

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041159.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 15:56
 Operator : YP\AJ
 Sample : PB151888BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB151888BSD

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 23:52:48 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)	11.852	6358147	33.831 ug/ml
Spiked Amount 50.000		Recovery =	67.66%
12) S 1-chlorooctadecane (S...	13.293	5250669	36.493 ug/ml
Spiked Amount 50.000		Recovery =	72.99%
Target Compounds			
1) T n-Nonane (C9)	3.256	5875601	33.863 ug/ml
2) T n-Decane (C10)	4.501	6100300	35.838 ug/ml
3) T A~Naphthalene (C11.7)	6.199	6617676	36.180 ug/ml
4) T n-Dodecane (C12)	6.662	6420502	37.014 ug/ml
5) T A~2-methylnaphthalene...	7.294	6271908	37.871 ug/ml
6) T n-Tetradecane (C14)	8.490	6429563	36.874 ug/ml
7) T n-Hexadecane (C16)	10.096	6613966	37.188 ug/ml
8) T n-Octadecane (C18)	11.538	6539925	36.628 ug/ml
10) T n-Eicosane (C20)	12.848	6430556	37.700 ug/ml
11) T n-Heneicosane (C21)	13.461	6133256	36.252 ug/ml
13) T n-Docosane (C22)	14.048	6023673	36.400 ug/ml
14) T n-Tetracosane (C24)	15.145	11596687	71.679 ug/ml
15) T n-Hexacosane (C26)	16.175	5718236	36.888 ug/ml
16) T n-Octacosane (C28)	17.125	5769335	37.663 ug/ml
17) T n-Tricontane (C30)	18.016	5647788	36.949 ug/ml
18) T n-Dotriacontane (C32)	18.847	5572429	35.691 ug/ml
19) T n-Tetratriacontane (C34)	19.633	5545286	35.783 ug/ml
20) T n-Hexatriacontane (C36)	20.374	5610282	36.934 ug/ml
21) T n-Octatriacontane (C38)	21.101	5767584	36.920 ug/mlm
22) T n-Tetracontane (C40)	21.986	5978240	37.457 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB151888BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

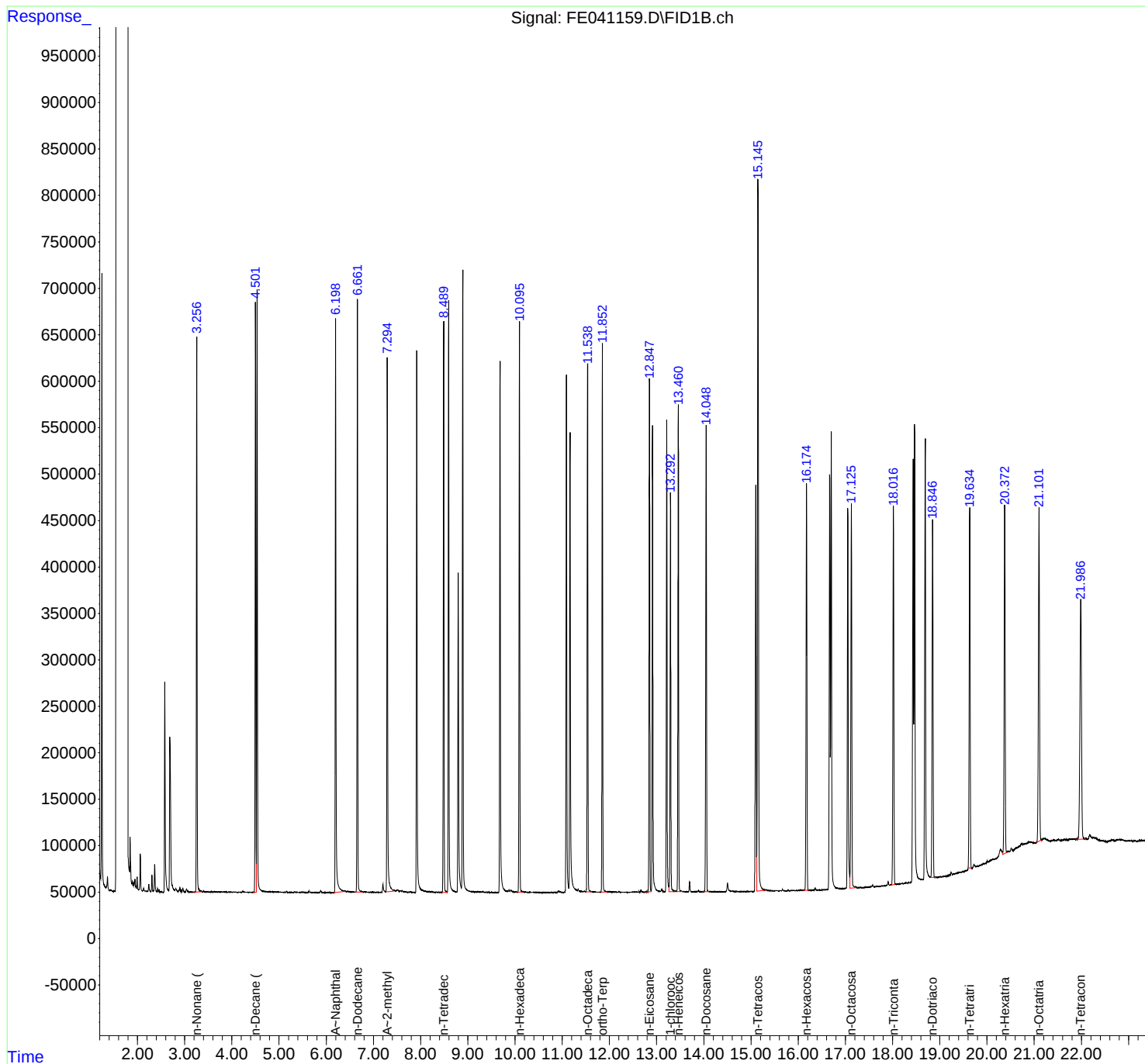
Instrument :
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ClientSampleId :
PB151888BSD

