

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037386.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 17:41
 Operator : YP\AJ
 Sample : N4468-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 T-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:21:02 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)	11.640	4643290	27.476 ug/ml
Spiked Amount 50.000		Recovery =	54.95%
12) S 1-chlorooctadecane (S...	13.062	3844959	29.876 ug/ml
Spiked Amount 50.000		Recovery =	59.75%
Target Compounds			
1) T n-Nonane (C9)	3.058	6629420	43.328 ug/ml
2) T n-Decane (C10)	4.305	6822443	44.251 ug/ml
3) T A~Naphthalene (C11.7)	6.012	7063811	49.030 ug/ml
4) T n-Dodecane (C12)	6.467	7256092	45.886 ug/ml
5) T A~2-methylnaphthalene...	7.103	6797078	48.685 ug/ml
6) T n-Tetradecane (C14)	9.884	7254167	45.781 ug/ml
7) T n-Hexadecane (C16)	9.884	7254167	45.781 ug/ml
8) T n-Octadecane (C18)	11.318	7279305	45.712 ug/ml
10) T n-Eicosane (C20)	12.621	7137381	45.110 ug/ml
11) T n-Heneicosane (C21)	13.229	6984304	44.291 ug/ml
13) T n-Docosane (C22)	13.812	6951405	44.655 ug/ml
14) T n-Tetracosane (C24)	14.908	13488552	89.682 ug/ml
15) T n-Hexacosane (C26)	15.925	6596982	45.558 ug/ml
16) T n-Octacosane (C28)	16.870	6849349	49.440 ug/ml
17) T n-Tricontane (C30)	17.754	6319633	46.457 ug/ml
18) T n-Dotriacontane (C32)	18.580	6366901	47.680 ug/ml
19) T n-Tetratriacontane (C34)	19.359	6318743	49.940 ug/ml
20) T n-Hexatriacontane (C36)	20.094	6190671	48.134 ug/mlm
21) T n-Octatriacontane (C38)	20.791	6075185	48.812 ug/ml
22) T n-Tetracontane (C40)	21.571	6395449	49.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

