

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037666.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 21:15
 Operator : YP\AJ
 Sample : PB147735BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147735BS

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 04:24:10 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	6693604	39.609 ug/ml
Spiked Amount 50.000		Recovery =	79.22%
12) S 1-chlorooctadecane (S...	13.049	5434626	42.227 ug/ml
Spiked Amount 50.000		Recovery =	84.45%
Target Compounds			
1) T n-Nonane (C9)	3.029	5278670	34.500 ug/ml
2) T n-Decane (C10)	4.283	5522438	35.819 ug/mlm
3) T A~Naphthalene (C11.7)	5.993	6045000	41.958 ug/ml
4) T n-Dodecane (C12)	6.451	6239839	39.460 ug/ml
5) T A~2-methylnaphthalene...	7.086	6127789	43.891 ug/ml
6) T n-Tetradecane (C14)	9.870	6688669	42.212 ug/ml
7) T n-Hexadecane (C16)	9.870	6688669	42.212 ug/ml
8) T n-Octadecane (C18)	11.305	6695953	42.049 ug/ml
10) T n-Eicosane (C20)	12.607	6408583	40.504 ug/ml
11) T n-Heneicosane (C21)	13.214	6305918	39.989 ug/ml
13) T n-Docosane (C22)	13.799	6198697	39.820 ug/ml
14) T n-Tetracosane (C24)	14.895	12068287	80.239 ug/ml
15) T n-Hexacosane (C26)	15.912	5881330	40.616 ug/ml
16) T n-Octacosane (C28)	16.855	6282591	45.349 ug/ml
17) T n-Tricontane (C30)	17.738	5755118	42.307 ug/ml
18) T n-Dotriacontane (C32)	18.564	5943539	44.510 ug/ml
19) T n-Tetratriacontane (C34)	19.345	5888830	46.542 ug/ml
20) T n-Hexatriacontane (C36)	20.079	5729873	44.551 ug/mlm
21) T n-Octatriacontane (C38)	20.778	5922064	47.582 ug/mlm
22) T n-Tetracontane (C40)	21.555	6263559	48.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 24 Sample Multiplier: 1

