

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055413.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 16:05
 Operator : YP\AJ
 Sample : Q2868-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File: autoint1.e
 Quant Time: Aug 21 01:20:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.096	6823448	47.782 ug/ml
Spiked Amount 50.000		Recovery =	95.56%
12) S 1-chlorooctadecane (S...	13.531	6224183	57.886 ug/mlm
Spiked Amount 50.000		Recovery =	115.77%
Target Compounds			
1) T n-Nonane (C9)	3.431	4830716	42.090 ug/ml
2) T n-Decane (C10)	4.684	5070375	43.524 ug/ml
3) T A~Naphthalene (C11.7)	6.402	6933152	51.651 ug/ml
4) T n-Dodecane (C12)	6.856	5476211	45.987 ug/ml
5) T A~2-methylnaphthalene...	7.502	6021953	46.187 ug/mlm
6) T n-Tetradecane (C14)	8.694	5995310	48.897 ug/ml
7) T n-Hexadecane (C16)	10.310	6336268	49.562 ug/ml
8) T n-Octadecane (C18)	11.764	6492574	49.761 ug/ml
10) T n-Eicosane (C20)	13.092	8991368	71.660 ug/mlm
11) T n-Heneicosane (C21)	13.694	9130716	74.072 ug/ml
13) T n-Docosane (C22)	14.281	8493559	69.551 ug/mlm
14) T n-Tetracosane (C24)	15.388	49180219	404.331 ug/ml
15) T n-Hexacosane (C26)	16.415	8457123	70.685 ug/mlm
16) T n-Octacosane (C28)	17.366	42684992	359.835 ug/mlm
17) T n-Tricontane (C30)	18.260	7612988	61.870 ug/ml
18) T n-Dotriacontane (C32)	19.094	10076520	82.587 ug/mlm
19) T n-Tetratriacontane (C34)	19.879	6364308	54.433 ug/mlm
20) T n-Hexatriacontane (C36)	20.618	7703645	70.482 ug/mlm
21) T n-Octatriacontane (C38)	21.402	6772105	62.664 ug/mlm
22) T n-Tetracontane (C40)	22.399	9974418	95.381 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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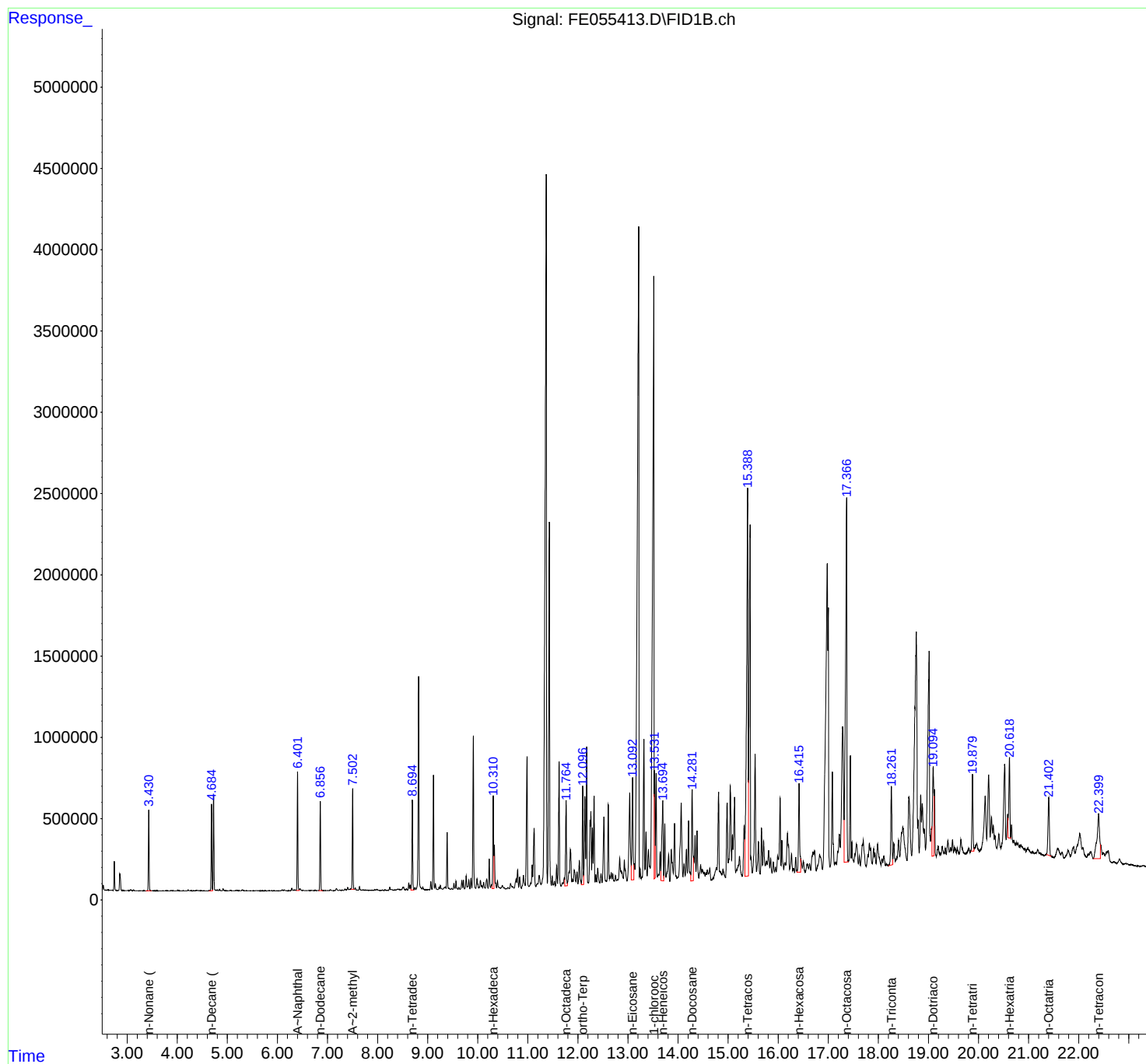
Instrument :
FID_E
ClientSampleId :
5MS

