

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090222AL\
 Data File : FE037405.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2022 17:27
 Operator : YP\AJ
 Sample : PB147432BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147432BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 00:55:40 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)	11.642	7290654	43.142 ug/ml
Spiked Amount 50.000		Recovery =	86.28%
12) S 1-chlorooctadecane (S...	13.064	5958379	46.297 ug/ml
Spiked Amount 50.000		Recovery =	92.59%
Target Compounds			
1) T n-Nonane (C9)	3.049	5837859	38.154 ug/ml
2) T n-Decane (C10)	4.301	6018436	39.036 ug/ml
3) T A~Naphthalene (C11.7)	6.008	6281762	43.602 ug/ml
4) T n-Dodecane (C12)	6.466	6470785	40.920 ug/ml
5) T A~2-methylnaphthalene...	7.100	6296947	45.103 ug/ml
6) T n-Tetradecane (C14)	9.885	7375826	46.549 ug/ml
7) T n-Hexadecane (C16)	9.885	7375826	46.549 ug/ml
8) T n-Octadecane (C18)	11.322	7588032	47.651 ug/ml
10) T n-Eicosane (C20)	12.624	7317893	46.251 ug/ml
11) T n-Heneicosane (C21)	13.231	7201044	45.666 ug/ml
13) T n-Docosane (C22)	13.815	7063067	45.372 ug/ml
14) T n-Tetracosane (C24)	14.911	13271843	88.241 ug/ml
15) T n-Hexacosane (C26)	15.928	6549541	45.231 ug/ml
16) T n-Octacosane (C28)	16.872	6593158	47.591 ug/ml
17) T n-Tricontane (C30)	17.757	6254060	45.975 ug/ml
18) T n-Dotriacontane (C32)	18.584	6290213	47.106 ug/ml
19) T n-Tetratriacontane (C34)	19.363	6309937	49.870 ug/ml
20) T n-Hexatriacontane (C36)	20.097	6109847	47.505 ug/ml
21) T n-Octatriacontane (C38)	20.795	6244378	50.172 ug/mlm
22) T n-Tetracontane (C40)	21.575	6524338	50.609 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147432BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

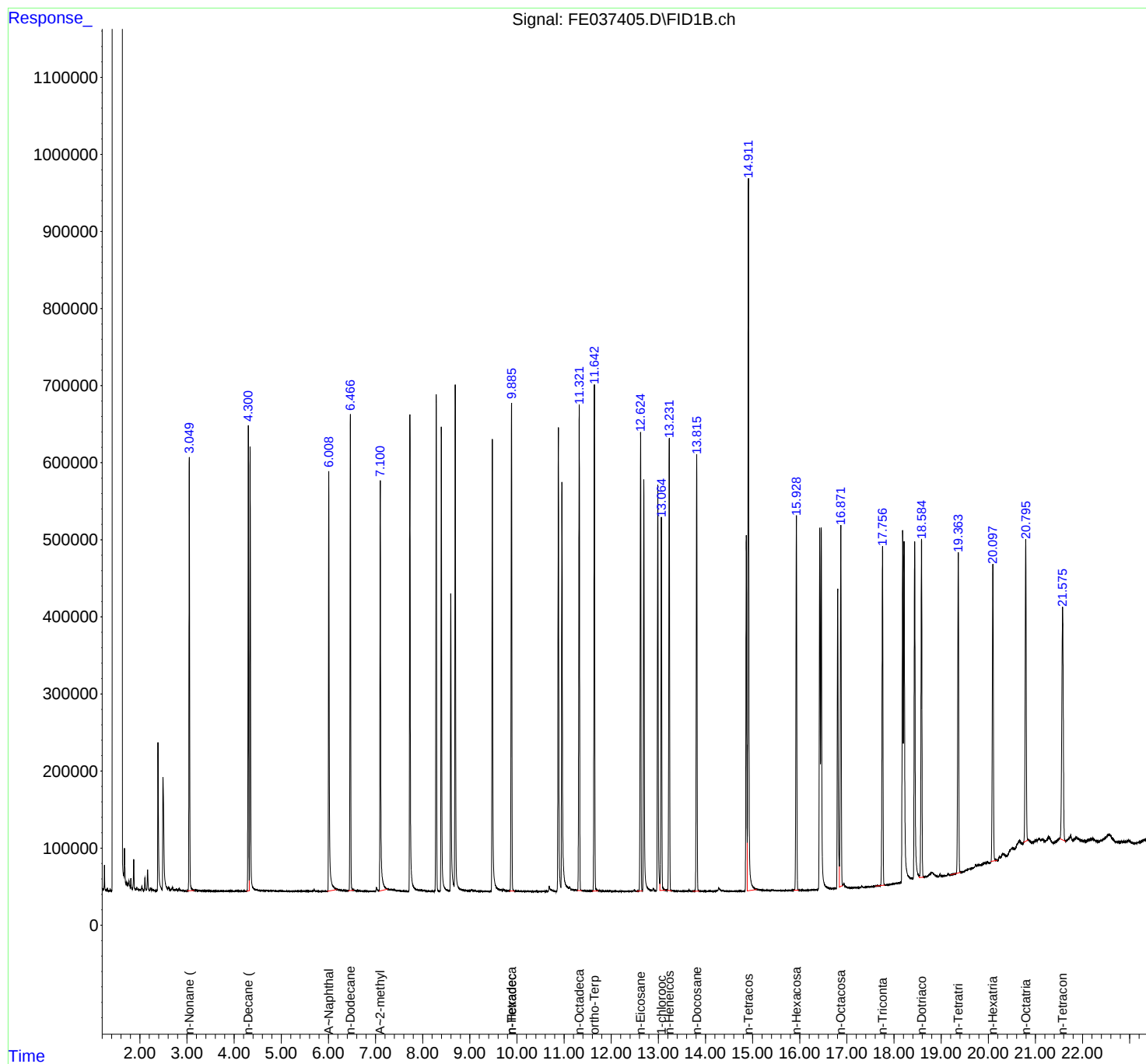
Instrument :
FID_E
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PB147432BSD

