

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120122AL\
 Data File : FE039071.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 20:33
 Operator : YP\AJ
 Sample : N5818-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-113022MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: autoint1.e
 Quant Time: Dec 02 02:55:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.950	5315495	33.978 ug/ml
Spiked Amount 50.000		Recovery =	67.96%
12) S 1-chlorooctadecane (S...	13.378	20739729	171.772 ug/ml
Spiked Amount 50.000		Recovery =	343.54%
Target Compounds			
1) T n-Nonane (C9)	3.343	4114891	29.030 ug/ml
2) T n-Decane (C10)	4.594	4564770	32.751 ug/ml
3) T A~Naphthalene (C11.7)	6.296	4540789	28.549 ug/ml
4) T n-Dodecane (C12)	6.756	5138268	36.452 ug/ml
5) T A~2-methylnaphthalene...	7.391	4694093	31.364 ug/ml
6) T n-Tetradecane (C14)	8.584	5710038	39.980 ug/ml
7) T n-Hexadecane (C16)	10.190	6464970	44.217 ug/ml
8) T n-Octadecane (C18)	11.632	6842229	46.499 ug/ml
10) T n-Eicosane (C20)	12.940	6716648	47.313 ug/ml
11) T n-Heneicosane (C21)	13.553	6684444	47.041 ug/ml
13) T n-Docosane (C22)	14.138	6792799	48.594 ug/ml
14) T n-Tetracosane (C24)	15.234	5158640	37.353 ug/mlm
15) T n-Hexacosane (C26)	16.264	6506135	48.440 ug/ml
16) T n-Octacosane (C28)	17.213	6441913	48.509 ug/ml
17) T n-Tricontane (C30)	18.101	6079045	46.032 ug/ml
18) T n-Dotriacontane (C32)	18.933	6110357	45.816 ug/ml
19) T n-Tetratriacontane (C34)	19.717	5941121	44.899 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5366804	41.774 ug/ml
21) T n-Octatriacontane (C38)	21.199	5220214	39.838 ug/ml
22) T n-Tetracontane (C40)	22.120	4500683	33.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5818-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