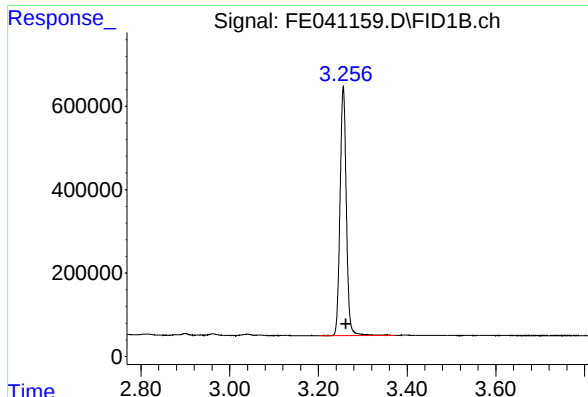
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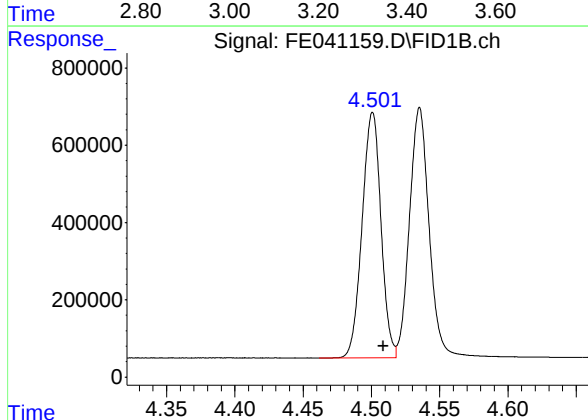
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.006 min
Response: 5875601
Conc: 33.86 ug/ml

Instrument :
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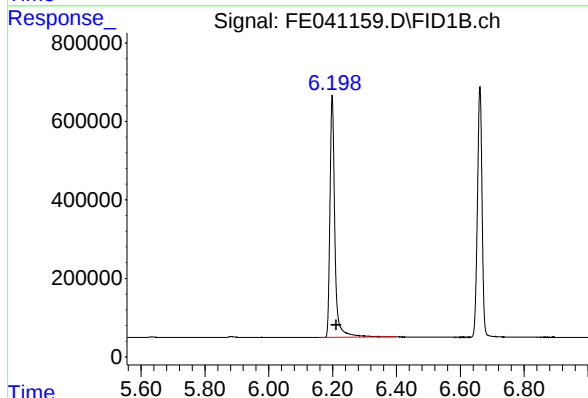
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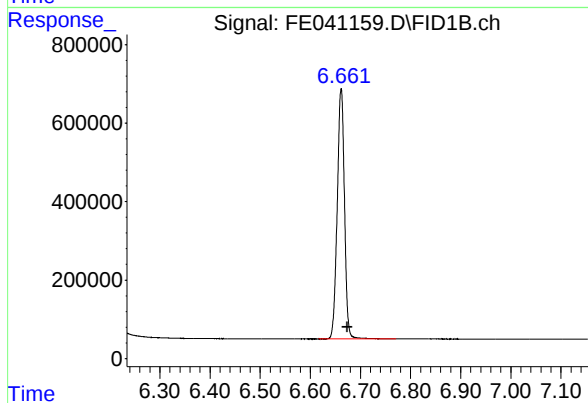
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.008 min
Response: 6100300
Conc: 35.84 ug/ml



