

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041164.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 18:33
 Operator : YP\AJ
 Sample : 02176-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-04-040323MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/05/2023

Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e

Quant Time: Apr 04 23:53:32 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.855	5542013	29.488 ug/ml
Spiked Amount 50.000		Recovery =	58.98%
12) S 1-chlorooctadecane (S...	13.303	52402594	364.211 ug/ml
Spiked Amount 50.000		Recovery =	728.42%
Target Compounds			
1) T n-Nonane (C9)	3.249	4205053	24.235 ug/ml
2) T n-Decane (C10)	4.498	4757612	27.950 ug/ml
3) T A~Naphthalene (C11.7)	6.199	5444087	29.764 ug/ml
4) T n-Dodecane (C12)	6.662	5463173	31.495 ug/ml
5) T A~2-methylnaphthalene...	7.295	5512935	33.288 ug/ml
6) T n-Tetradecane (C14)	8.491	6132714	35.172 ug/ml
7) T n-Hexadecane (C16)	10.097	6713608	37.748 ug/ml
8) T n-Octadecane (C18)	11.541	6774427	37.941 ug/ml
10) T n-Eicosane (C20)	12.852	6800244	39.867 ug/ml
11) T n-Heneicosane (C21)	13.465	6367360	37.636 ug/ml
13) T n-Docosane (C22)	14.050	6249408	37.764 ug/ml
14) T n-Tetracosane (C24)	15.149	12104841	74.820 ug/ml
15) T n-Hexacosane (C26)	16.178	5800557	37.419 ug/ml
16) T n-Octacosane (C28)	17.128	6153401	40.171 ug/ml
17) T n-Tricontane (C30)	18.020	6033070	39.469 ug/ml
18) T n-Dotriacontane (C32)	18.852	5895551	37.761 ug/ml
19) T n-Tetratriacontane (C34)	19.638	5888186	37.996 ug/ml
20) T n-Hexatriacontane (C36)	20.381	5960076	39.237 ug/mlm
21) T n-Octatriacontane (C38)	21.110	6104926	39.079 ug/ml
22) T n-Tetracontane (C40)	22.000	6418690	40.216 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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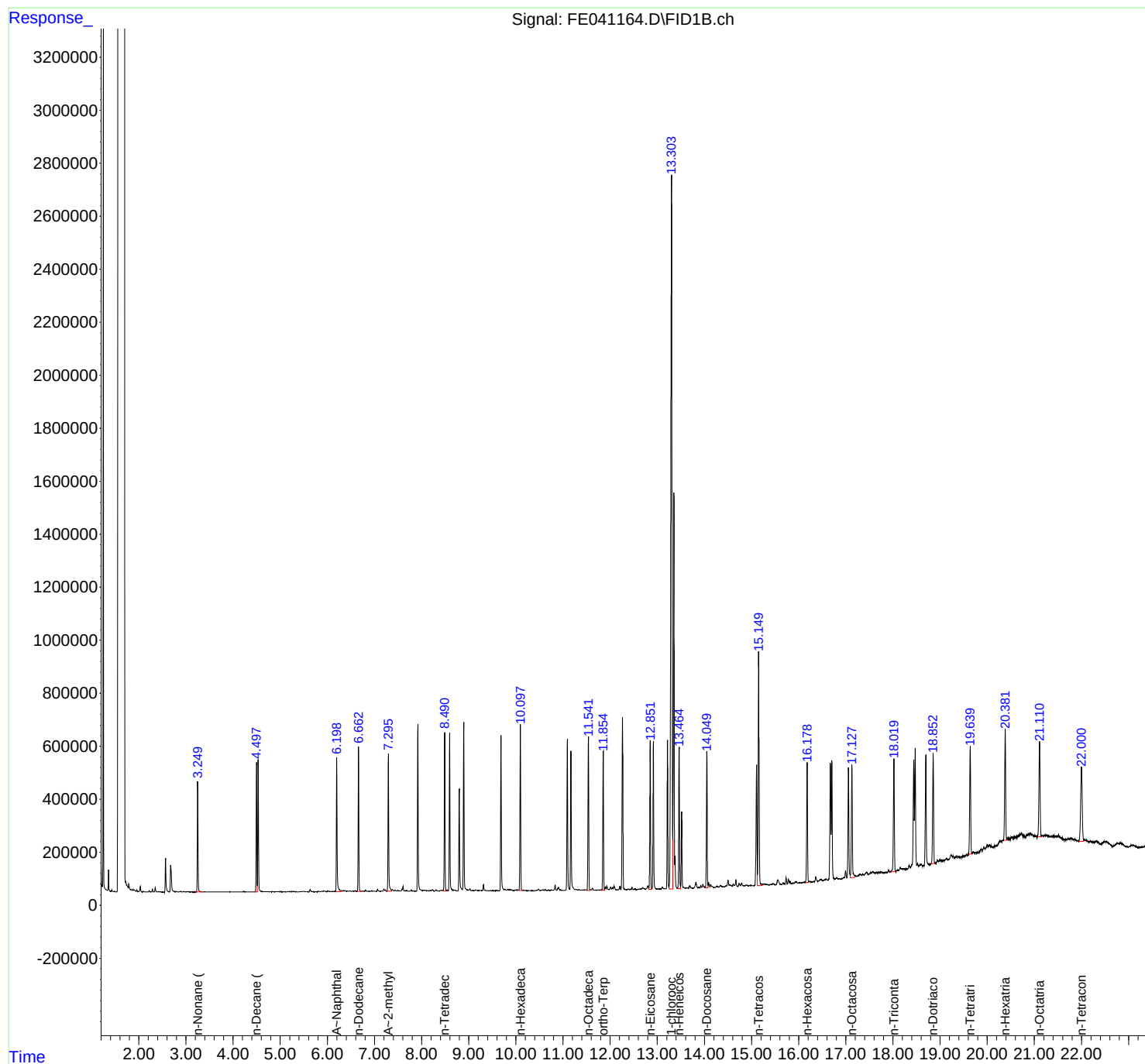
Instrument :
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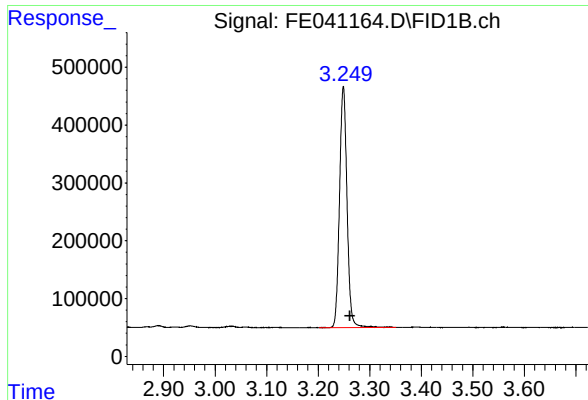
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Quant Title : GC Extractables
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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.013 min
Response: 4205053
Conc: 24.23 ug/ml

