

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092222AL\
 Data File : FE037730.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2022 15:47
 Operator : YP\AJ
 Sample : PB147826BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147826BSD

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 03:43:30 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	7116546	42.112 ug/ml
Spiked Amount 50.000		Recovery =	84.22%
12) S 1-chlorooctadecane (S...	13.053	5771853	44.848 ug/ml
Spiked Amount 50.000		Recovery =	89.70%
Target Compounds			
1) T n-Nonane (C9)	3.028	5372427	35.113 ug/ml
2) T n-Decane (C10)	4.282	5528436	35.858 ug/mlm
3) T A~Naphthalene (C11.7)	5.994	5854832	40.639 ug/ml
4) T n-Dodecane (C12)	6.452	6013507	38.028 ug/ml
5) T A~2-methylnaphthalene...	7.087	5956754	42.666 ug/ml
6) T n-Tetradecane (C14)	9.872	7056282	44.532 ug/ml
7) T n-Hexadecane (C16)	9.872	7056282	44.532 ug/ml
8) T n-Octadecane (C18)	11.308	7235288	45.435 ug/ml
10) T n-Eicosane (C20)	12.612	6969382	44.048 ug/ml
11) T n-Heneicosane (C21)	13.221	6858724	43.495 ug/ml
13) T n-Docosane (C22)	13.803	6733707	43.256 ug/ml
14) T n-Tetracosane (C24)	14.903	12932487	85.985 ug/ml
15) T n-Hexacosane (C26)	15.918	6397705	44.182 ug/ml
16) T n-Octacosane (C28)	16.863	6628884	47.849 ug/ml
17) T n-Tricontane (C30)	17.748	6282825	46.186 ug/ml
18) T n-Dotriacontane (C32)	18.574	6491439	48.613 ug/ml
19) T n-Tetratriacontane (C34)	19.355	6683486	52.822 ug/ml
20) T n-Hexatriacontane (C36)	20.091	6448366	50.137 ug/ml
21) T n-Octatriacontane (C38)	20.790	6761731	54.329 ug/ml
22) T n-Tetracontane (C40)	21.571	6926087	53.726 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147826BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

