

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091522AL\
 Data File : FE037593.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 17:06
 Operator : YP\AJ
 Sample : PB147655BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147655BS

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 04:54:34 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)	11.628	7131865	42.202 ug/ml
Spiked Amount 50.000		Recovery =	84.40%
12) S 1-chlorooctadecane (S...	13.050	5839251	45.371 ug/ml
Spiked Amount 50.000		Recovery =	90.74%
Target Compounds			
2) T n-Decane (C10)	4.288	7038118	45.650 ug/ml
3) T A~Naphthalene (C11.7)	5.997	7648627	53.089 ug/ml
4) T n-Dodecane (C12)	6.455	7815817	49.426 ug/ml
5) T A~2-methylnaphthalene...	7.088	7663579	54.891 ug/ml
6) T n-Tetradecane (C14)	9.872	8210401	51.816 ug/ml
7) T n-Hexadecane (C16)	9.872	8210401	51.816 ug/ml
8) T n-Octadecane (C18)	11.306	8202825	51.511 ug/ml
10) T n-Eicosane (C20)	12.609	7849372	49.610 ug/ml
11) T n-Heneicosane (C21)	13.217	7717984	48.944 ug/ml
13) T n-Docosane (C22)	13.800	7594803	48.788 ug/ml
14) T n-Tetracosane (C24)	14.896	14735863	97.975 ug/ml
15) T n-Hexacosane (C26)	15.913	7240552	50.003 ug/ml
16) T n-Octacosane (C28)	16.855	7604083	54.888 ug/ml
17) T n-Tricontane (C30)	17.740	7099551	52.190 ug/ml
18) T n-Dotriacontane (C32)	18.567	7276335	54.491 ug/ml
19) T n-Tetratriacontane (C34)	19.344	7318577	57.842 ug/ml
20) T n-Hexatriacontane (C36)	20.081	7139056	55.508 ug/mlm
21) T n-Octatriacontane (C38)	20.780	7409277	59.532 ug/mlm
22) T n-Tetracontane (C40)	21.557	7679803	59.572 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 8 Sample Multiplier: 1