Instrument :

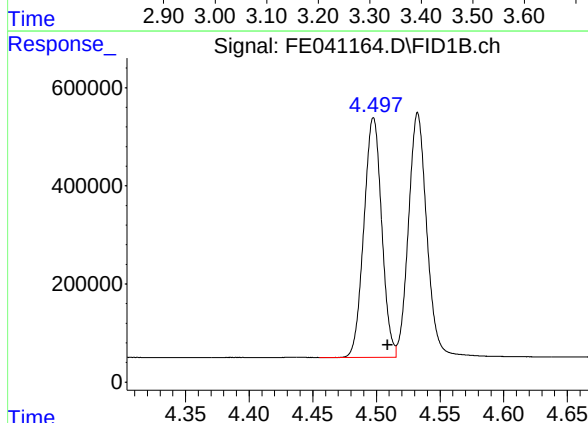
FID_E

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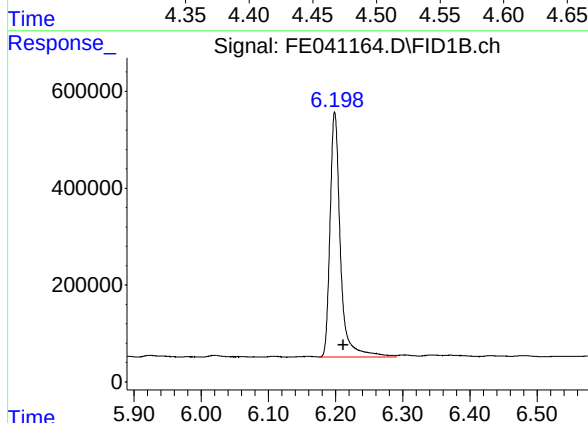
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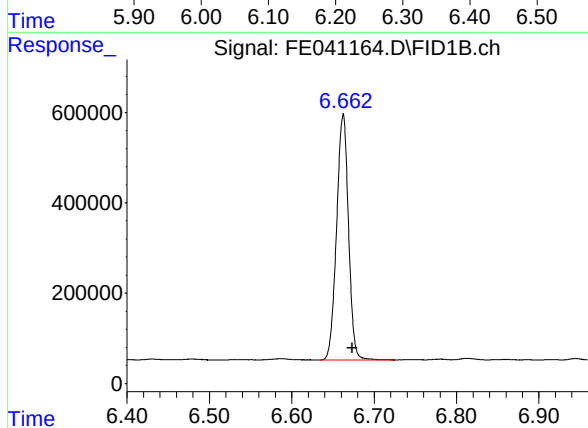
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.011 min
Response: 4757612
Conc: 27.95 ug/ml



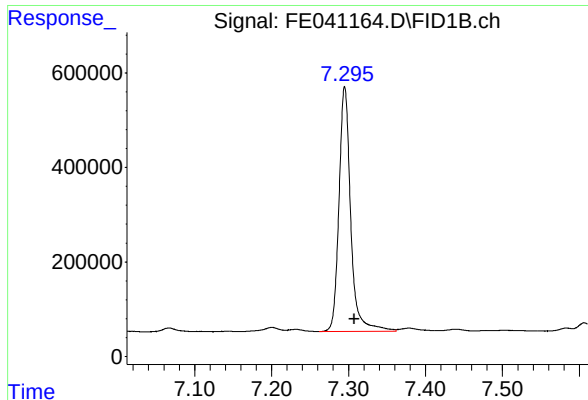
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.013 min
Response: 5444087
Conc: 29.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.011 min
Response: 5463173
Conc: 31.50 ug/ml



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

R.T.: 7.295 min
Delta R.T.: -0.012 min
Response: 5512935
Conc: 33.29 ug/ml

Instrument :

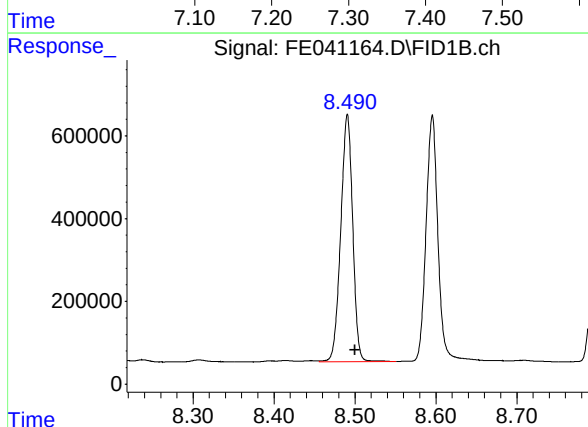
FID_E

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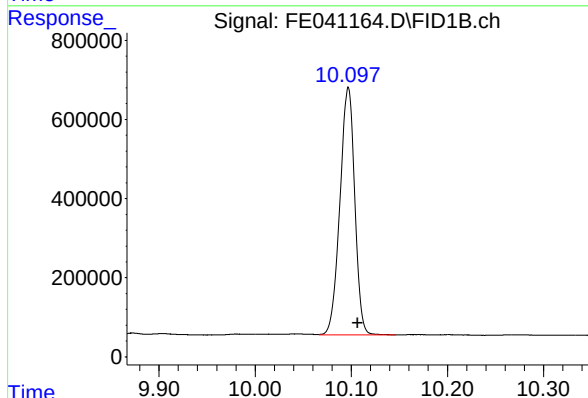
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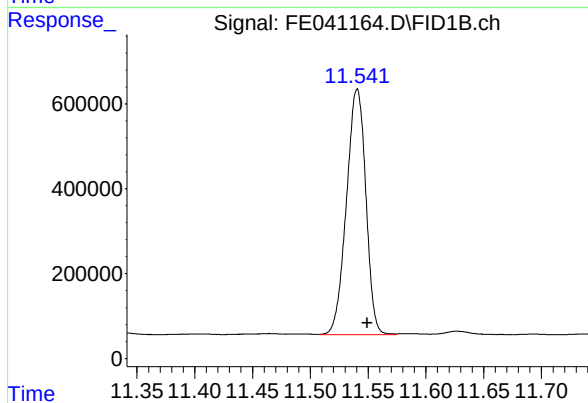
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 6132714
Conc: 35.17 ug/ml



