

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040124AL\
 Data File : FE047401.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2024 14:05
 Operator : YP\AJ
 Sample : PB159908BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB159908BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File: autoint1.e

Quant Time: Apr 02 03:02:57 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M

Quant Title : GC Extractables

QLast Update : Sat Mar 23 01:31:33 2024

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)	11.987	6532349	41.713 ug/ml
Spiked Amount 50.000		Recovery =	83.43%
12) S 1-chlorooctadecane (S...	13.420	5554654	45.800 ug/ml
Spiked Amount 50.000		Recovery =	91.60%
Target Compounds			
1) T n-Nonane (C9)	3.374	5081465	34.796 ug/ml
2) T n-Decane (C10)	4.622	5292861	35.507 ug/ml
3) T A~Naphthalene (C11.7)	6.327	5604577	36.125 ug/ml
4) T n-Dodecane (C12)	6.785	5509139	36.837 ug/ml
5) T A~2-methylnaphthalene...	7.423	5579652	37.284 ug/ml
6) T n-Tetradecane (C14)	8.615	5726012	38.822 ug/ml
7) T n-Hexadecane (C16)	10.222	6022912	39.792 ug/ml
8) T n-Octadecane (C18)	11.665	6298435	41.456 ug/ml
10) T n-Eicosane (C20)	12.975	6336411	43.551 ug/ml
11) T n-Heneicosane (C21)	13.586	6156854	43.078 ug/ml
13) T n-Docosane (C22)	14.171	6103915	42.999 ug/ml
14) T n-Tetracosane (C24)	15.267	10347328	73.398 ug/ml
15) T n-Hexacosane (C26)	16.293	5981656	43.016 ug/ml
16) T n-Octacosane (C28)	17.241	6101853	44.656 ug/ml
17) T n-Tricontane (C30)	18.127	6026455	43.404 ug/ml
18) T n-Dotriacontane (C32)	18.957	5967014	43.258 ug/ml
19) T n-Tetratriacontane (C34)	19.741	6139203	44.795 ug/ml
20) T n-Hexatriacontane (C36)	20.479	6342265	46.440 ug/ml
21) T n-Octatriacontane (C38)	21.223	6668296	48.106 ug/mlm
22) T n-Tetracontane (C40)	22.156	6700117	46.769 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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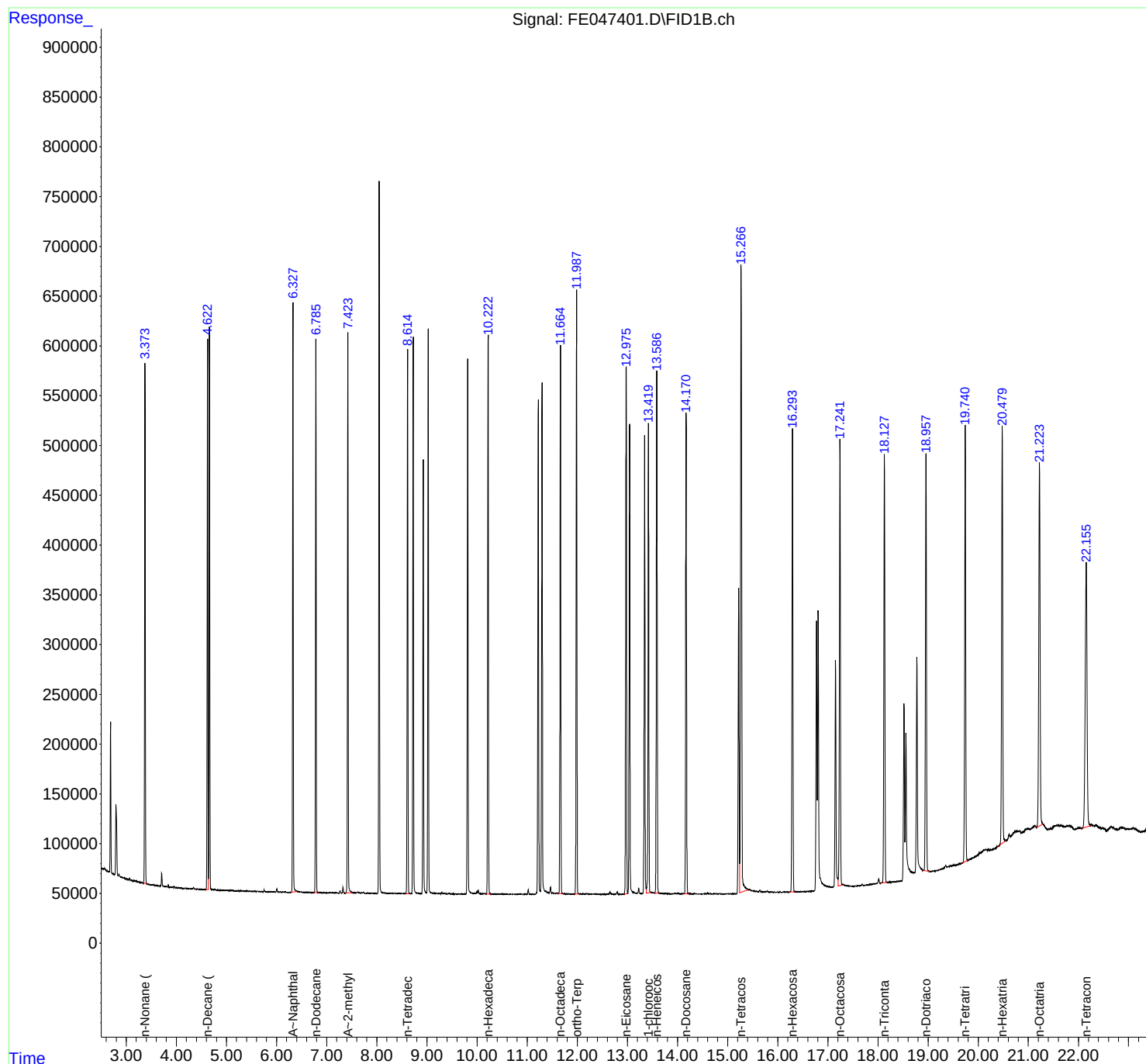
Response via : Initial Calibration