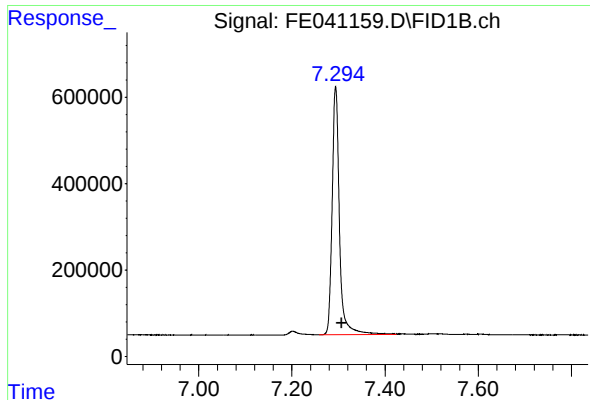
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.013 min
Response: 6617676
Conc: 36.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.012 min
Response: 6420502
Conc: 37.01 ug/ml



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

R.T.: 7.294 min
Delta R.T.: -0.013 min
Response: 6271908
Conc: 37.87 ug/ml

Instrument :

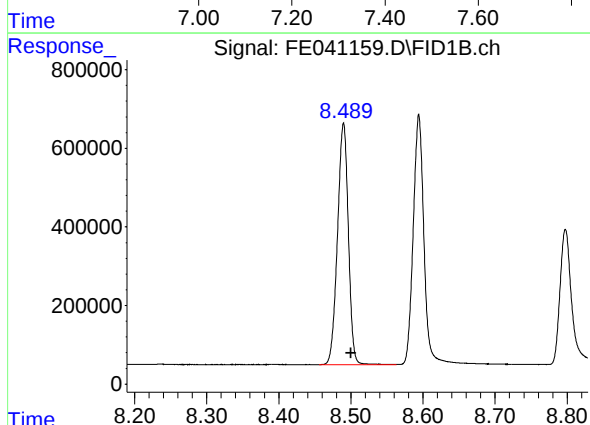
FID_E

ClientSampleId :

PB151888BSD

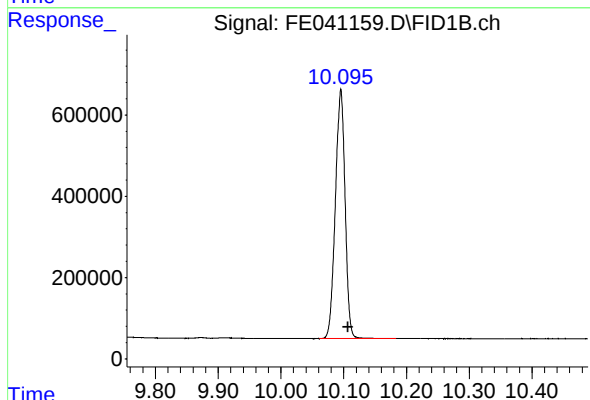
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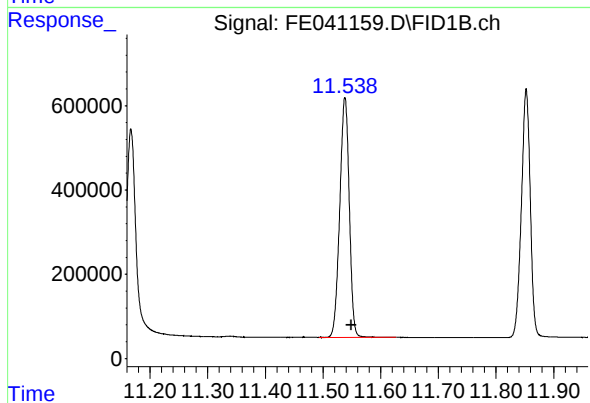
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.010 min
Response: 6429563
Conc: 36.87 ug/ml