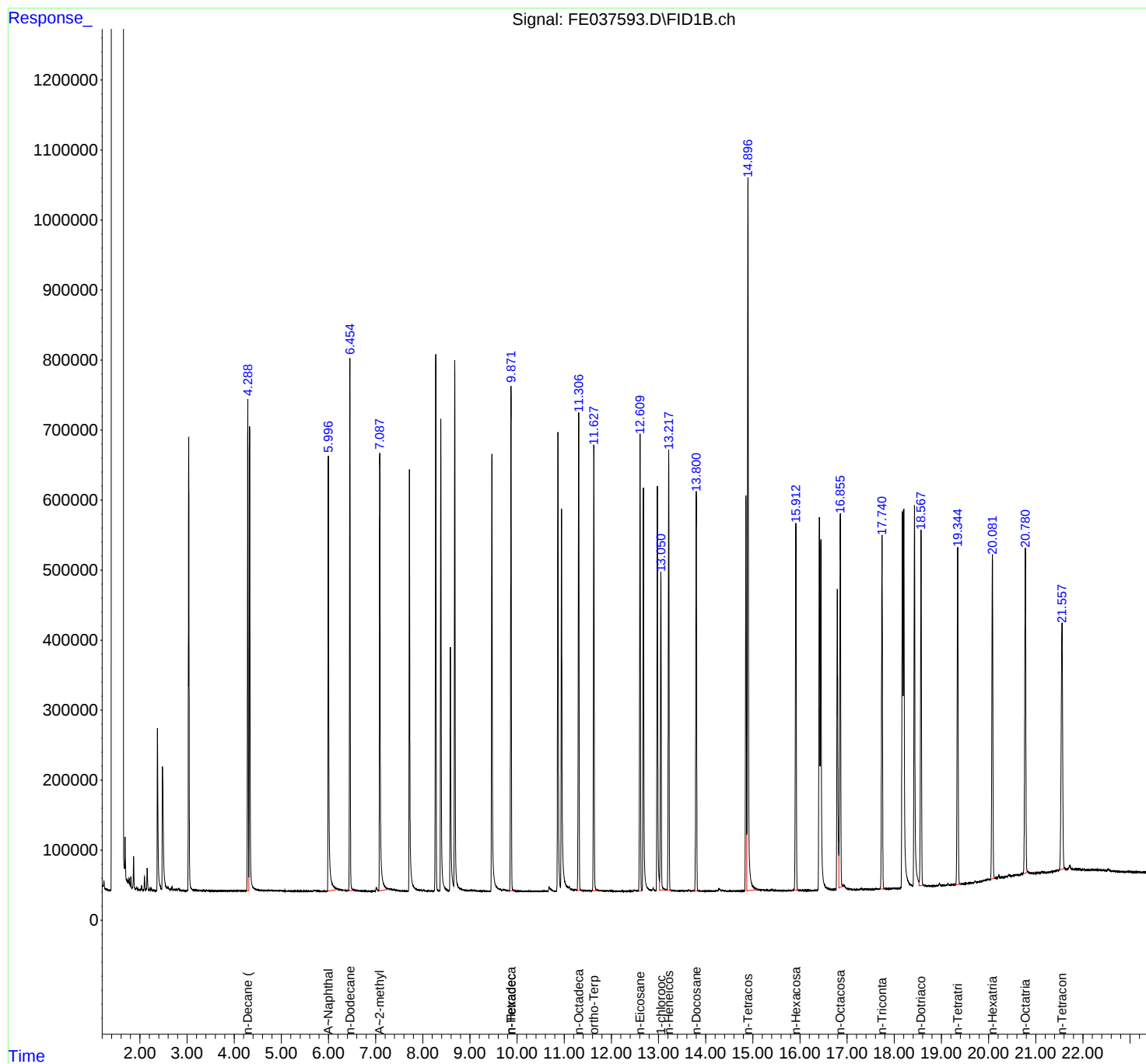
Instrument :
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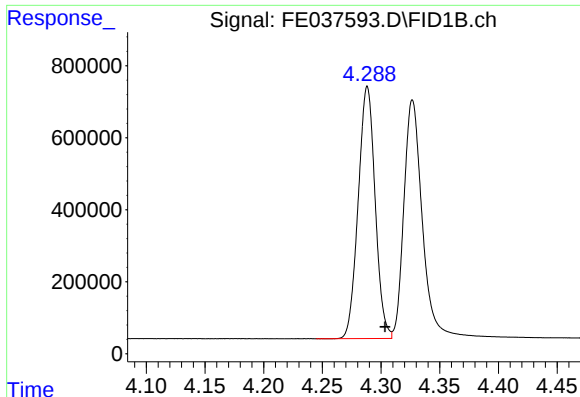
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#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.015 min
Response: 7038118
Conc: 45.65 ug/ml

Instrument :

FID_E

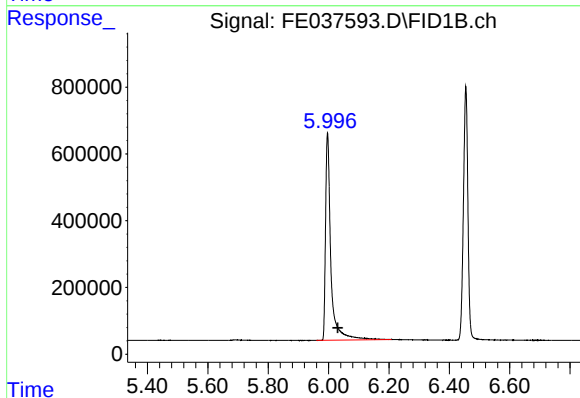
ClientSampleId :

