

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044786.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 18:12
 Operator : YP\AJ
 Sample : 04830-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-2327MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :Ankita Jodhani 10/12/2023

Integration File: sample.E
 Quant Time: Oct 12 00:39:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.919	7347185	39.135 ug/ml
Spiked Amount 50.000		Recovery =	78.27%
12) S 1-chlorooctadecane (S...	13.360	5871377	43.158 ug/ml
Spiked Amount 50.000		Recovery =	86.32%
Target Compounds			
1) T n-Nonane (C9)	3.301	4713192	29.031 ug/ml
2) T n-Decane (C10)	4.553	5366884	32.411 ug/ml
3) T A~Naphthalene (C11.7)	6.253	6118651	34.223 ug/ml
4) T n-Dodecane (C12)	6.717	5832090	35.063 ug/ml
5) T A~2-methylnaphthalene...	7.350	6176372	36.100 ug/ml
6) T n-Tetradecane (C14)	8.546	6168175	37.572 ug/ml
7) T n-Hexadecane (C16)	10.156	6768723	39.955 ug/ml
8) T n-Octadecane (C18)	11.603	7145517	42.085 ug/ml
10) T n-Eicosane (C20)	12.916	7230683	44.942 ug/ml
11) T n-Heneicosane (C21)	13.528	6940815	44.326 ug/ml
13) T n-Docosane (C22)	14.116	6965062	45.160 ug/ml
14) T n-Tetracosane (C24)	15.205	13508334	89.361 ug/mlm
15) T n-Hexacosane (C26)	16.246	6456491	43.893 ug/ml
16) T n-Octacosane (C28)	17.196	6531970	45.544 ug/ml
17) T n-Tricontane (C30)	18.087	6501862	43.862 ug/ml
18) T n-Dotriacontane (C32)	18.920	6296987	42.537 ug/ml
19) T n-Tetratriacontane (C34)	19.705	6715115	45.949 ug/ml
20) T n-Hexatriacontane (C36)	20.447	6344431	43.739 ug/ml
21) T n-Octatriacontane (C38)	21.191	6793832	45.356 ug/mlm
22) T n-Tetracontane (C40)	22.113	8760185	55.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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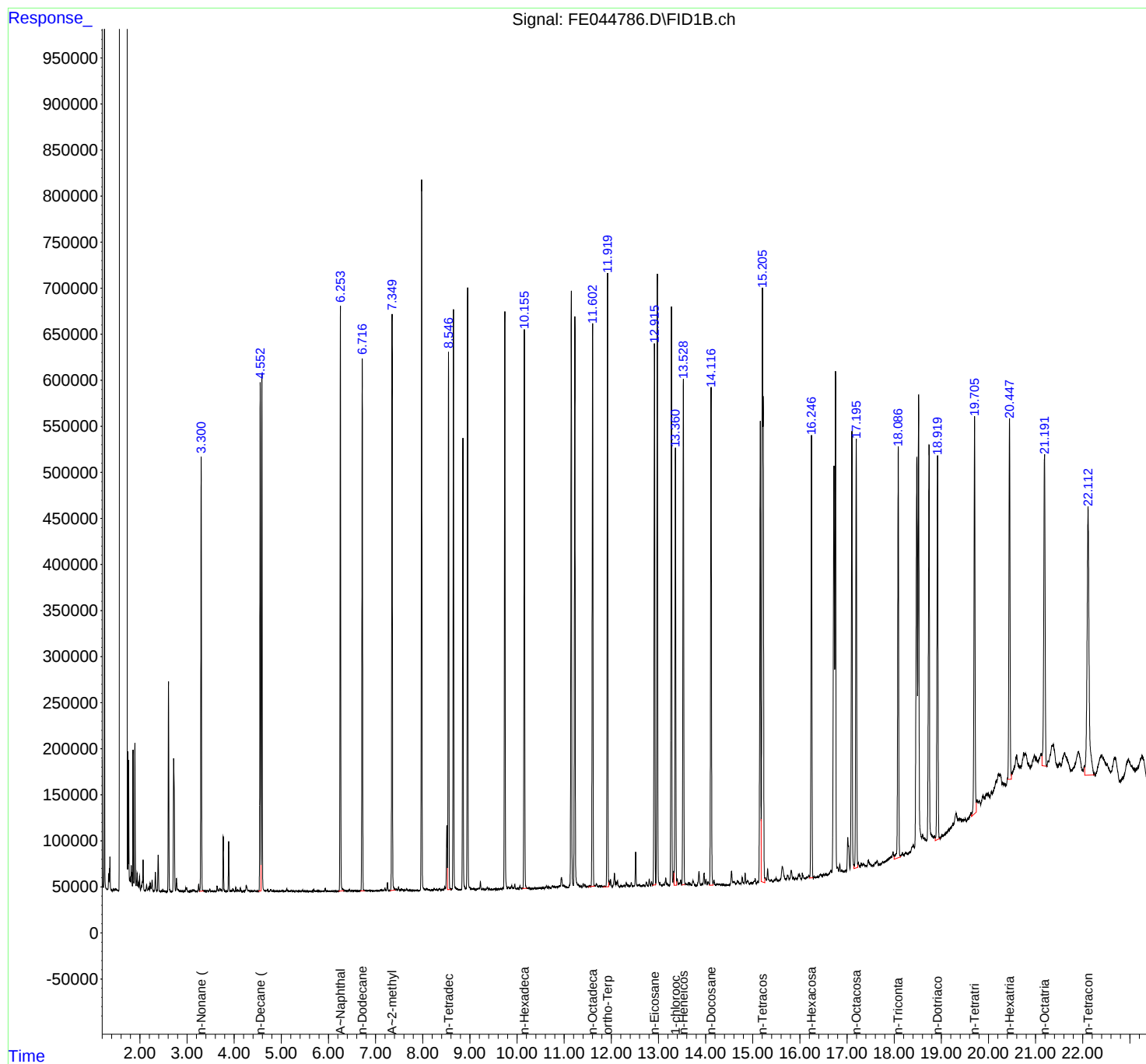
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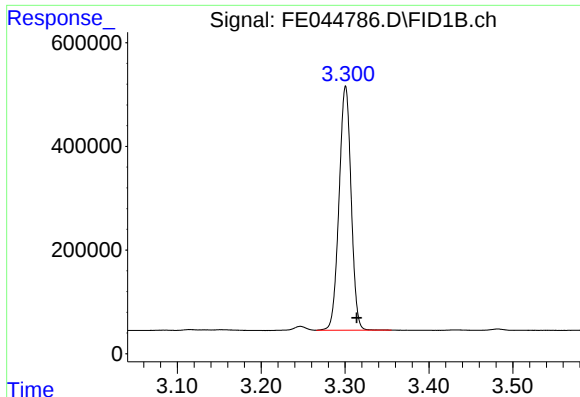
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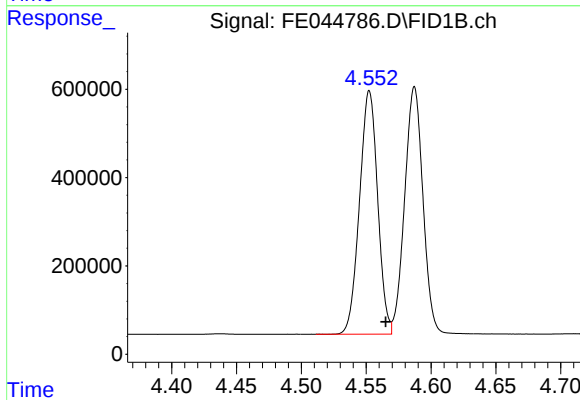
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.013 min
Response: 4713192
Conc: 29.03 ug/ml