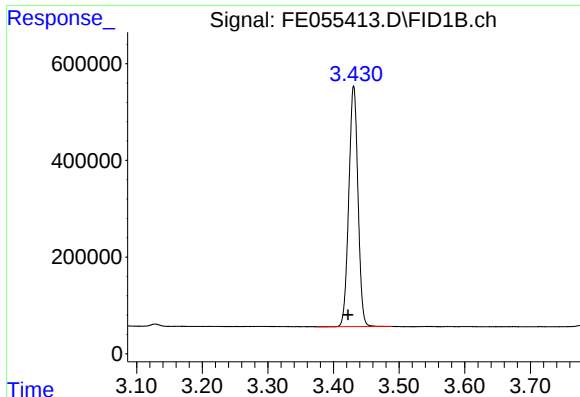
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#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: 0.009 min
Response: 4830716
Conc: 42.09 ug/ml

Instrument :

FID_E

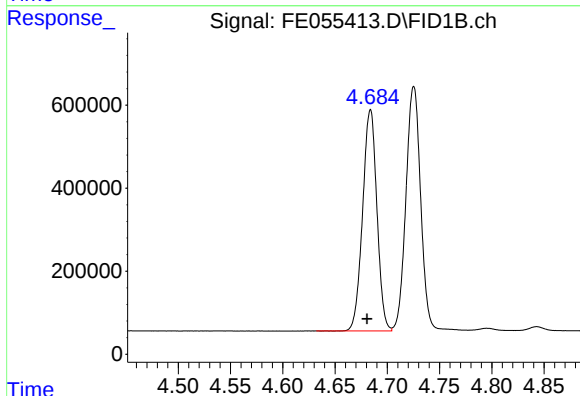
ClientSampleId :