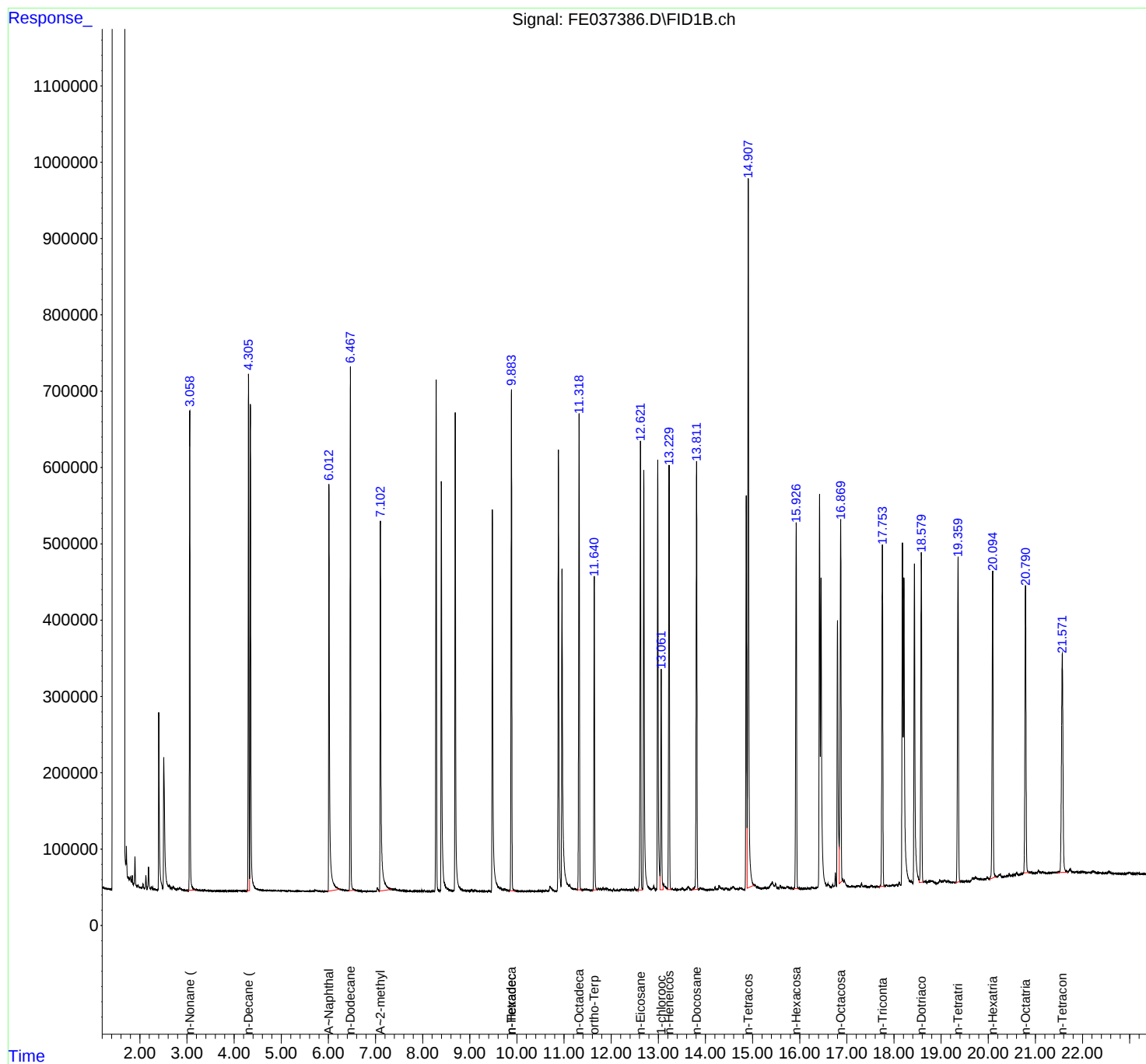
Instrument :
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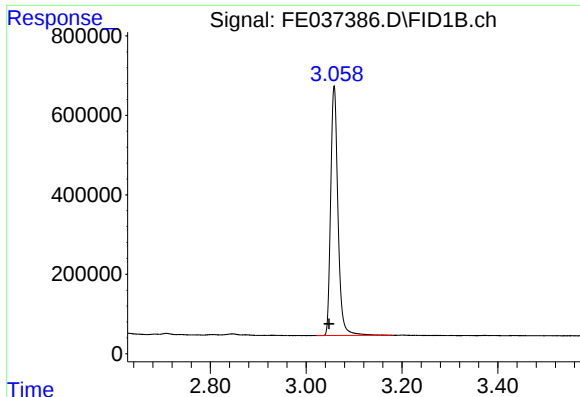
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.058 min
Delta R.T.: 0.010 min
Response: 6629420
Conc: 43.33 ug/ml

Instrument :

FID_E

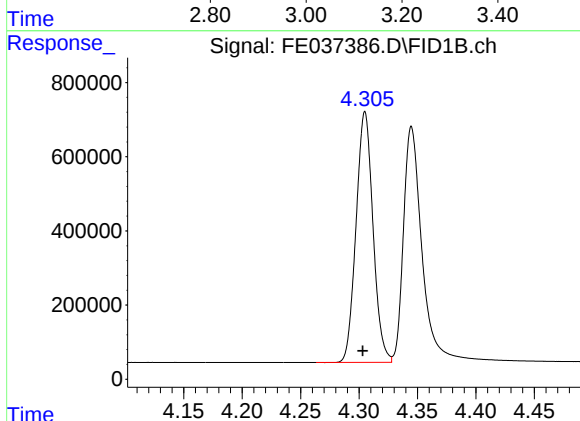
ClientSampleId :