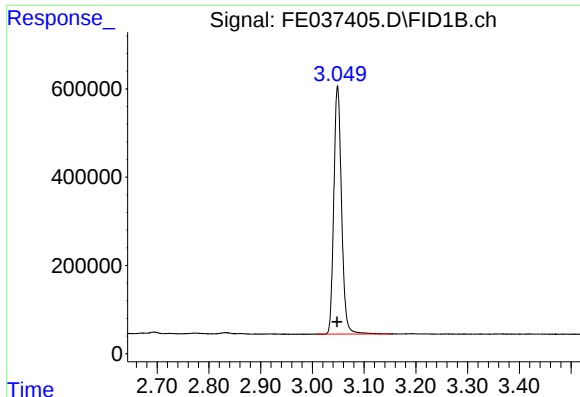
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#1 n-Nonane (C9)

R.T.: 3.049 min
Delta R.T.: 0.000 min
Response: 5837859
Conc: 38.15 ug/ml

Instrument :

FID_E

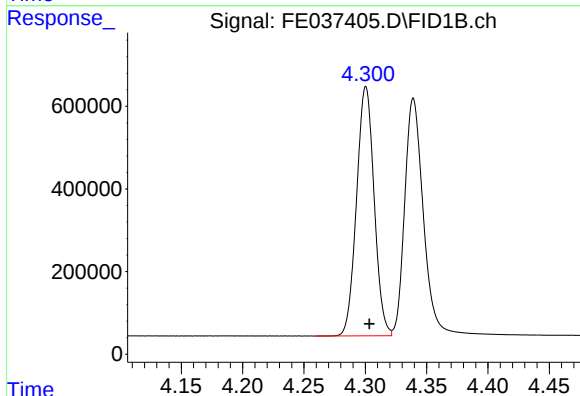
ClientSampleId :

