

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036364.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 15:54
 Operator : YP\AJ
 Sample : PB146014BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 03:48:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.874	8761728	43.854 ug/ml
Spiked Amount 50.000		Recovery =	87.71%
12) S 1-chlorooctadecane (S...	13.311	6961948	44.969 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			
1) T n-Nonane (C9)	3.278	7608862	42.304 ug/ml
2) T n-Decane (C10)	4.525	7833887	43.580 ug/ml
3) T A~Naphthalene (C11.7)	6.221	9174583	45.727 ug/ml
4) T n-Dodecane (C12)	6.686	8476246	45.762 ug/ml
5) T A~2-methylnaphthalene...	7.316	9243924	45.409 ug/ml
6) T n-Tetradecane (C14)	8.515	9060481	48.464 ug/ml
7) T n-Hexadecane (C16)	10.119	9394707	50.166 ug/ml
8) T n-Octadecane (C18)	11.562	9644199	51.839 ug/ml
10) T n-Eicosane (C20)	12.870	9216680	50.875 ug/ml
11) T n-Heneicosane (C21)	13.480	9025171	50.243 ug/ml
13) T n-Docosane (C22)	14.066	8862879	50.130 ug/ml
14) T n-Tetracosane (C24)	15.167	6291734	36.735 ug/ml
15) T n-Hexacosane (C26)	16.189	8282582	50.130 ug/ml
16) T n-Octacosane (C28)	17.138	8105667	50.637 ug/ml
17) T n-Tricontane (C30)	18.025	7903540	51.050 ug/ml
18) T n-Dotriacontane (C32)	18.858	7803804	53.401 ug/ml
19) T n-Tetratriacontane (C34)	19.641	7862345	56.816 ug/ml
20) T n-Hexatriacontane (C36)	20.381	7579207	56.457 ug/ml
21) T n-Octatriacontane (C38)	21.109	7422948	55.816 ug/mlm
22) T n-Tetracontane (C40)	22.003	7650835	54.717 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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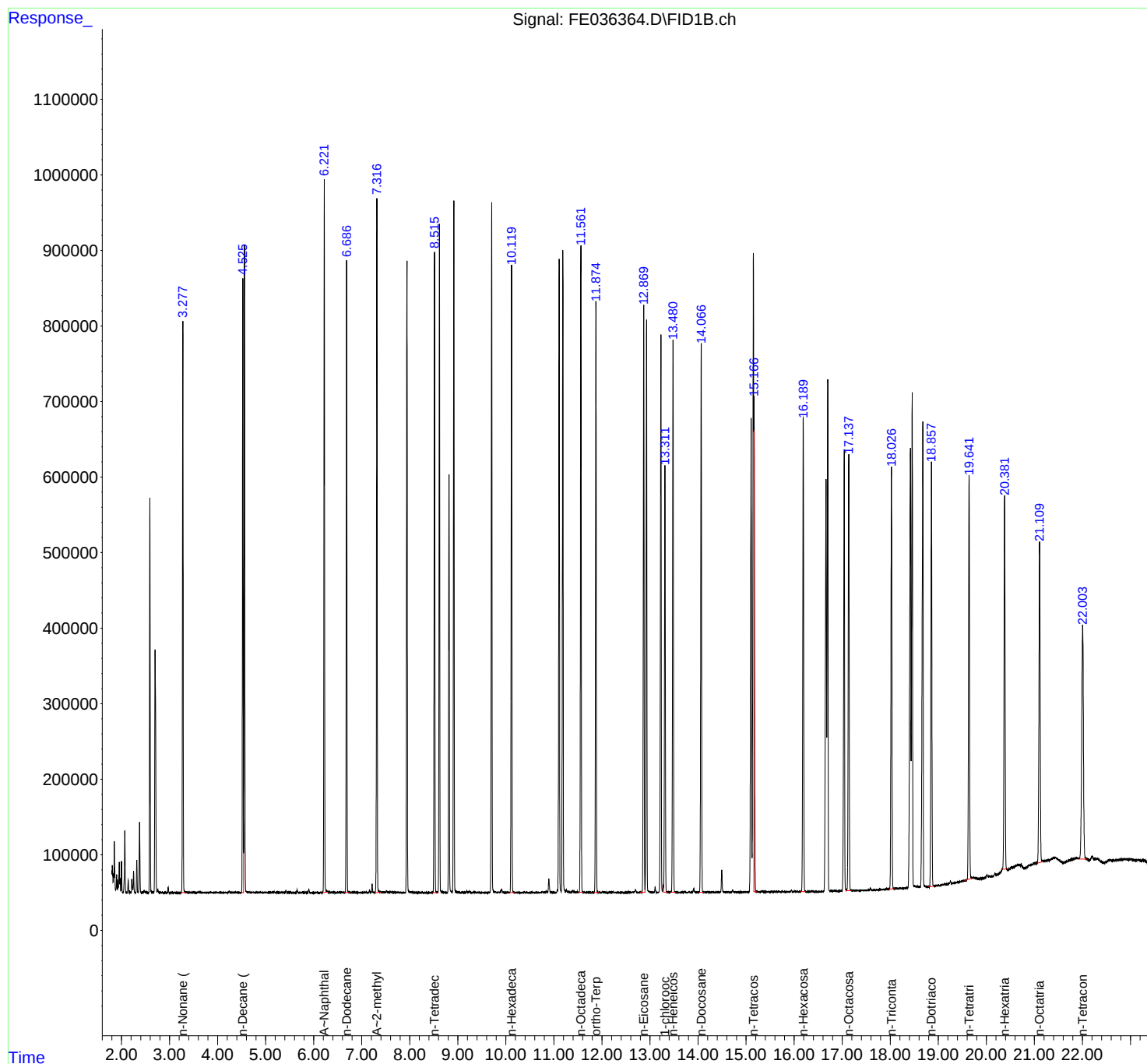
Instrument :
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ClientSampleId :

