

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039725.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 16:55
 Operator : YP\AJ
 Sample : PB150146BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB150146BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2023
 Supervised By :Ankita Jodhani 01/11/2023

Integration File: autoint1.e
 Quant Time: Jan 10 17:51:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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	5988387	38.995 ug/ml
Spiked Amount 50.000		Recovery =	77.99%
12) S 1-chlorooctadecane (S...	13.354	4761178	40.799 ug/ml
Spiked Amount 50.000		Recovery =	81.60%
Target Compounds			
1) T n-Nonane (C9)	3.317	6105423	48.099 ug/ml
2) T n-Decane (C10)	4.565	6472327	52.117 ug/ml
3) T A~Naphthalene (C11.7)	6.264	4556899	32.312 ug/ml
4) T n-Dodecane (C12)	6.728	6997265	55.654 ug/ml
5) T A~2-methylnaphthalene...	7.358	4669169	35.648 ug/ml
6) T n-Tetradecane (C14)	8.554	7203504	56.009 ug/ml
7) T n-Hexadecane (C16)	10.160	7726019	57.270 ug/ml
8) T n-Octadecane (C18)	11.603	8179418	58.372 ug/ml
10) T n-Eicosane (C20)	12.912	8087790	58.374 ug/ml
11) T n-Heneicosane (C21)	13.523	8046830	57.666 ug/ml
13) T n-Docosane (C22)	14.110	8109088	58.421 ug/ml
14) T n-Tetracosane (C24)	15.212	8351062	60.655 ug/mlm
15) T n-Hexacosane (C26)	16.234	7979454	59.787 ug/ml
16) T n-Octacosane (C28)	17.182	7872097	60.473 ug/ml
17) T n-Tricontane (C30)	18.072	7657758	60.048 ug/ml
18) T n-Dotriacontane (C32)	18.903	7452129	58.947 ug/ml
19) T n-Tetratriacontane (C34)	19.684	6490108	52.522 ug/ml
20) T n-Hexatriacontane (C36)	20.425	4956495	42.041 ug/ml
21) T n-Octatriacontane (C38)	21.157	3865445	32.342 ug/ml
22) T n-Tetracontane (C40)	22.060	3159834	26.035 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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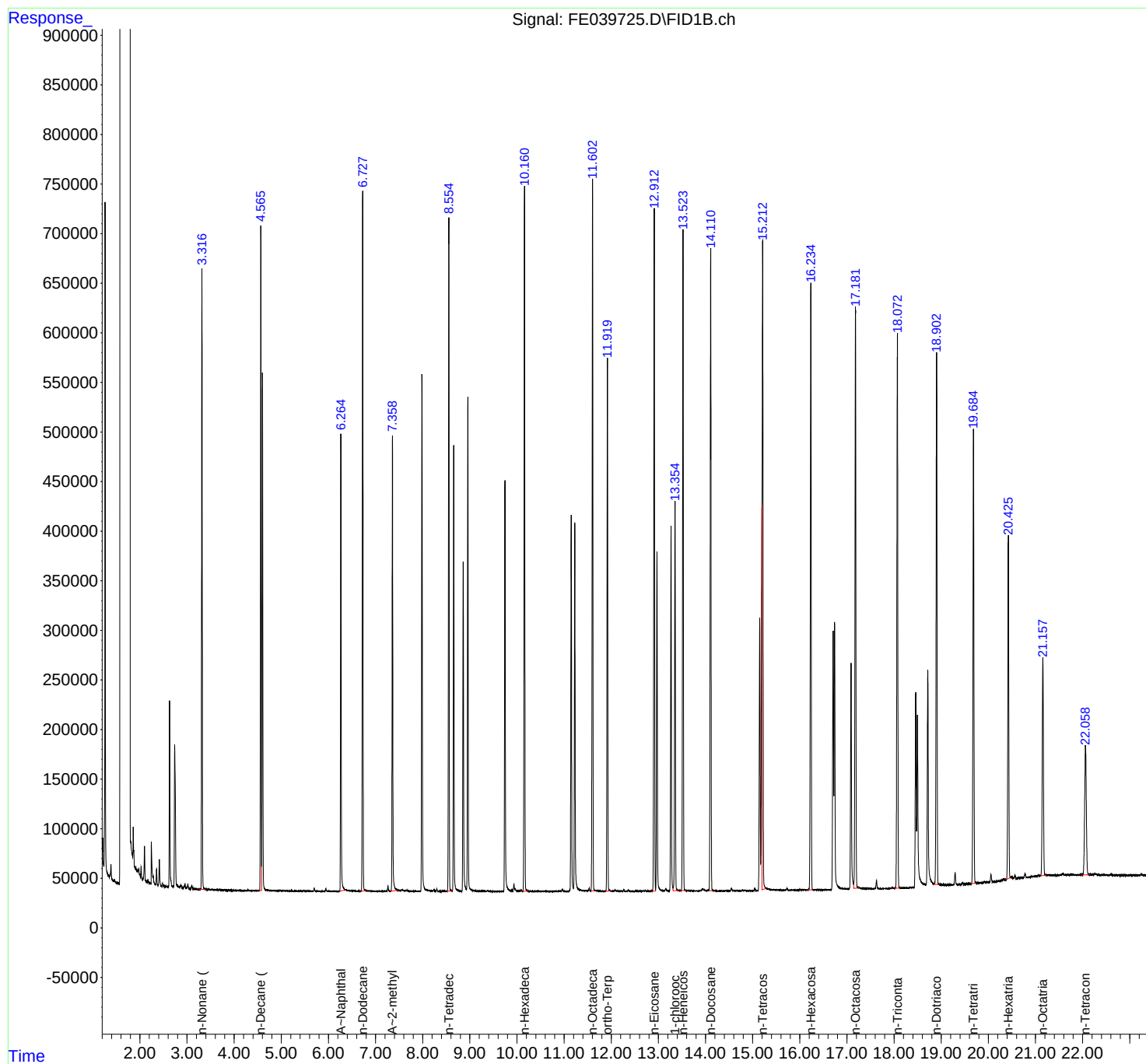
Instrument :
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ClientSampleId :
PB150146BSD

