

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
 Data File : FE037937.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 18:37
 Operator : YP\AJ
 Sample : N4960-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAT-02-100322-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2022
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
 Quant Time: Oct 05 11:55:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.612	4814338	27.834 ug/ml
Spiked Amount 50.000		Recovery =	55.67%
12) S 1-chlorooctadecane (S...	13.034	4172229	30.868 ug/ml
Spiked Amount 50.000		Recovery =	61.74%
Target Compounds			
1) T n-Nonane (C9)	3.005	4074858	27.667 ug/ml
2) T n-Decane (C10)	4.263	4471241	30.242 ug/ml
3) T A~Naphthalene (C11.7)	5.979	4777649	34.888 ug/ml
4) T n-Dodecane (C12)	6.435	5222159	34.270 ug/ml
5) T A~2-methylnaphthalene...	7.072	5131631	38.611 ug/ml
6) T n-Tetradecane (C14)	8.257	6001272	39.211 ug/ml
7) T n-Hexadecane (C16)	9.854	6353659	40.677 ug/ml
8) T n-Octadecane (C18)	11.290	6622701	41.289 ug/ml
10) T n-Eicosane (C20)	12.593	6697073	41.068 ug/ml
11) T n-Heneicosane (C21)	13.201	6247584	37.918 ug/ml
13) T n-Docosane (C22)	13.785	6267366	38.073 ug/ml
14) T n-Tetracosane (C24)	14.885	11062261	67.450 ug/ml
15) T n-Hexacosane (C26)	15.900	5871385	36.007 ug/ml
16) T n-Octacosane (C28)	16.844	6489532	40.509 ug/ml
17) T n-Tricontane (C30)	17.729	5783568	36.141 ug/ml
18) T n-Dotriacontane (C32)	18.558	5793155	36.789 ug/ml
19) T n-Tetratriacontane (C34)	19.339	5675365	38.306 ug/ml
20) T n-Hexatriacontane (C36)	20.075	5558443	38.556 ug/ml
21) T n-Octatriacontane (C38)	20.773	6194972	45.652 ug/mlm
22) T n-Tetracontane (C40)	21.551	4688229	36.830 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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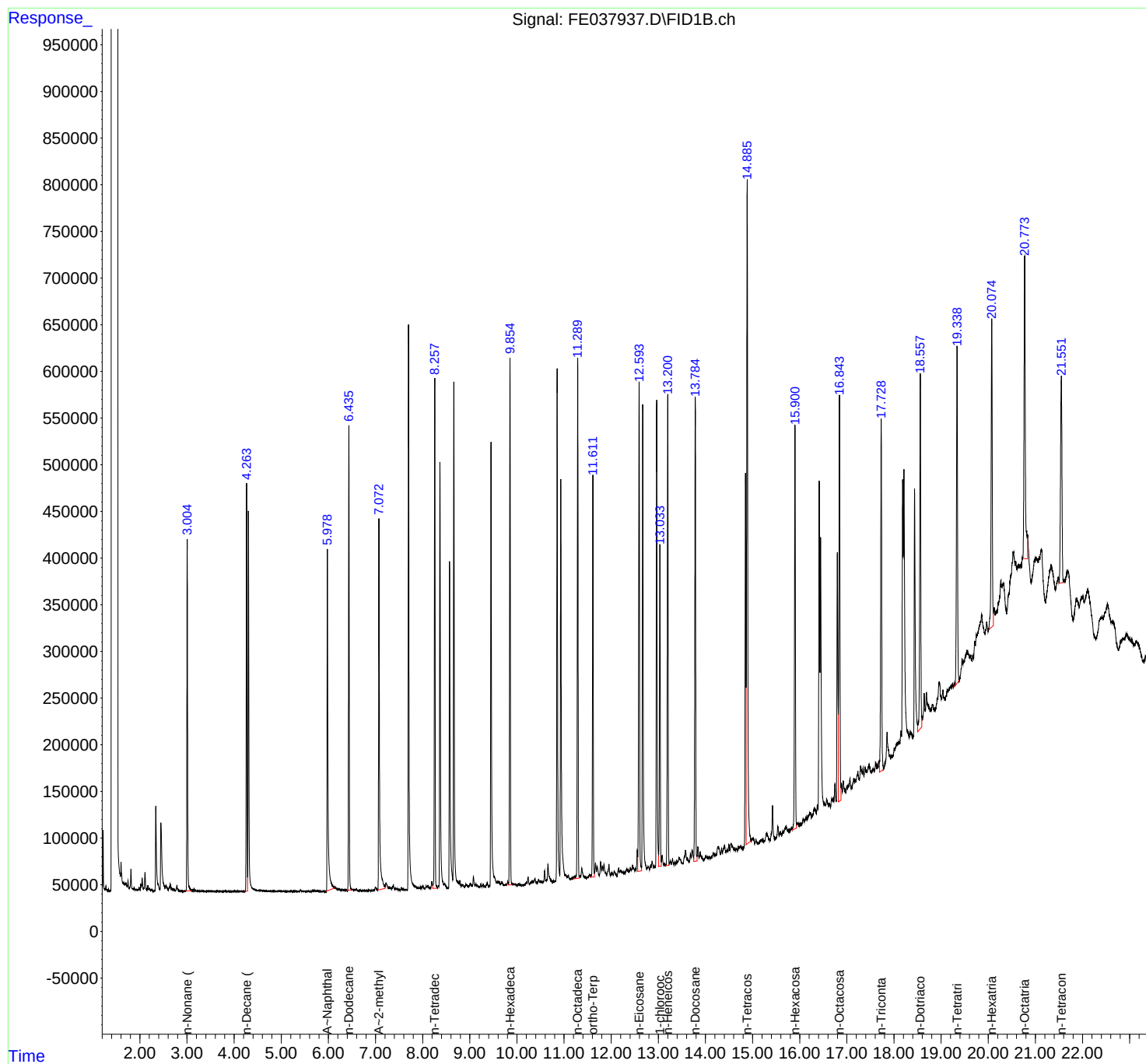
Instrument :
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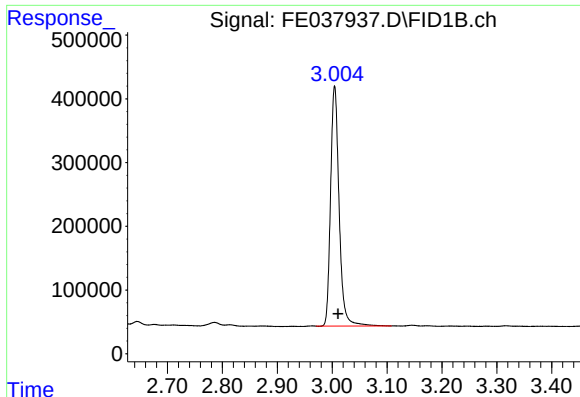
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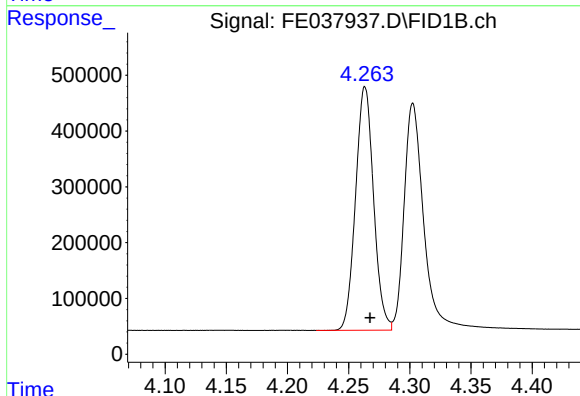
#1 n-Nonane (C9)