PB147655BS

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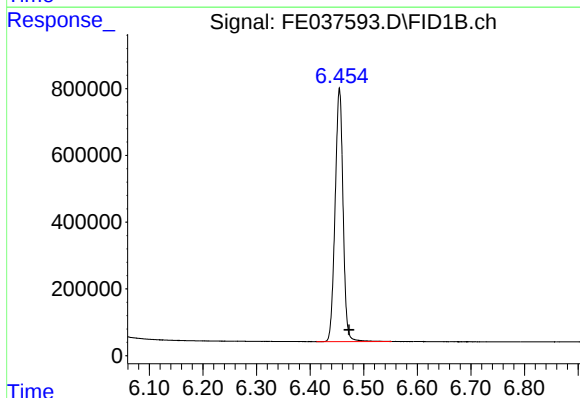
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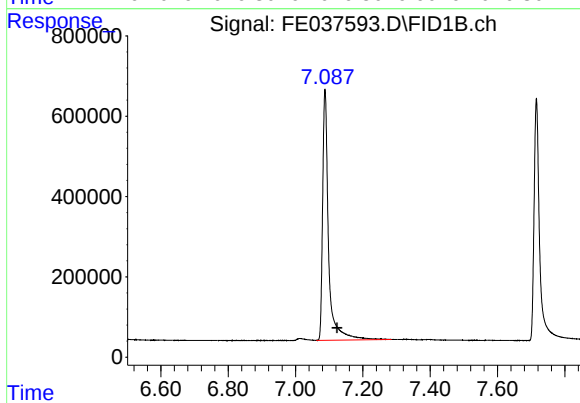
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.034 min
Response: 7648627
Conc: 53.09 ug/ml



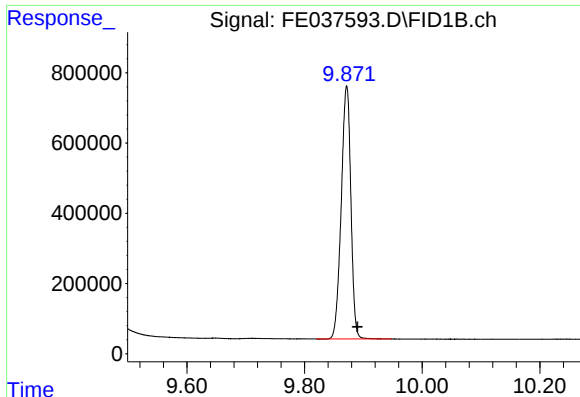
#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.018 min
Response: 7815817
Conc: 49.43 ug/ml



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

R.T.: 7.088 min
Delta R.T.: -0.036 min
Response: 7663579
Conc: 54.89 ug/ml



#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 8210401
Conc: 51.82 ug/ml

Instrument :

FID_E

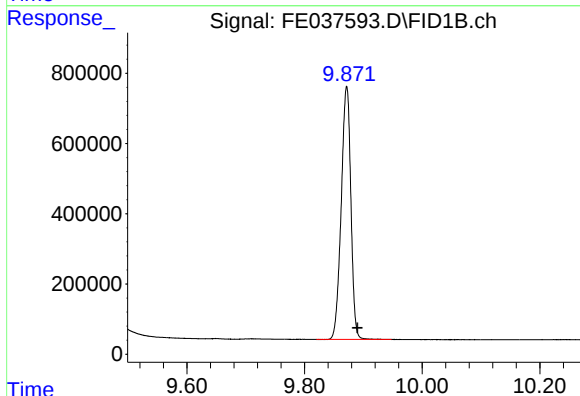
ClientSampleId :

PB147655BS

Manual Integrations

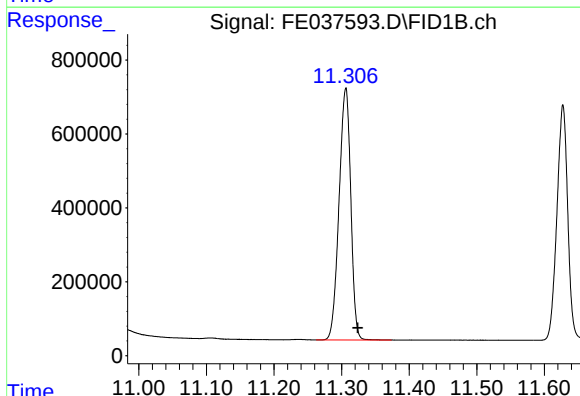
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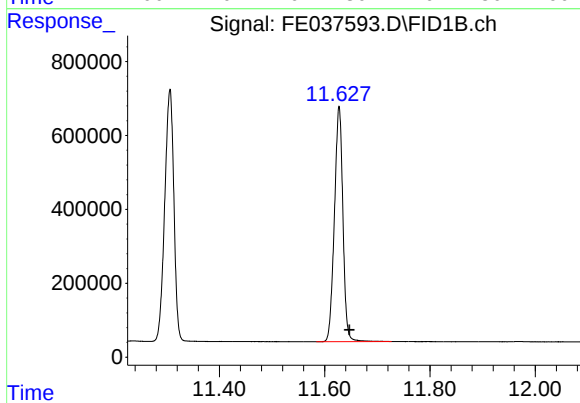
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 8210401
Conc: 51.82 ug/ml