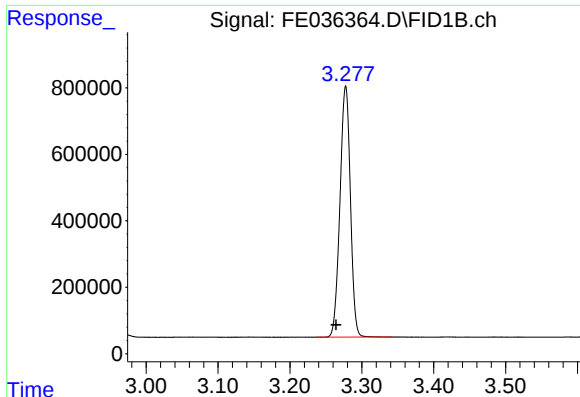
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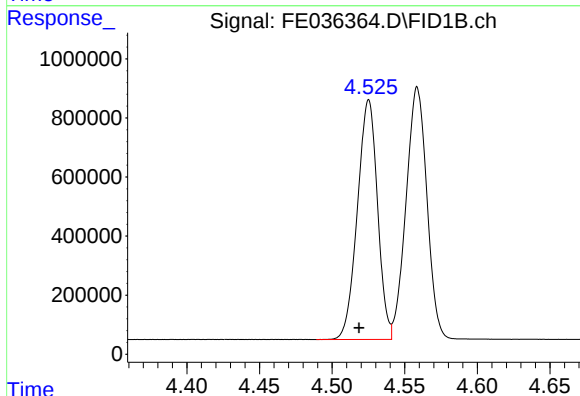
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.014 min
Response: 7608862
Conc: 42.30 ug/ml

Instrument :
FID_E
ClientSampleId :