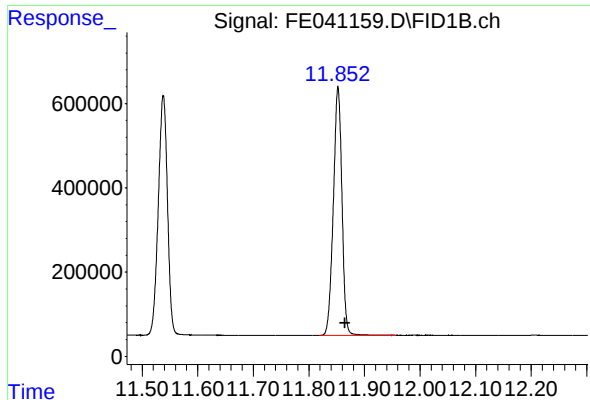
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.011 min
Response: 6613966
Conc: 37.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.538 min
Delta R.T.: -0.011 min
Response: 6539925
Conc: 36.63 ug/ml



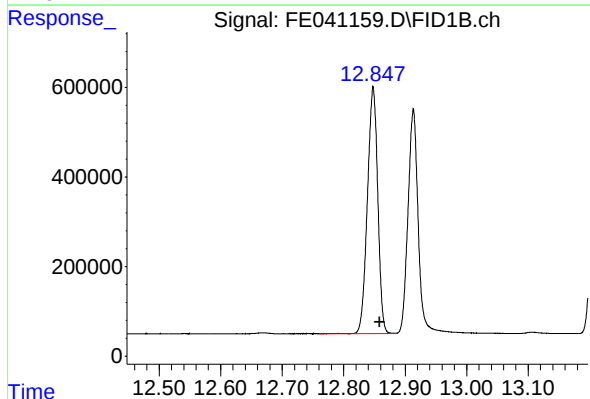
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: -0.013 min
Response: 6358147
Conc: 33.83 ug/ml

Instrument :
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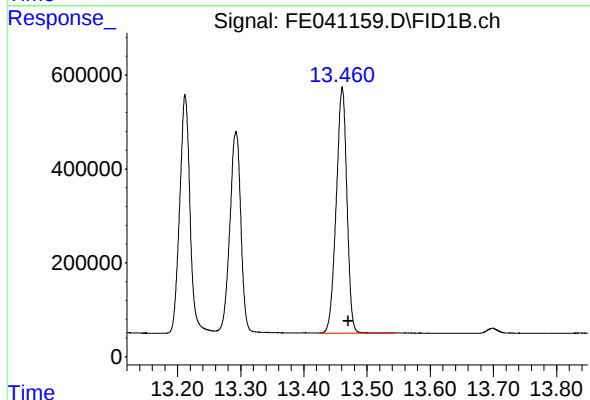
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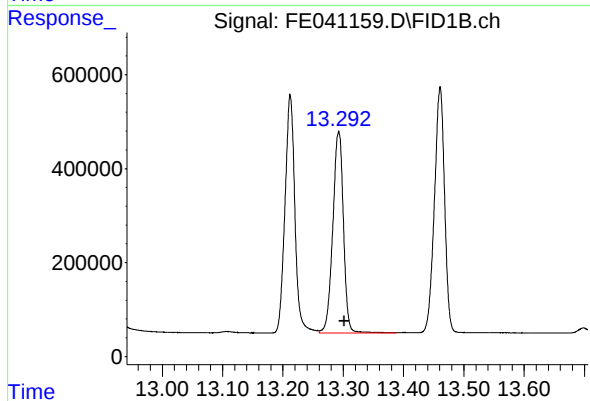
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.010 min
Response: 6430556
Conc: 37.70 ug/ml



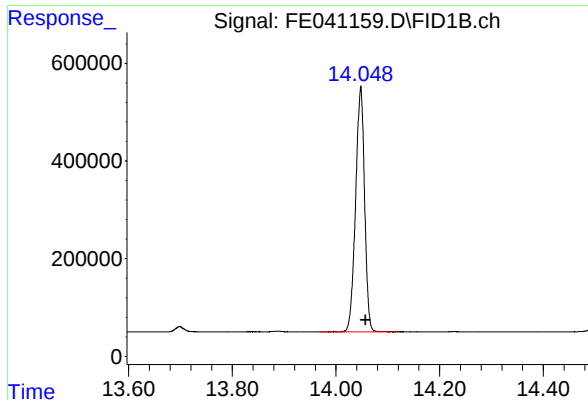
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.009 min
Response: 6133256
Conc: 36.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 5250669
Conc: 36.49 ug/ml