Instrument :
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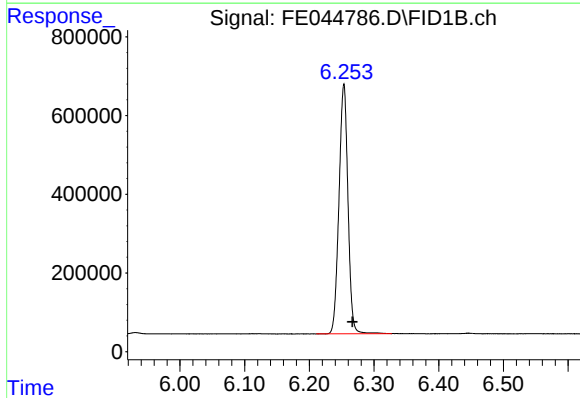
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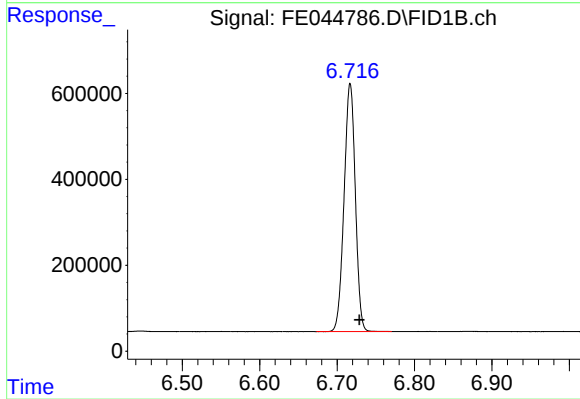
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.013 min
Response: 5366884
Conc: 32.41 ug/ml