PB147432BSD

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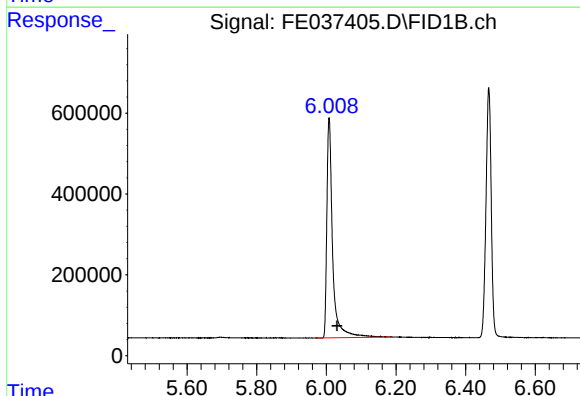
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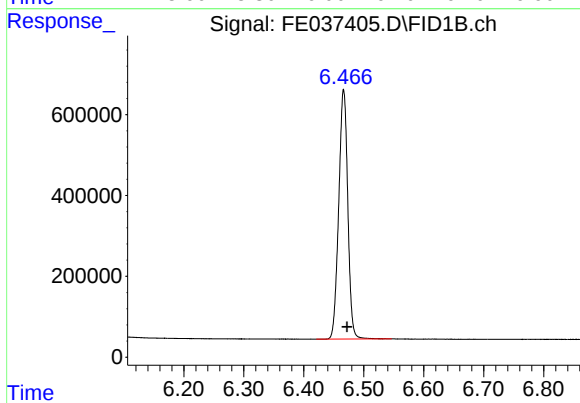
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 6018436
Conc: 39.04 ug/ml



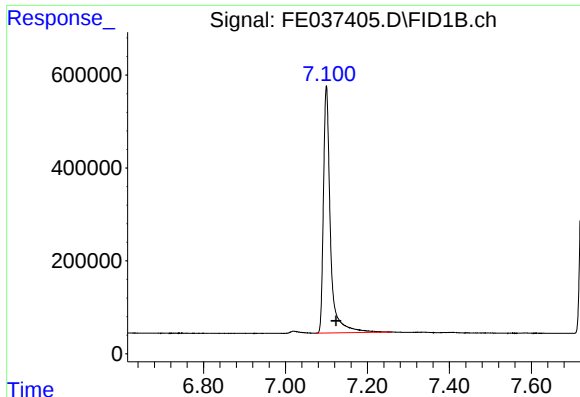
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.023 min
Response: 6281762
Conc: 43.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.006 min
Response: 6470785
Conc: 40.92 ug/ml



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

R.T.: 7.100 min
Delta R.T.: -0.023 min
Response: 6296947
Conc: 45.10 ug/ml

Instrument :

FID_E

ClientSampleId :

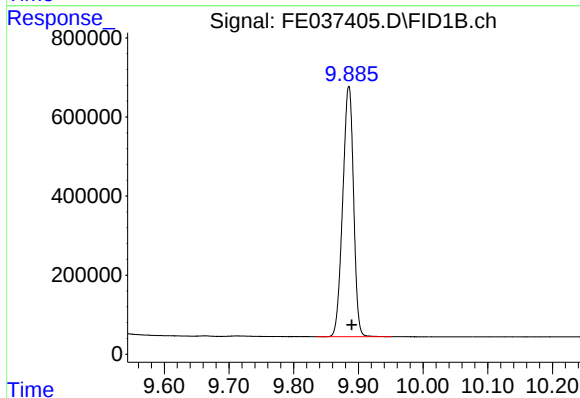
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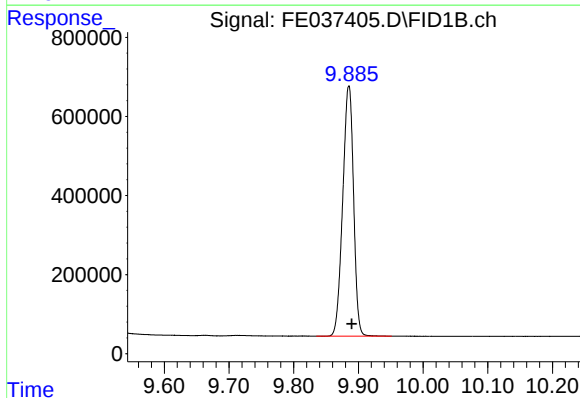
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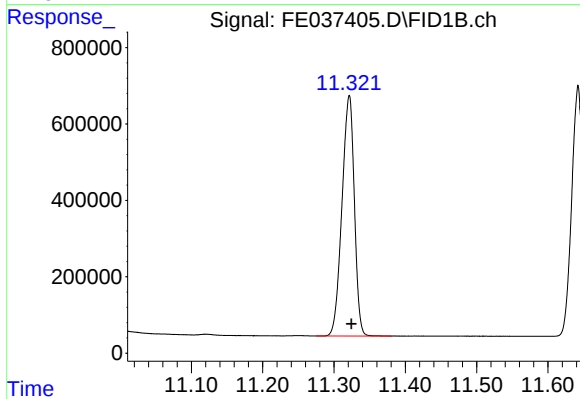
#6 n-Tetradecane (C14)