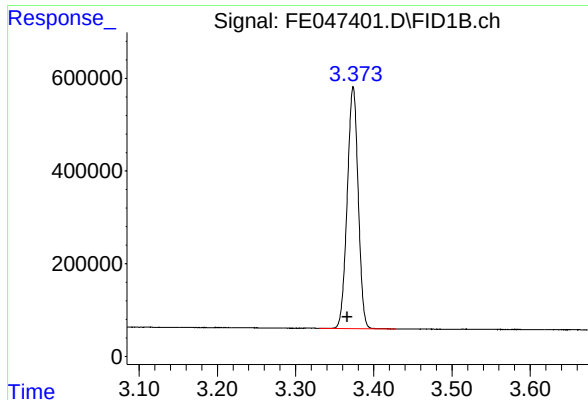
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: 0.008 min
Response: 5081465
Conc: 34.80 ug/ml

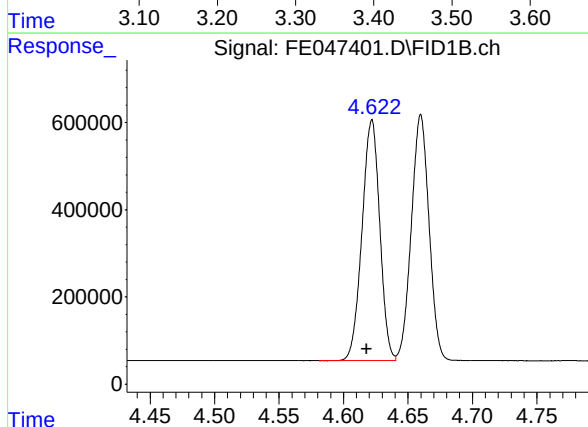
Instrument :