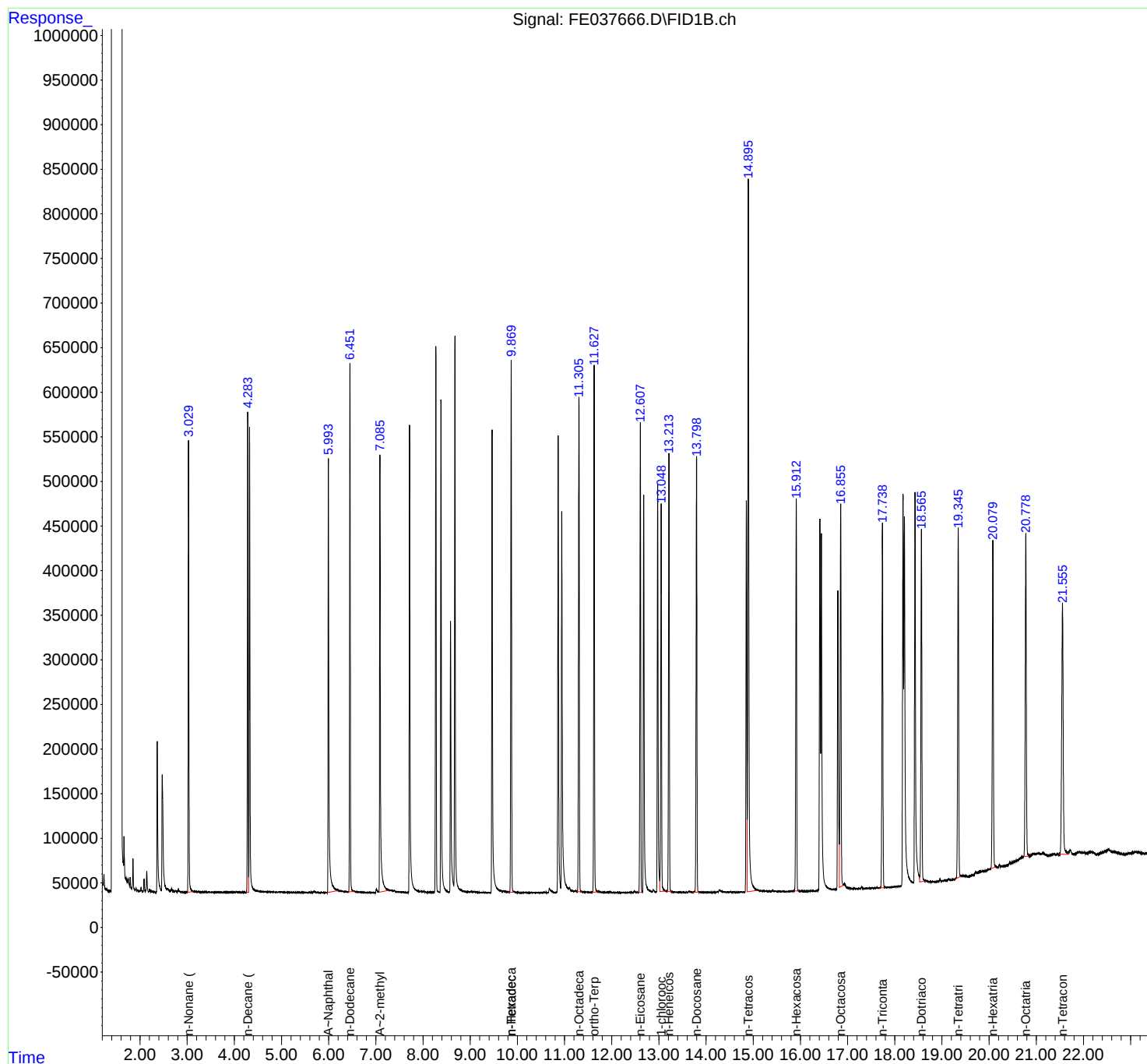
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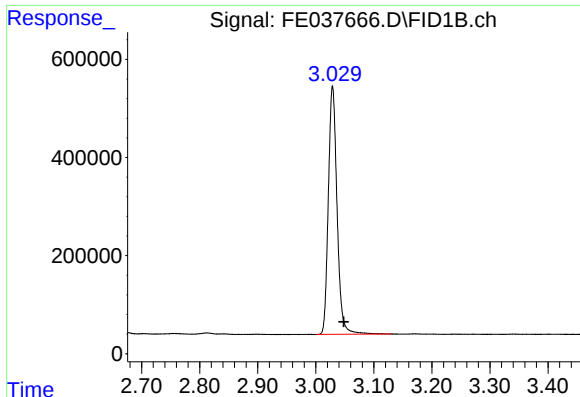
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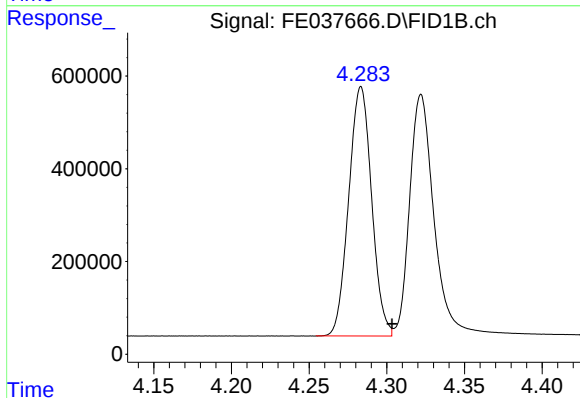
#1 n-Nonane (C9)