R.T.: 3.005 min
Delta R.T.: -0.006 min
Response: 4074858
Conc: 27.67 ug/ml

Instrument :
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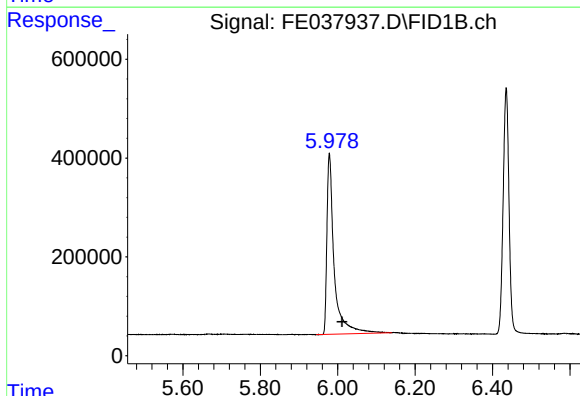
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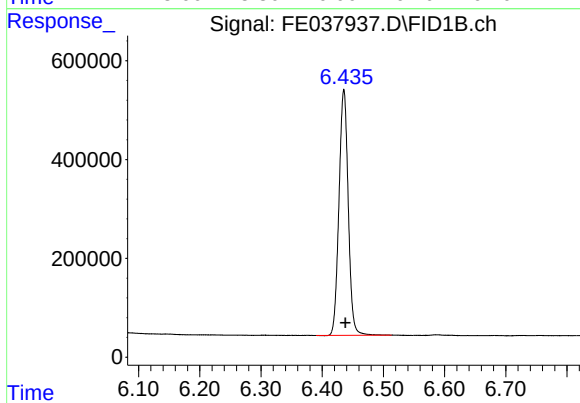
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.004 min
Response: 4471241
Conc: 30.24 ug/ml



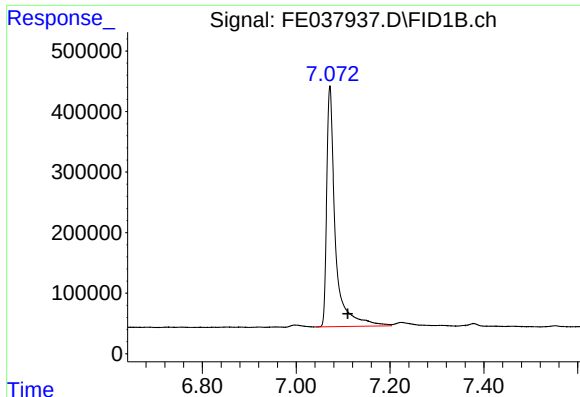
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.032 min
Response: 4777649
Conc: 34.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.003 min
Response: 5222159
Conc: 34.27 ug/ml



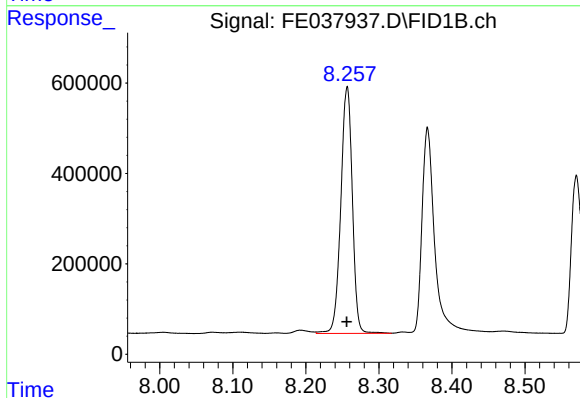
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.038 min
Response: 5131631
Conc: 38.61 ug/ml

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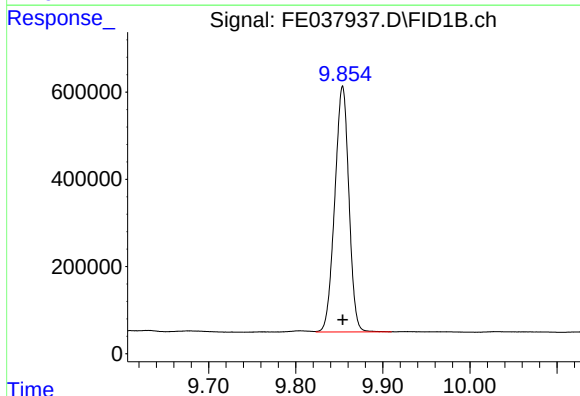
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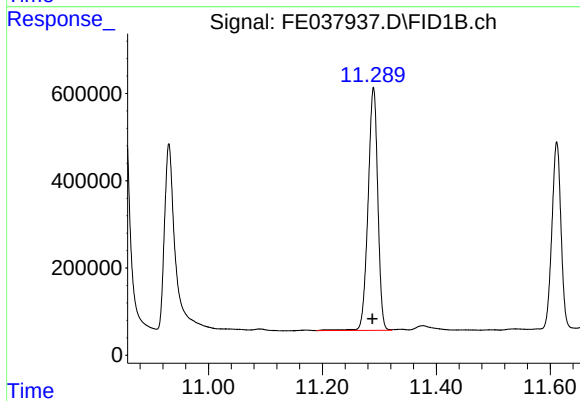
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 6001272
Conc: 39.21 ug/ml