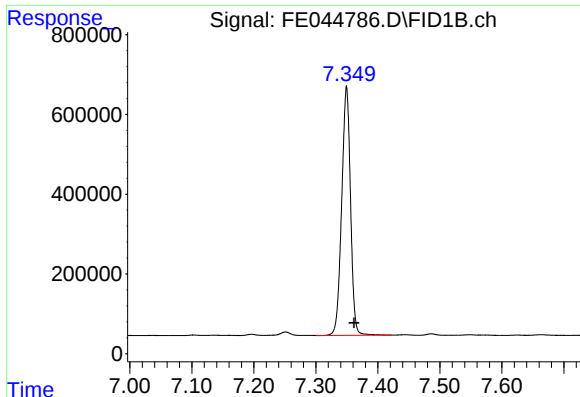
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.013 min
Response: 6118651
Conc: 34.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 5832090
Conc: 35.06 ug/ml



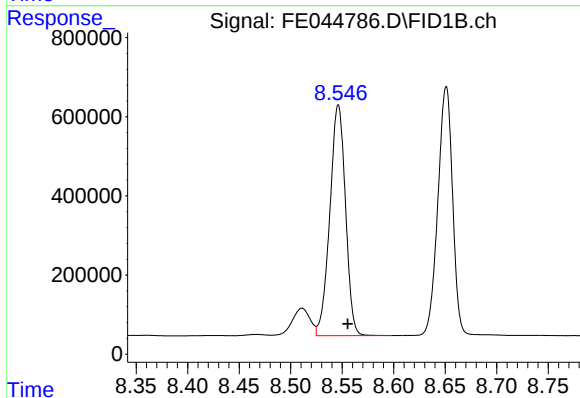
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.350 min
Delta R.T.: -0.012 min
Response: 6176372
Conc: 36.10 ug/ml

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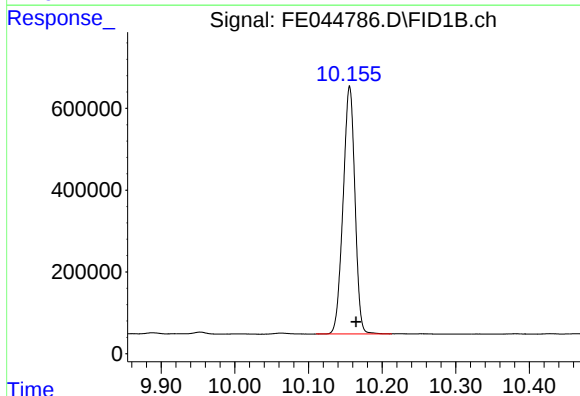
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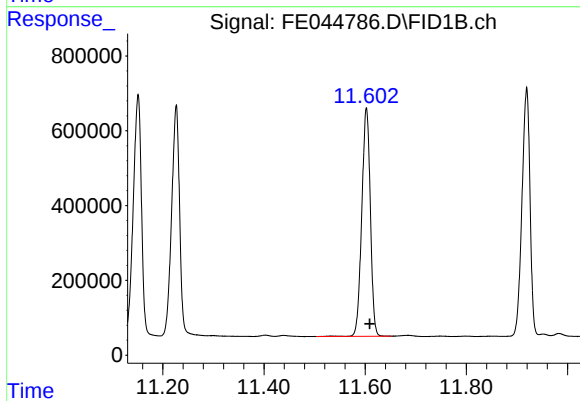
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: -0.009 min
Response: 6168175
Conc: 37.57 ug/ml



