

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037442.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 17:09
 Operator : YP\AJ
 Sample : PB147510BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147510BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 03:04:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.645	6836197	40.453 ug/ml
Spiked Amount 50.000		Recovery =	80.91%
12) S 1-chlorooctadecane (S...	13.069	5507707	42.795 ug/ml
Spiked Amount 50.000		Recovery =	85.59%
Target Compounds			
1) T n-Nonane (C9)	3.050	6388785	41.755 ug/ml
2) T n-Decane (C10)	4.302	6674926	43.294 ug/ml
3) T A~Naphthalene (C11.7)	6.010	6989507	48.514 ug/ml
4) T n-Dodecane (C12)	6.468	7123045	45.045 ug/ml
5) T A~2-methylnaphthalene...	7.102	6904785	49.456 ug/ml
6) T n-Tetradecane (C14)	9.887	7157466	45.171 ug/ml
7) T n-Hexadecane (C16)	9.887	7157466	45.171 ug/ml
8) T n-Octadecane (C18)	11.324	7155652	44.935 ug/ml
10) T n-Eicosane (C20)	12.627	6876209	43.460 ug/ml
11) T n-Heneicosane (C21)	13.235	6775187	42.965 ug/ml
13) T n-Docosane (C22)	13.819	6659971	42.783 ug/ml
14) T n-Tetracosane (C24)	14.916	12666973	84.220 ug/ml
15) T n-Hexacosane (C26)	15.934	6267759	43.285 ug/ml
16) T n-Octacosane (C28)	16.877	6290856	45.409 ug/ml
17) T n-Tricontane (C30)	17.762	6009320	44.176 ug/ml
18) T n-Dotriacontane (C32)	18.591	6062515	45.401 ug/ml
19) T n-Tetratriacontane (C34)	19.370	6093573	48.160 ug/ml
20) T n-Hexatriacontane (C36)	20.105	5947629	46.244 ug/ml
21) T n-Octatriacontane (C38)	20.805	6068054	48.755 ug/ml
22) T n-Tetracontane (C40)	21.589	6397374	49.625 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147510BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