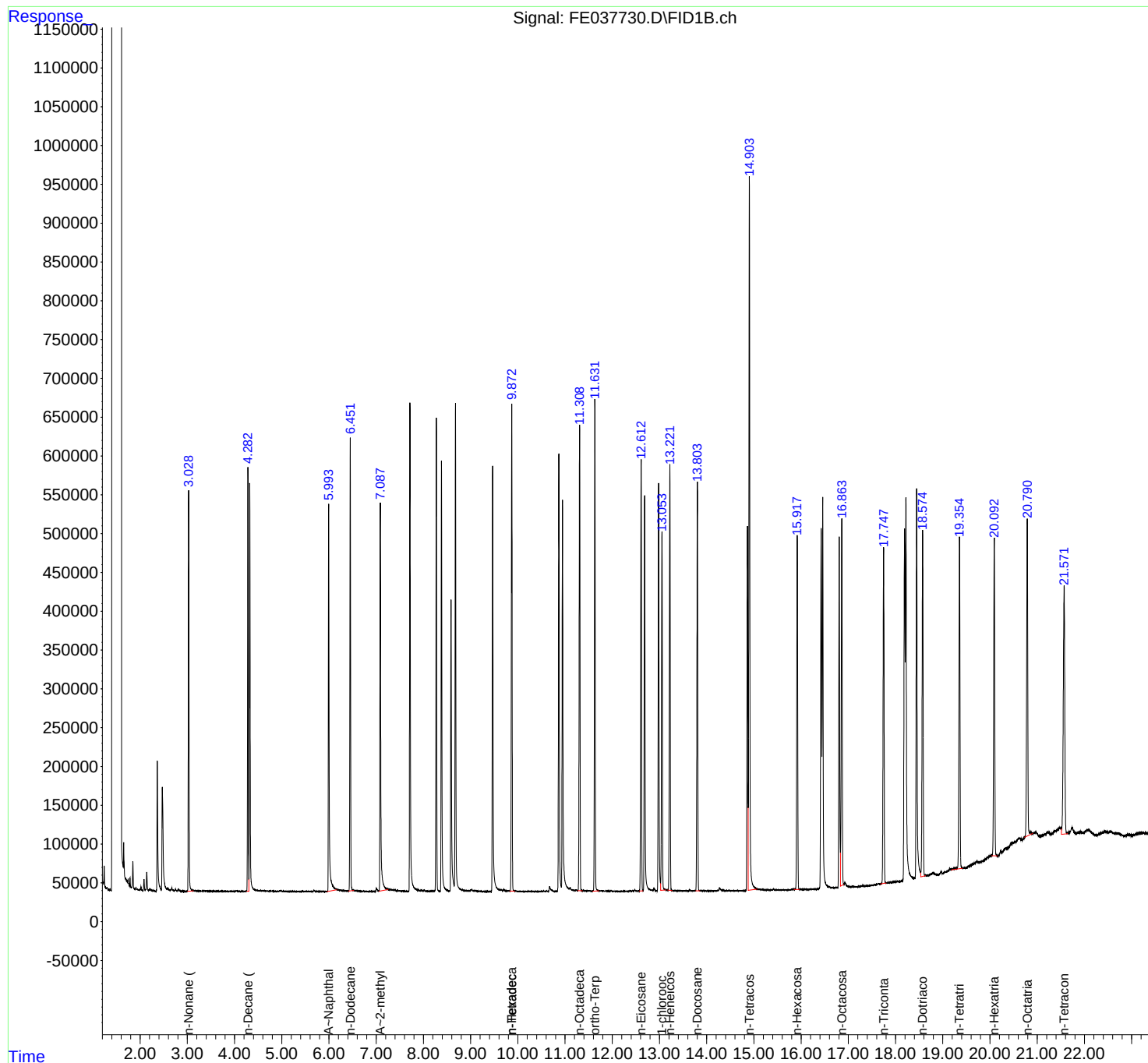
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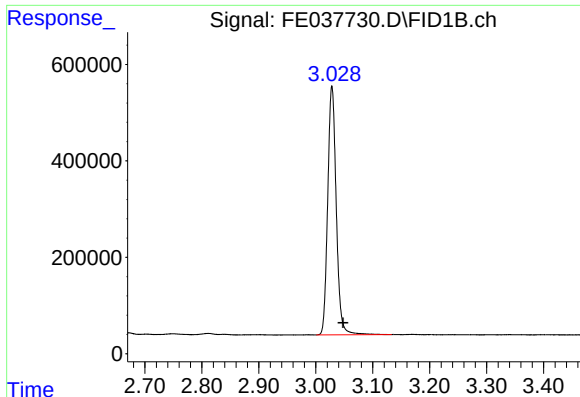
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#1 n-Nonane (C9)

R.T.: 3.028 min
Delta R.T.: -0.020 min
Response: 5372427
Conc: 35.11 ug/ml

Instrument :

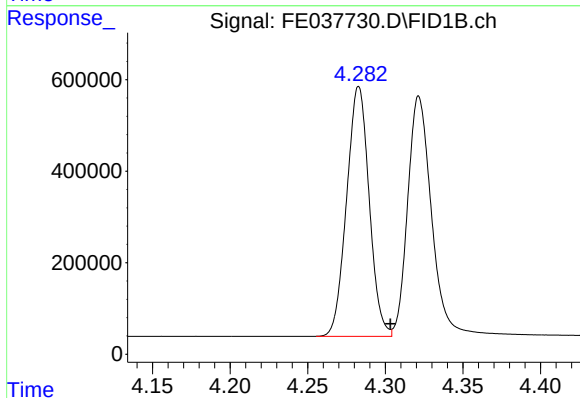
FID_E

ClientSampleId :