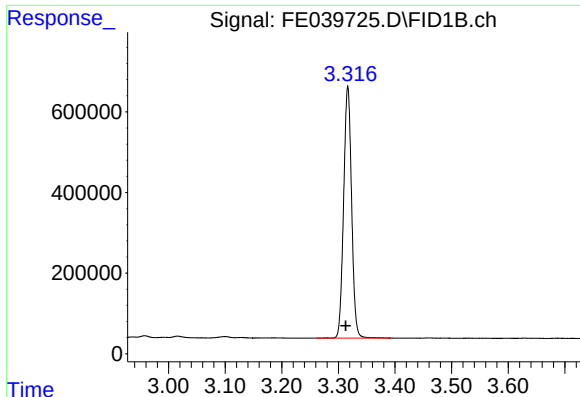
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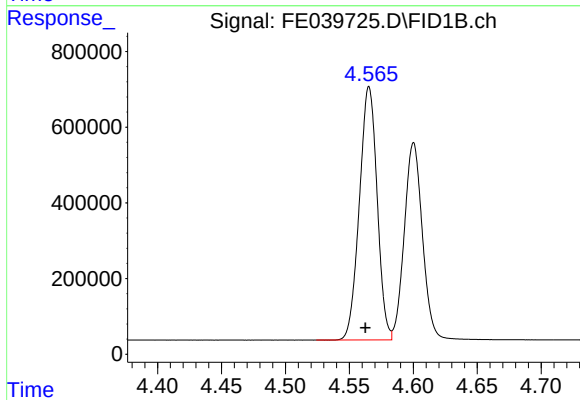
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.004 min
Response: 6105423
Conc: 48.10 ug/ml

