

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036603.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 17:27
 Operator : YP\AJ
 Sample : N3756-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 21 01:14:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.855	6692250	35.932 ug/ml
Spiked Amount 50.000		Recovery =	71.86%
12) S 1-chlorooctadecane (S...	13.294	5532530	36.364 ug/ml
Spiked Amount 50.000		Recovery =	72.73%
Target Compounds			
1) T n-Nonane (C9)	3.239	4126732	26.770 ug/ml
2) T n-Decane (C10)	4.496	4619983	29.971 ug/ml
3) T A~Naphthalene (C11.7)	6.197	5999275	35.107 ug/ml
4) T n-Dodecane (C12)	6.664	5325283	33.907 ug/ml
5) T A~2-methylnaphthalene...	7.294	6021967	35.038 ug/ml
6) T n-Tetradecane (C14)	8.493	5708418	34.966 ug/ml
7) T n-Hexadecane (C16)	10.099	5905177	35.827 ug/ml
8) T n-Octadecane (C18)	11.542	6014267	35.388 ug/ml
10) T n-Eicosane (C20)	12.852	5908647	34.736 ug/ml
11) T n-Heneicosane (C21)	13.464	5889015	34.408 ug/ml
13) T n-Docosane (C22)	14.050	6100793	35.733 ug/ml
14) T n-Tetracosane (C24)	15.152	4626875	27.143 ug/mlm
15) T n-Hexacosane (C26)	16.176	5423324	32.438 ug/ml
16) T n-Octacosane (C28)	17.127	6164444	37.743 ug/ml
17) T n-Tricontane (C30)	18.015	5242618	34.500 ug/mlm
18) T n-Dotriacontane (C32)	18.846	4763580	39.608 ug/mlm
19) T n-Tetratriacontane (C34)	19.631	4999922	60.040 ug/mlm
20) T n-Hexatriacontane (C36)	20.368	4657474	79.321 ug/mlm
21) T n-Octatriacontane (C38)	21.095	4361013	86.981 ug/mlm
22) T n-Tetracontane (C40)	21.986	4984568	96.522 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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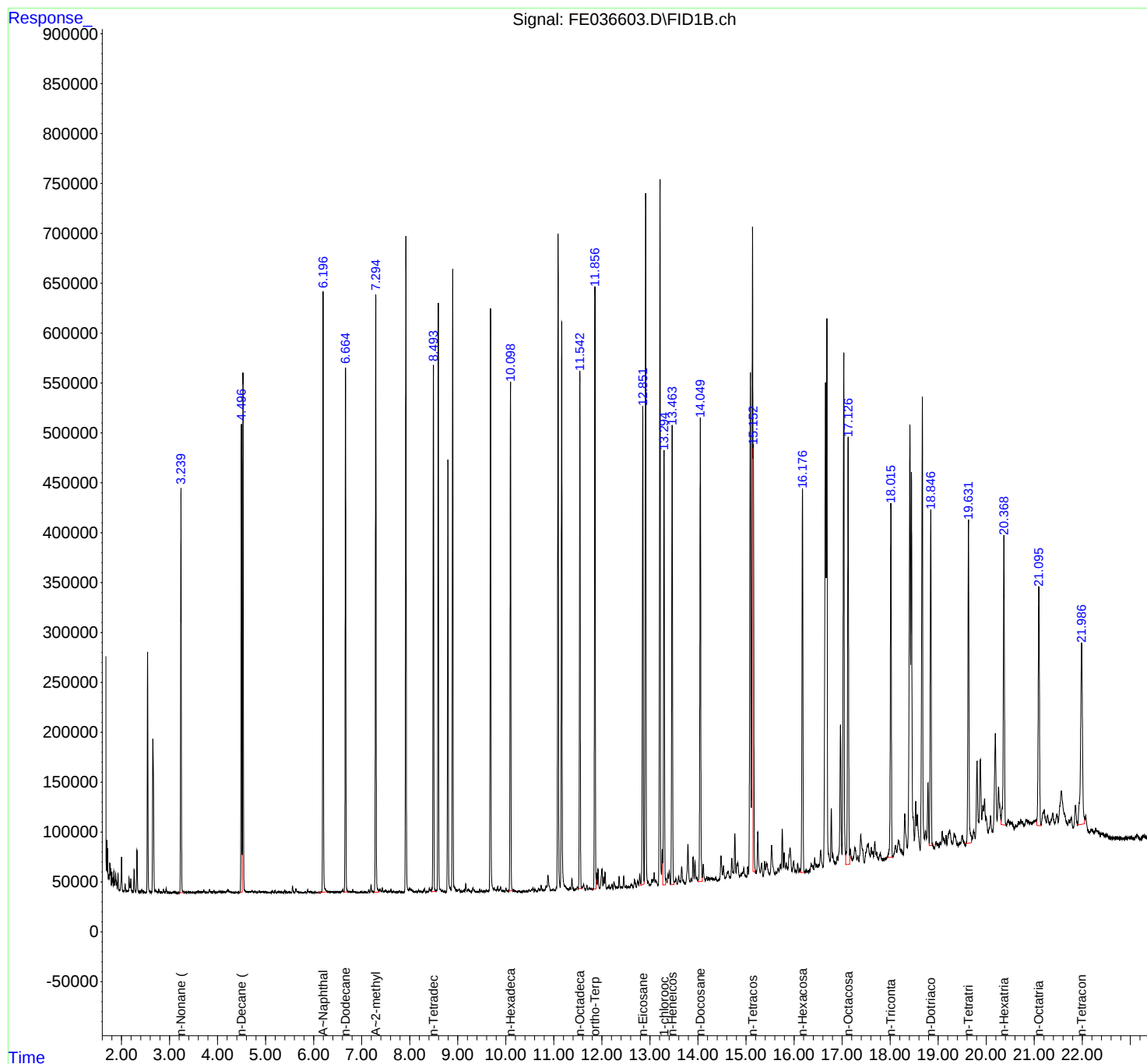
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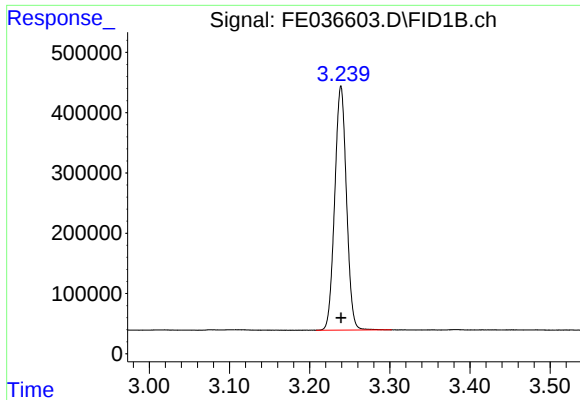
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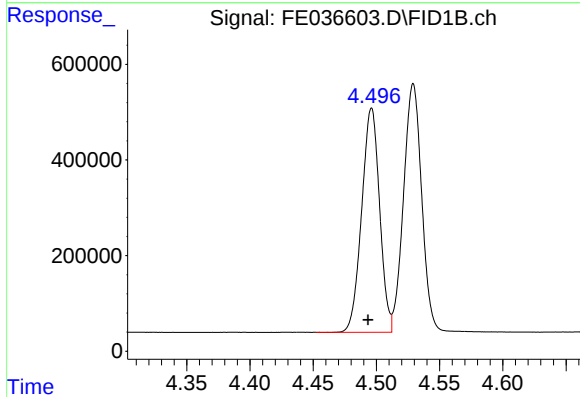
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 4126732
Conc: 26.77 ug/ml

