

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037648.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 11:17
 Operator : YP\AJ
 Sample : PB147222BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147222BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
 Quant Time: Sep 20 04:21:37 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)	11.630	6961100	41.192 ug/ml
Spiked Amount 50.000		Recovery =	82.38%
12) S 1-chlorooctadecane (S...	13.052	5521994	42.906 ug/ml
Spiked Amount 50.000		Recovery =	85.81%
Target Compounds			
1) T n-Nonane (C9)	3.034	6152201	40.209 ug/ml
2) T n-Decane (C10)	4.287	6405684	41.548 ug/ml
3) T A~Naphthalene (C11.7)	5.995	6747228	46.833 ug/ml
4) T n-Dodecane (C12)	6.454	6900836	43.640 ug/ml
5) T A~2-methylnaphthalene...	7.087	6641413	47.570 ug/ml
6) T n-Tetradecane (C14)	9.872	6930558	43.739 ug/ml
7) T n-Hexadecane (C16)	9.872	6930558	43.739 ug/ml
8) T n-Octadecane (C18)	11.308	6905286	43.363 ug/ml
10) T n-Eicosane (C20)	12.611	6575033	41.556 ug/ml
11) T n-Heneicosane (C21)	13.217	6463200	40.987 ug/ml
13) T n-Docosane (C22)	13.801	6340305	40.729 ug/ml
14) T n-Tetracosane (C24)	14.898	12345606	82.083 ug/ml
15) T n-Hexacosane (C26)	15.916	5966651	41.205 ug/ml
16) T n-Octacosane (C28)	16.860	6166862	44.514 ug/ml
17) T n-Tricontane (C30)	17.745	5789252	42.558 ug/ml
18) T n-Dotriacontane (C32)	18.571	5960855	44.640 ug/ml
19) T n-Tetratriacontane (C34)	19.349	5819287	45.992 ug/ml
20) T n-Hexatriacontane (C36)	20.085	5478063	42.593 ug/mlm
21) T n-Octatriacontane (C38)	20.782	5436013	43.677 ug/mlm
22) T n-Tetracontane (C40)	21.561	5883219	45.636 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 8 Sample Multiplier: 1