PB147826BSD

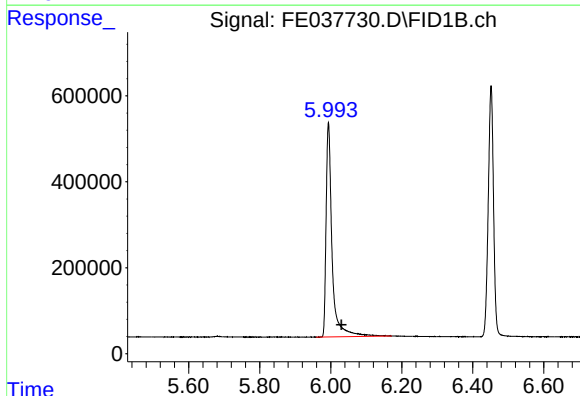
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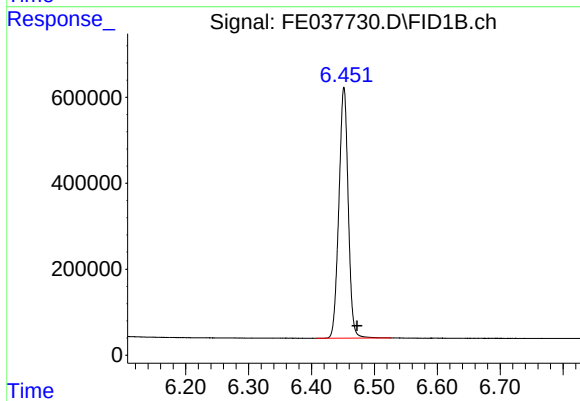
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.021 min
Response: 5528436
Conc: 35.86 ug/ml m



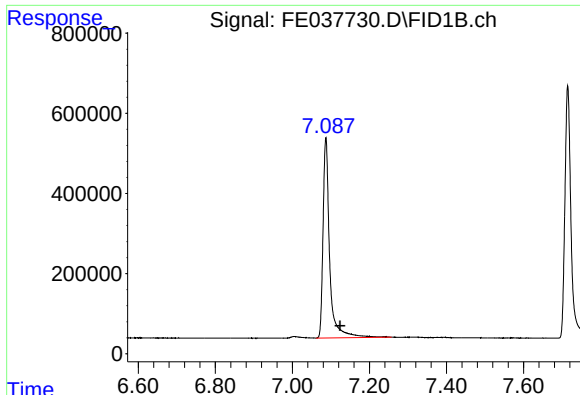
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.037 min
Response: 5854832
Conc: 40.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.452 min
Delta R.T.: -0.021 min
Response: 6013507
Conc: 38.03 ug/ml



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

R.T.: 7.087 min
Delta R.T.: -0.036 min
Response: 5956754
Conc: 42.67 ug/ml

Instrument :

FID_E

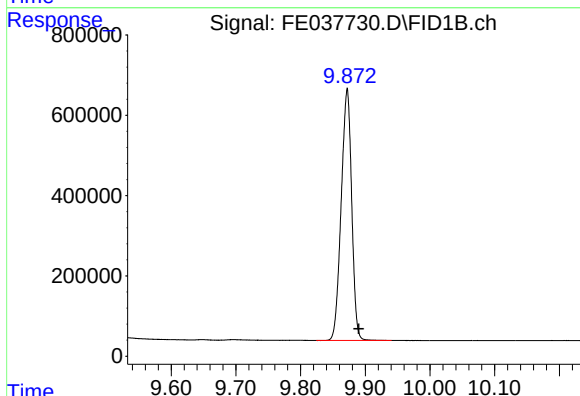
ClientSampleId :

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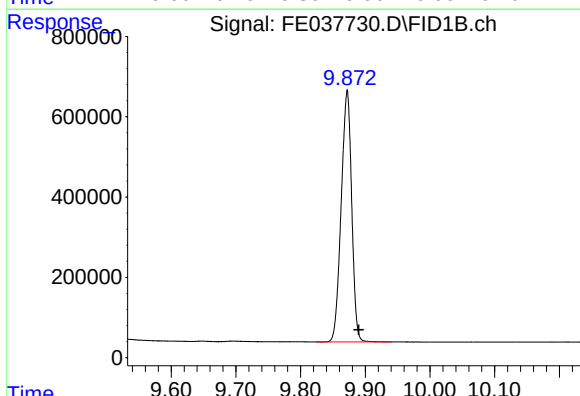
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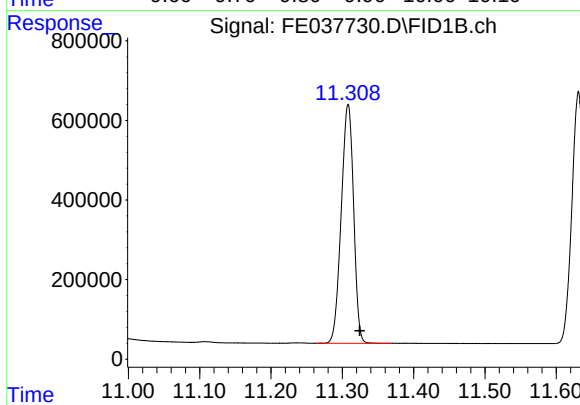
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 7056282
Conc: 44.53 ug/ml