T-1MSD

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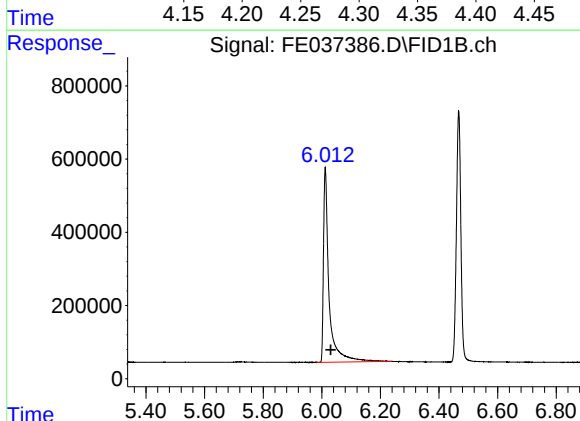
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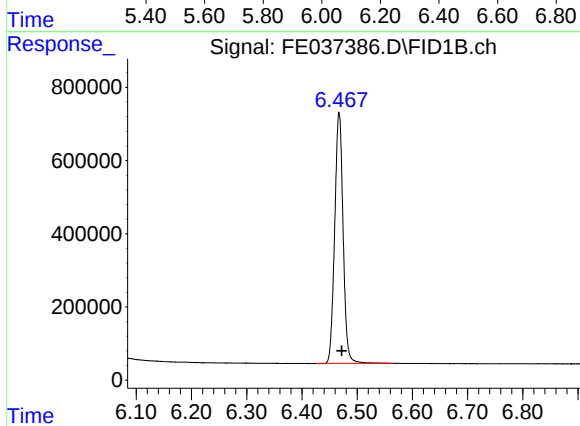
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 6822443
Conc: 44.25 ug/ml



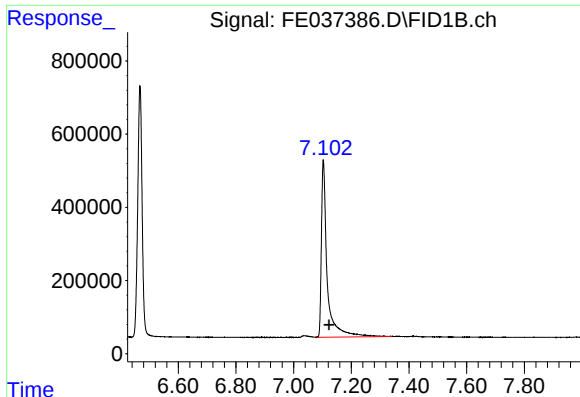
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.019 min
Response: 7063811
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 7256092
Conc: 45.89 ug/ml



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

R.T.: 7.103 min
Delta R.T.: -0.020 min
Response: 6797078
Conc: 48.68 ug/ml

Instrument :

FID_E

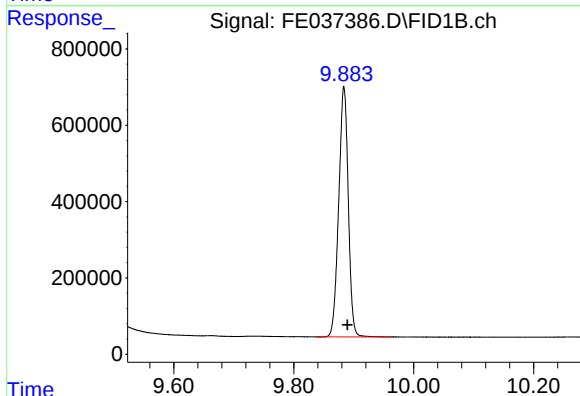
ClientSampleId :

T-1MSD

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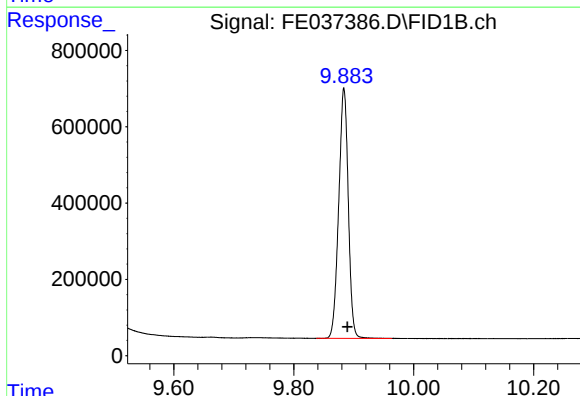
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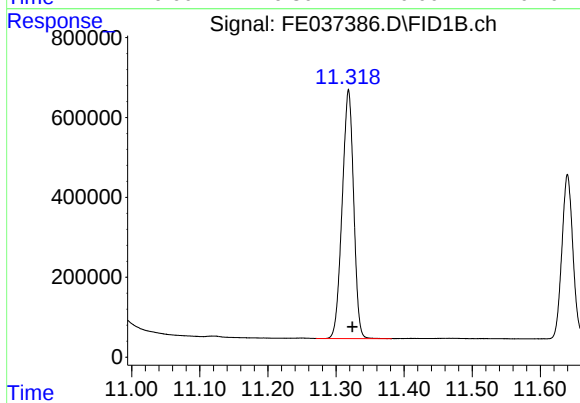
#6 n-Tetradecane (C14)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 7254167
Conc: 45.78 ug/ml