5MS

Manual Integrations

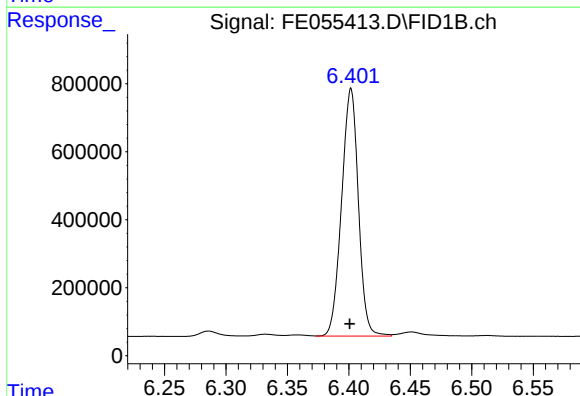
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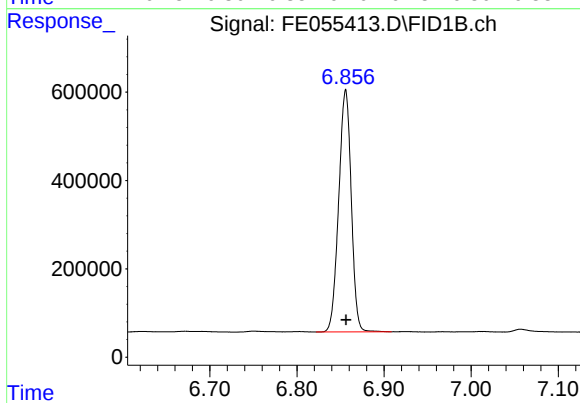
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.003 min
Response: 5070375
Conc: 43.52 ug/ml



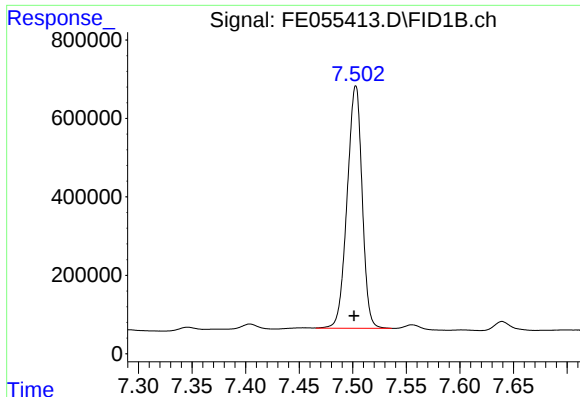
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 6933152
Conc: 51.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5476211
Conc: 45.99 ug/ml



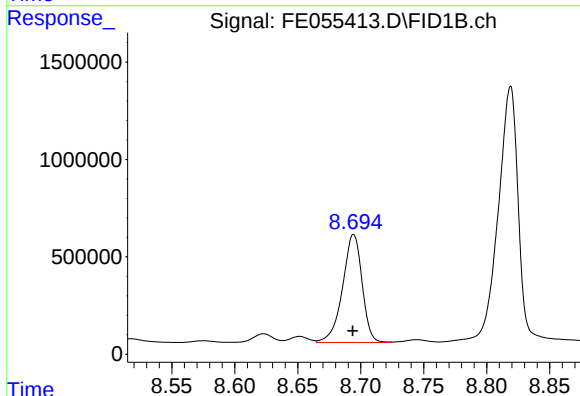
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 6021953
Conc: 46.19 ug/ml

Instrument :
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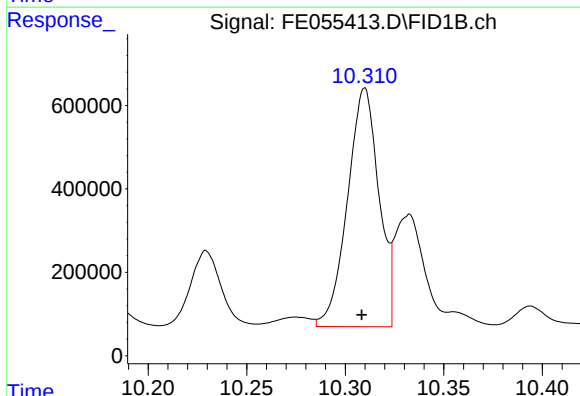
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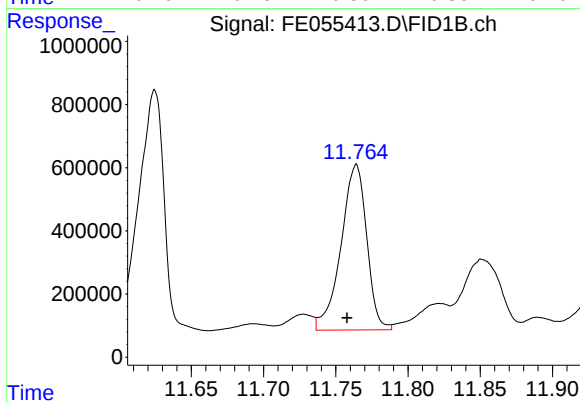
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 5995310
Conc: 48.90 ug/ml