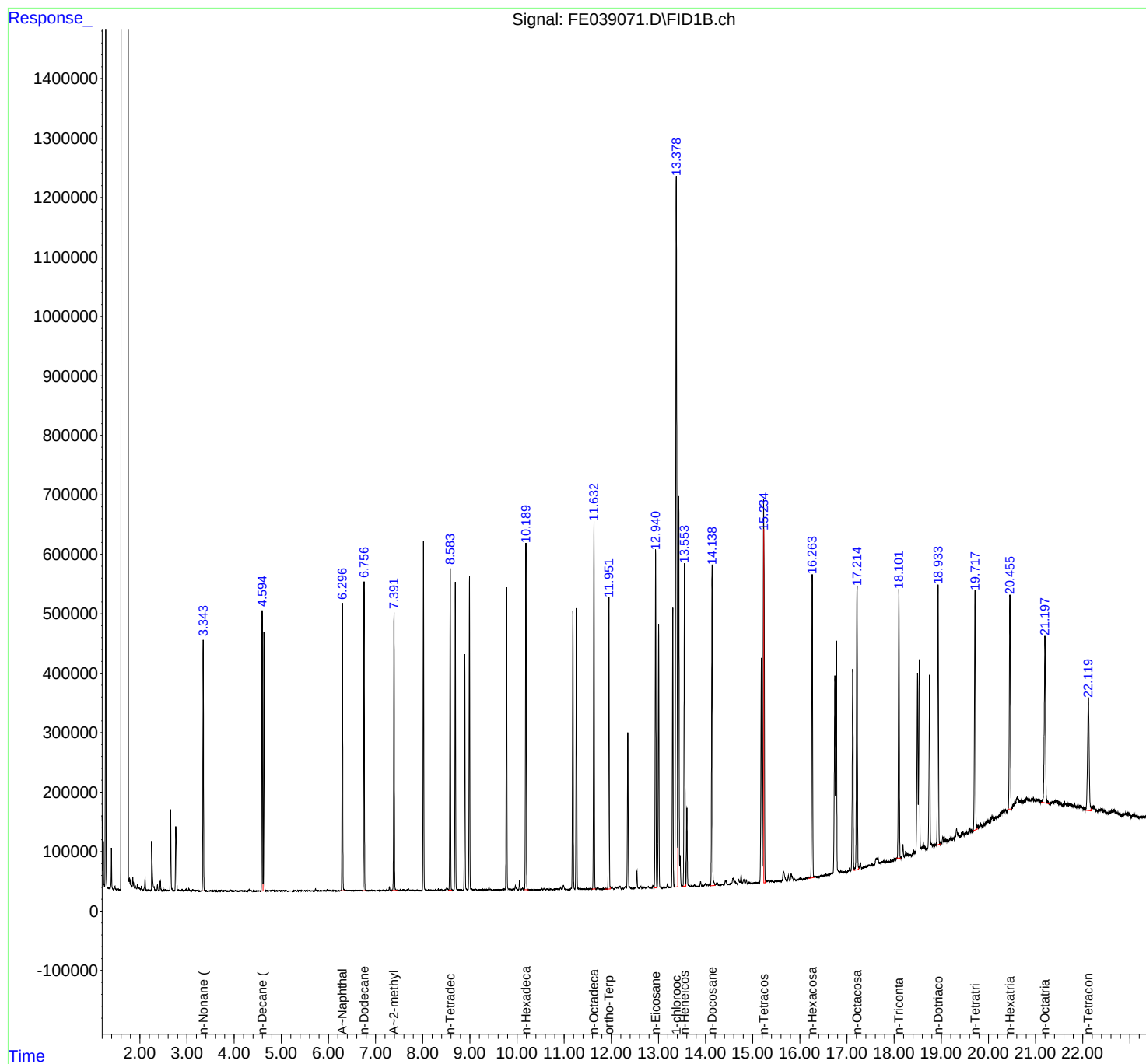
Instrument :
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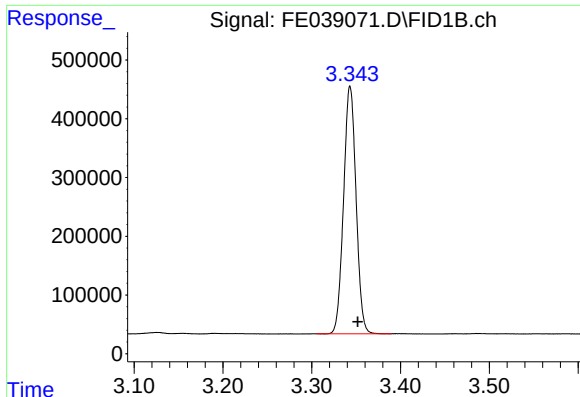
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.009 min
Response: 4114891
Conc: 29.03 ug/ml

Instrument :

FID_E

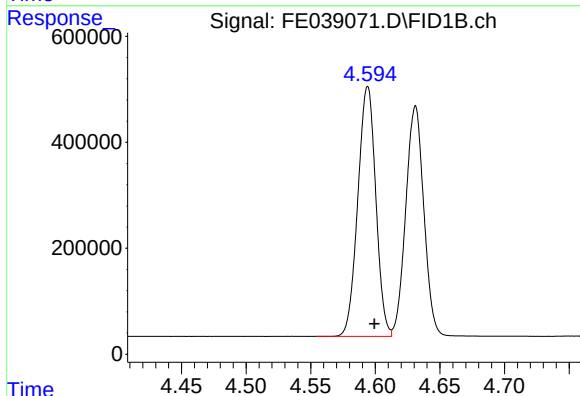
ClientSampleId :