FID_E

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PB159908BS

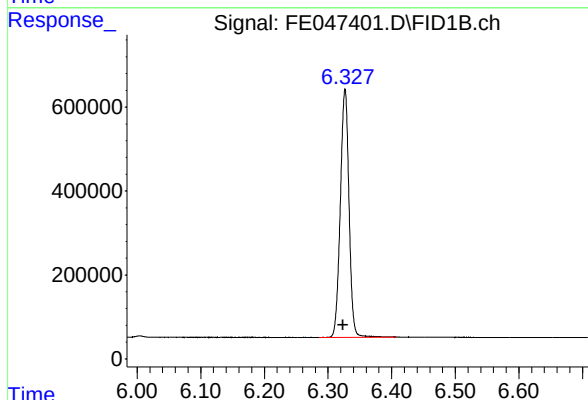
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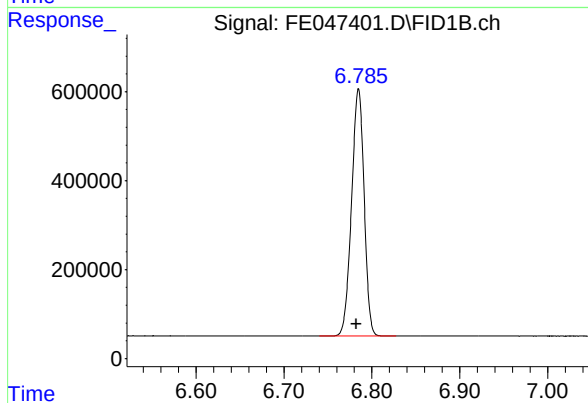
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 5292861
Conc: 35.51 ug/ml



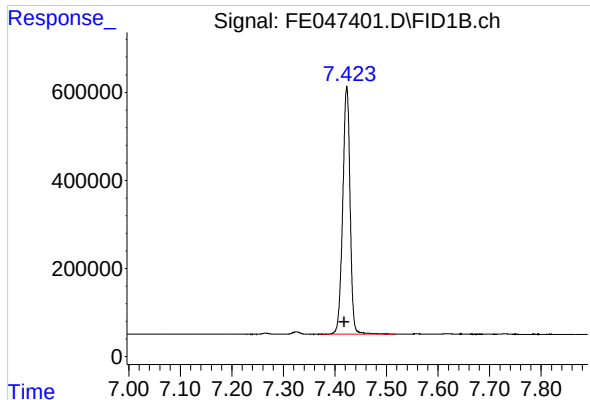
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 5604577
Conc: 36.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 5509139
Conc: 36.84 ug/ml



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

R.T.: 7.423 min
Delta R.T.: 0.005 min
Response: 5579652
Conc: 37.28 ug/ml

Instrument :

FID_E

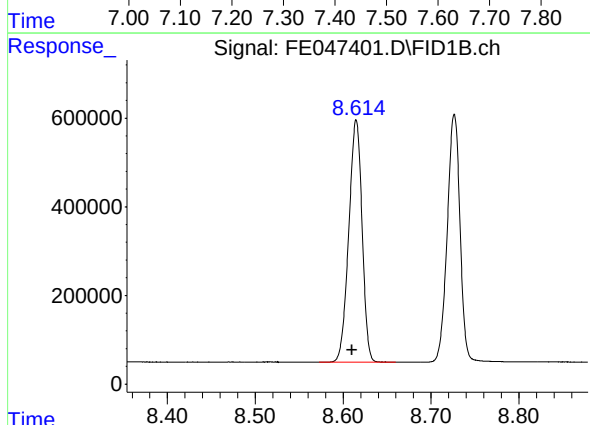
ClientSampleId :

PB159908BS

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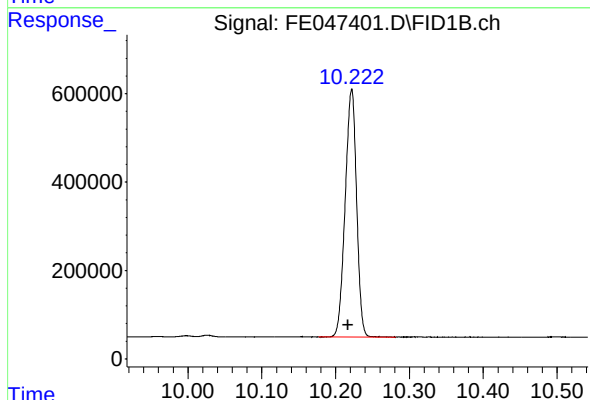
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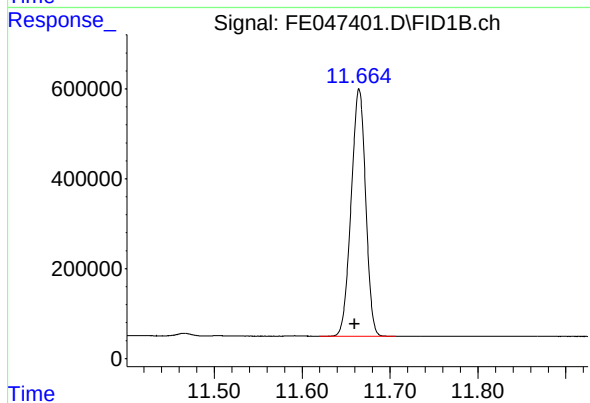
#6 n-Tetradecane (C14)