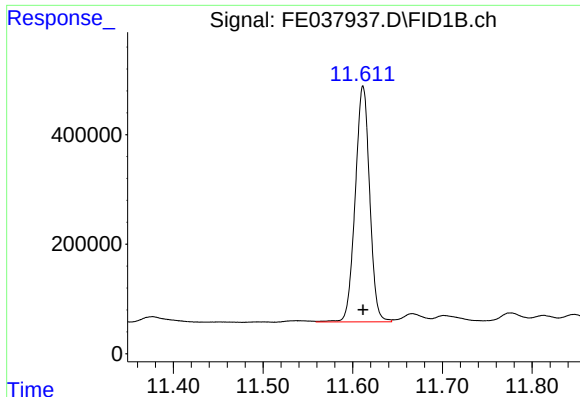
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 6353659
Conc: 40.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: 0.002 min
Response: 6622701
Conc: 41.29 ug/ml



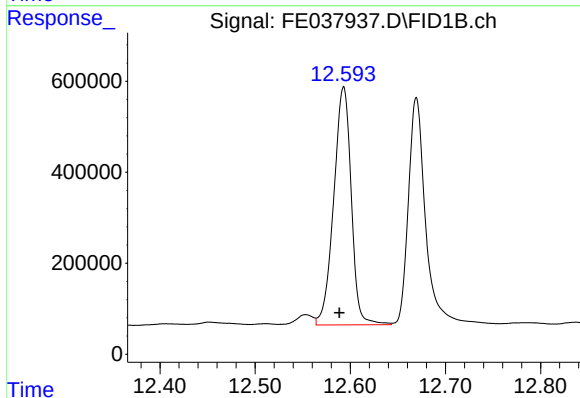
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 4814338
Conc: 27.83 ug/ml

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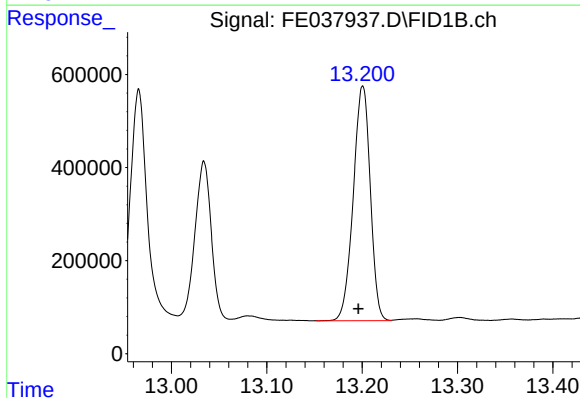
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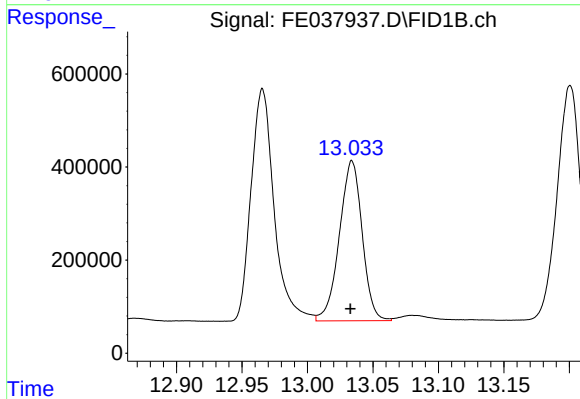
#10 n-Eicosane (C20)

R.T.: 12.593 min
Delta R.T.: 0.004 min
Response: 6697073
Conc: 41.07 ug/ml



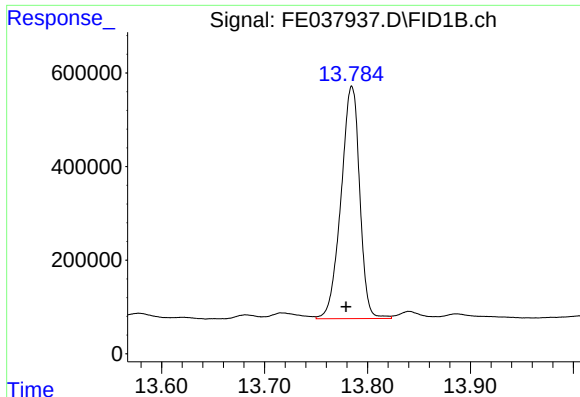
#11 n-Heneicosane (C21)