Instrument :
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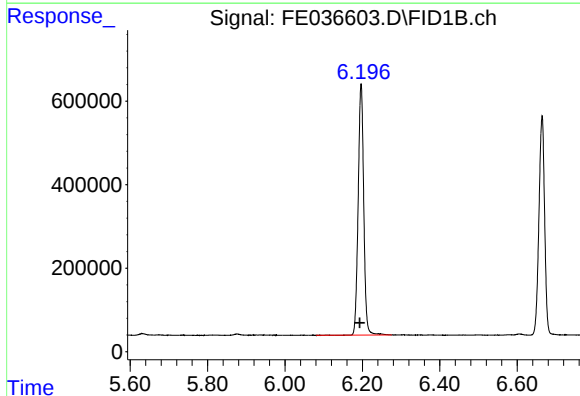
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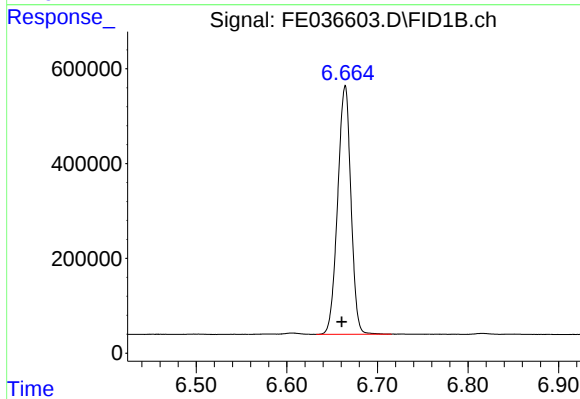
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.003 min
Response: 4619983
Conc: 29.97 ug/ml