R.T.: 3.029 min
Delta R.T.: -0.019 min
Response: 5278670
Conc: 34.50 ug/ml

Instrument :
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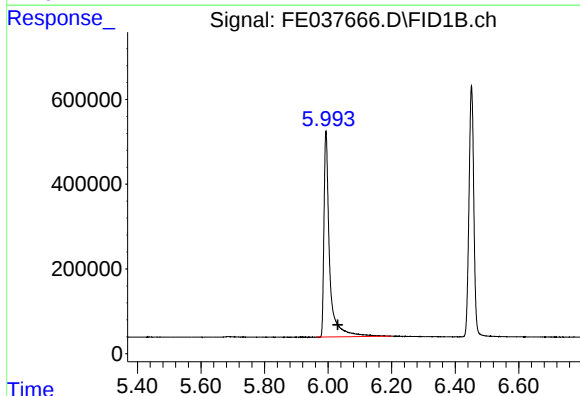
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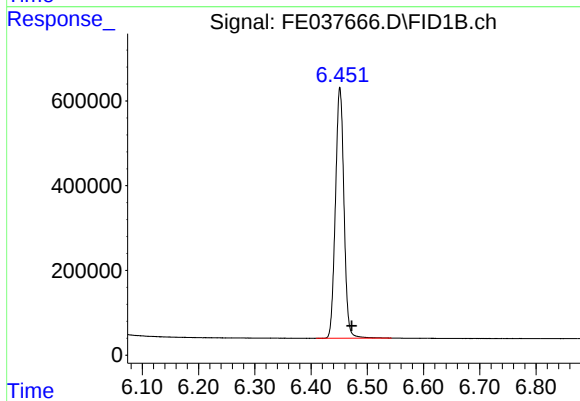
#2 n-Decane (C10)

R.T.: 4.283 min
Delta R.T.: -0.020 min
Response: 5522438
Conc: 35.82 ug/ml m



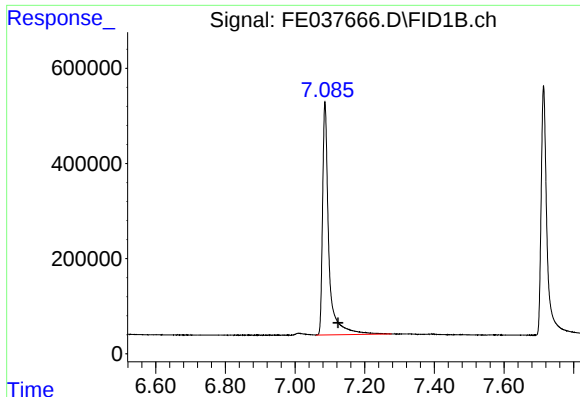
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.037 min
Response: 6045000
Conc: 41.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.021 min
Response: 6239839
Conc: 39.46 ug/ml



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

R.T.: 7.086 min
Delta R.T.: -0.037 min
Response: 6127789
Conc: 43.89 ug/ml

Instrument :

FID_E

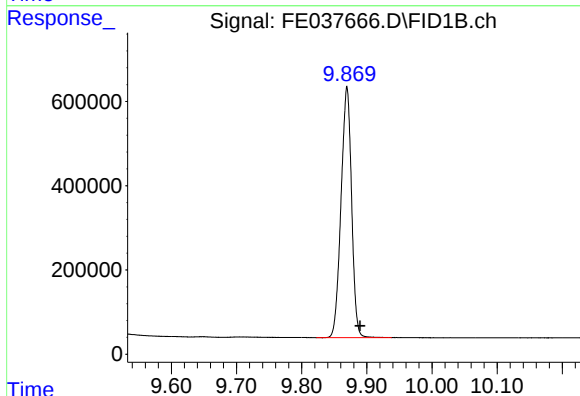
ClientSampleId :

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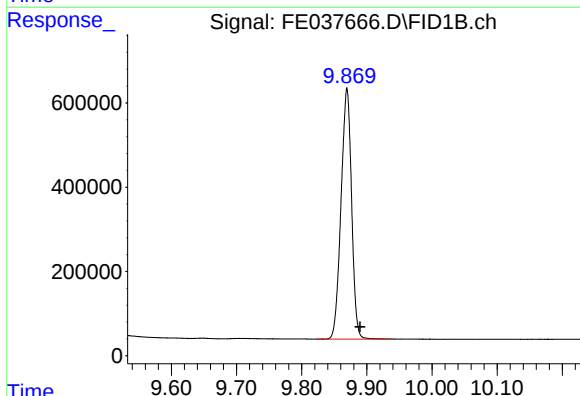
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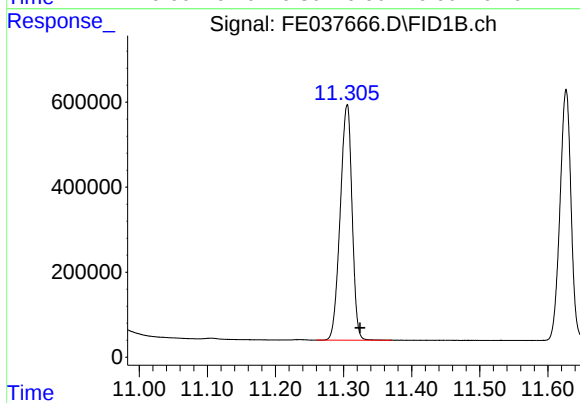
#6 n-Tetradecane (C14)