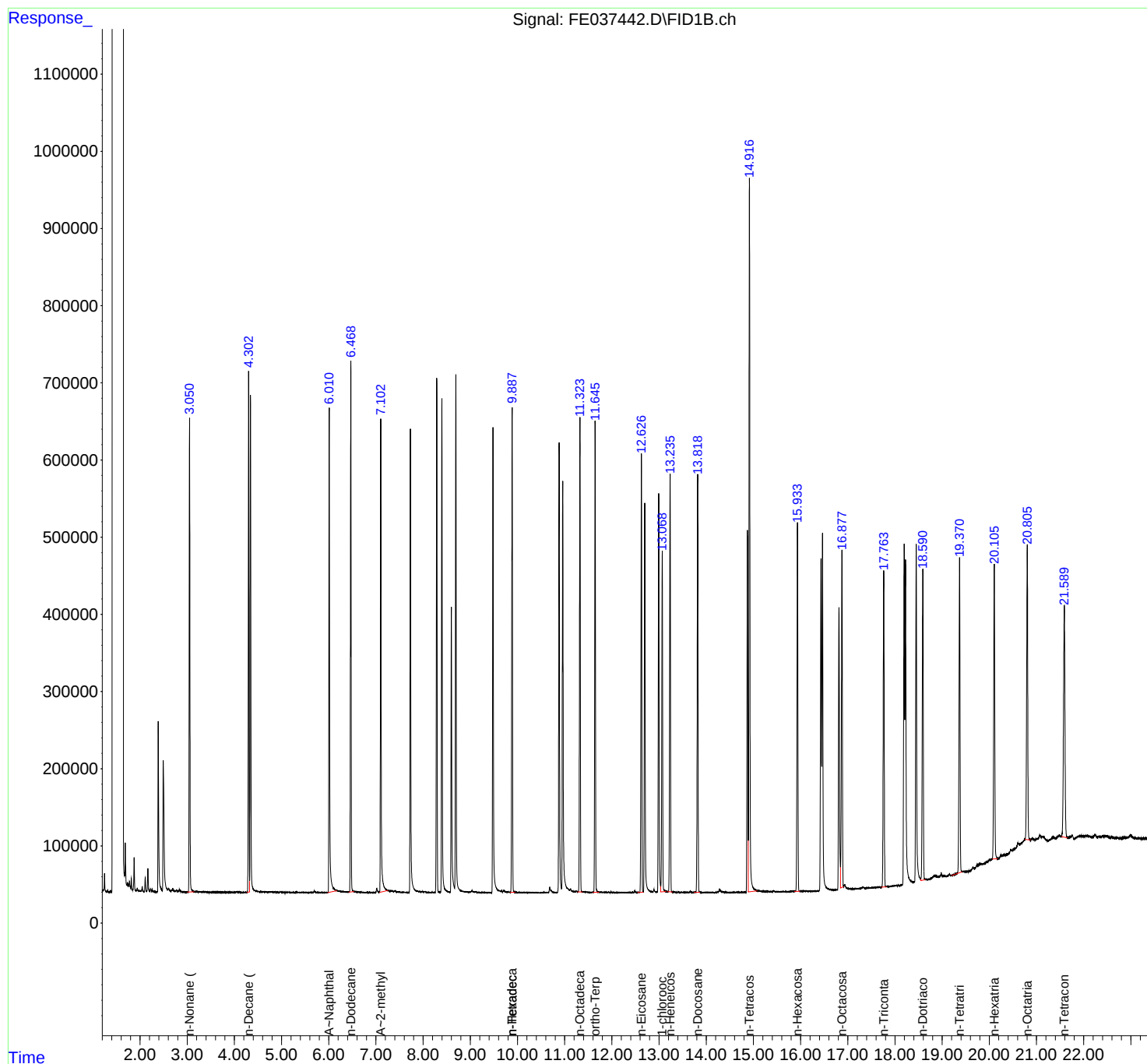
Instrument :
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PB147510BSD

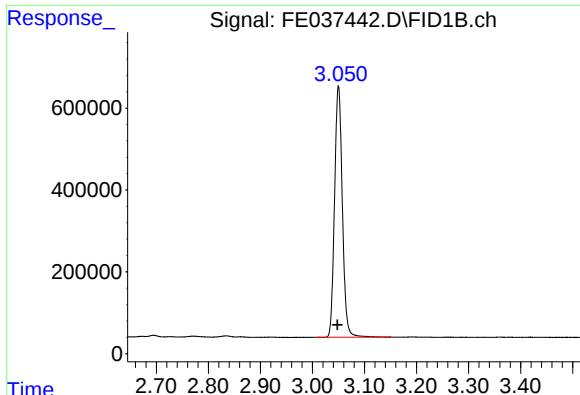
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.050 min
Delta R.T.: 0.002 min
Response: 6388785
Conc: 41.76 ug/ml

Instrument :

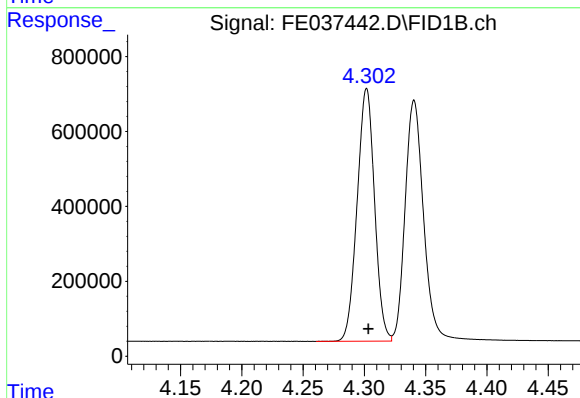
FID_E

ClientSampleId :