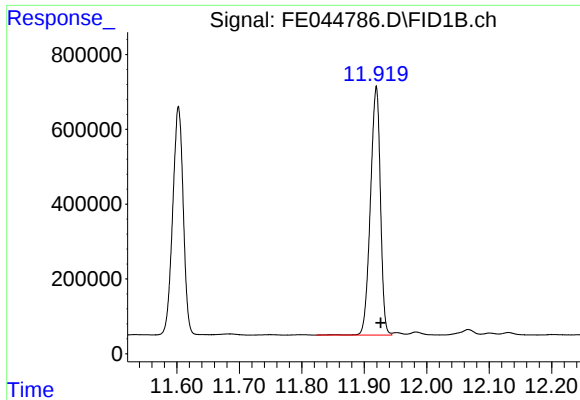
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.009 min
Response: 6768723
Conc: 39.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.007 min
Response: 7145517
Conc: 42.08 ug/ml



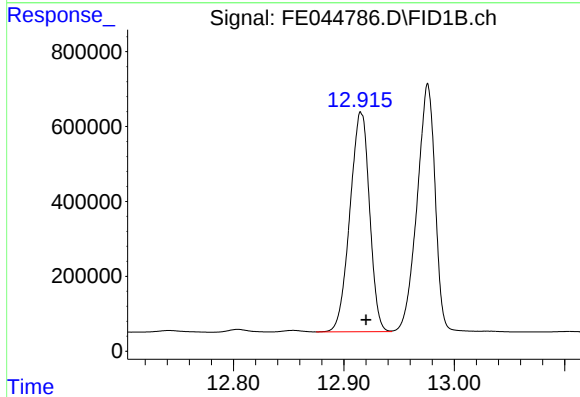
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 7347185
Conc: 39.14 ug/ml

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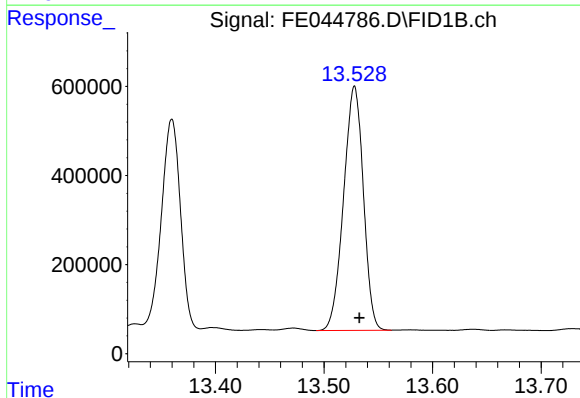
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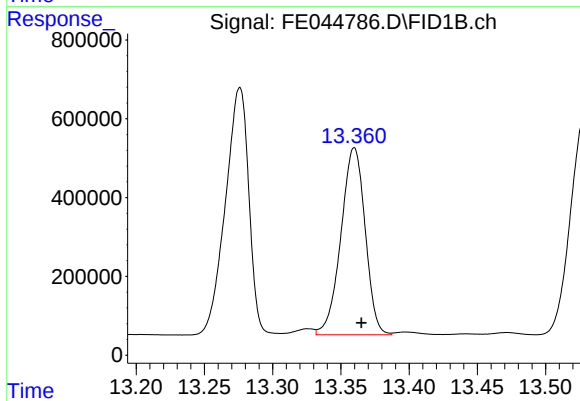
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.005 min
Response: 7230683
Conc: 44.94 ug/ml