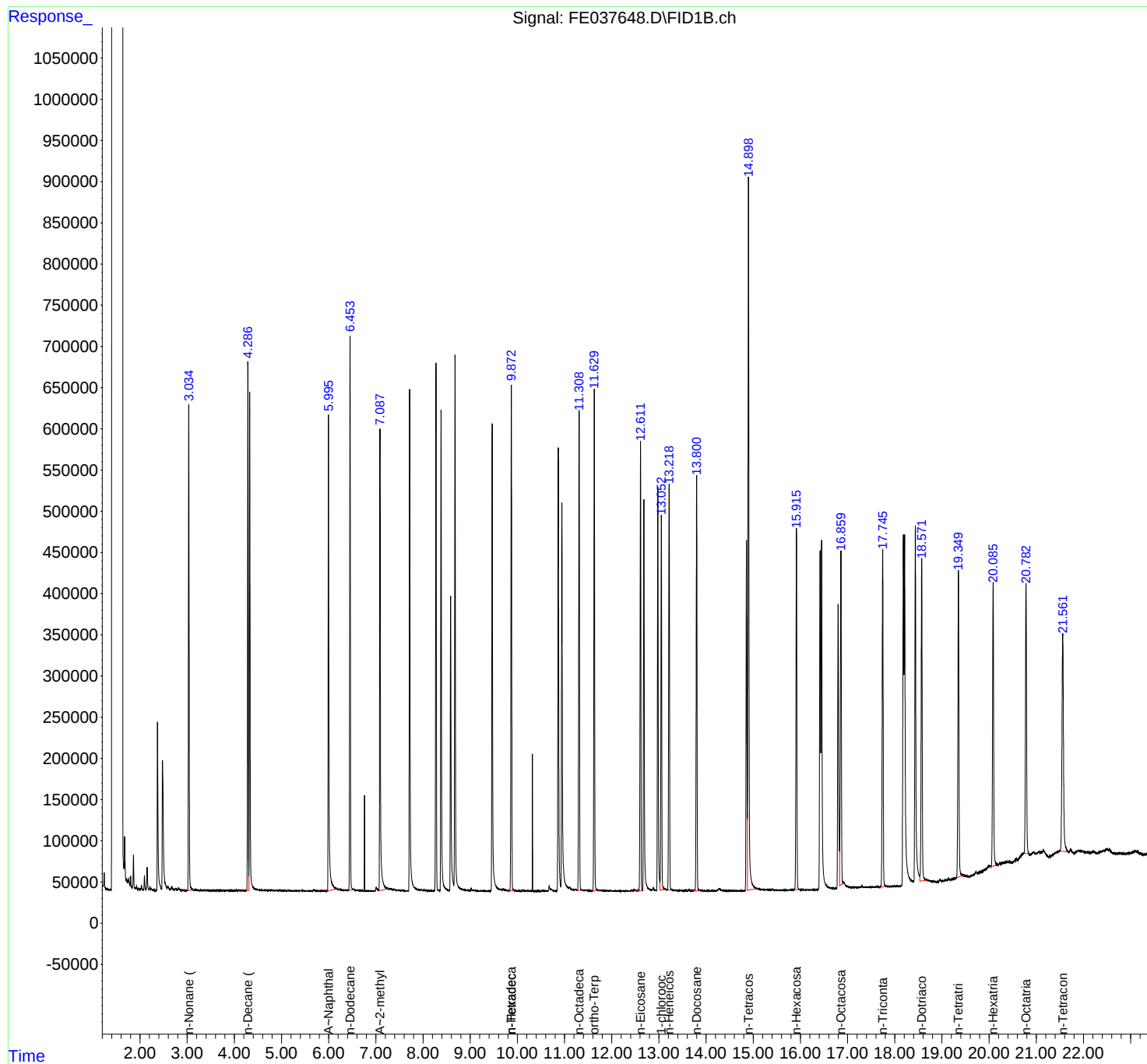
Instrument :
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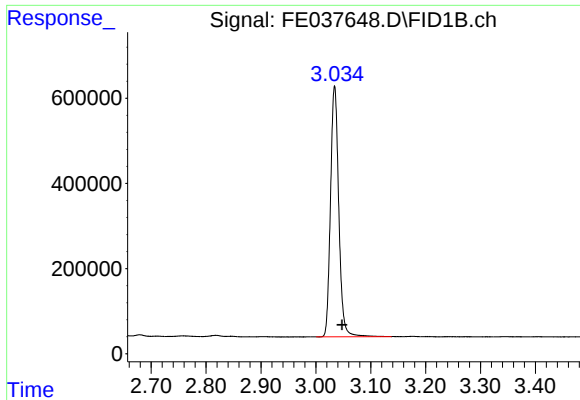
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.034 min
Delta R.T.: -0.014 min
Response: 6152201
Conc: 40.21 ug/ml

Instrument :

FID_E

ClientSampleId :

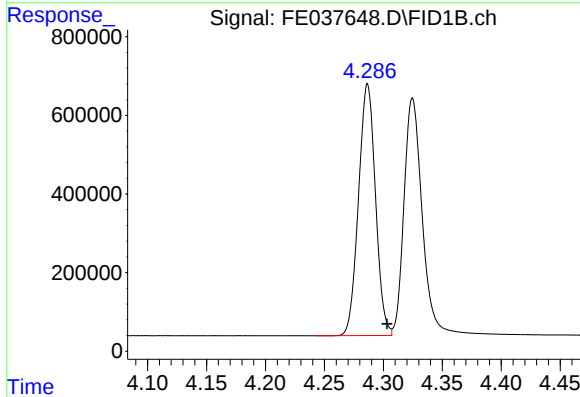
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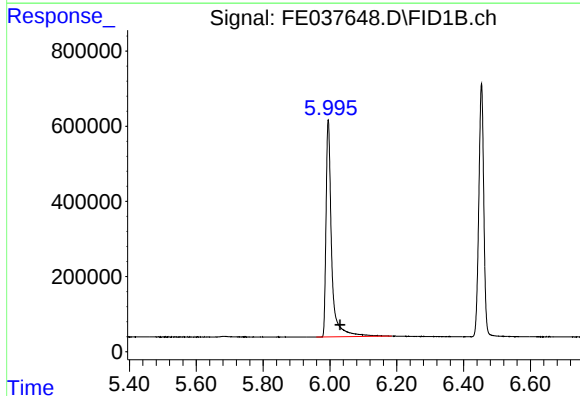
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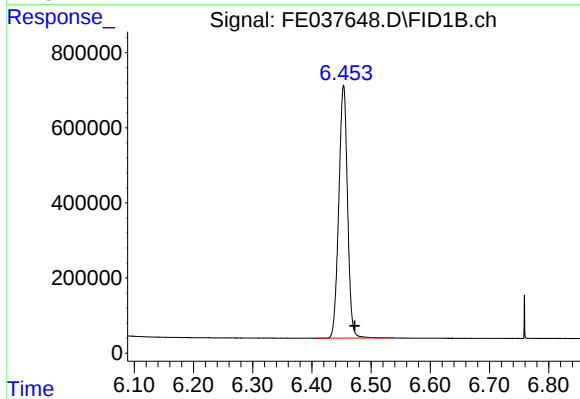
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 6405684
Conc: 41.55 ug/ml