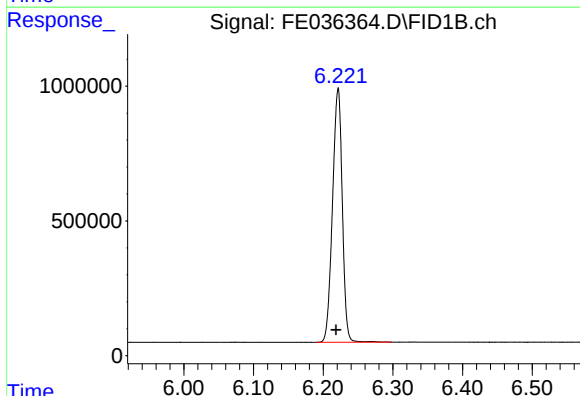
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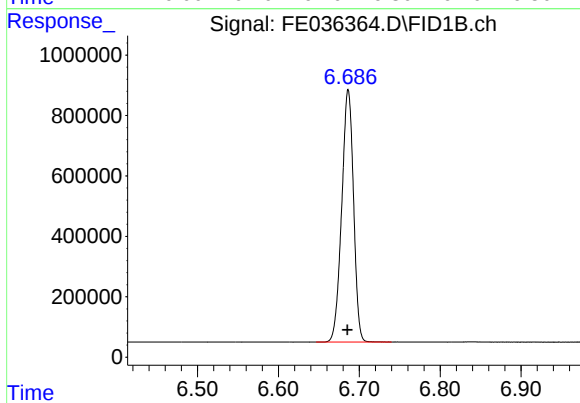
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.007 min
Response: 7833887
Conc: 43.58 ug/ml



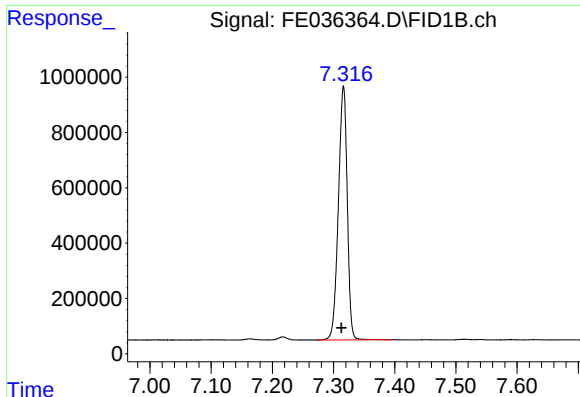
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.003 min
Response: 9174583
Conc: 45.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 8476246
Conc: 45.76 ug/ml



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

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 9243924
Conc: 45.41 ug/ml

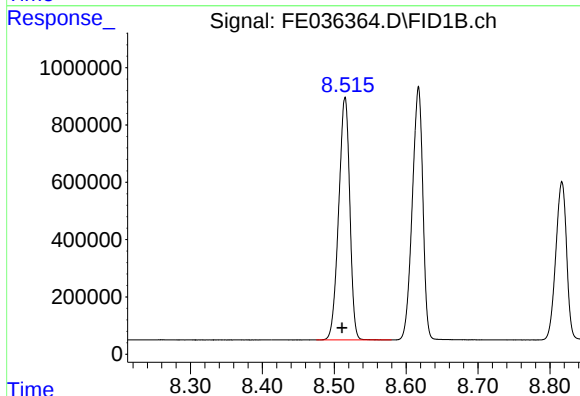
Instrument :

FID_E

ClientSampleId :

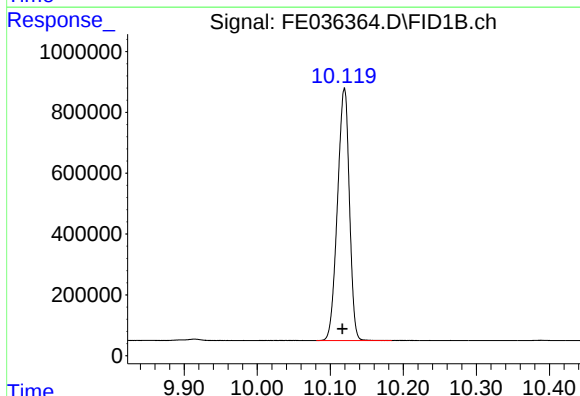
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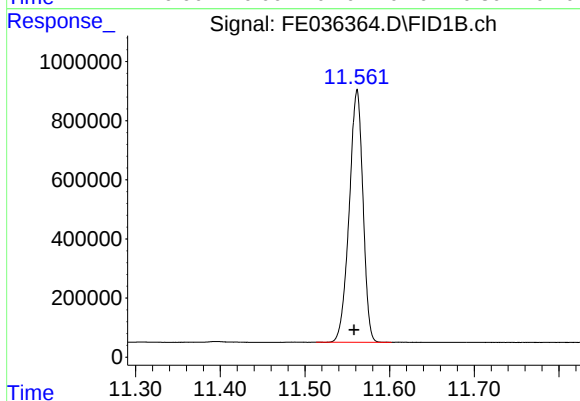
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.004 min
Response: 9060481
Conc: 48.46 ug/ml