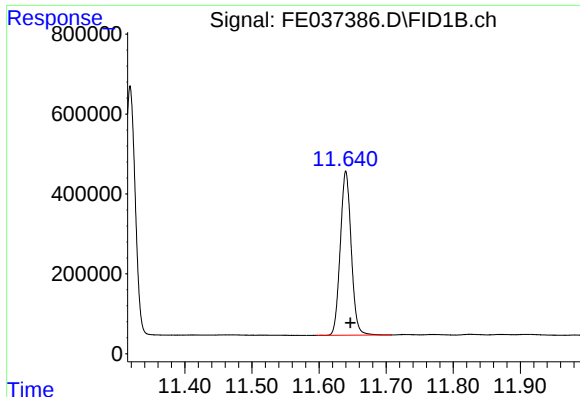
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 7254167
Conc: 45.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 7279305
Conc: 45.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.007 min
Response: 4643290
Conc: 27.48 ug/ml

Instrument :

FID_E

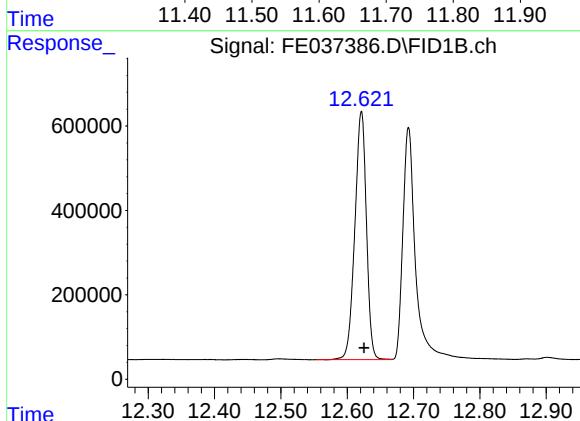
ClientSampleId :

T-1MSD

Manual Integrations

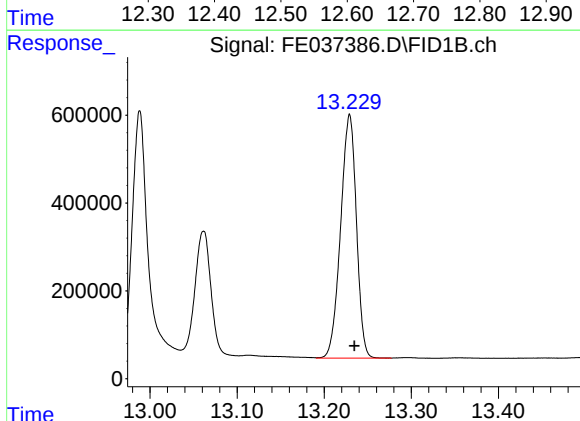
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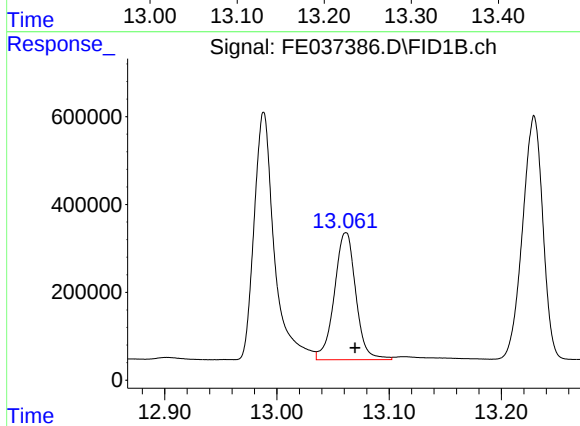
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.004 min
Response: 7137381
Conc: 45.11 ug/ml