R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 6688669
Conc: 42.21 ug/ml



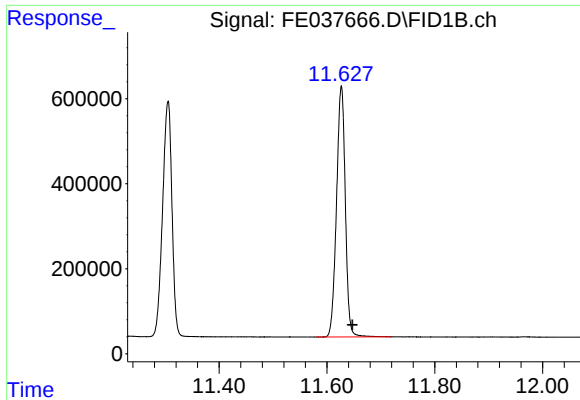
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 6688669
Conc: 42.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.019 min
Response: 6695953
Conc: 42.05 ug/ml



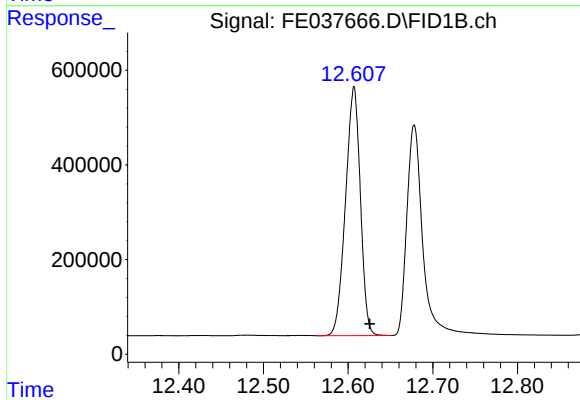
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 6693604
Conc: 39.61 ug/ml

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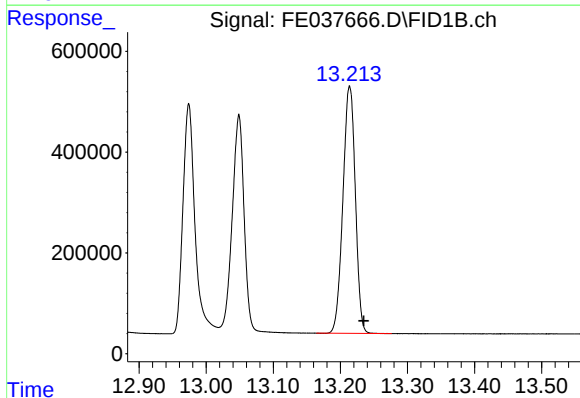
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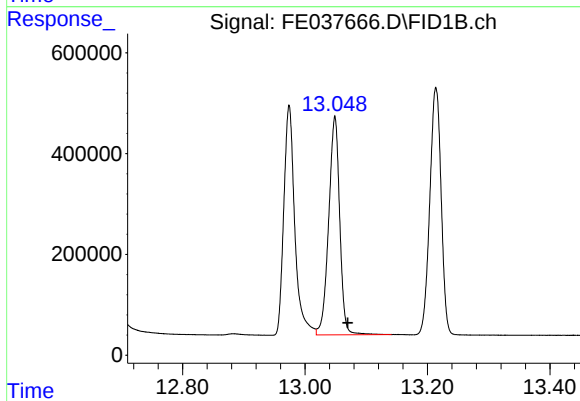
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.018 min
Response: 6408583
Conc: 40.50 ug/ml