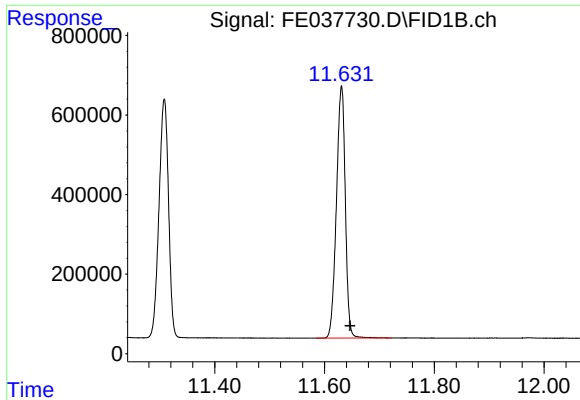
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 7056282
Conc: 44.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 7235288
Conc: 45.44 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.016 min
Response: 7116546
Conc: 42.11 ug/ml

Instrument :

FID_E

ClientSampleId :

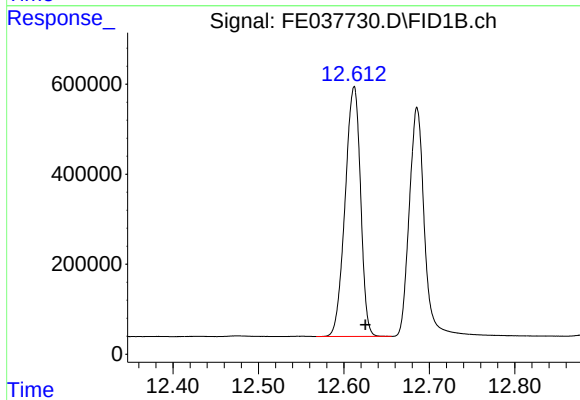
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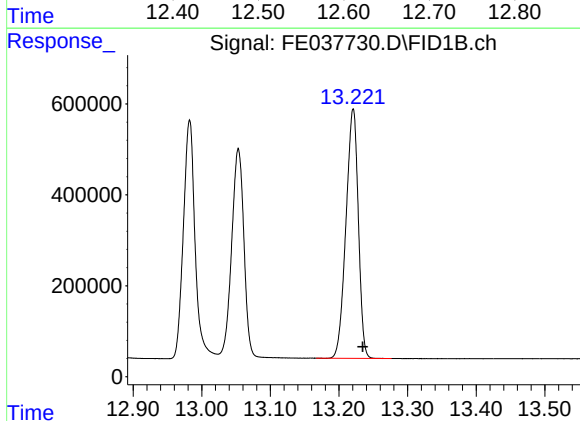
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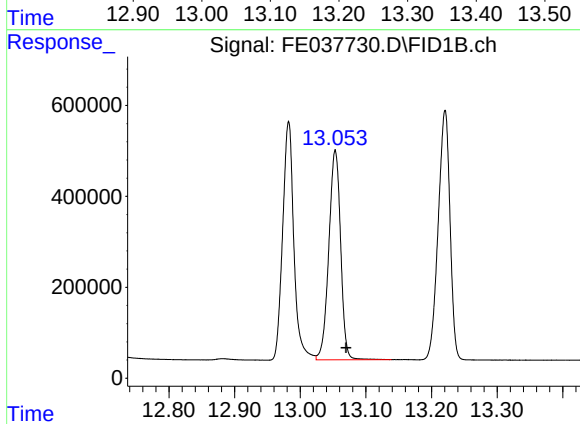
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.013 min
Response: 6969382
Conc: 44.05 ug/ml



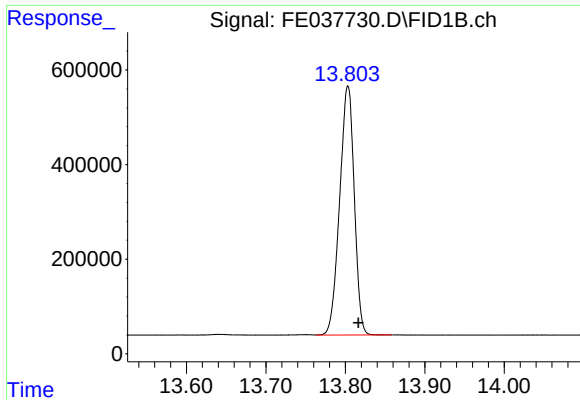
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: -0.014 min
Response: 6858724
Conc: 43.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.016 min
Response: 5771853
Conc: 44.85 ug/ml