R.T.: 8.615 min
Delta R.T.: 0.005 min
Response: 5726012
Conc: 38.82 ug/ml



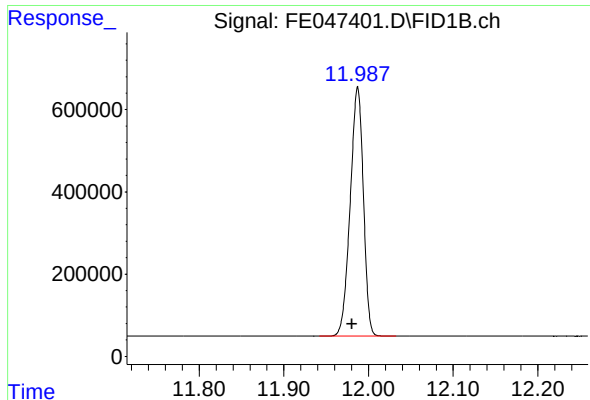
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.005 min
Response: 6022912
Conc: 39.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.005 min
Response: 6298435
Conc: 41.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.007 min
Response: 6532349
Conc: 41.71 ug/ml

Instrument :

FID_E

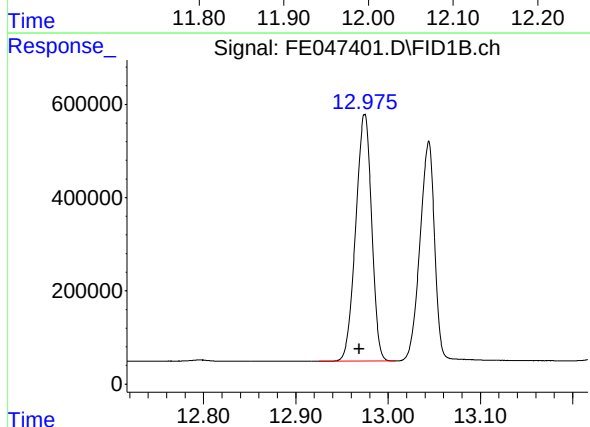
ClientSampleId :

PB159908BS

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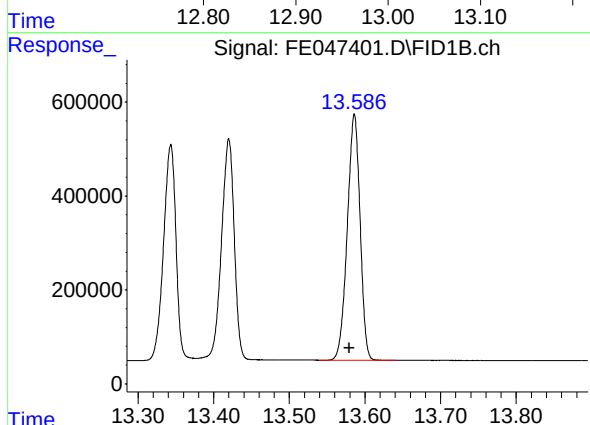
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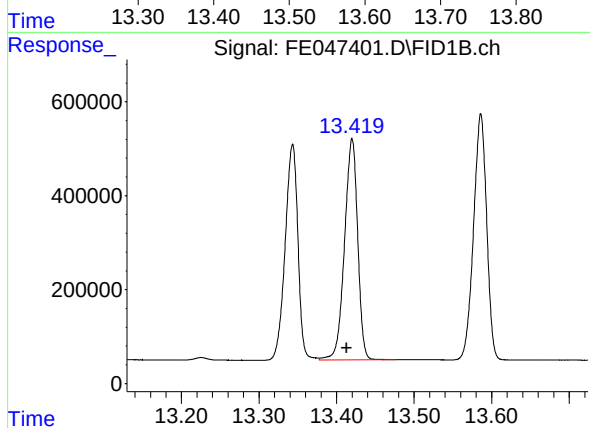
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.006 min
Response: 6336411
Conc: 43.55 ug/ml