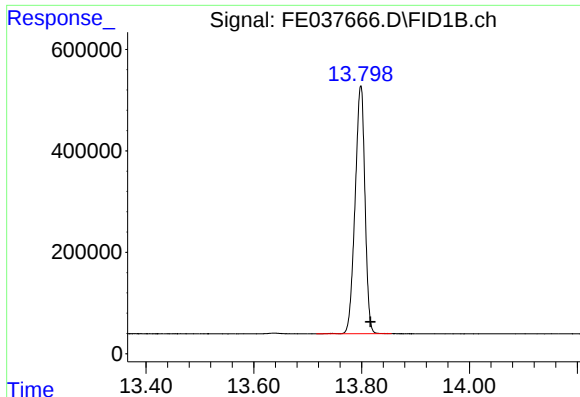
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.021 min
Response: 6305918
Conc: 39.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 5434626
Conc: 42.23 ug/ml



#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.018 min
Response: 6198697
Conc: 39.82 ug/ml

Instrument :

FID_E

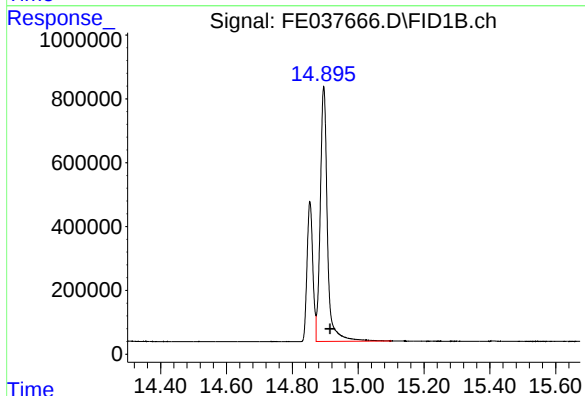
ClientSampleId :

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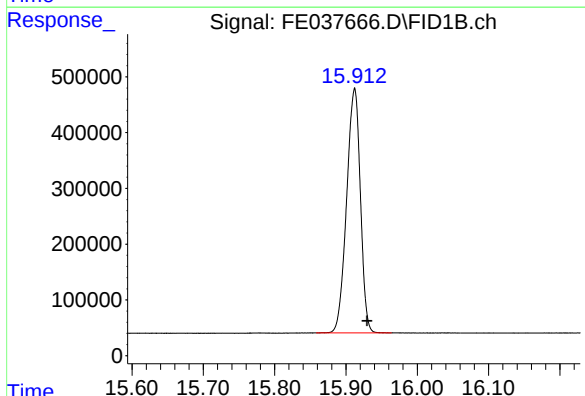
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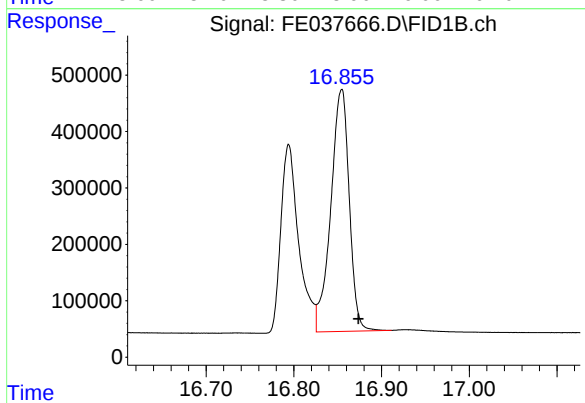
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.019 min
Response: 12068287
Conc: 80.24 ug/ml



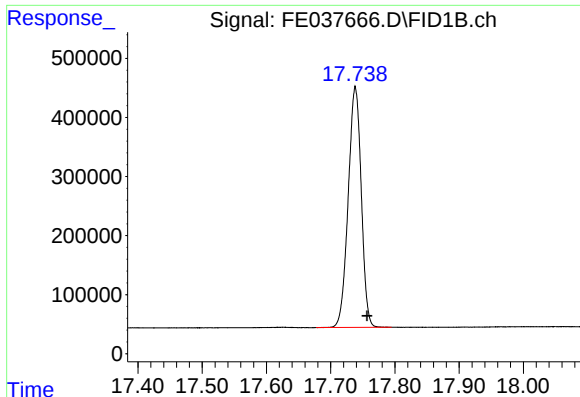
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.017 min
Response: 5881330
Conc: 40.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.019 min
Response: 6282591
Conc: 45.35 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: -0.018 min
Response: 5755118
Conc: 42.31 ug/ml

Instrument :