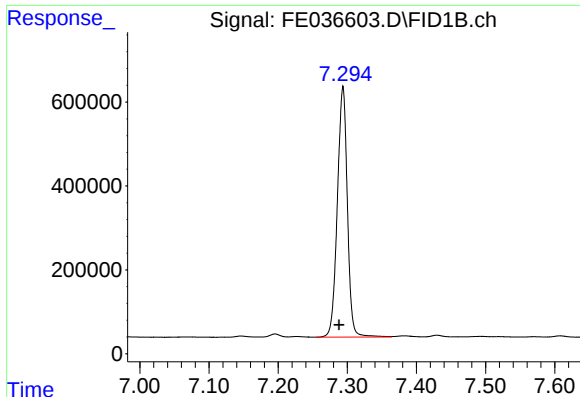
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 5999275
Conc: 35.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: 0.004 min
Response: 5325283
Conc: 33.91 ug/ml



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

R.T.: 7.294 min
Delta R.T.: 0.005 min
Response: 6021967
Conc: 35.04 ug/ml

Instrument :

FID_E

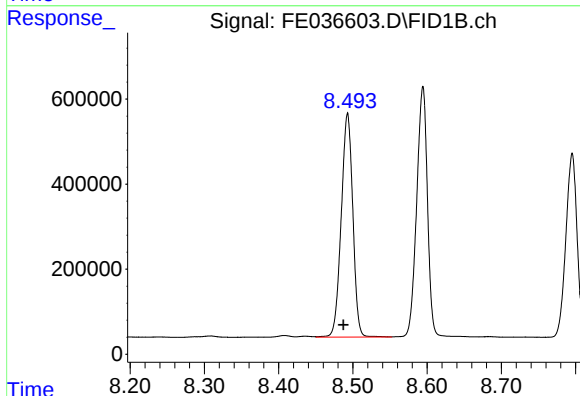
ClientSampleId :

TP-1MS

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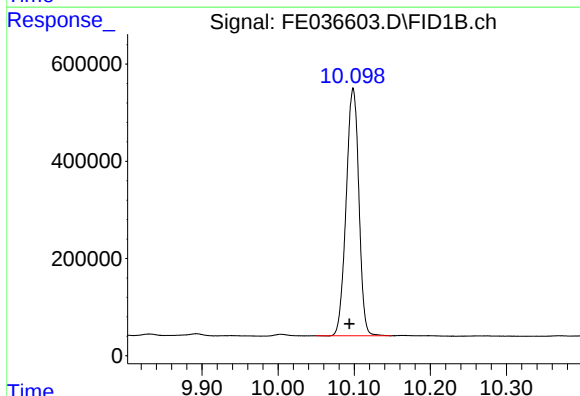
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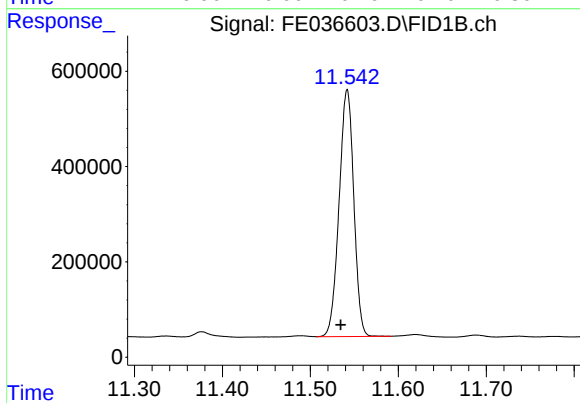
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: 0.006 min
Response: 5708418
Conc: 34.97 ug/ml