R.T.: 13.201 min
Delta R.T.: 0.005 min
Response: 6247584
Conc: 37.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: 0.001 min
Response: 4172229
Conc: 30.87 ug/ml



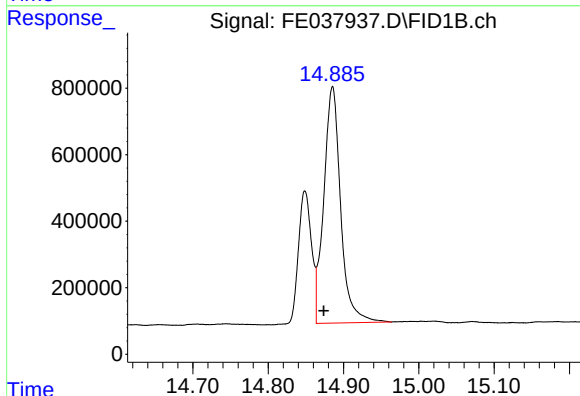
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: 0.006 min
Response: 6267366
Conc: 38.07 ug/ml

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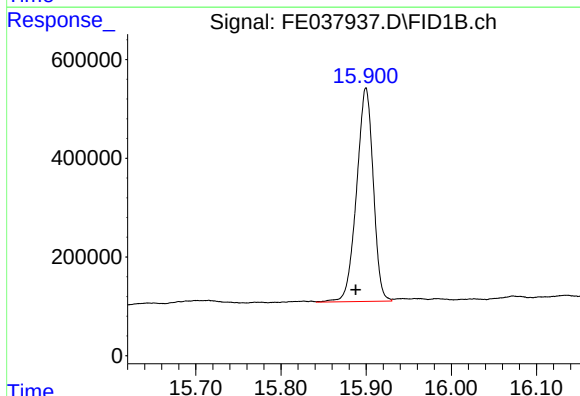
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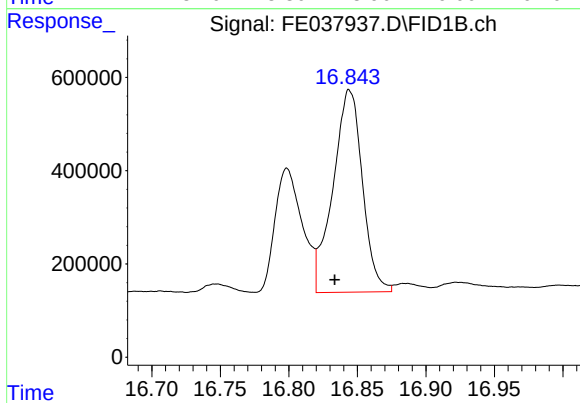
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.012 min
Response: 11062261
Conc: 67.45 ug/ml



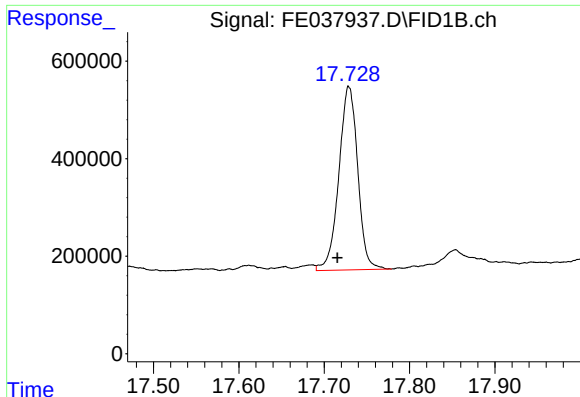
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: 0.012 min
Response: 5871385
Conc: 36.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.011 min
Response: 6489532
Conc: 40.51 ug/ml