Instrument :
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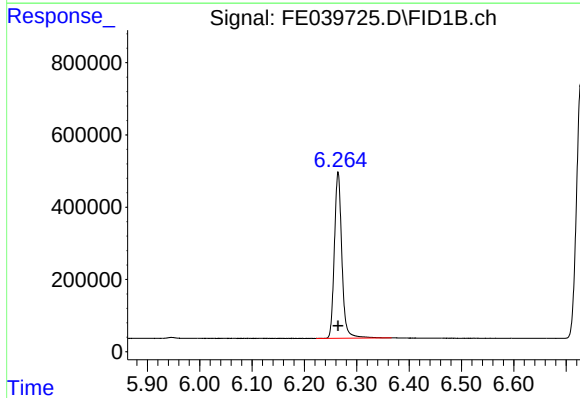
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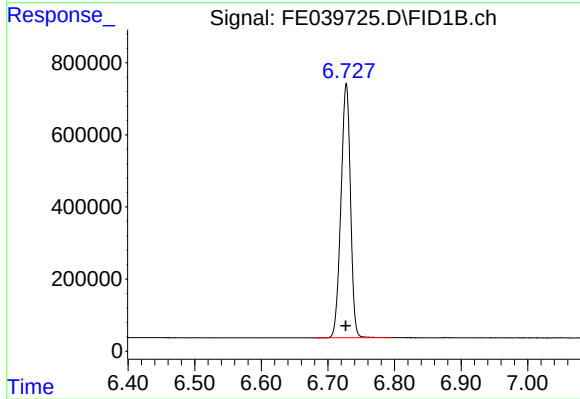
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.003 min
Response: 6472327
Conc: 52.12 ug/ml



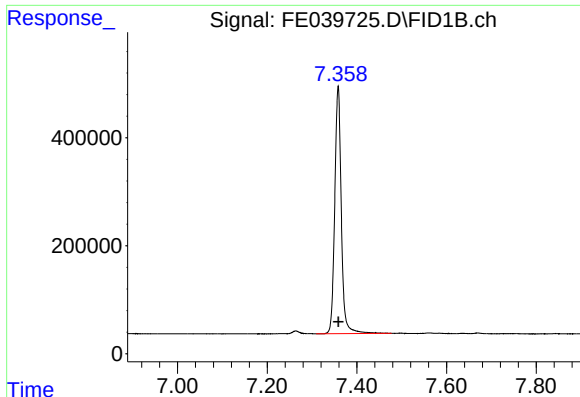
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 4556899
Conc: 32.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 6997265
Conc: 55.65 ug/ml



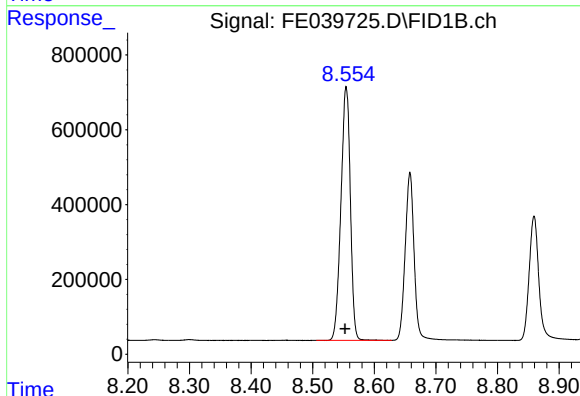
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 4669169
Conc: 35.65 ug/ml

Instrument :
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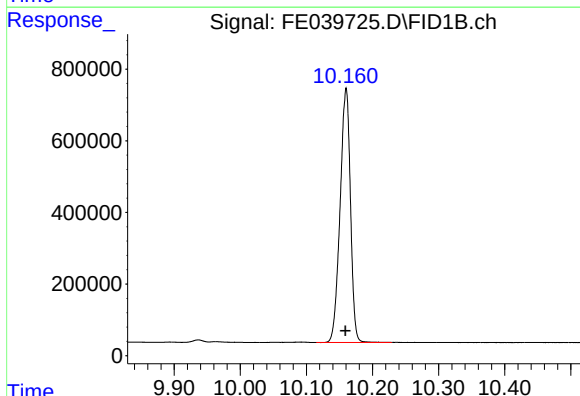
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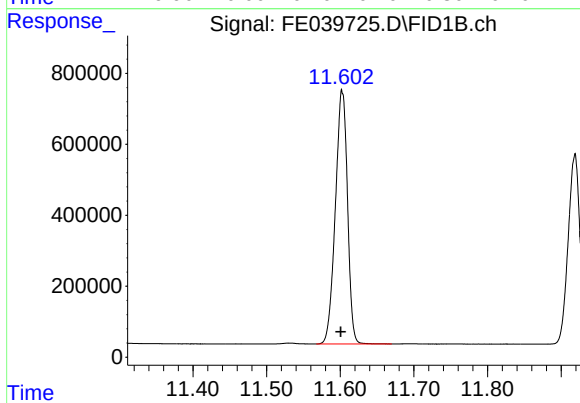
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: 0.002 min
Response: 7203504
Conc: 56.01 ug/ml