R.T.: 9.885 min
Delta R.T.: -0.004 min
Response: 7375826
Conc: 46.55 ug/ml



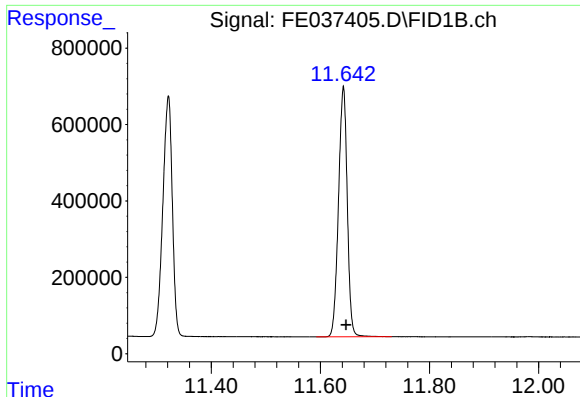
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.004 min
Response: 7375826
Conc: 46.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: -0.003 min
Response: 7588032
Conc: 47.65 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 7290654
Conc: 43.14 ug/ml

Instrument :

FID_E

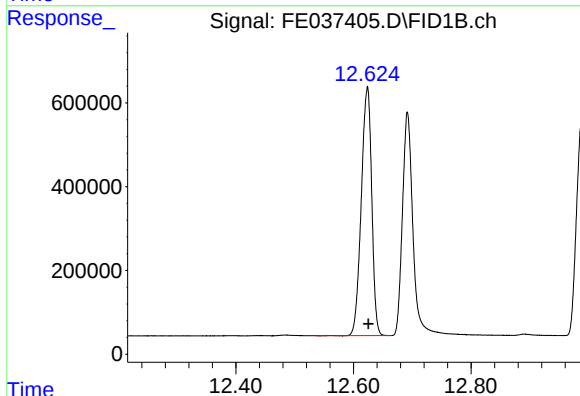
ClientSampleId :

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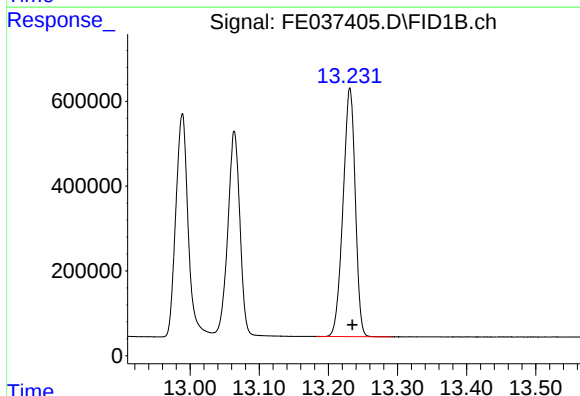
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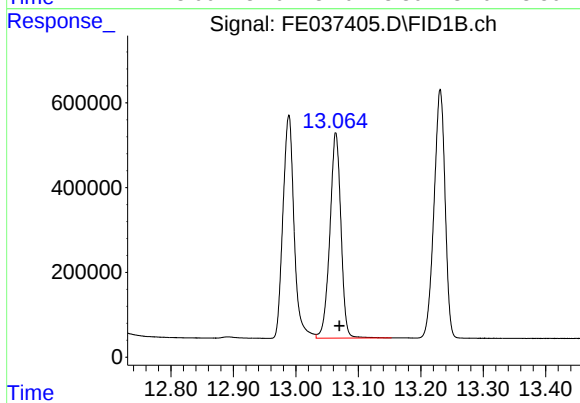
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.002 min
Response: 7317893
Conc: 46.25 ug/ml



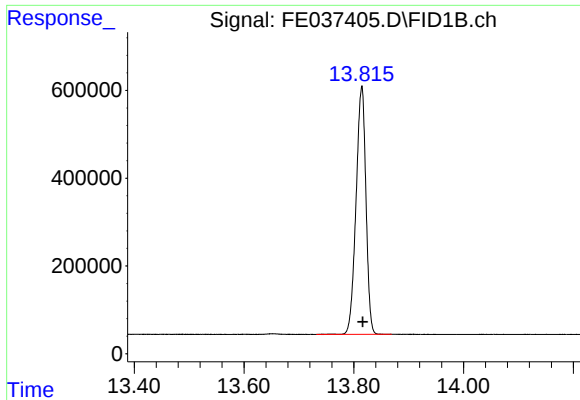
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.004 min
Response: 7201044
Conc: 45.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min
Delta R.T.: -0.006 min
Response: 5958379
Conc: 46.30 ug/ml