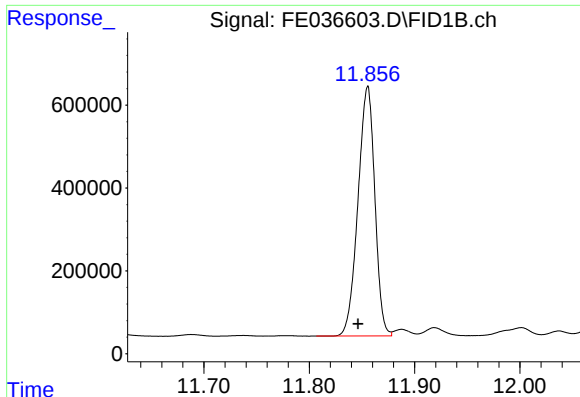
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 5905177
Conc: 35.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: 0.007 min
Response: 6014267
Conc: 35.39 ug/ml



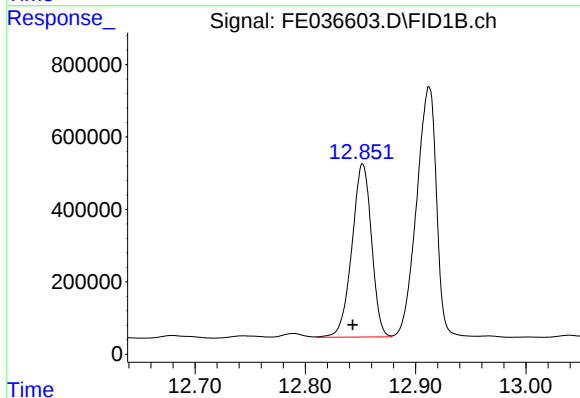
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: 0.009 min
Response: 6692250
Conc: 35.93 ug/ml

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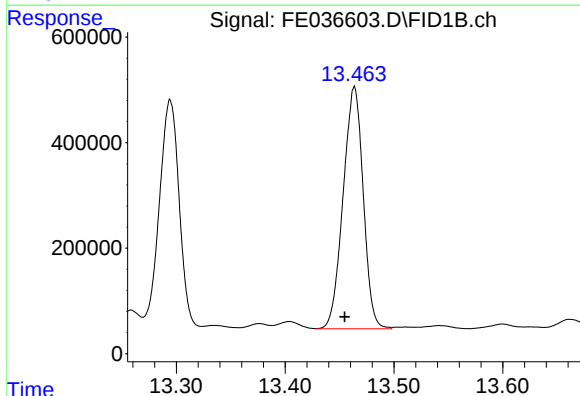
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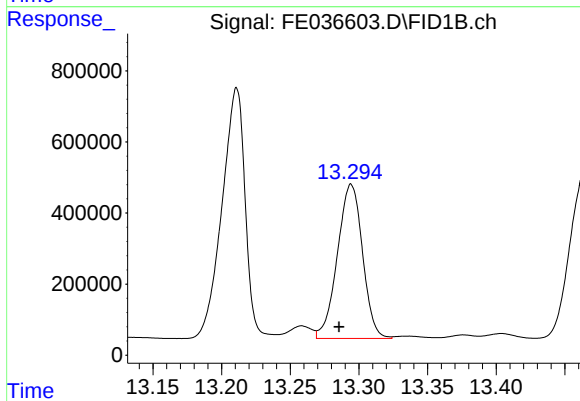
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 5908647
Conc: 34.74 ug/ml



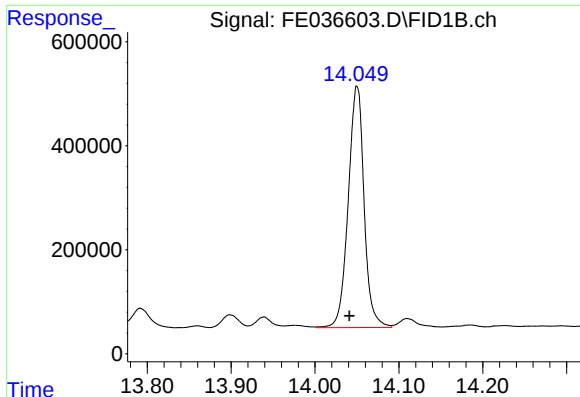
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.009 min
Response: 5889015
Conc: 34.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: 0.009 min
Response: 5532530
Conc: 36.36 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.009 min
Response: 6100793
Conc: 35.73 ug/ml