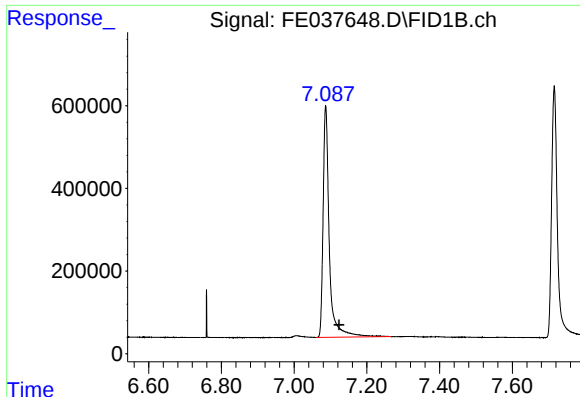
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.036 min
Response: 6747228
Conc: 46.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: -0.019 min
Response: 6900836
Conc: 43.64 ug/ml



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

R.T.: 7.087 min
Delta R.T.: -0.036 min
Response: 6641413
Conc: 47.57 ug/ml

Instrument :

FID_E

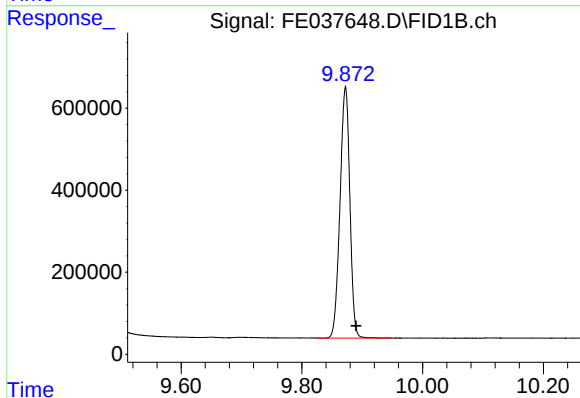
ClientSampleId :

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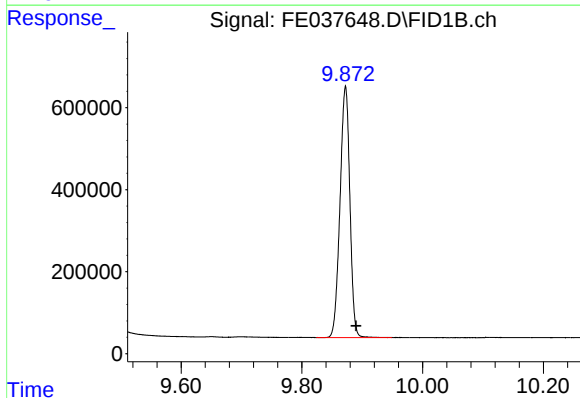
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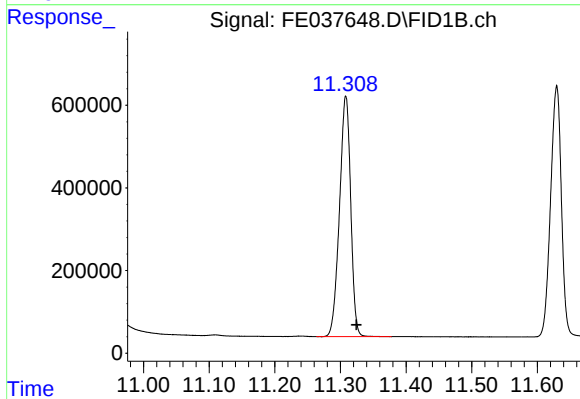
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 6930558
Conc: 43.74 ug/ml