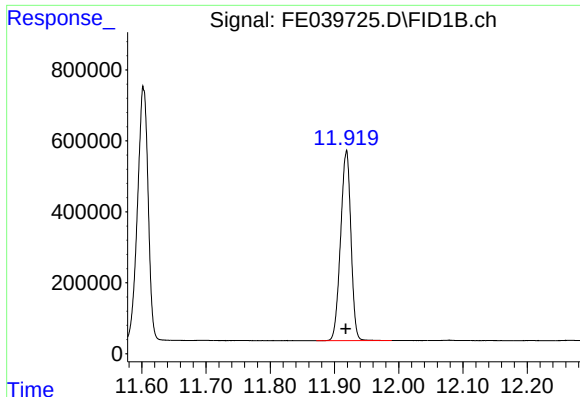
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: 0.001 min
Response: 7726019
Conc: 57.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 8179418
Conc: 58.37 ug/ml



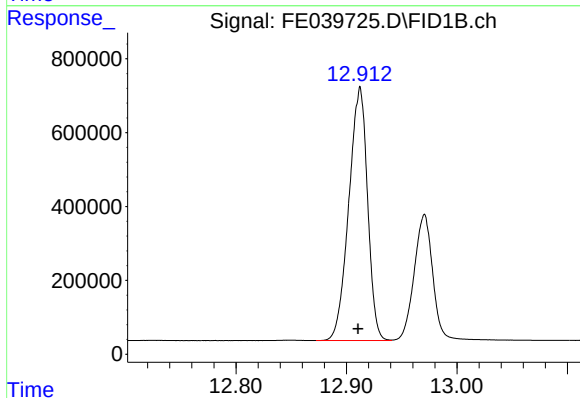
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.000 min
Response: 5988387
Conc: 39.00 ug/ml

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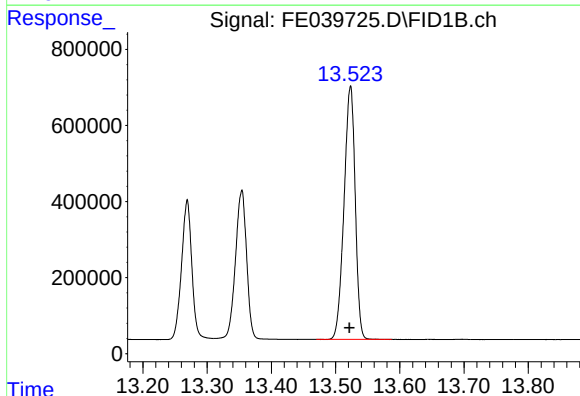
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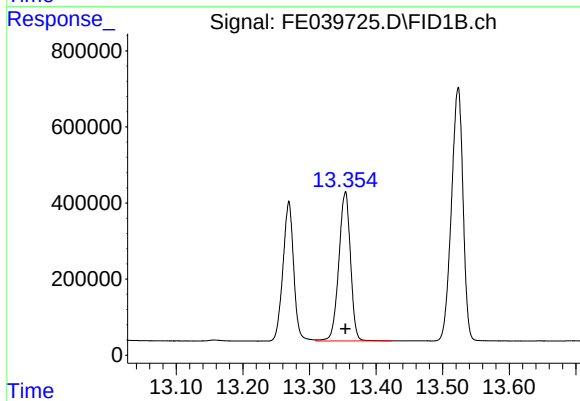
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.002 min
Response: 8087790
Conc: 58.37 ug/ml



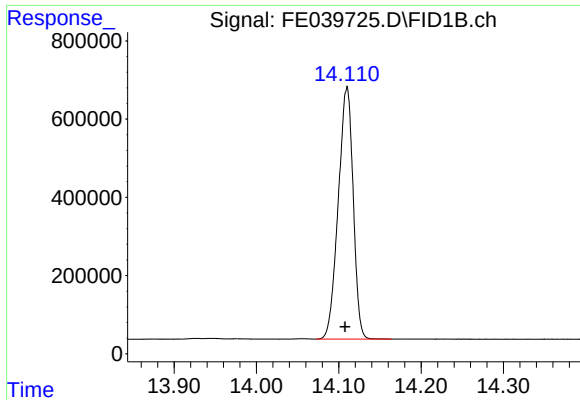
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.002 min
Response: 8046830
Conc: 57.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 4761178
Conc: 40.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.003 min
Response: 8109088
Conc: 58.42 ug/ml