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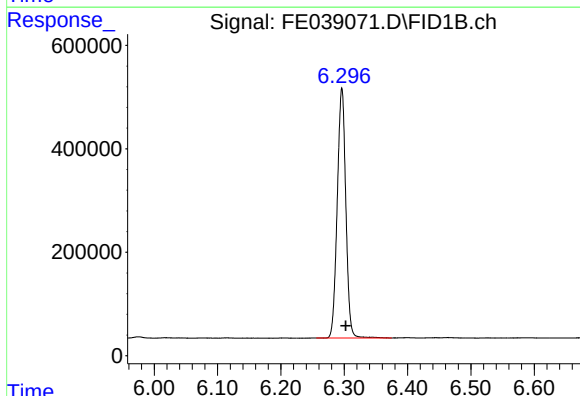
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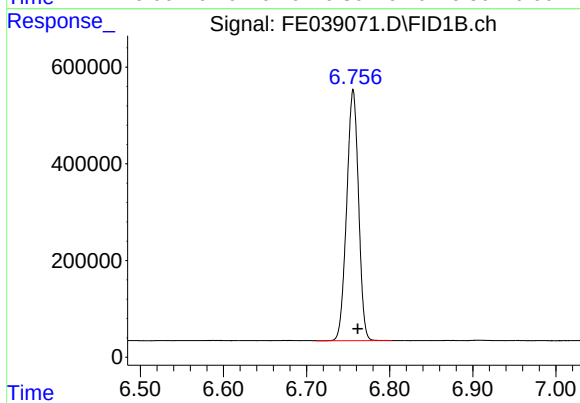
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 4564770
Conc: 32.75 ug/ml



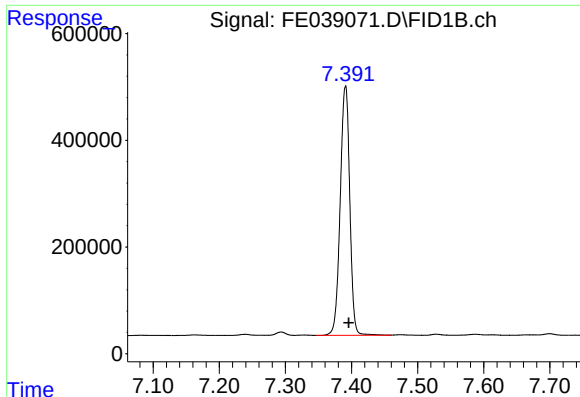
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 4540789
Conc: 28.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 5138268
Conc: 36.45 ug/ml



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

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 4694093
Conc: 31.36 ug/ml

Instrument :

FID_E

ClientSampleId :

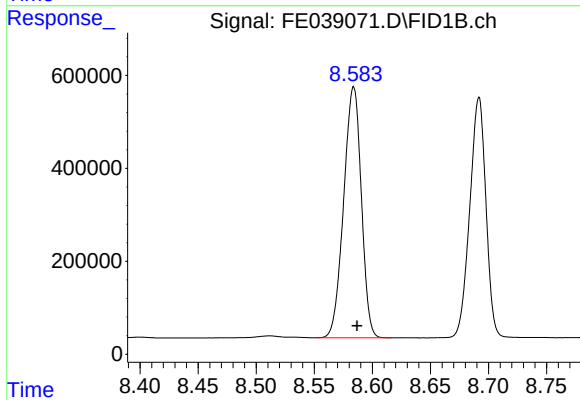
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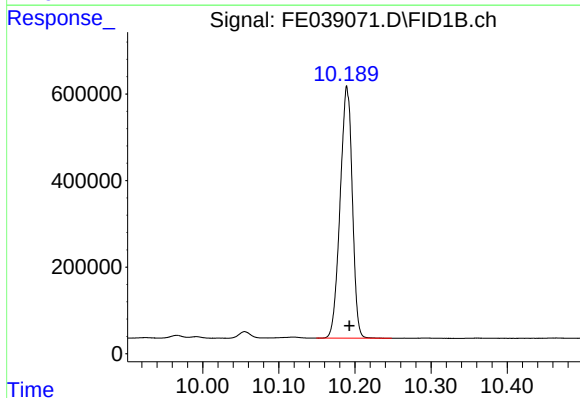
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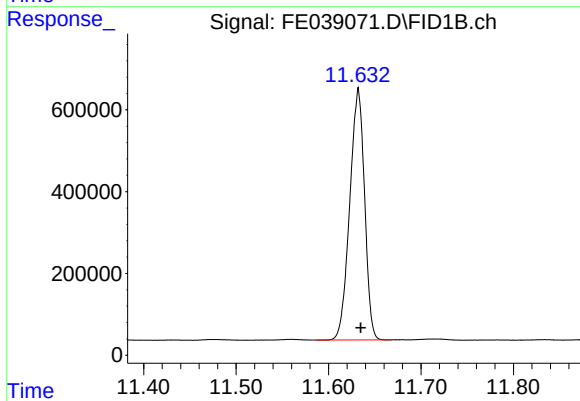
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.003 min
Response: 5710038
Conc: 39.98 ug/ml