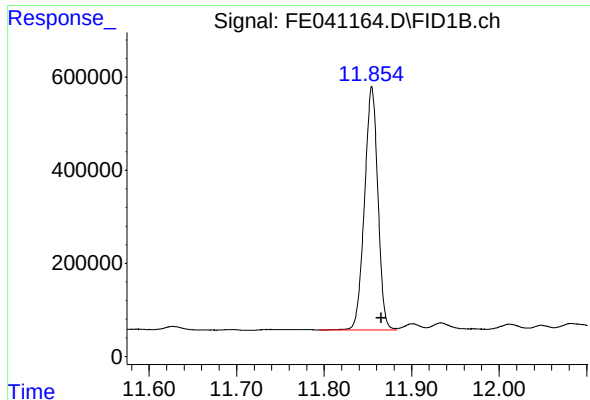
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.010 min
Response: 6713608
Conc: 37.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.009 min
Response: 6774427
Conc: 37.94 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.010 min
Response: 5542013
Conc: 29.49 ug/ml

Instrument :

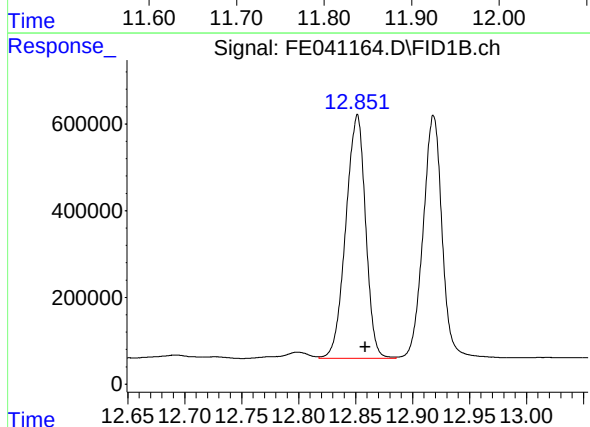
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ClientSampleId :

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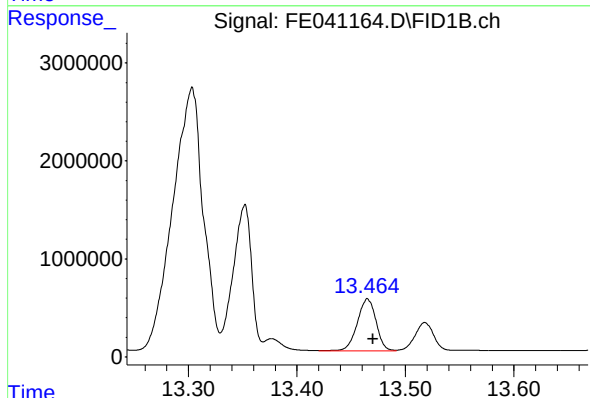
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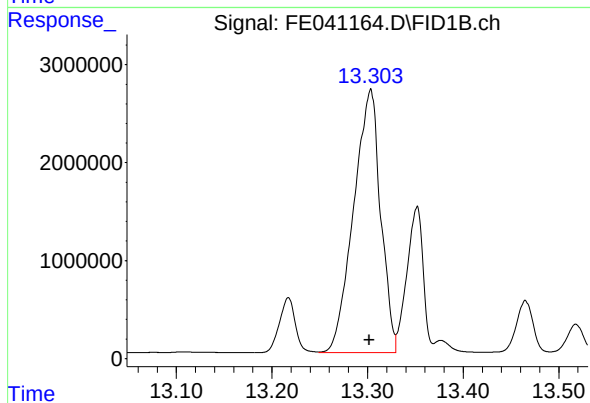
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.007 min
Response: 6800244
Conc: 39.87 ug/ml