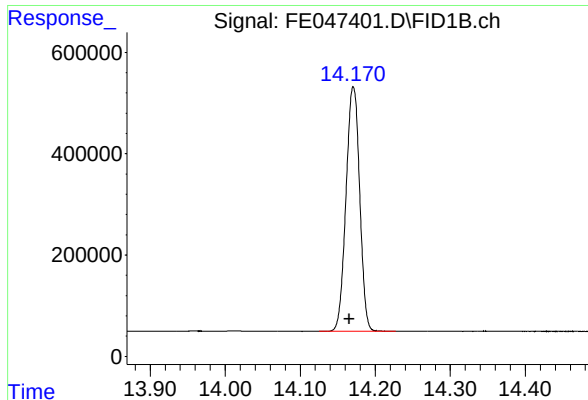
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.006 min
Response: 6156854
Conc: 43.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.007 min
Response: 5554654
Conc: 45.80 ug/ml



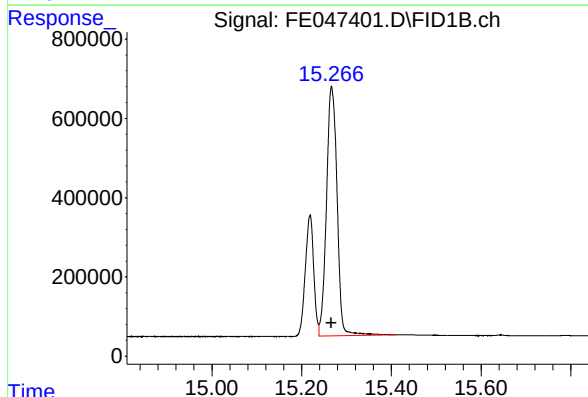
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: 0.005 min
Response: 6103915
Conc: 43.00 ug/ml

Instrument :
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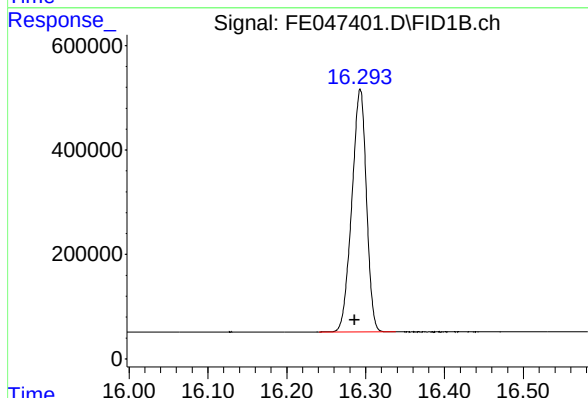
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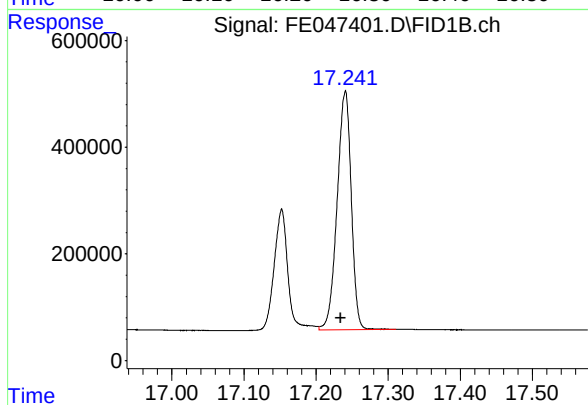
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 10347328
Conc: 73.40 ug/ml



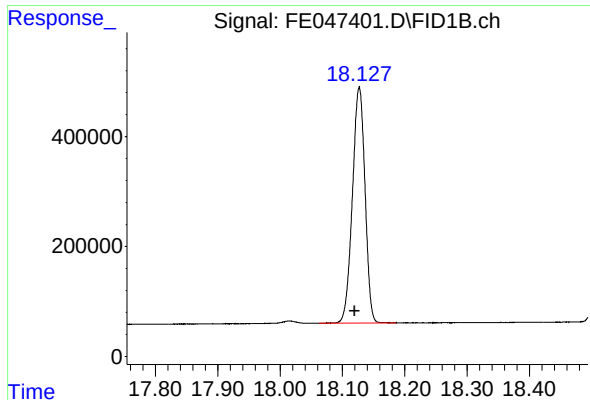
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.007 min
Response: 5981656
Conc: 43.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 6101853
Conc: 44.66 ug/ml