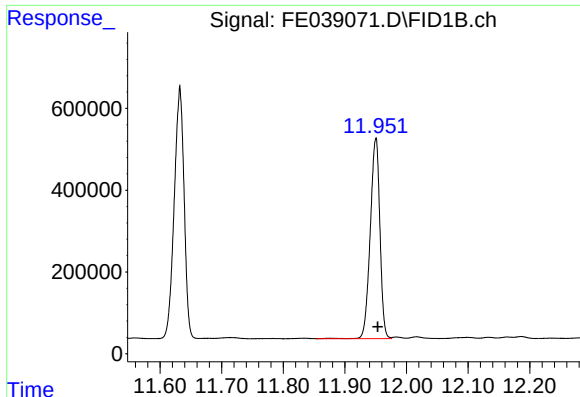
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.003 min
Response: 6464970
Conc: 44.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.003 min
Response: 6842229
Conc: 46.50 ug/ml



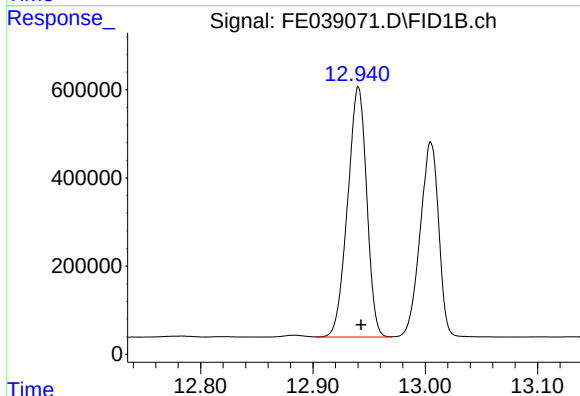
#9 ortho-Terphenyl (SURR)

R.T.: 11.950 min
Delta R.T.: -0.003 min
Response: 5315495
Conc: 33.98 ug/ml

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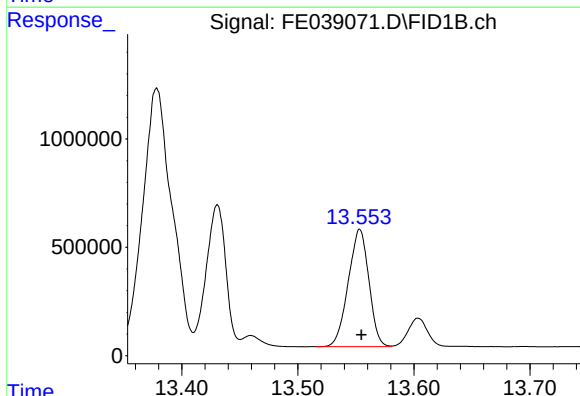
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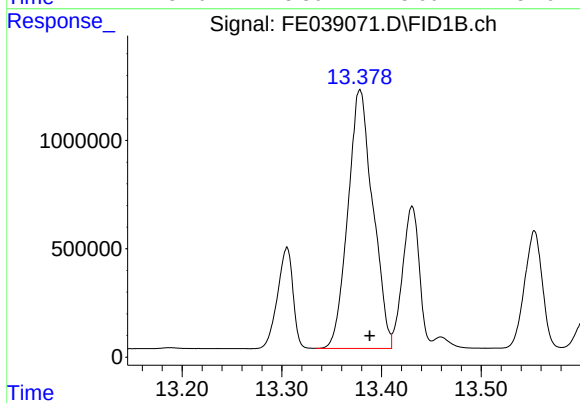
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.002 min
Response: 6716648
Conc: 47.31 ug/ml