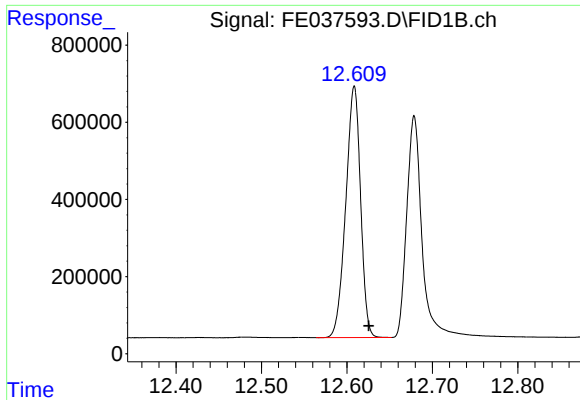
#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.018 min
Response: 8202825
Conc: 51.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: -0.019 min
Response: 7131865
Conc: 42.20 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.017 min
Response: 7849372
Conc: 49.61 ug/ml

Instrument :

FID_E

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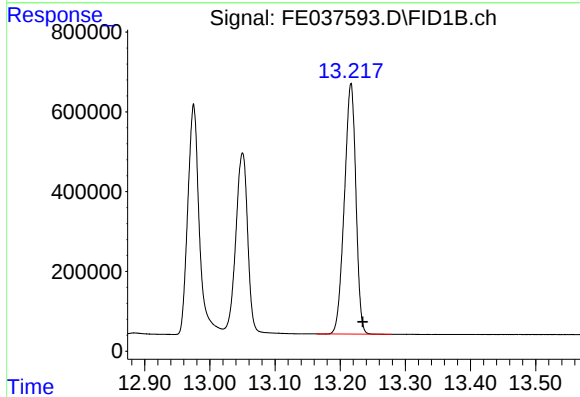
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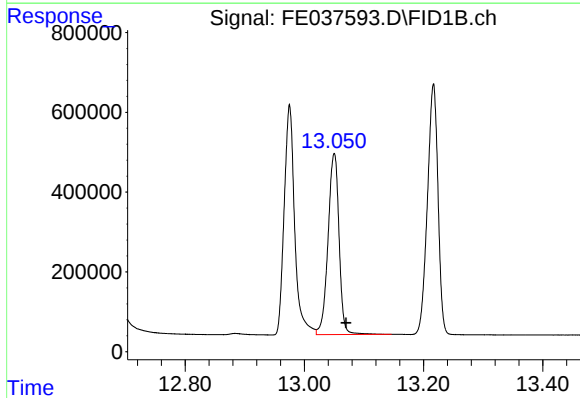
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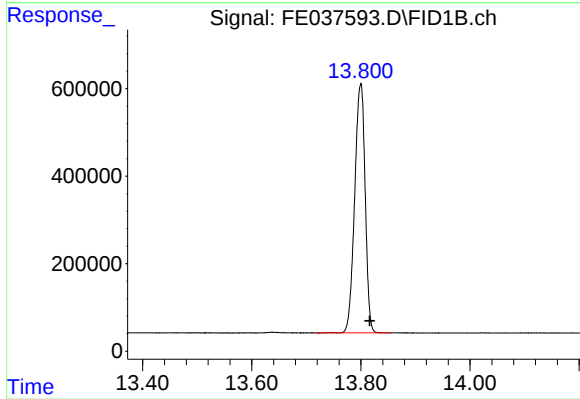
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.018 min
Response: 7717984
Conc: 48.94 ug/ml