Instrument :

FID_E

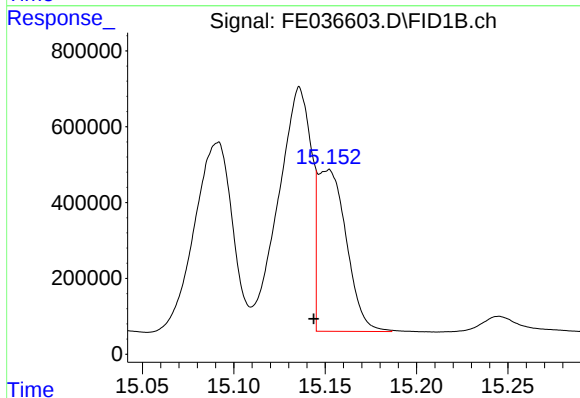
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TP-1MS

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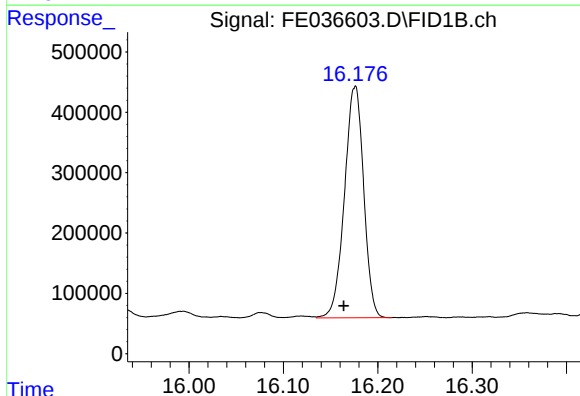
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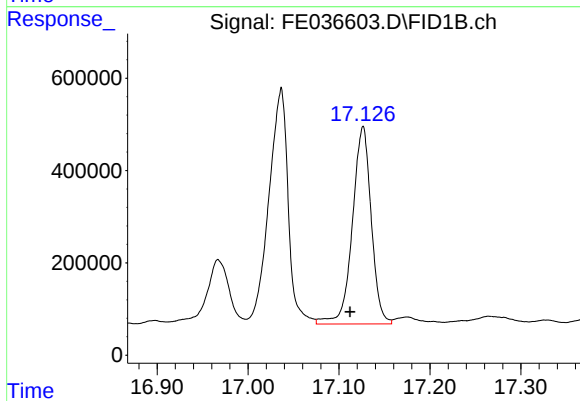
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: 0.008 min
Response: 4626875
Conc: 27.14 ug/ml m



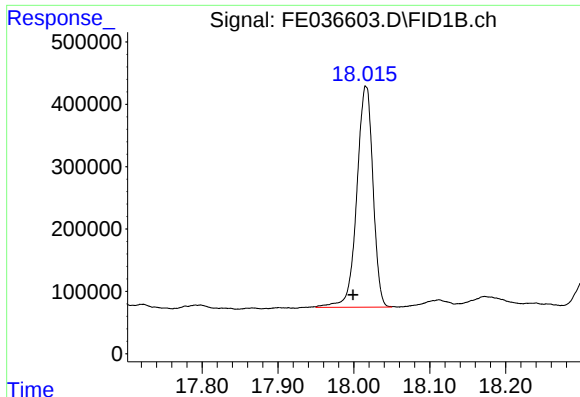
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 5423324
Conc: 32.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: 0.014 min
Response: 6164444
Conc: 37.74 ug/ml