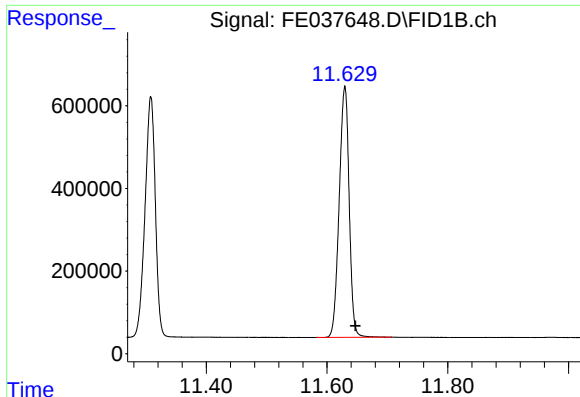
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.017 min
Response: 6930558
Conc: 43.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 6905286
Conc: 43.36 ug/ml



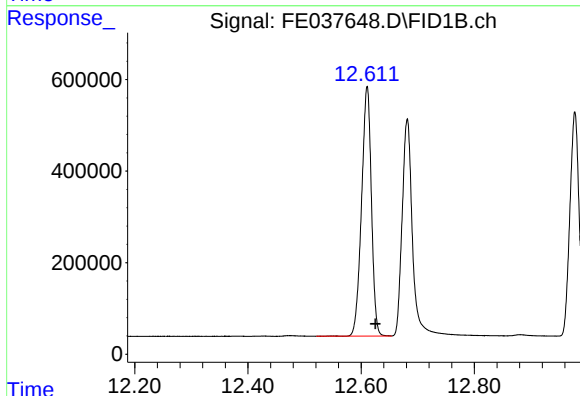
#9 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.017 min
Response: 6961100
Conc: 41.19 ug/ml

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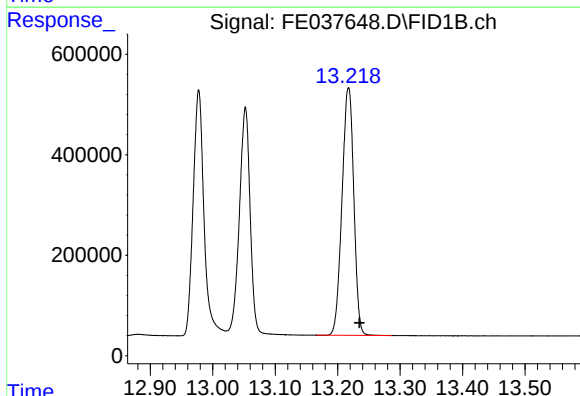
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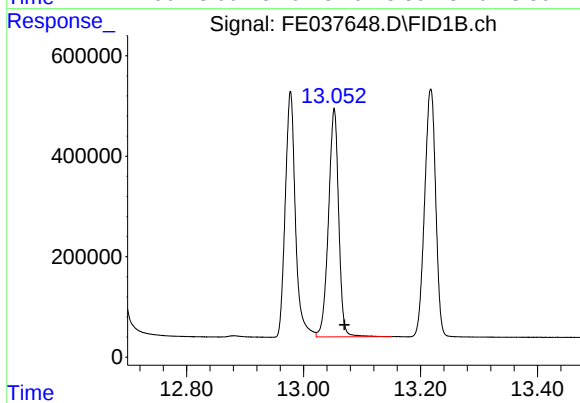
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: -0.015 min
Response: 6575033
Conc: 41.56 ug/ml