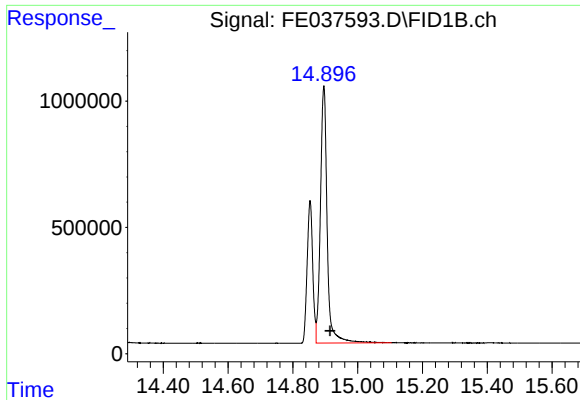
#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 5839251
Conc: 45.37 ug/ml



#13 n-Docosane (C22)

R.T.: 13.800 min
Delta R.T.: -0.017 min
Response: 7594803
Conc: 48.79 ug/ml



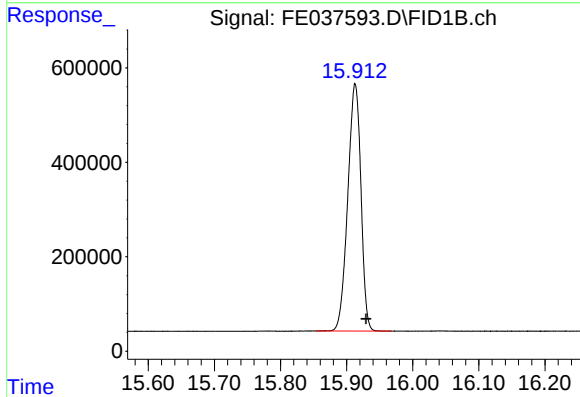
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.019 min
Response: 14735863
Conc: 97.98 ug/ml

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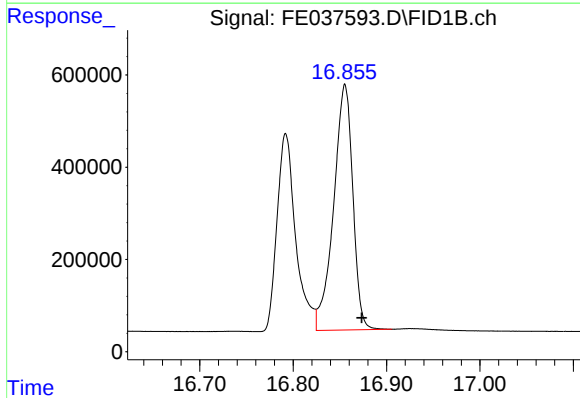
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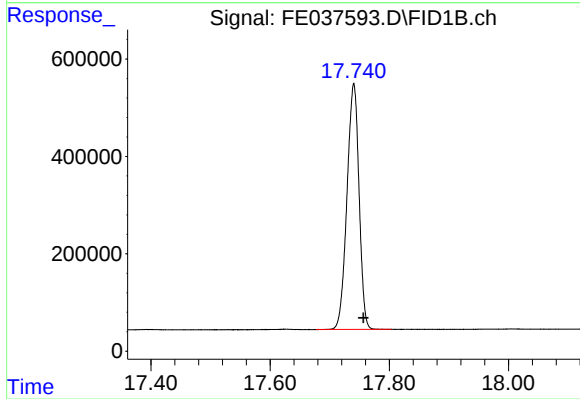
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.017 min
Response: 7240552
Conc: 50.00 ug/ml