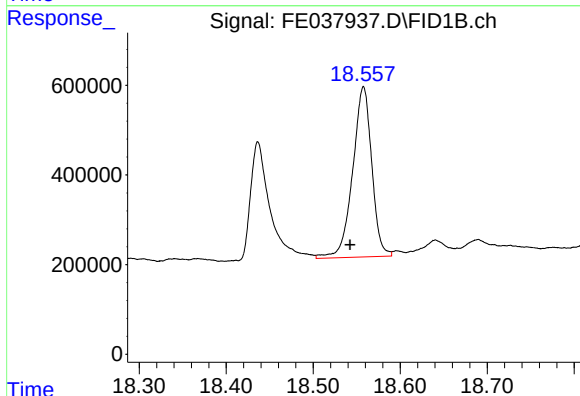
#17 n-Tricontane (C30)

R.T.: 17.729 min
Delta R.T.: 0.014 min
Response: 5783568
Conc: 36.14 ug/ml

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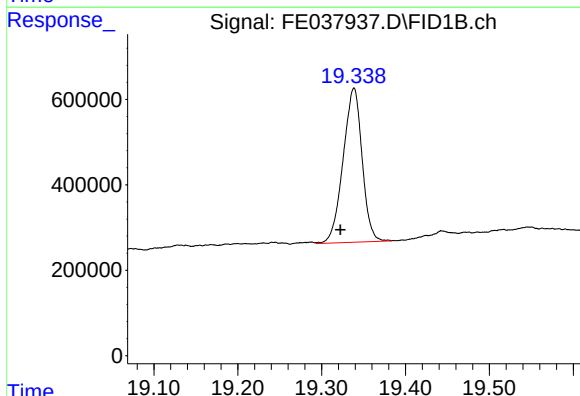
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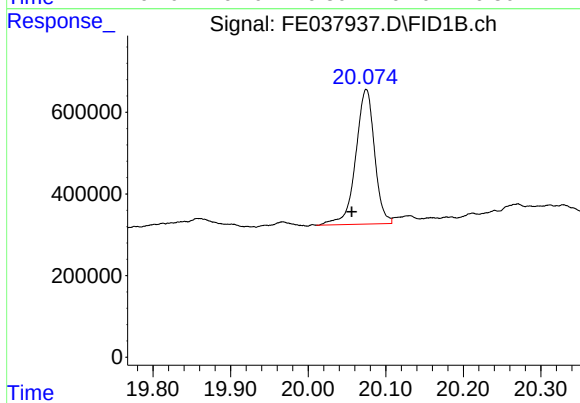
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.016 min
Response: 5793155
Conc: 36.79 ug/ml



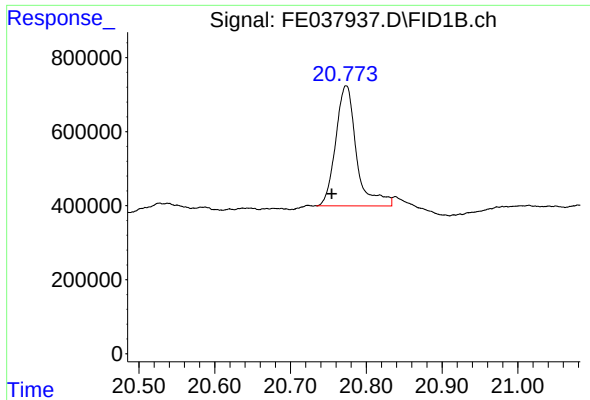
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.016 min
Response: 5675365
Conc: 38.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.019 min
Response: 5558443
Conc: 38.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: 0.018 min
Response: 6194972
Conc: 45.65 ug/ml

Instrument :

FID_E

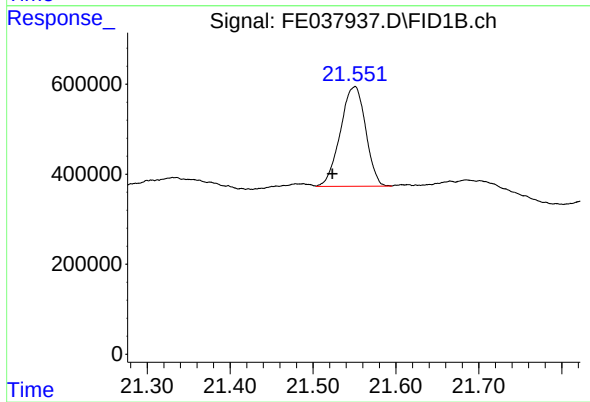
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#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: 0.027 min
Response: 4688229
Conc: 36.83 ug/ml m