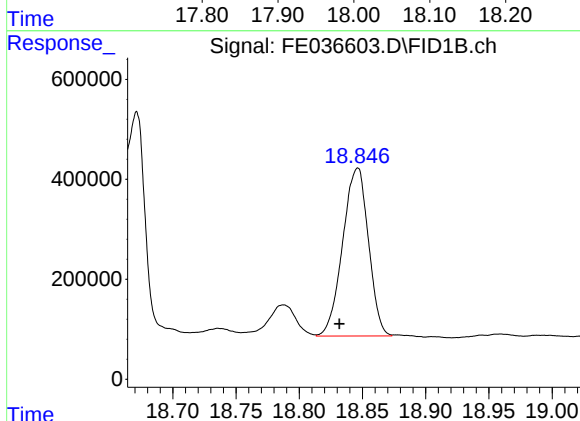
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: 0.016 min
Response: 5242618
Conc: 34.50 ug/ml

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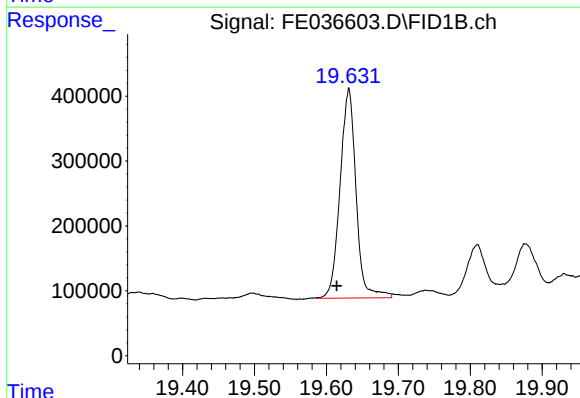
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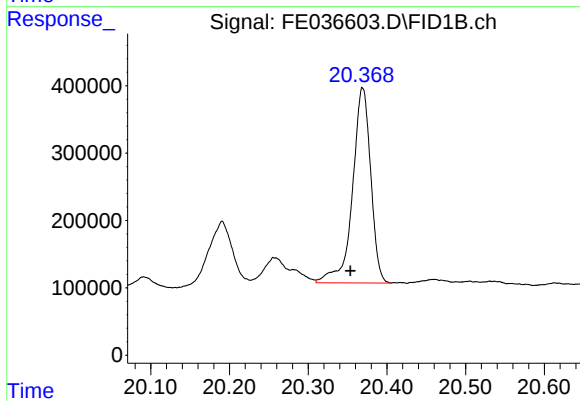
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: 0.014 min
Response: 4763580
Conc: 39.61 ug/ml m



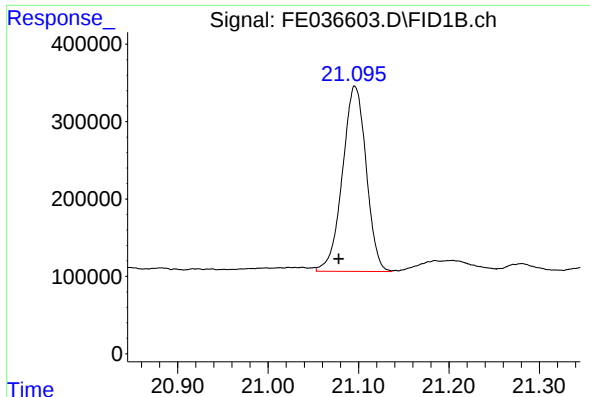
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: 0.016 min
Response: 4999922
Conc: 60.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: 0.014 min
Response: 4657474
Conc: 79.32 ug/ml m



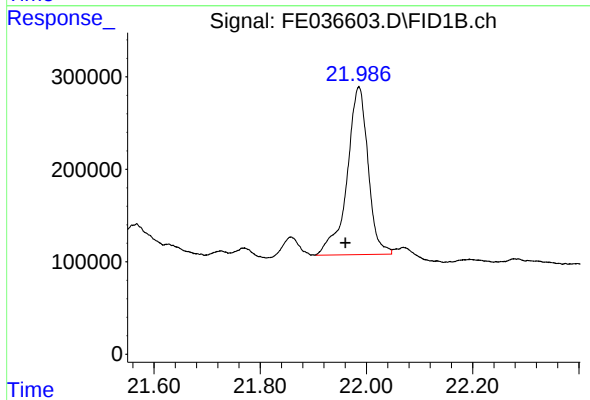
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: 0.017 min
Response: 4361013
Conc: 86.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.025 min
Response: 4984568
Conc: 96.52 ug/ml m