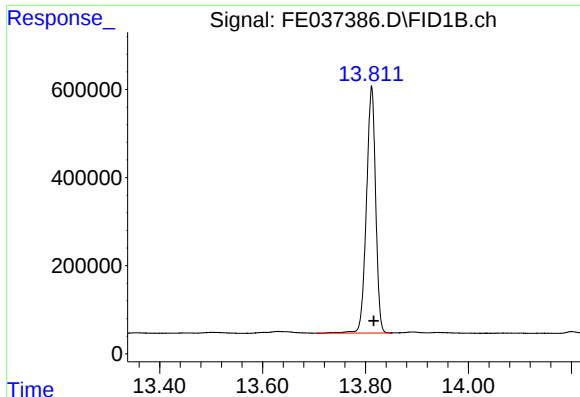
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.006 min
Response: 6984304
Conc: 44.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.008 min
Response: 3844959
Conc: 29.88 ug/ml



#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.004 min
Response: 6951405
Conc: 44.65 ug/ml

Instrument :

FID_E

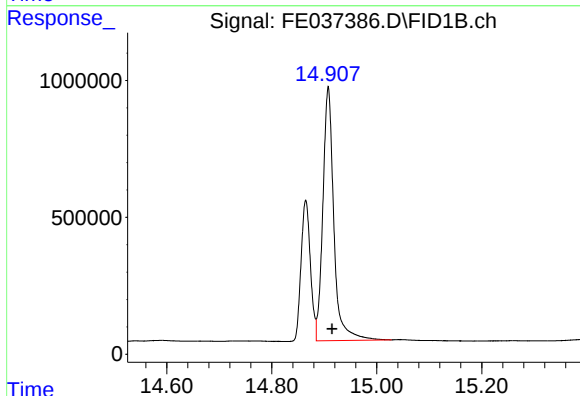
ClientSampleId :

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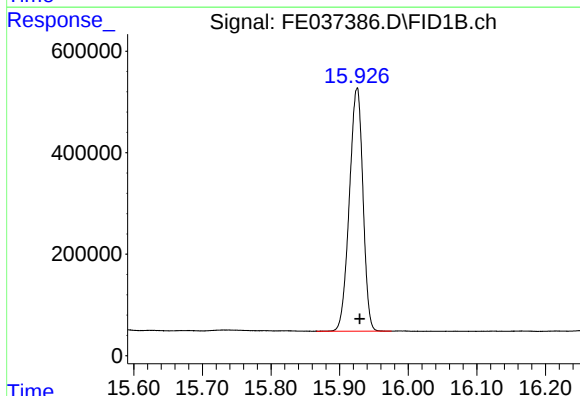
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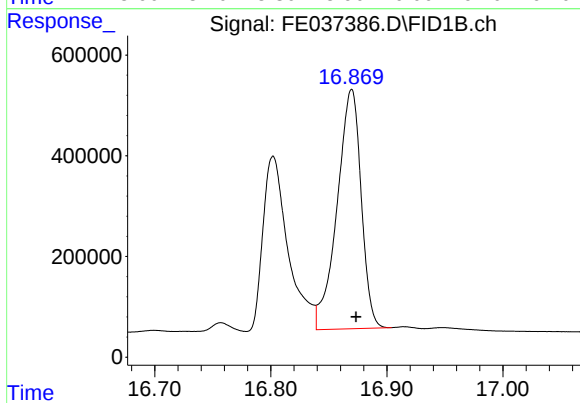
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 13488552
Conc: 89.68 ug/ml



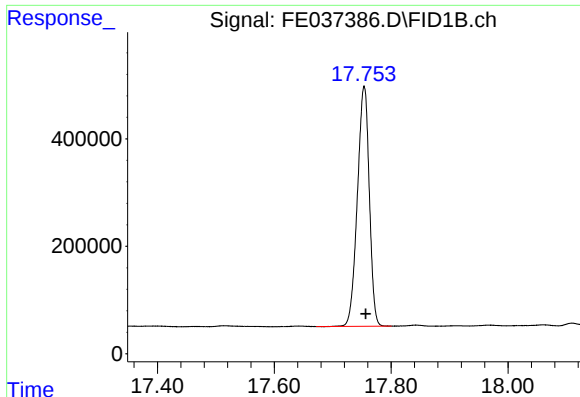
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.004 min
Response: 6596982
Conc: 45.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.870 min
Delta R.T.: -0.004 min
Response: 6849349
Conc: 49.44 ug/ml