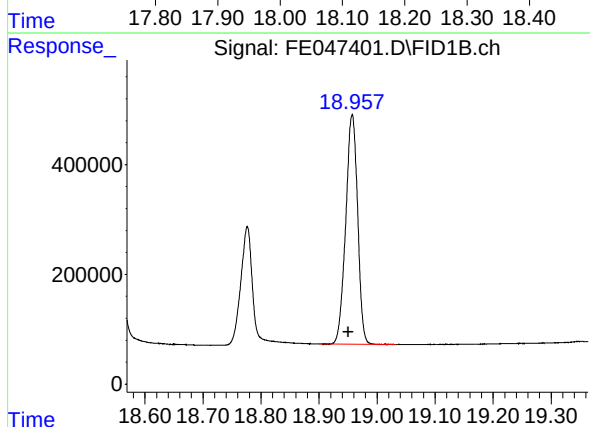
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.007 min
Response: 6026455
Conc: 43.40 ug/ml

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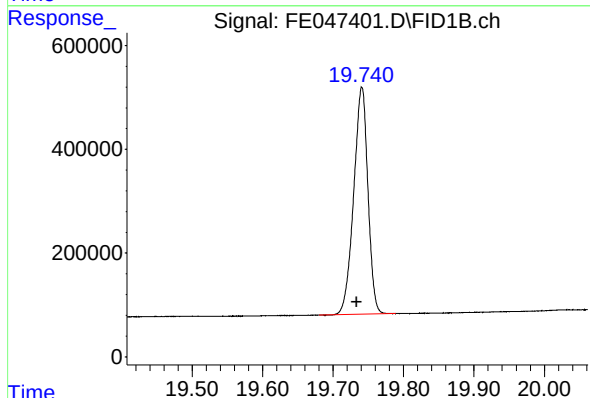
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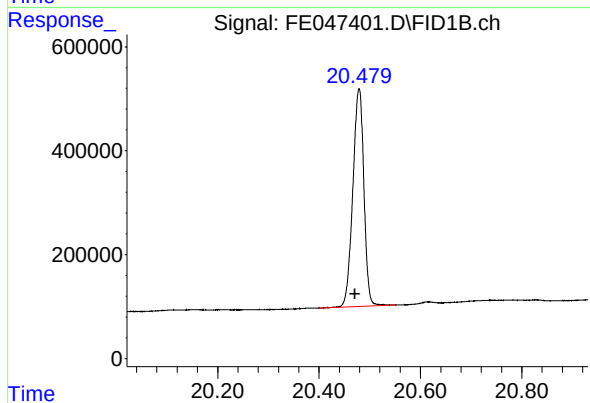
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.007 min
Response: 5967014
Conc: 43.26 ug/ml



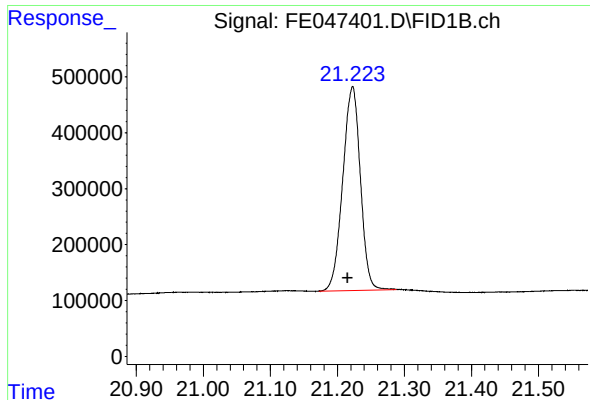
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.008 min
Response: 6139203
Conc: 44.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.008 min
Response: 6342265
Conc: 46.44 ug/ml



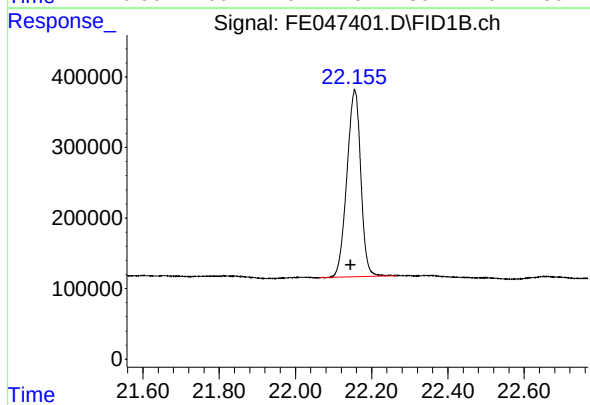
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.007 min
Response: 6668296
Conc: 48.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.010 min
Response: 6700117
Conc: 46.77 ug/ml