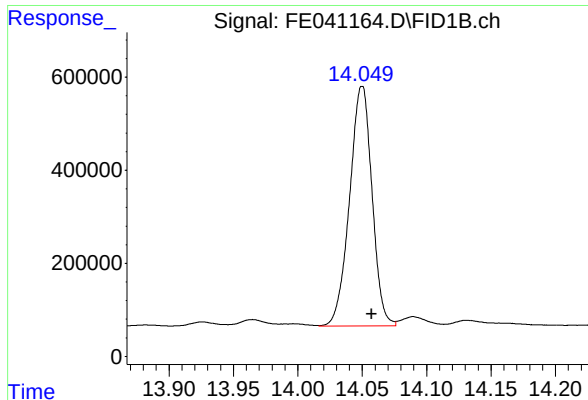
#11 n-Heneicosane (C21)

R.T.: 13.465 min
Delta R.T.: -0.005 min
Response: 6367360
Conc: 37.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.001 min
Response: 52402594
Conc: 364.21 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: -0.007 min
Response: 6249408
Conc: 37.76 ug/ml

Instrument :

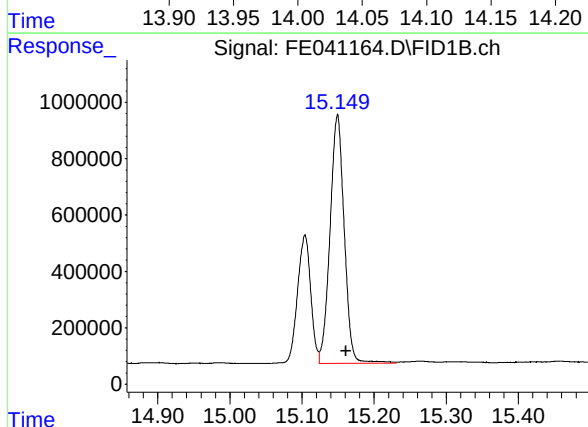
FID_E

ClientSampleId :

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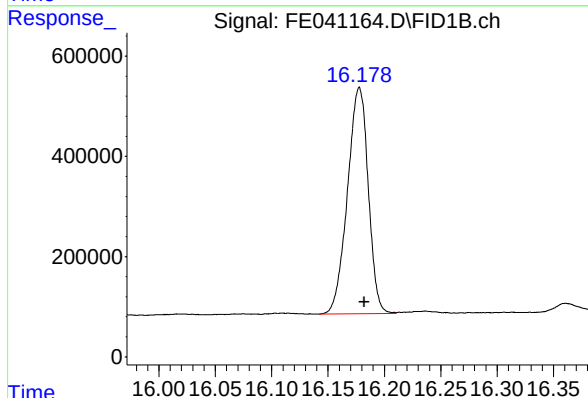
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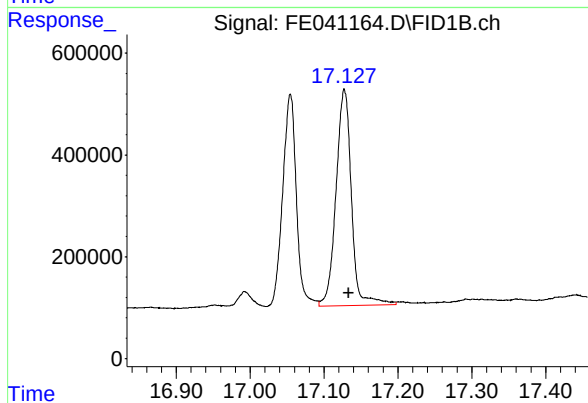
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.011 min
Response: 12104841
Conc: 74.82 ug/ml



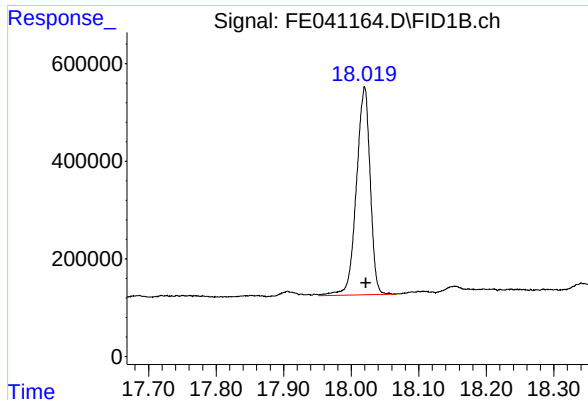
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: -0.004 min
Response: 5800557
Conc: 37.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.128 min
Delta R.T.: -0.006 min
Response: 6153401
Conc: 40.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 6033070
Conc: 39.47 ug/ml

Instrument :