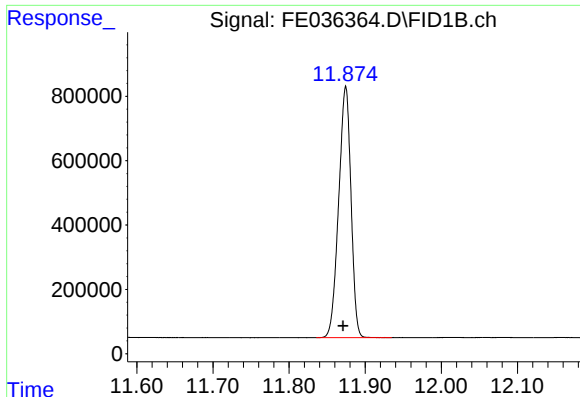
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: 0.003 min
Response: 9394707
Conc: 50.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.003 min
Response: 9644199
Conc: 51.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 8761728
Conc: 43.85 ug/ml

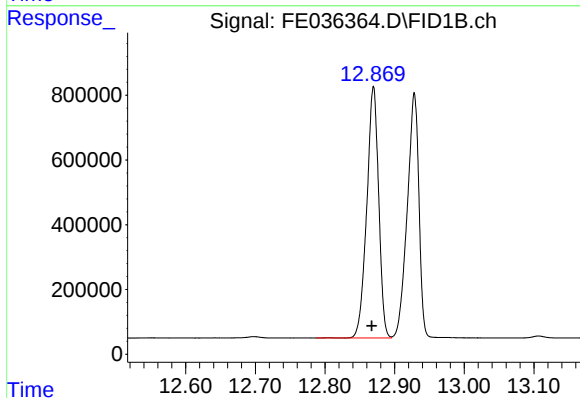
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FID_E

ClientSampleId :

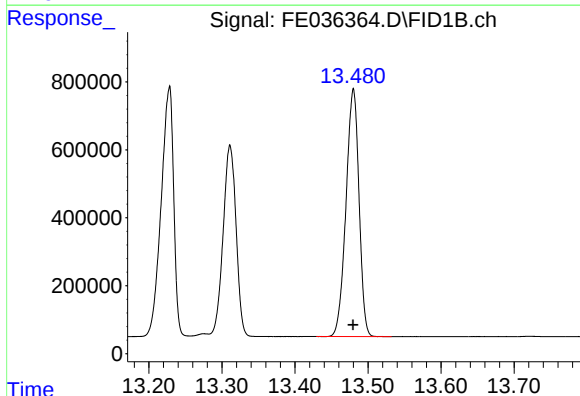
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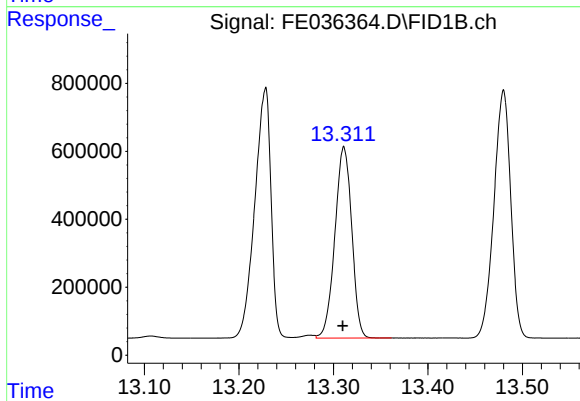
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.002 min
Response: 9216680
Conc: 50.88 ug/ml



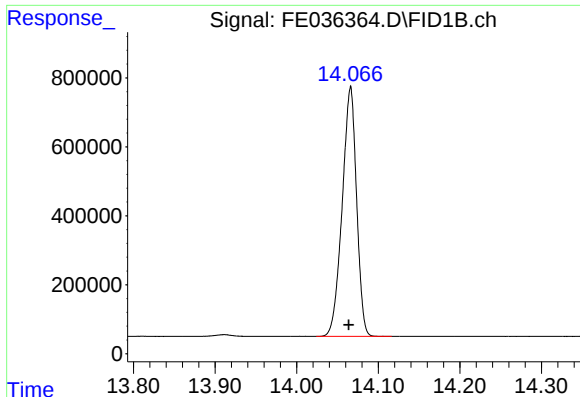
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 9025171
Conc: 50.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.001 min
Response: 6961948
Conc: 44.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 8862879
Conc: 50.13 ug/ml