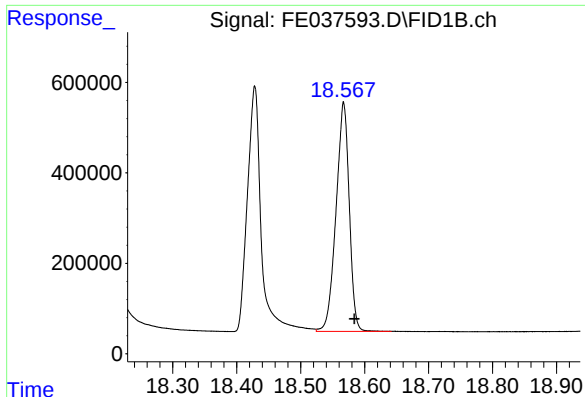
#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.018 min
Response: 7604083
Conc: 54.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.016 min
Response: 7099551
Conc: 52.19 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.017 min
Response: 7276335
Conc: 54.49 ug/ml

Instrument :

FID_E

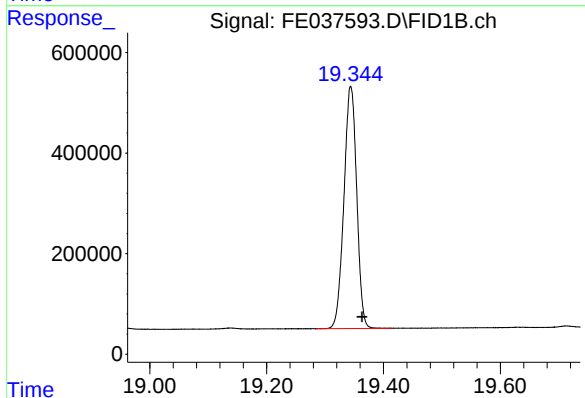
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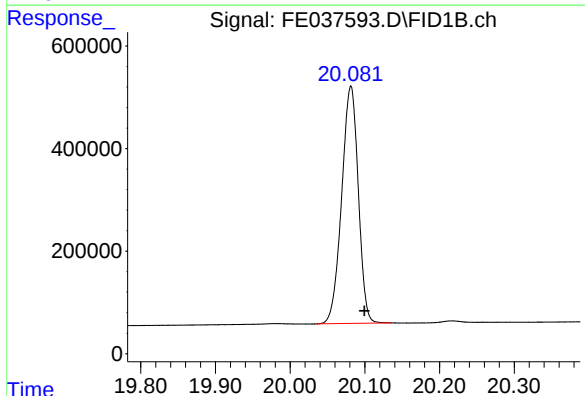
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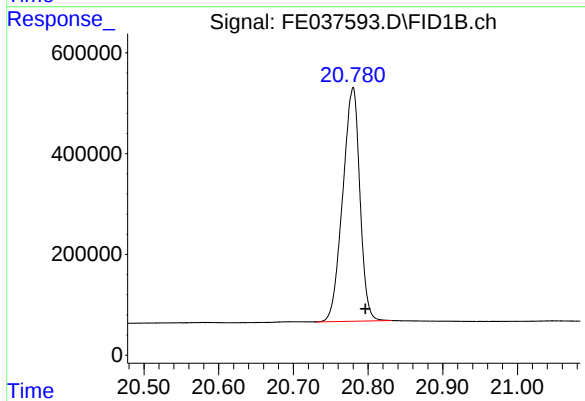
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.019 min
Response: 7318577
Conc: 57.84 ug/ml



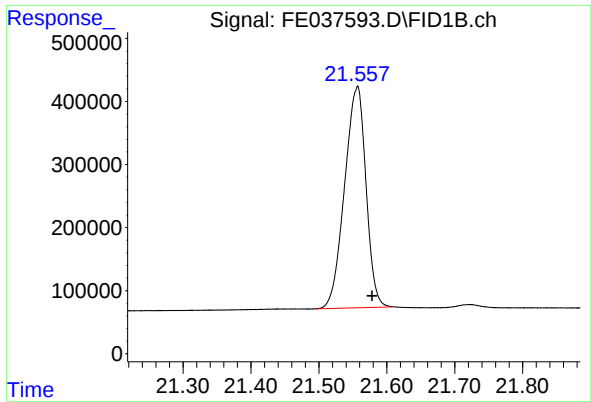
#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.018 min
Response: 7139056
Conc: 55.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.017 min
Response: 7409277
Conc: 59.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: -0.021 min
Response: 7679803
Conc: 59.57 ug/ml

Instrument :

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