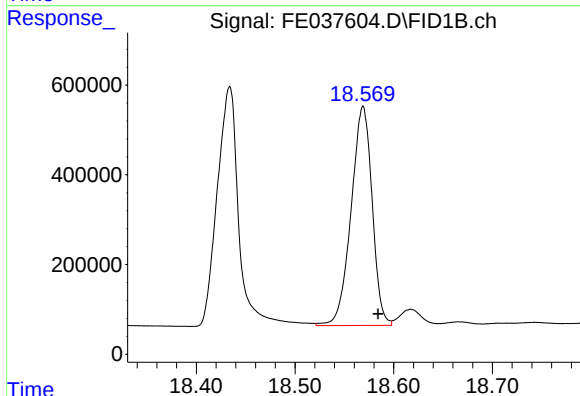
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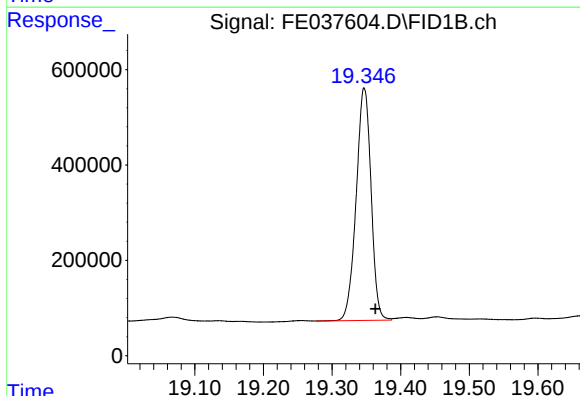
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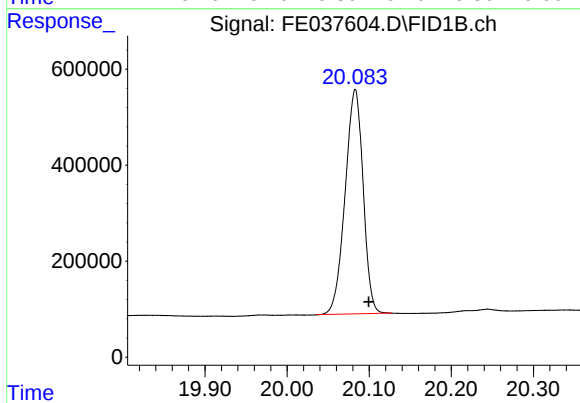
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.015 min
Response: 7244336
Conc: 54.25 ug/ml



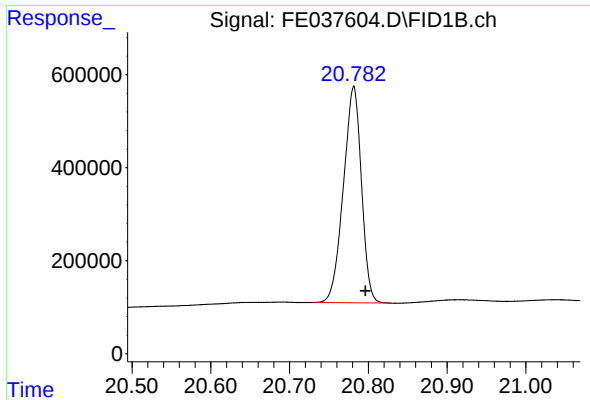
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.016 min
Response: 7343250
Conc: 58.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.017 min
Response: 7127203
Conc: 55.42 ug/ml m



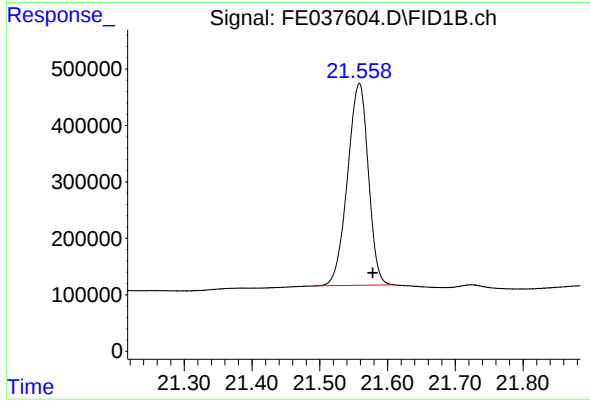
#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.015 min
Response: 7397354
Conc: 59.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: -0.020 min
Response: 7629995
Conc: 59.19 ug/ml m