Instrument :

FID_E

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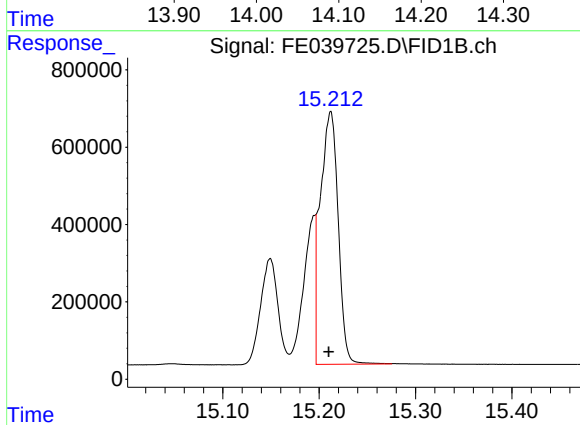
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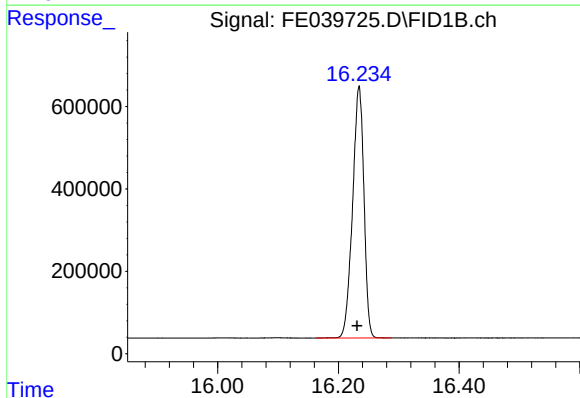
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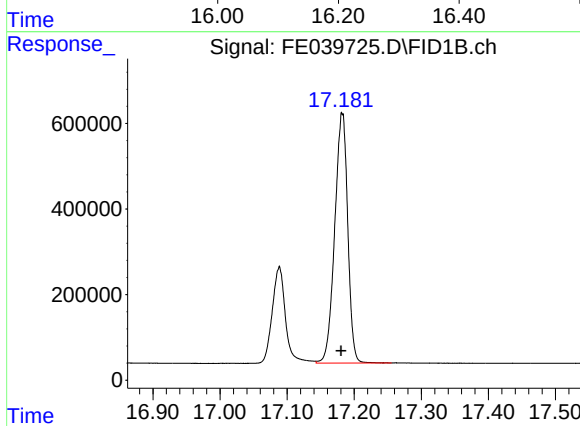
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.002 min
Response: 8351062
Conc: 60.66 ug/ml m



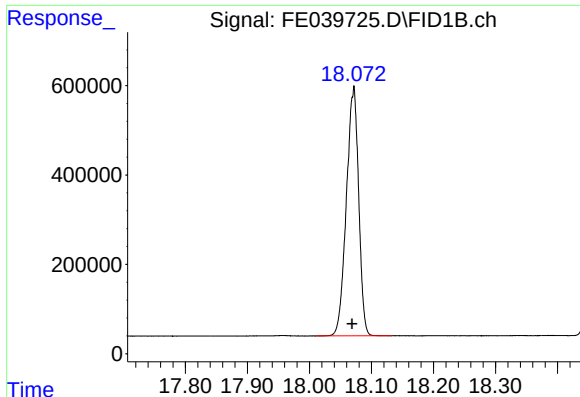
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.003 min
Response: 7979454
Conc: 59.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: 0.002 min
Response: 7872097
Conc: 60.47 ug/ml