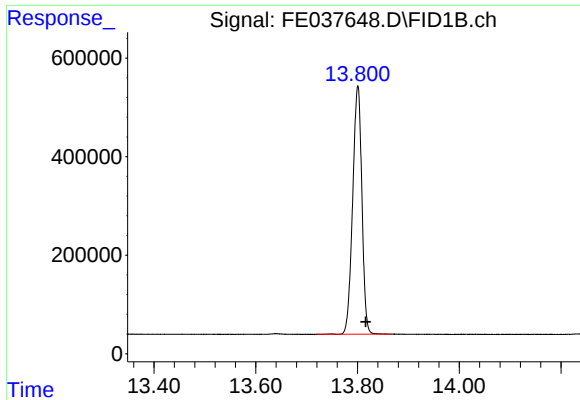
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.017 min
Response: 6463200
Conc: 40.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.017 min
Response: 5521994
Conc: 42.91 ug/ml



#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.016 min
Response: 6340305
Conc: 40.73 ug/ml

Instrument :

FID_E

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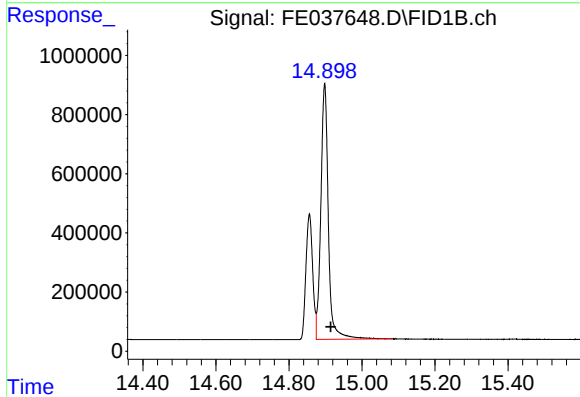
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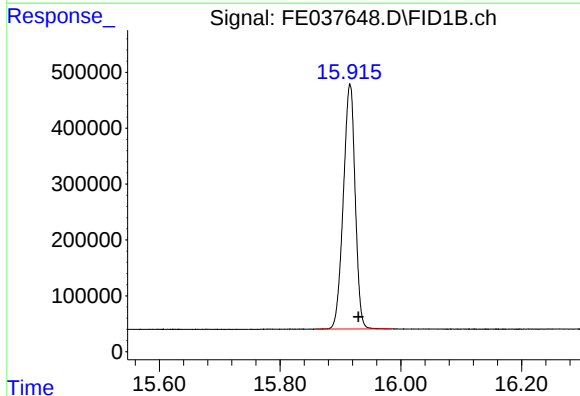
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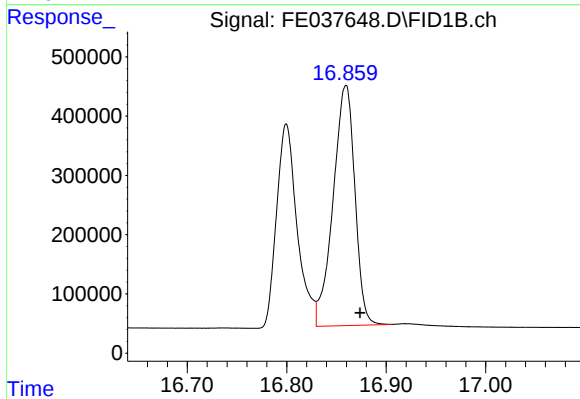
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.017 min
Response: 12345606
Conc: 82.08 ug/ml



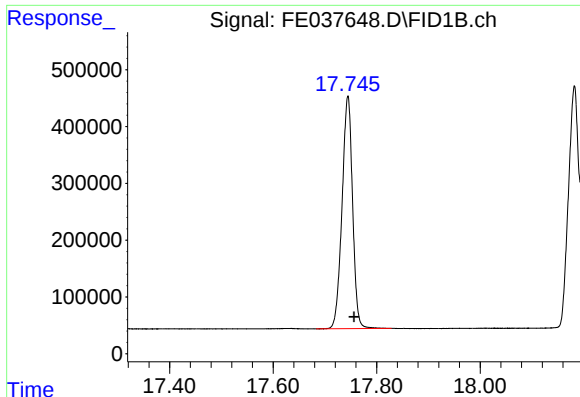
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.014 min
Response: 5966651
Conc: 41.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.014 min
Response: 6166862
Conc: 44.51 ug/ml