#13 n-Docosane (C22)

R.T.: 13.815 min
Delta R.T.: -0.002 min
Response: 7063067
Conc: 45.37 ug/ml

Instrument :

FID_E

ClientSampleId :

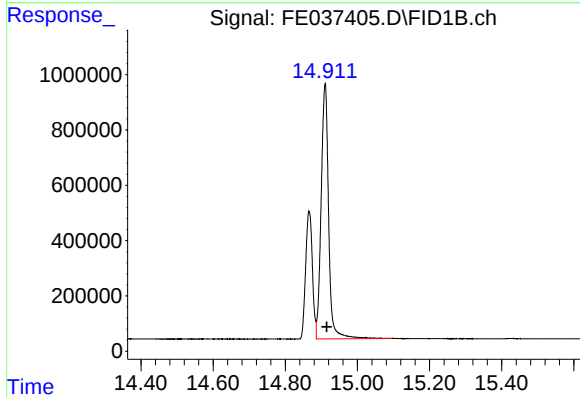
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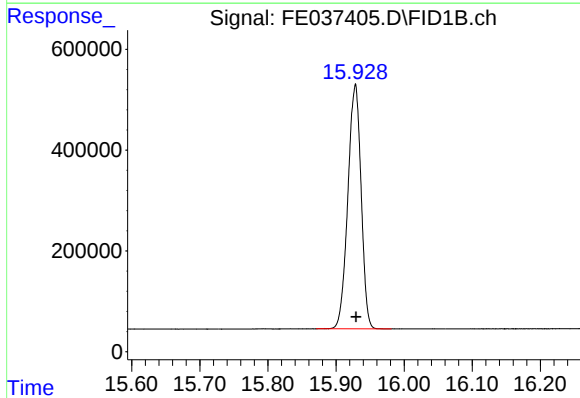
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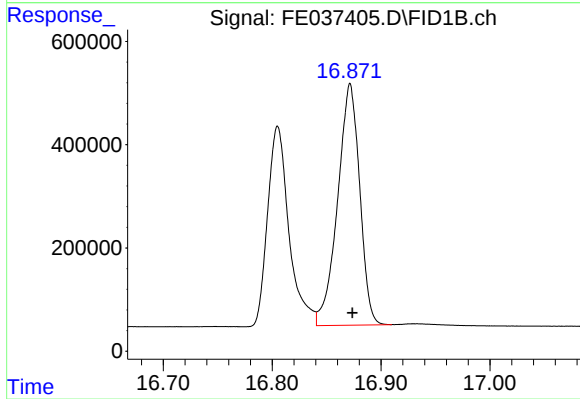
#14 n-Tetracosane (C24)

R.T.: 14.911 min
Delta R.T.: -0.004 min
Response: 13271843
Conc: 88.24 ug/ml



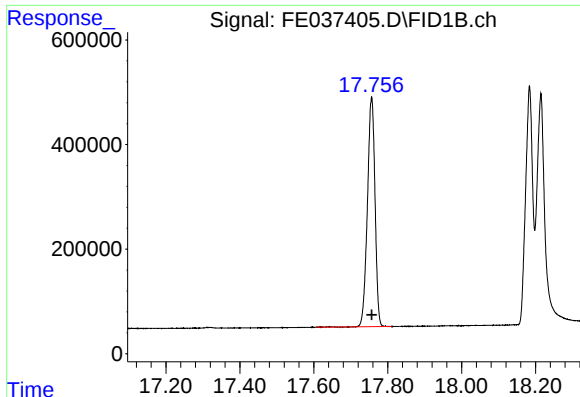
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: 0.000 min
Response: 6549541
Conc: 45.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: -0.002 min
Response: 6593158
Conc: 47.59 ug/ml