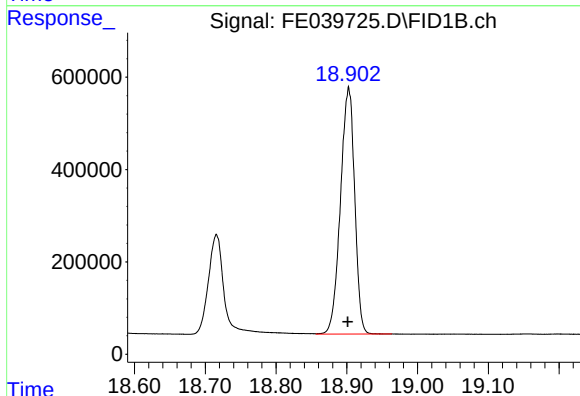
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 7657758
Conc: 60.05 ug/ml

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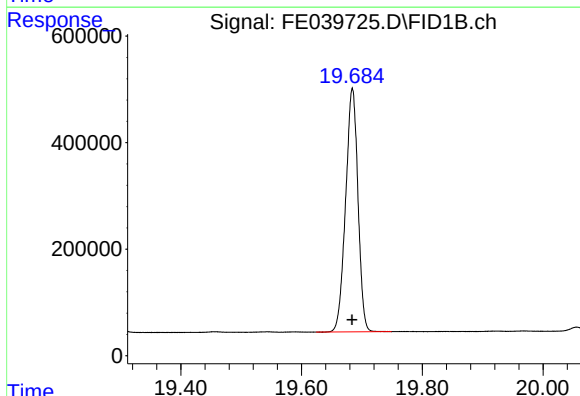
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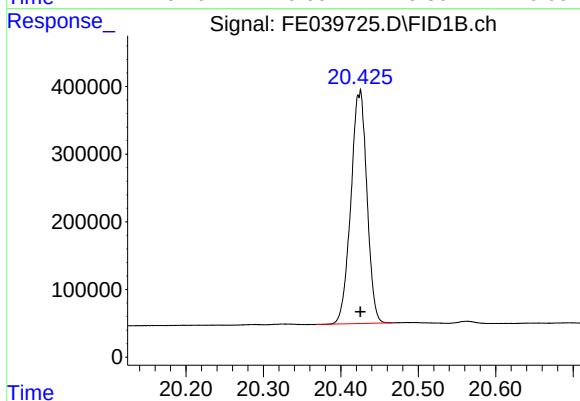
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: 0.001 min
Response: 7452129
Conc: 58.95 ug/ml



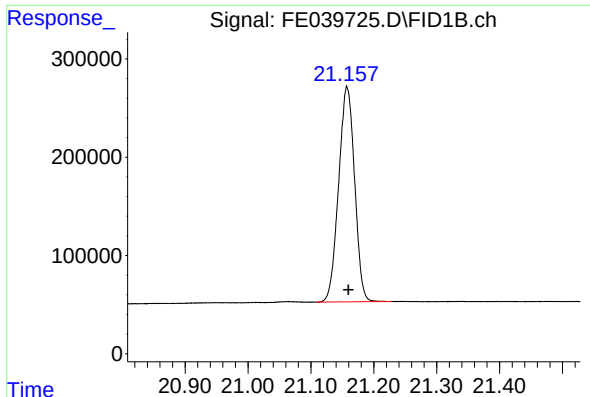
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: 0.000 min
Response: 6490108
Conc: 52.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 4956495
Conc: 42.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.002 min
Response: 3865445
Conc: 32.34 ug/ml

Instrument :

FID_E

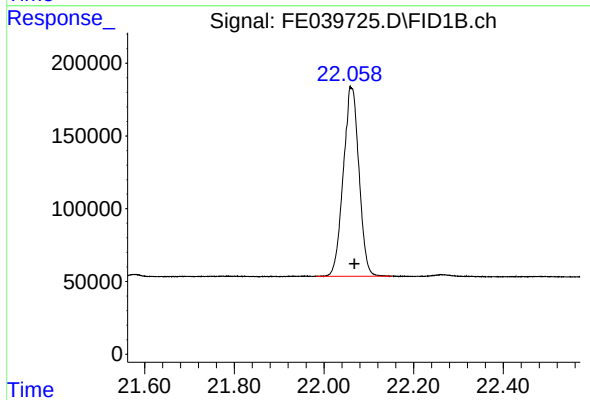
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#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.008 min
Response: 3159834
Conc: 26.04 ug/ml