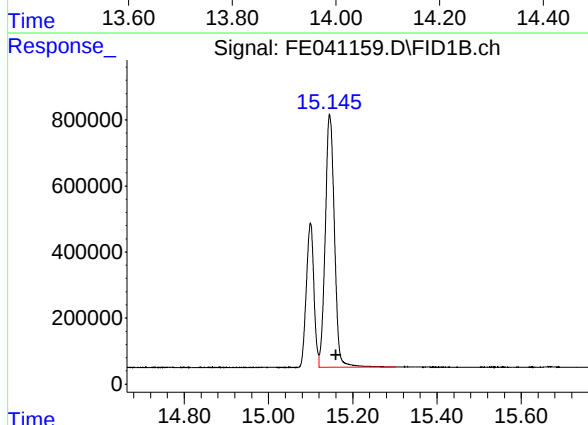
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.009 min
Response: 6023673
Conc: 36.40 ug/ml

Instrument :
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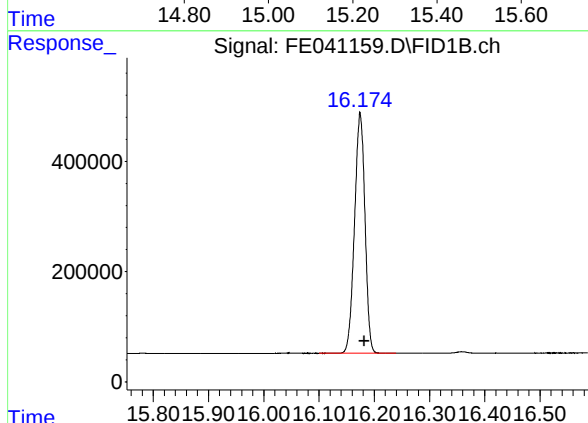
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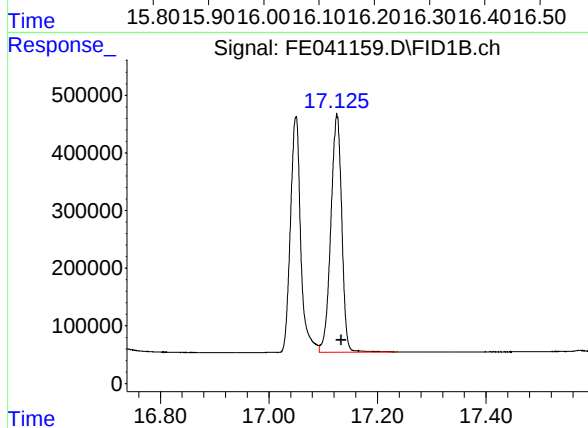
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.016 min
Response: 11596687
Conc: 71.68 ug/ml



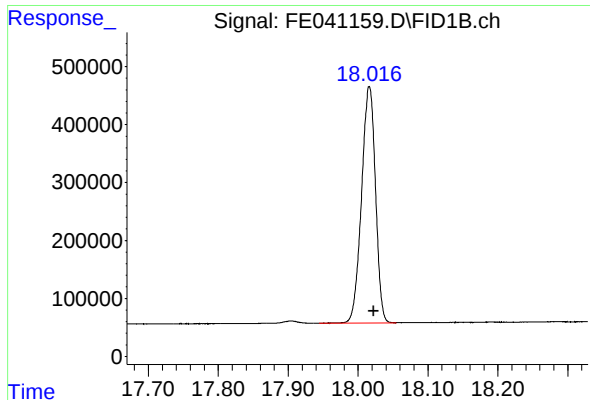
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.007 min
Response: 5718236
Conc: 36.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.008 min
Response: 5769335
Conc: 37.66 ug/ml