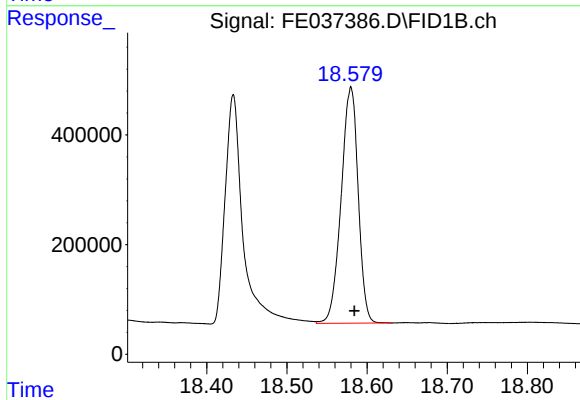
#17 n-Tricontane (C30)

R.T.: 17.754 min
Delta R.T.: -0.003 min
Response: 6319633
Conc: 46.46 ug/ml

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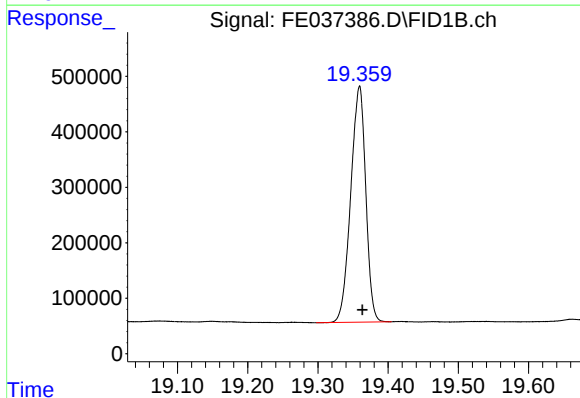
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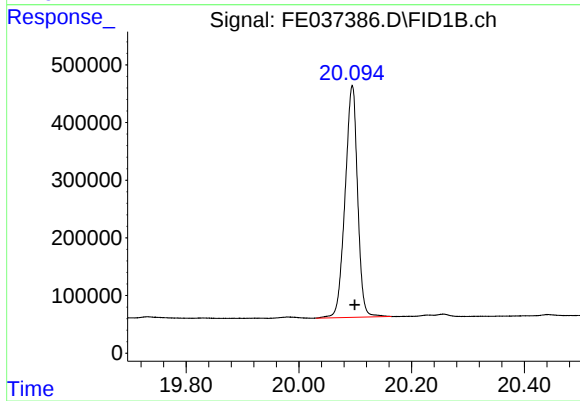
#18 n-Dotriacontane (C32)

R.T.: 18.580 min
Delta R.T.: -0.004 min
Response: 6366901
Conc: 47.68 ug/ml



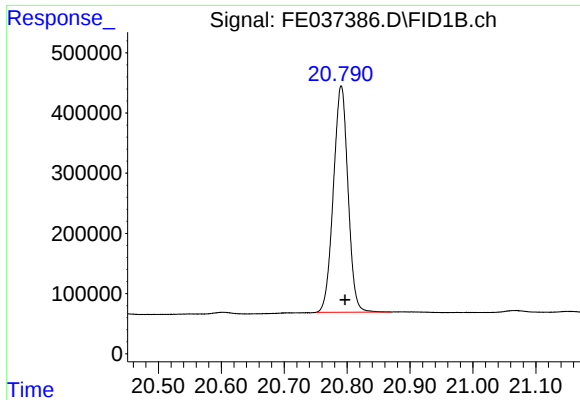
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.004 min
Response: 6318743
Conc: 49.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: -0.005 min
Response: 6190671
Conc: 48.13 ug/ml m



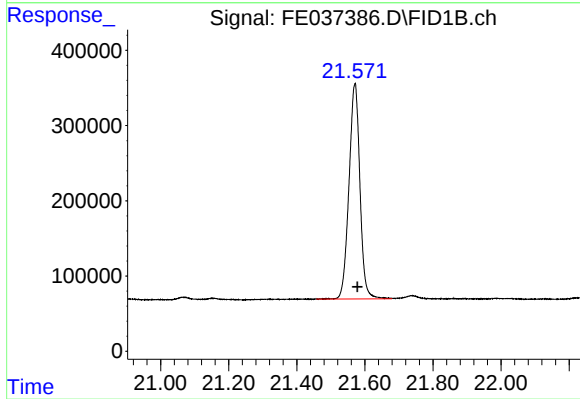
#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.006 min
Response: 6075185
Conc: 48.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: -0.007 min
Response: 6395449
Conc: 49.61 ug/ml