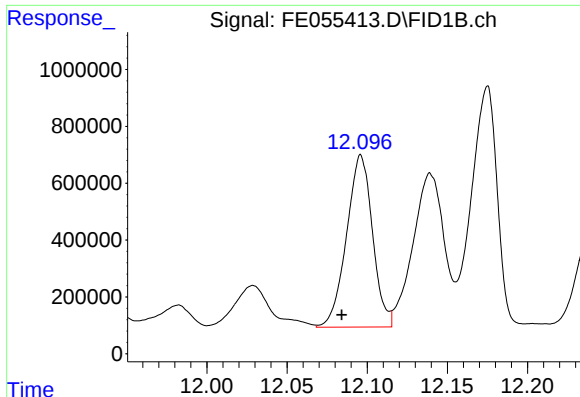
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.001 min
Response: 6336268
Conc: 49.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.764 min
Delta R.T.: 0.006 min
Response: 6492574
Conc: 49.76 ug/ml



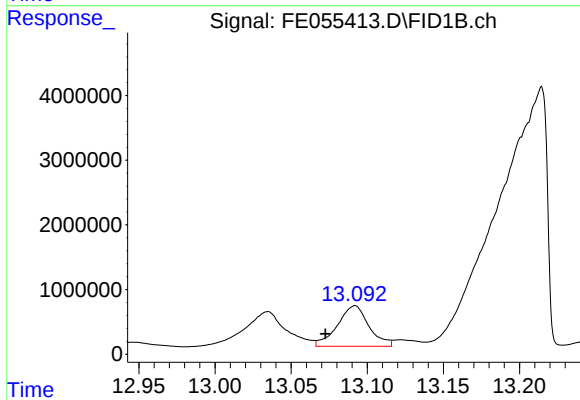
#9 ortho-Terphenyl (SURR)

R.T.: 12.096 min
Delta R.T.: 0.012 min
Response: 6823448
Conc: 47.78 ug/ml

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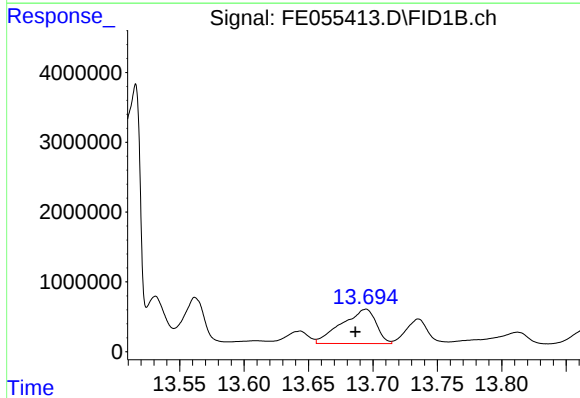
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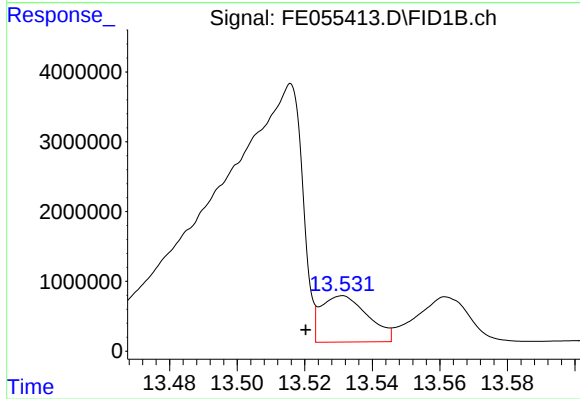
#10 n-Eicosane (C20)

R.T.: 13.092 min
Delta R.T.: 0.019 min
Response: 8991368
Conc: 71.66 ug/ml m



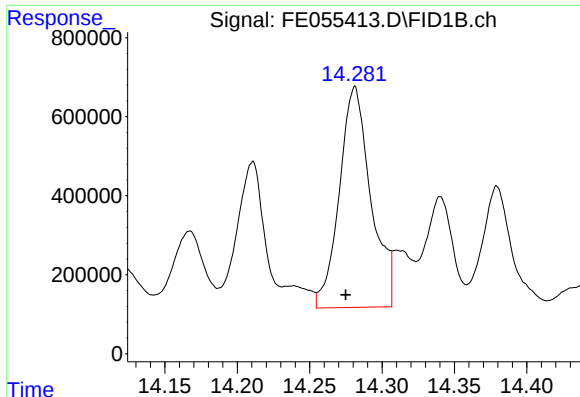
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.008 min
Response: 9130716
Conc: 74.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.531 min
Delta R.T.: 0.011 min
Response: 6224183
Conc: 57.89 ug/ml m