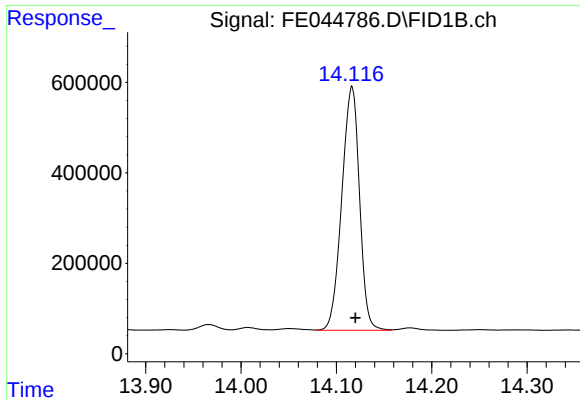
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.004 min
Response: 6940815
Conc: 44.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.005 min
Response: 5871377
Conc: 43.16 ug/ml



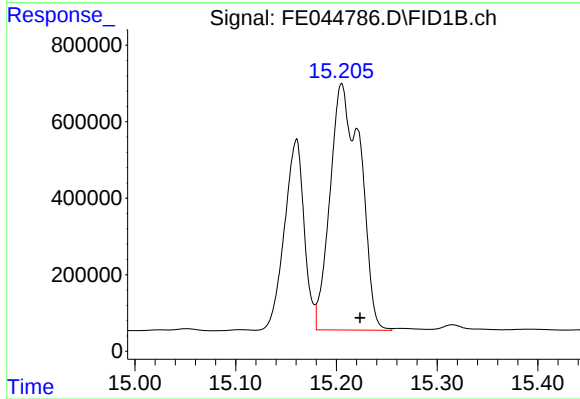
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.003 min
Response: 6965062
Conc: 45.16 ug/ml

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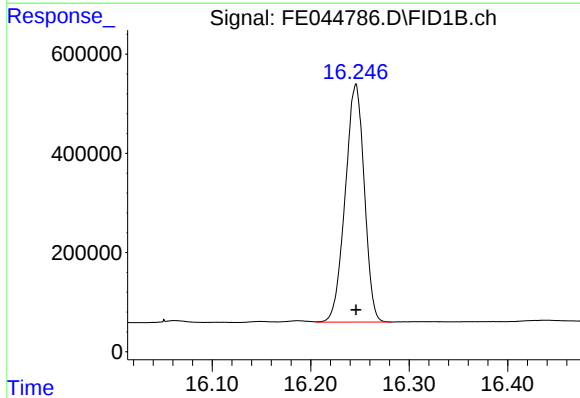
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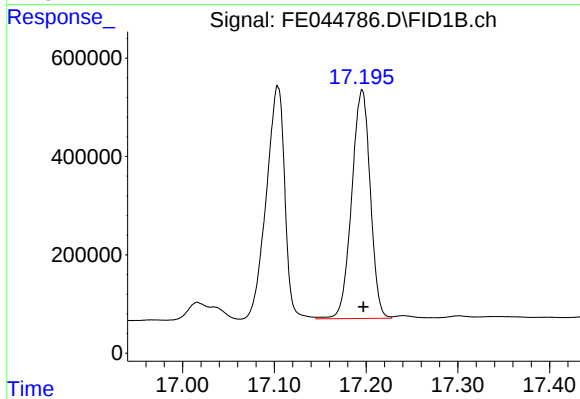
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.018 min
Response: 13508334
Conc: 89.36 ug/ml m



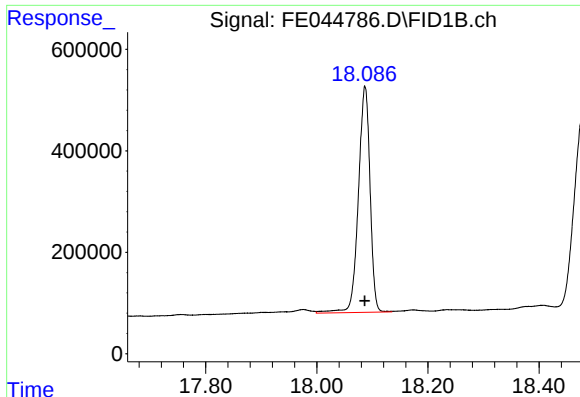
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.000 min
Response: 6456491
Conc: 43.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.001 min
Response: 6531970
Conc: 45.54 ug/ml