PB147510BSD

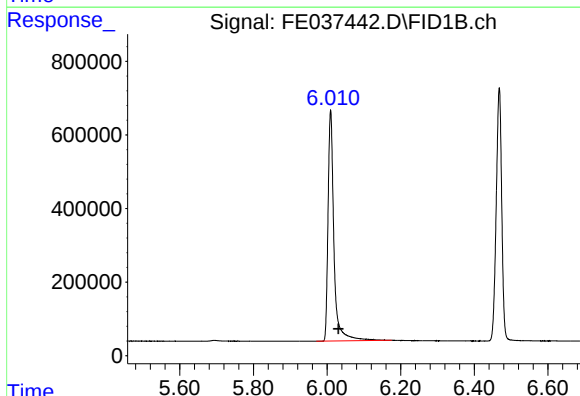
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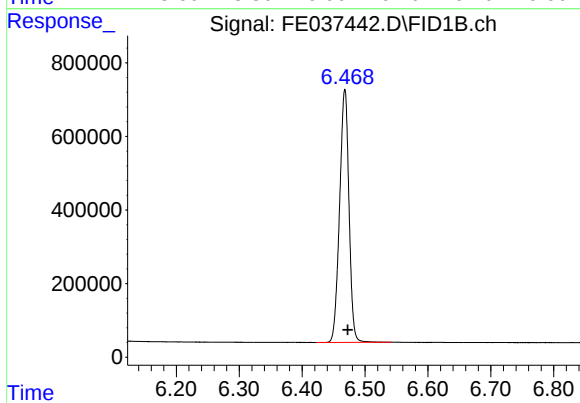
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 6674926
Conc: 43.29 ug/ml



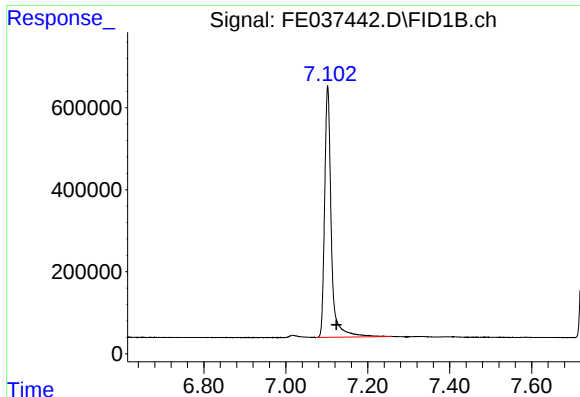
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.021 min
Response: 6989507
Conc: 48.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 7123045
Conc: 45.04 ug/ml



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

R.T.: 7.102 min
Delta R.T.: -0.021 min
Response: 6904785
Conc: 49.46 ug/ml

Instrument :

FID_E

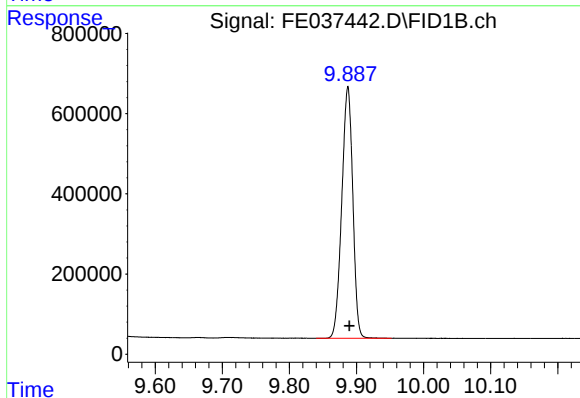
ClientSampleId :