#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.013 min
Response: 6733707
Conc: 43.26 ug/ml

Instrument :

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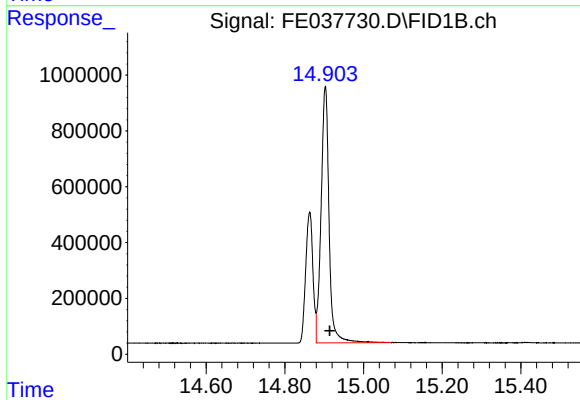
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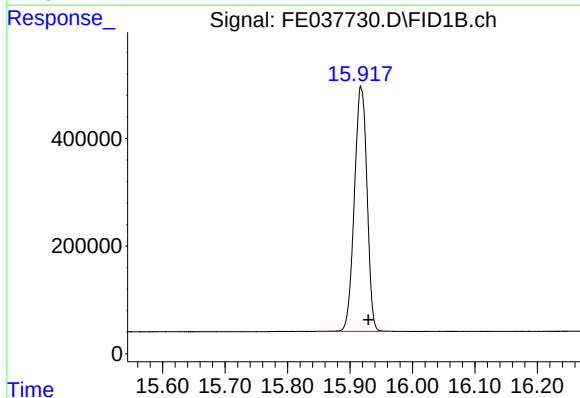
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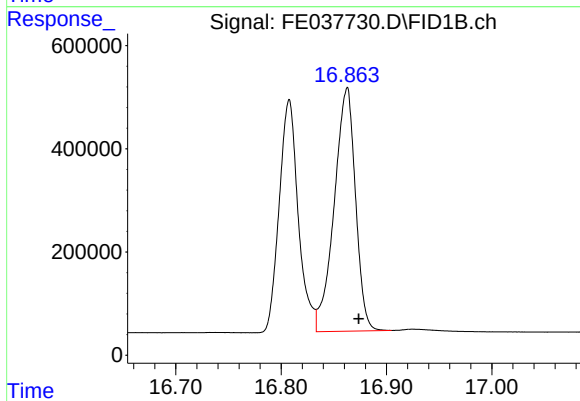
#14 n-Tetracosane (C24)

R.T.: 14.903 min
Delta R.T.: -0.012 min
Response: 12932487
Conc: 85.99 ug/ml



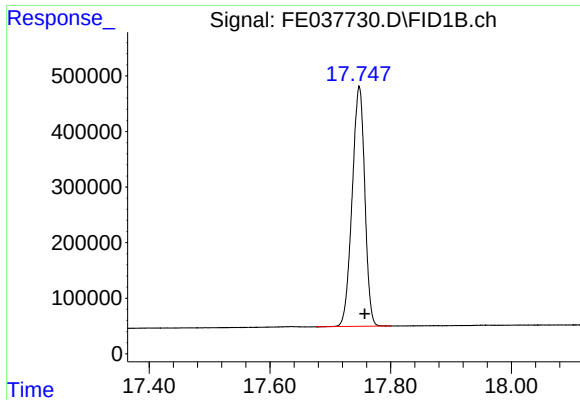
#15 n-Hexacosane (C26)

R.T.: 15.918 min
Delta R.T.: -0.012 min
Response: 6397705
Conc: 44.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.863 min
Delta R.T.: -0.011 min
Response: 6628884
Conc: 47.85 ug/ml