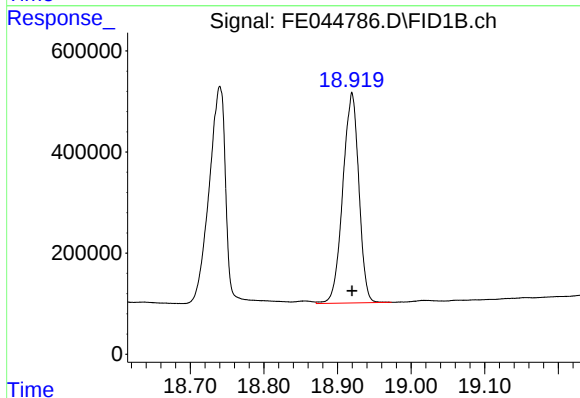
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 6501862
Conc: 43.86 ug/ml

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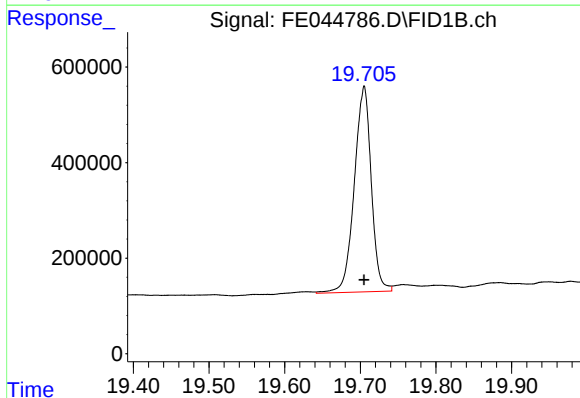
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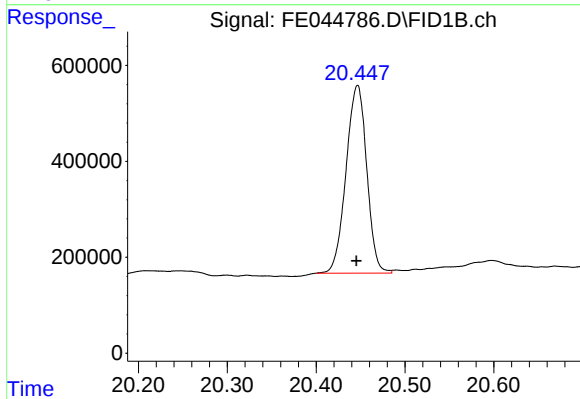
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 6296987
Conc: 42.54 ug/ml



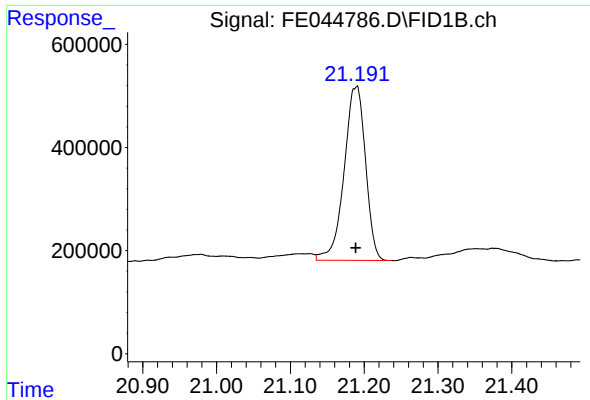
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.000 min
Response: 6715115
Conc: 45.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: 0.001 min
Response: 6344431
Conc: 43.74 ug/ml



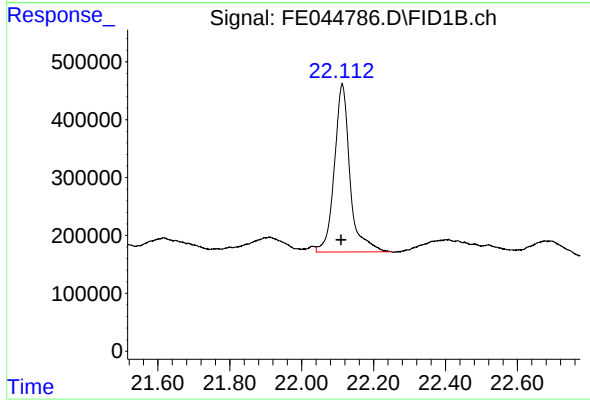
#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: 0.003 min
Response: 6793832
Conc: 45.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.004 min
Response: 8760185
Conc: 55.51 ug/ml