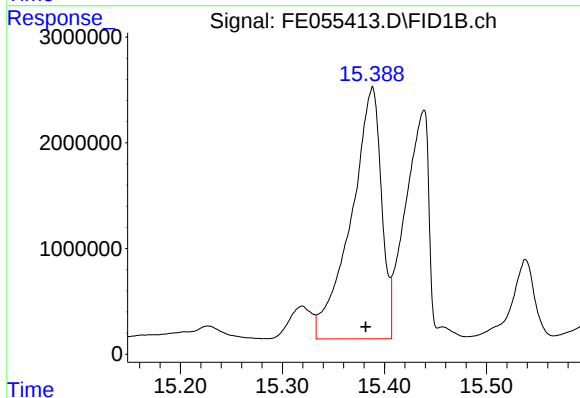
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 8493559
Conc: 69.55 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS

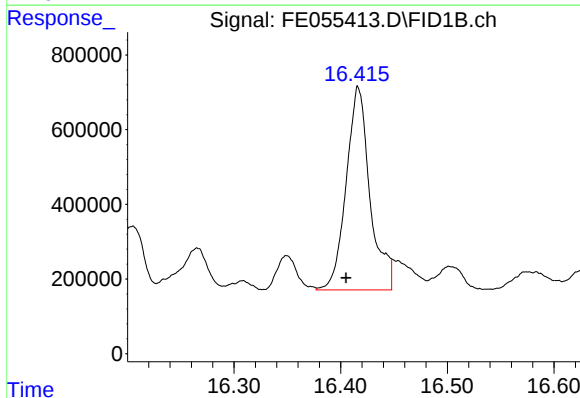
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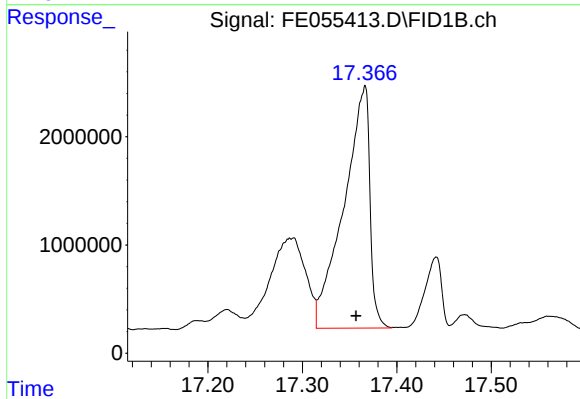
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 49180219
Conc: 404.33 ug/ml



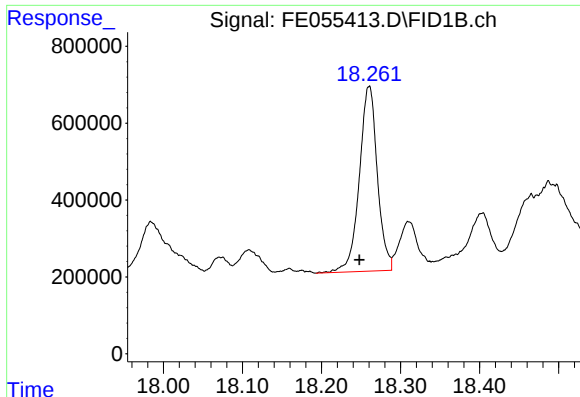
#15 n-Hexacosane (C26)

R.T.: 16.415 min
Delta R.T.: 0.010 min
Response: 8457123
Conc: 70.68 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.366 min
Delta R.T.: 0.009 min
Response: 42684992
Conc: 359.84 ug/ml m



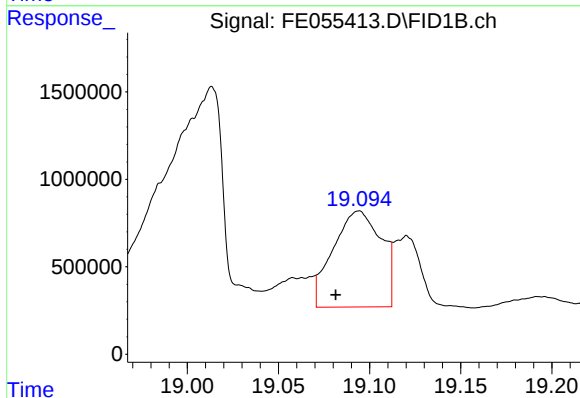
#17 n-Tricontane (C30)