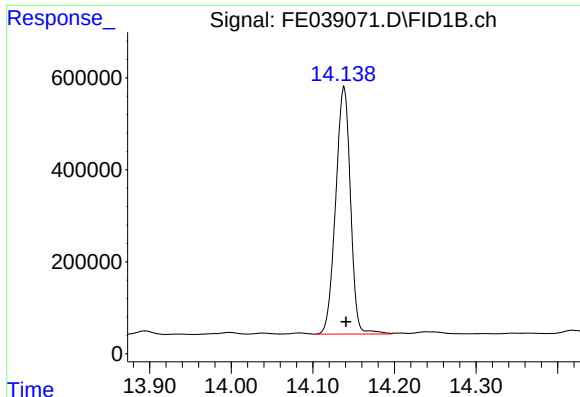
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 6684444
Conc: 47.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.010 min
Response: 20739729
Conc: 171.77 ug/ml



#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.003 min
Response: 6792799
Conc: 48.59 ug/ml

Instrument :

FID_E

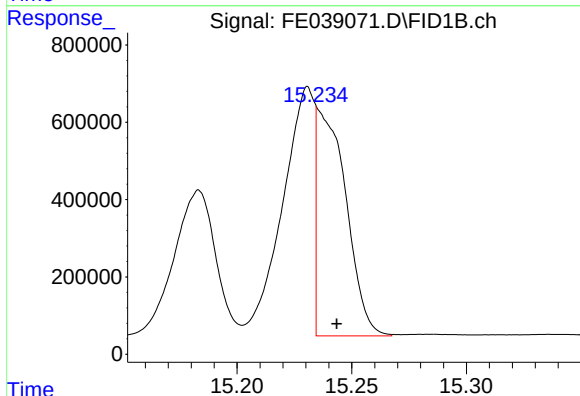
ClientSampleId :

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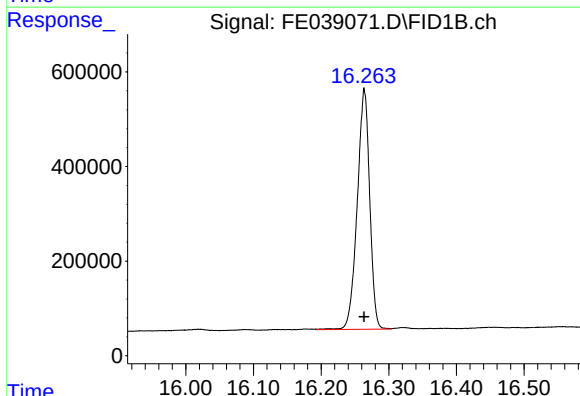
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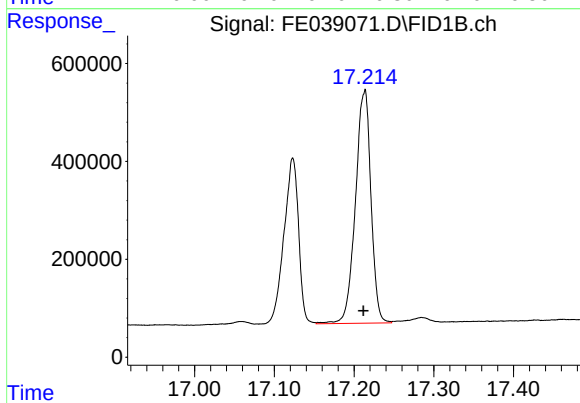
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.009 min
Response: 5158640
Conc: 37.35 ug/ml m



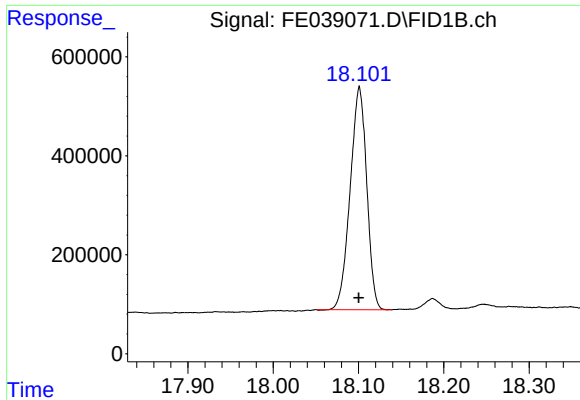
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.000 min
Response: 6506135
Conc: 48.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 6441913
Conc: 48.51 ug/ml