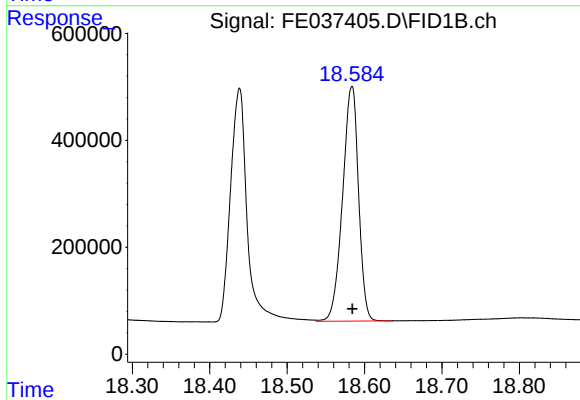
#17 n-Tricontane (C30)

R.T.: 17.757 min
Delta R.T.: 0.000 min
Response: 6254060
Conc: 45.97 ug/ml

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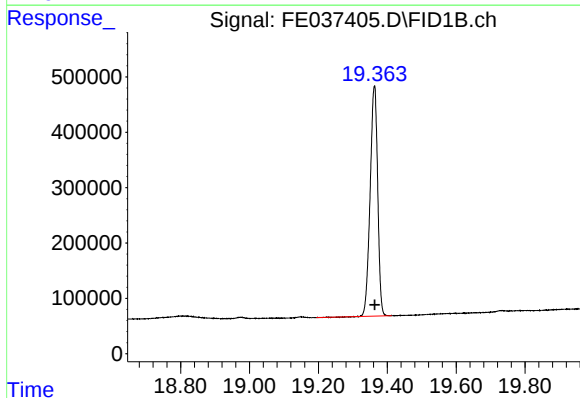
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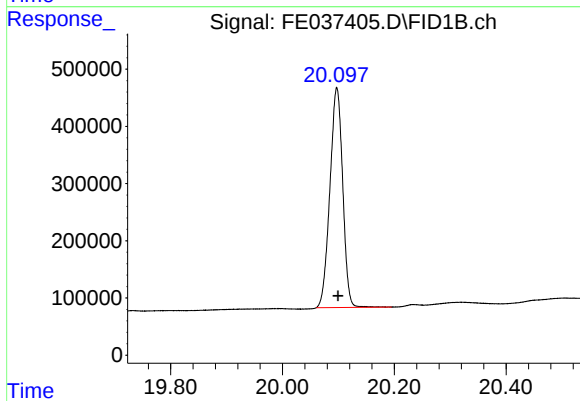
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.000 min
Response: 6290213
Conc: 47.11 ug/ml



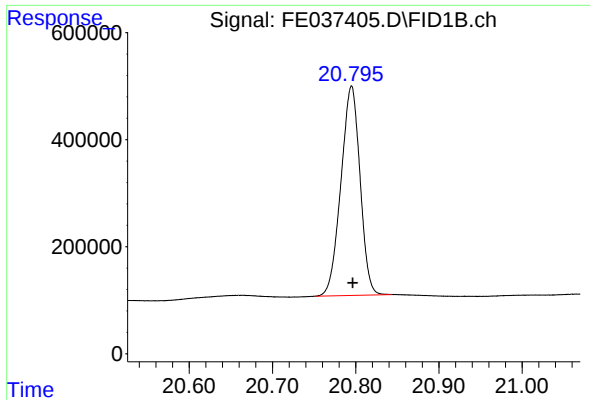
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.000 min
Response: 6309937
Conc: 49.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: -0.002 min
Response: 6109847
Conc: 47.51 ug/ml



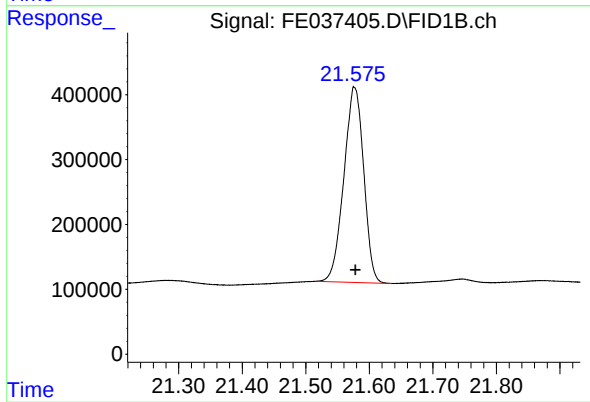
#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.002 min
Response: 6244378
Conc: 50.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.003 min
Response: 6524338
Conc: 50.61 ug/ml m