R.T.: 18.260 min
Delta R.T.: 0.012 min
Response: 7612988
Conc: 61.87 ug/ml

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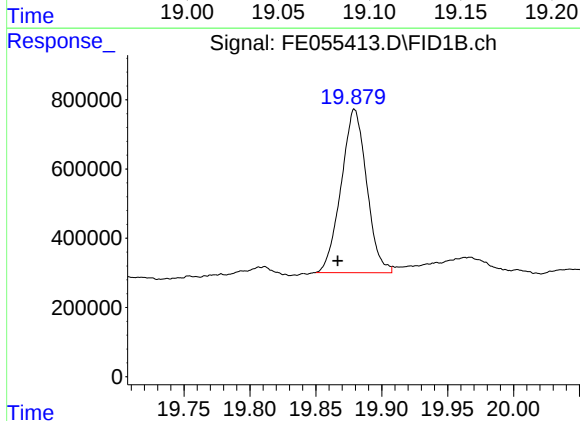
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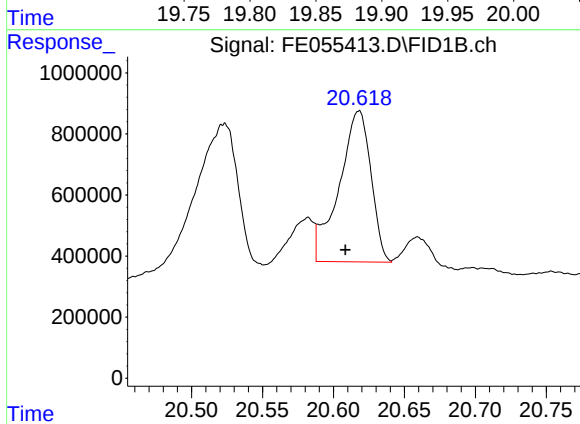
#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: 0.013 min
Response: 10076520
Conc: 82.59 ug/ml m



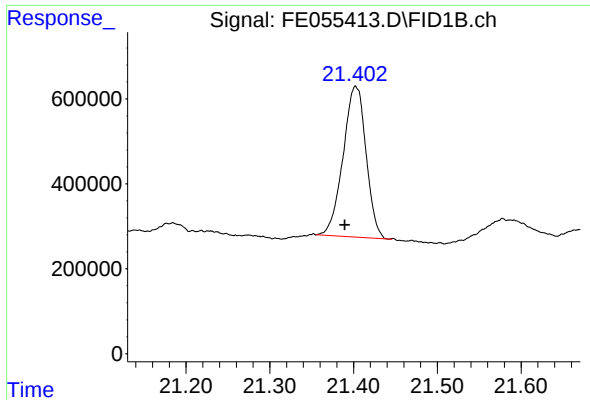
#19 n-Tetratriacontane (C34)

R.T.: 19.879 min
Delta R.T.: 0.012 min
Response: 6364308
Conc: 54.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.618 min
Delta R.T.: 0.010 min
Response: 7703645
Conc: 70.48 ug/ml m



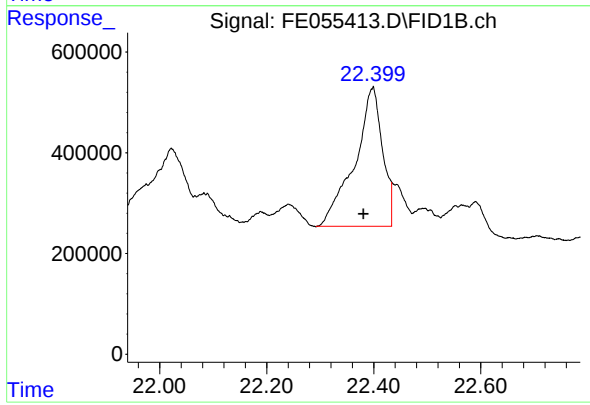
#21 n-Octatriacontane (C38)

R.T.: 21.402 min
Delta R.T.: 0.012 min
Response: 6772105
Conc: 62.66 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.399 min
Delta R.T.: 0.018 min
Response: 9974418
Conc: 95.38 ug/ml m