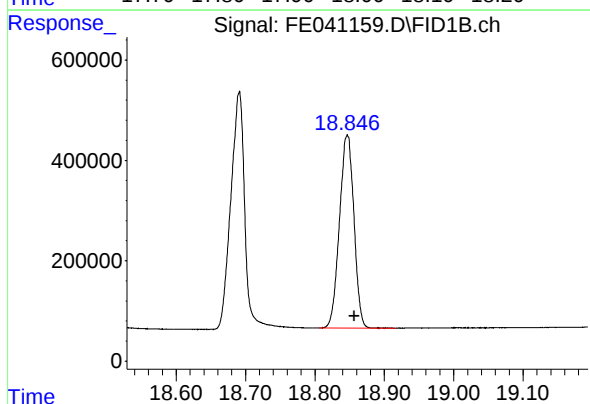
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.006 min
Response: 5647788
Conc: 36.95 ug/ml

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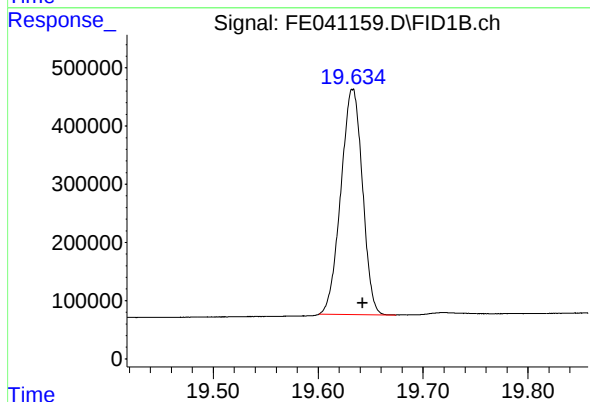
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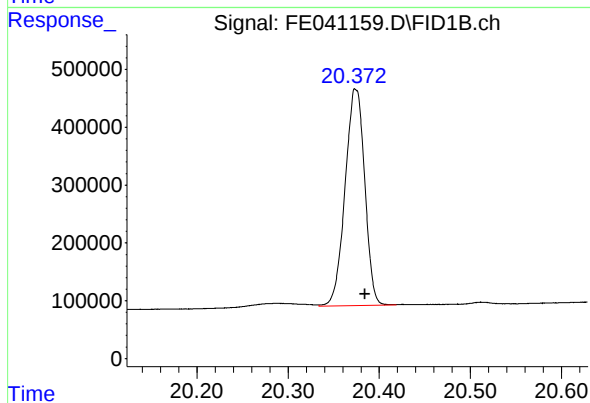
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.010 min
Response: 5572429
Conc: 35.69 ug/ml



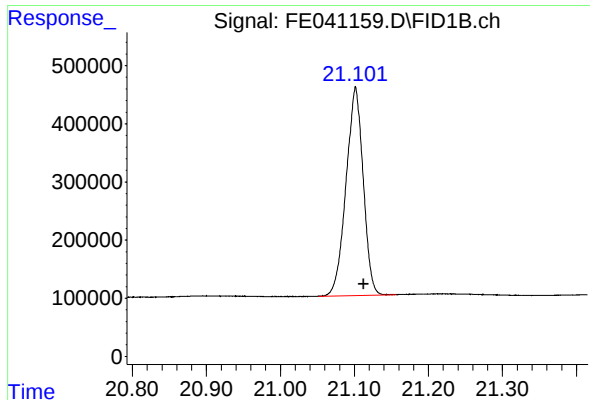
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.009 min
Response: 5545286
Conc: 35.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.010 min
Response: 5610282
Conc: 36.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.011 min
Response: 5767584
Conc: 36.92 ug/ml

Instrument :

FID_E

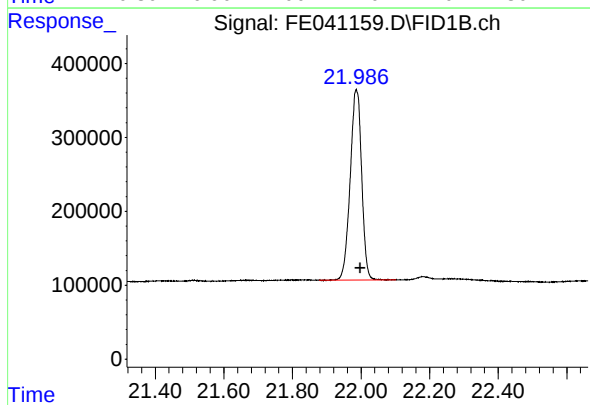
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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.012 min
Response: 5978240
Conc: 37.46 ug/ml