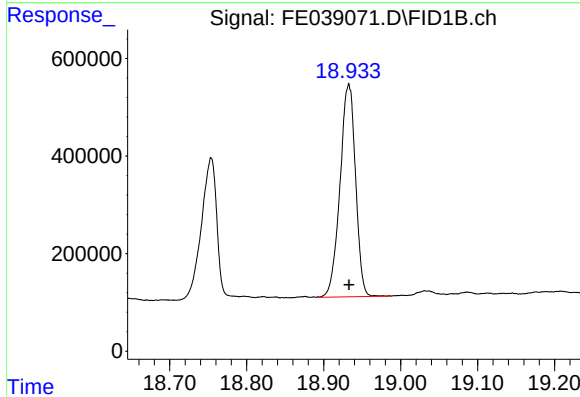
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 6079045
Conc: 46.03 ug/ml

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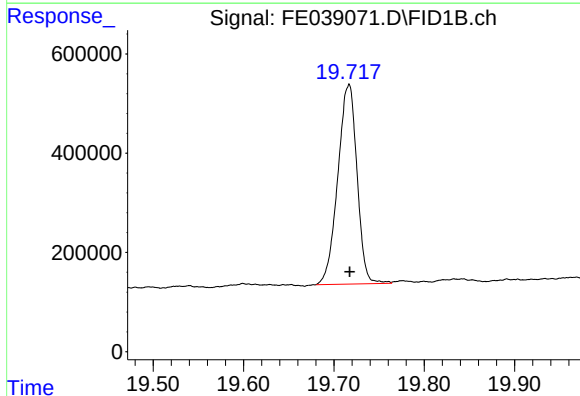
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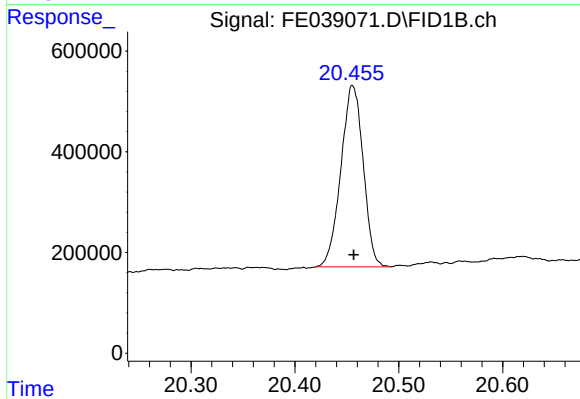
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 6110357
Conc: 45.82 ug/ml



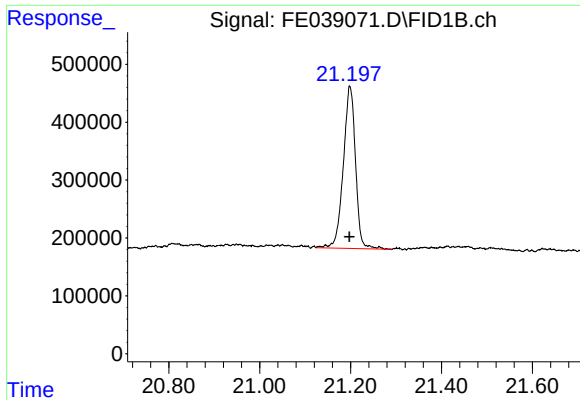
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.001 min
Response: 5941121
Conc: 44.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.001 min
Response: 5366804
Conc: 41.77 ug/ml



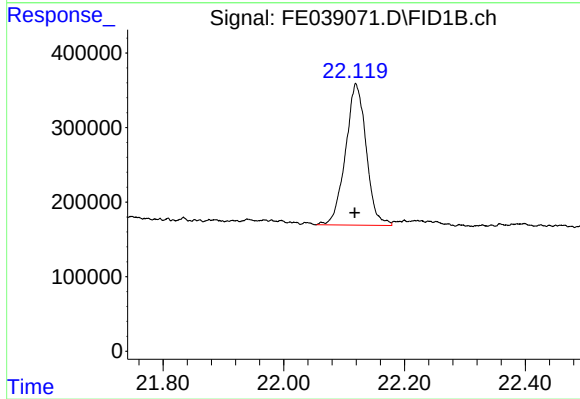
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.002 min
Response: 5220214
Conc: 39.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: 0.002 min
Response: 4500683
Conc: 33.05 ug/ml