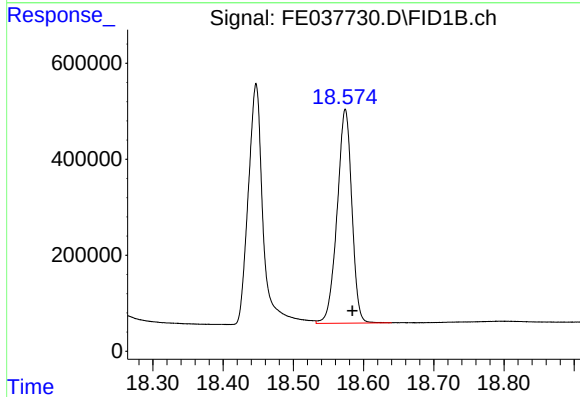
#17 n-Tricontane (C30)

R.T.: 17.748 min
Delta R.T.: -0.009 min
Response: 6282825
Conc: 46.19 ug/ml

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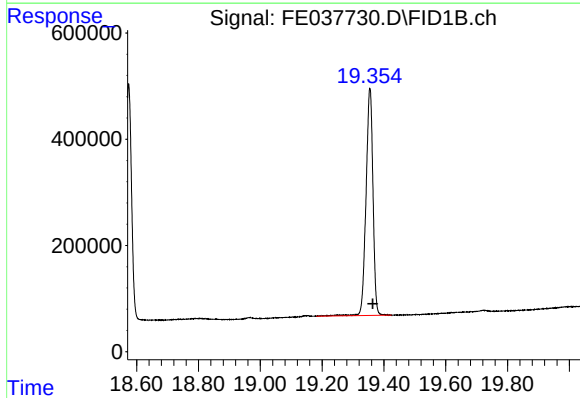
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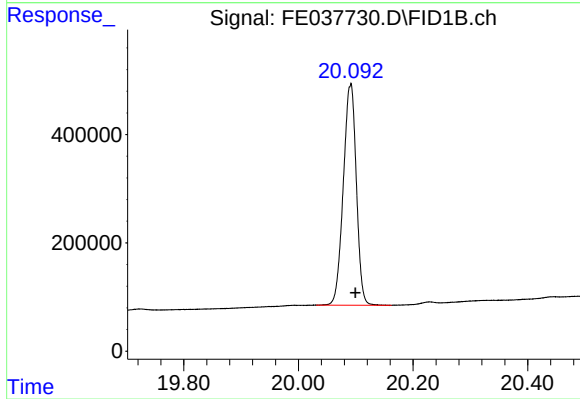
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.010 min
Response: 6491439
Conc: 48.61 ug/ml



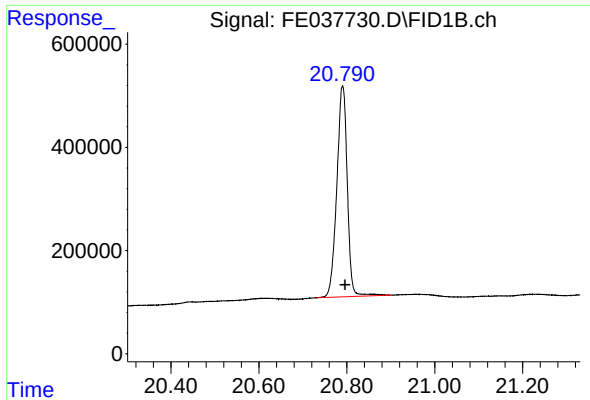
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: -0.008 min
Response: 6683486
Conc: 52.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.008 min
Response: 6448366
Conc: 50.14 ug/ml



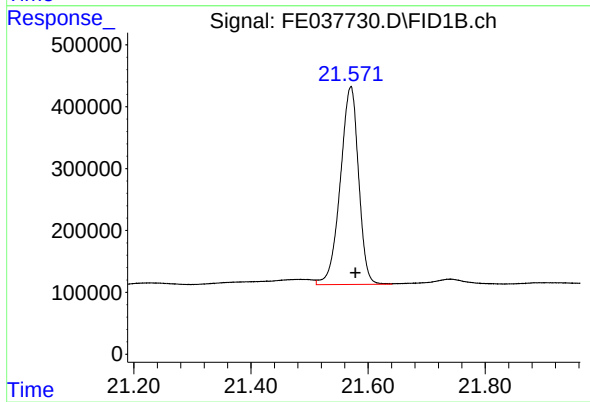
#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: -0.006 min
Response: 6761731
Conc: 54.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.008 min
Response: 6926087
Conc: 53.73 ug/ml