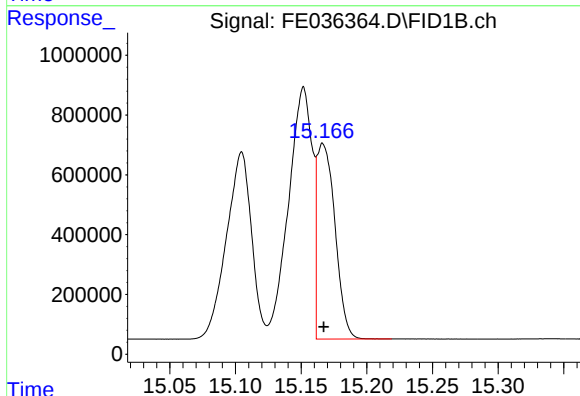
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ClientSampleId :

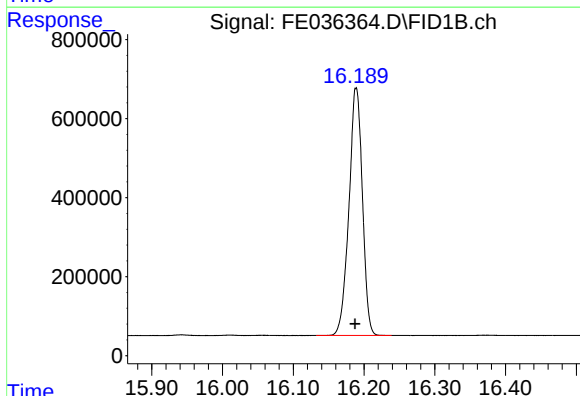
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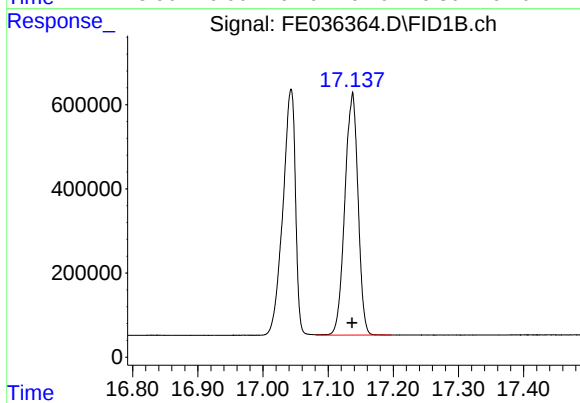
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: 0.000 min
Response: 6291734
Conc: 36.73 ug/ml



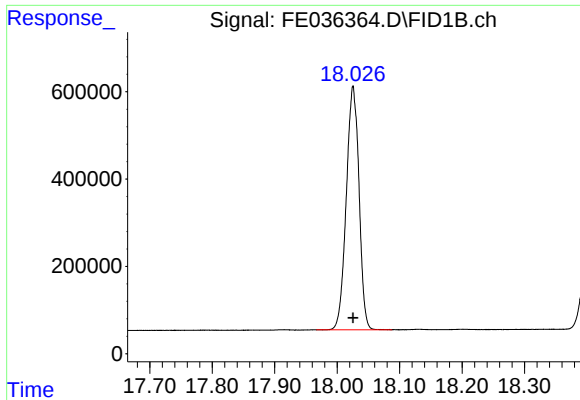
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.002 min
Response: 8282582
Conc: 50.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 8105667
Conc: 50.64 ug/ml