FID_E

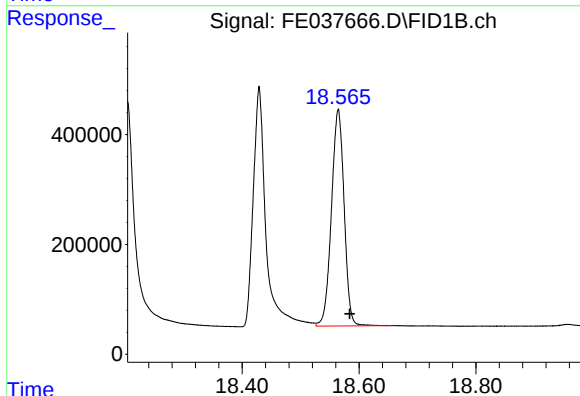
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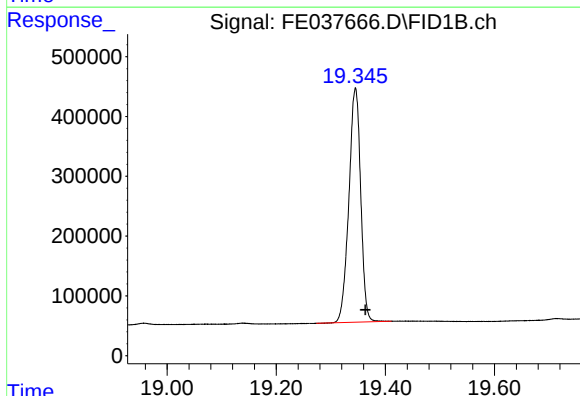
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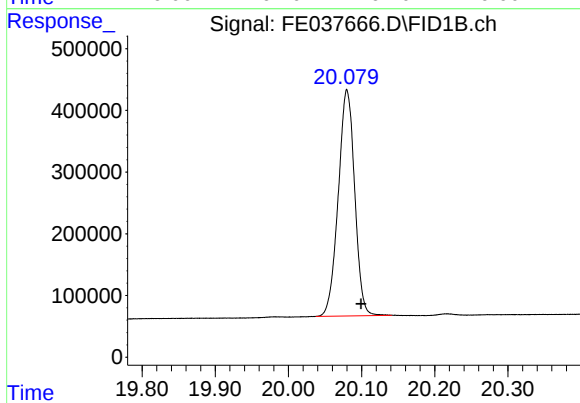
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.020 min
Response: 5943539
Conc: 44.51 ug/ml



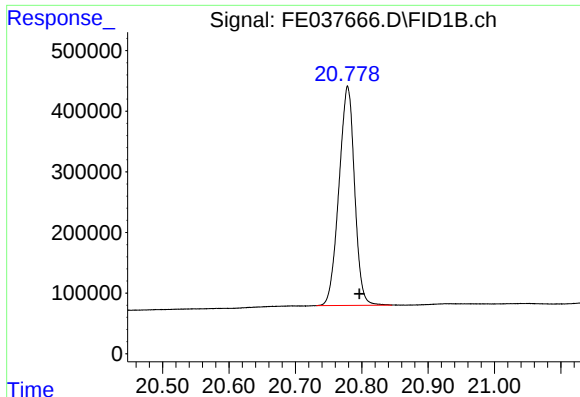
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.018 min
Response: 5888830
Conc: 46.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.020 min
Response: 5729873
Conc: 44.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.018 min
Response: 5922064
Conc: 47.58 ug/ml

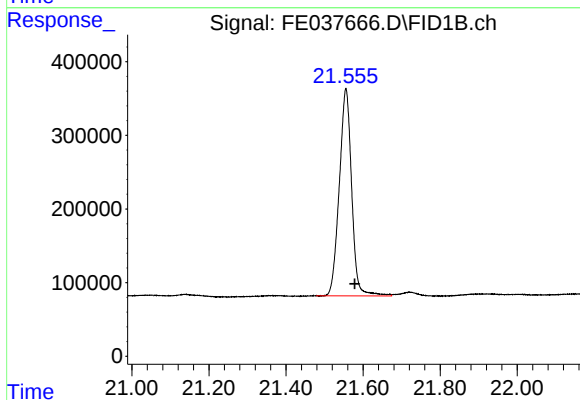
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#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.023 min
Response: 6263559
Conc: 48.59 ug/ml