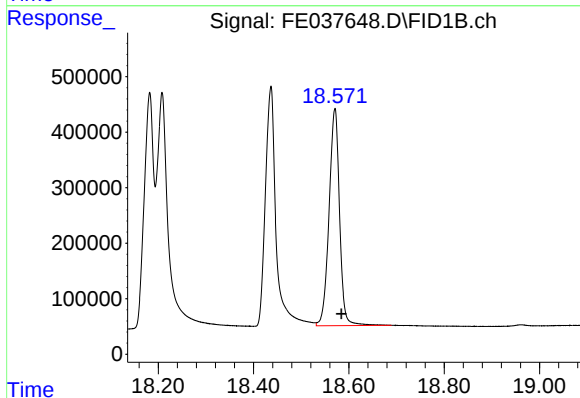
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 5789252
Conc: 42.56 ug/ml

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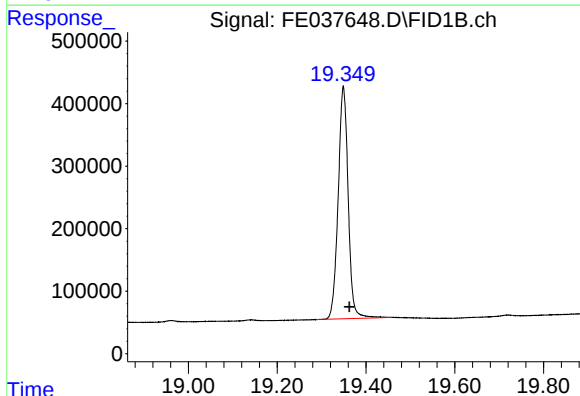
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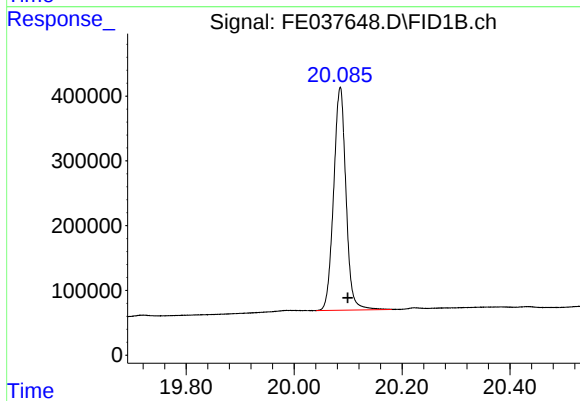
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: -0.013 min
Response: 5960855
Conc: 44.64 ug/ml



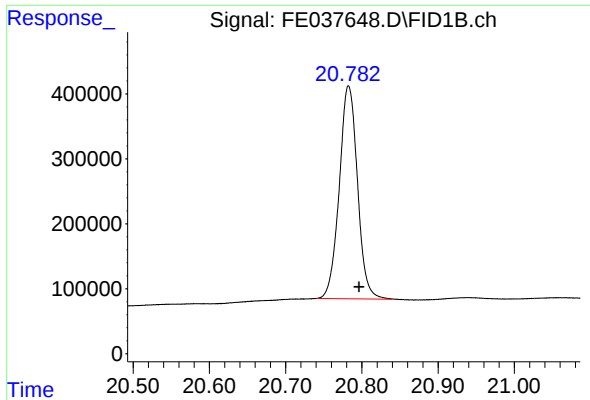
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.014 min
Response: 5819287
Conc: 45.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.014 min
Response: 5478063
Conc: 42.59 ug/ml m



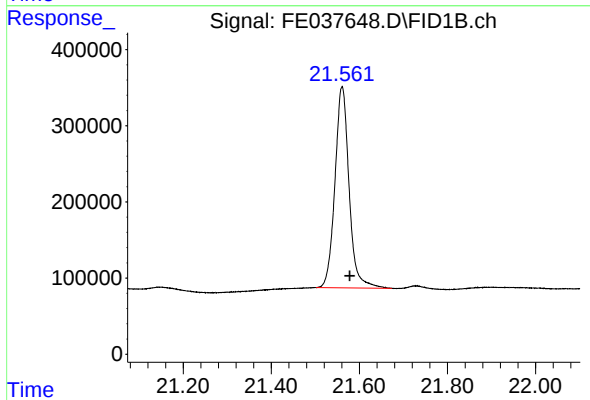
#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.014 min
Response: 5436013
Conc: 43.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.017 min
Response: 5883219
Conc: 45.64 ug/ml m