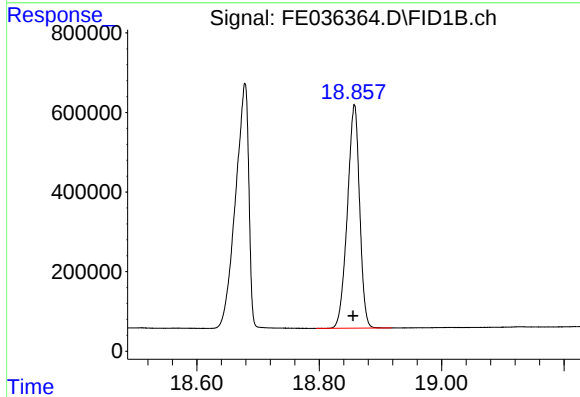
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.000 min
Response: 7903540
Conc: 51.05 ug/ml

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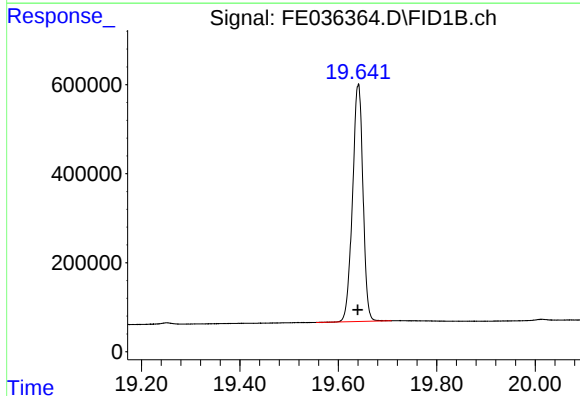
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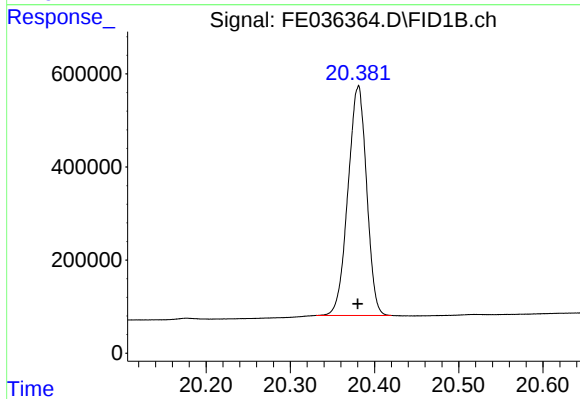
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: 0.002 min
Response: 7803804
Conc: 53.40 ug/ml



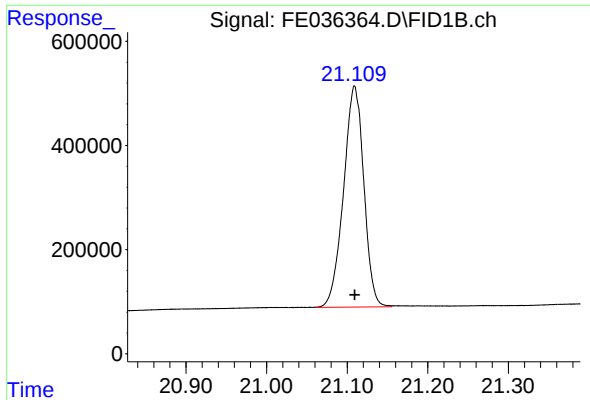
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.001 min
Response: 7862345
Conc: 56.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 7579207
Conc: 56.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: 0.000 min
Response: 7422948
Conc: 55.82 ug/ml

Instrument :

FID_E

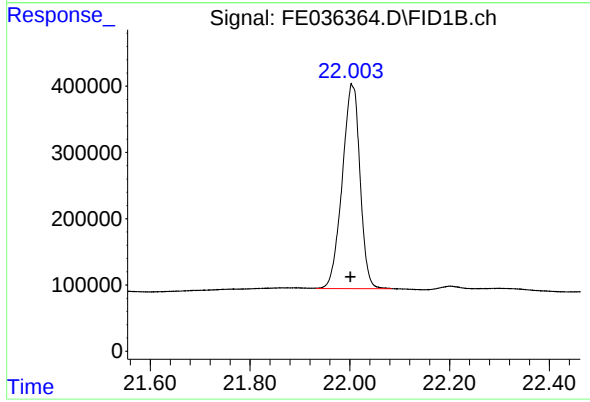
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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: 0.001 min
Response: 7650835
Conc: 54.72 ug/ml m