FID_E

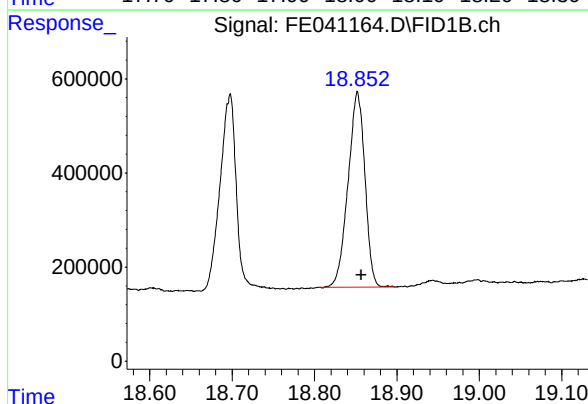
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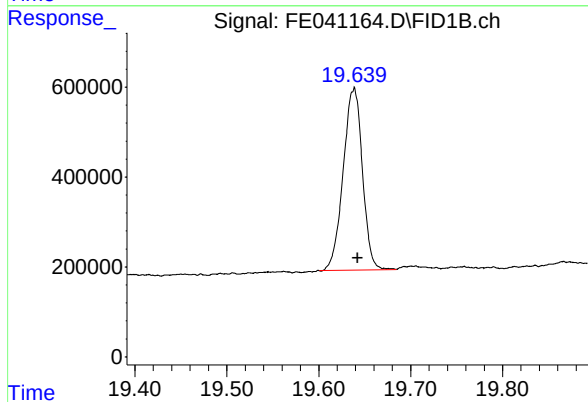
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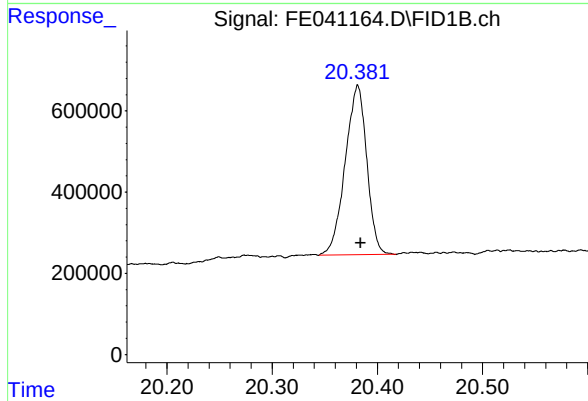
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.005 min
Response: 5895551
Conc: 37.76 ug/ml



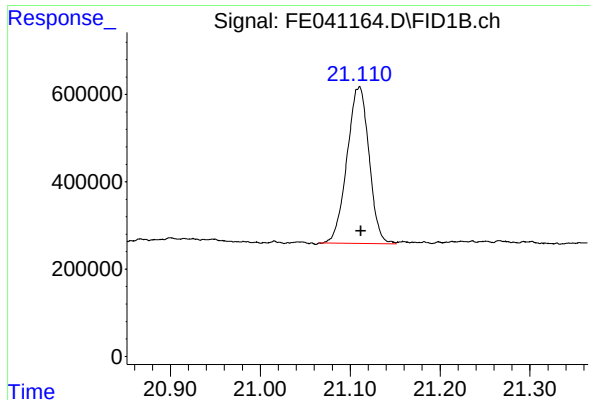
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.004 min
Response: 5888186
Conc: 38.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 5960076
Conc: 39.24 ug/ml m



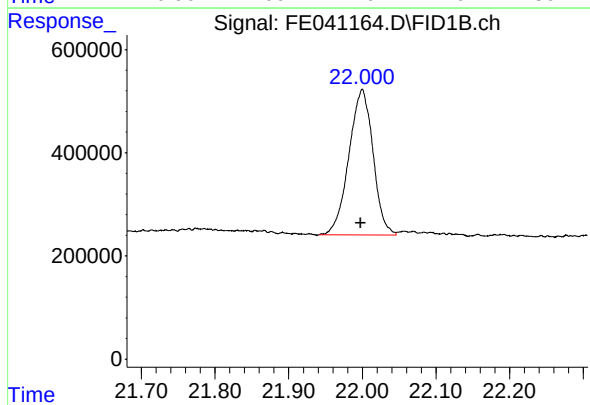
#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 6104926
Conc: 39.08 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: 0.002 min
Response: 6418690
Conc: 40.22 ug/ml m