PB147510BSD

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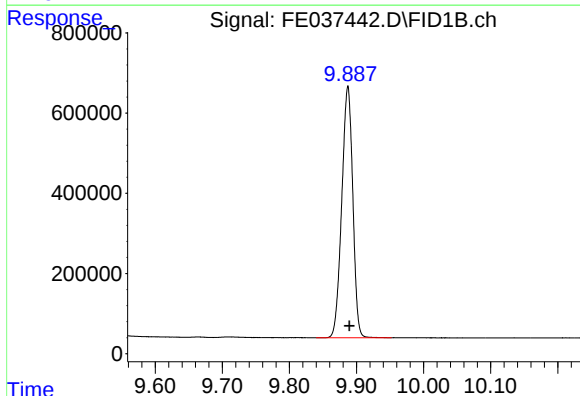
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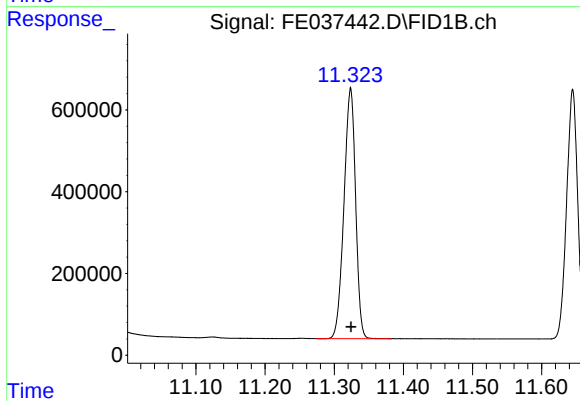
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 7157466
Conc: 45.17 ug/ml



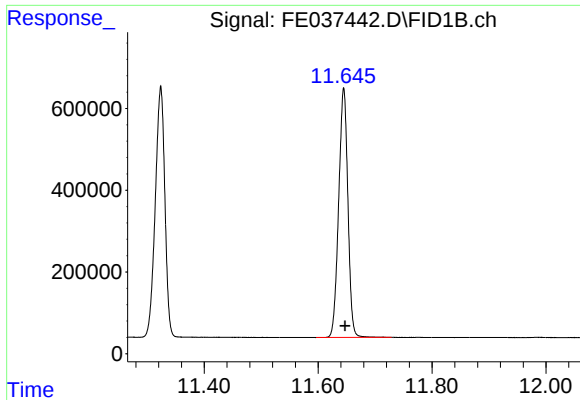
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 7157466
Conc: 45.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.000 min
Response: 7155652
Conc: 44.94 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 6836197
Conc: 40.45 ug/ml

Instrument :

FID_E

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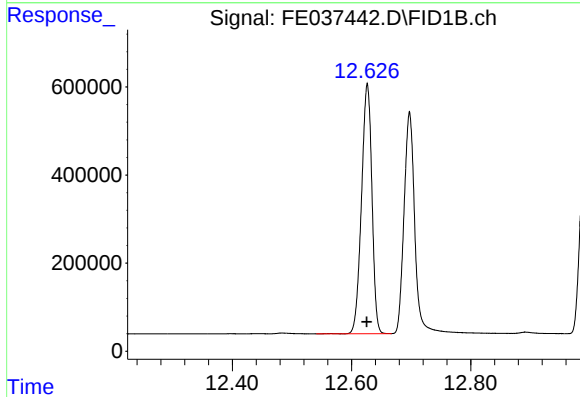
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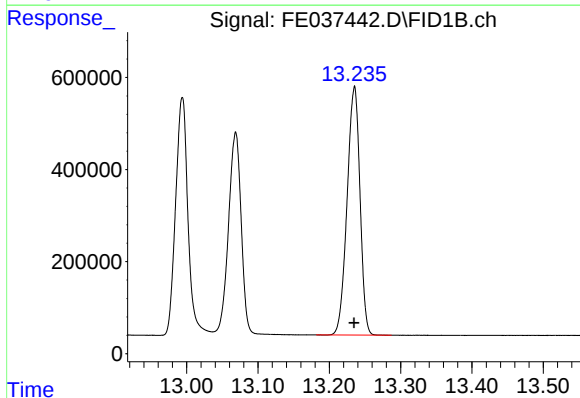
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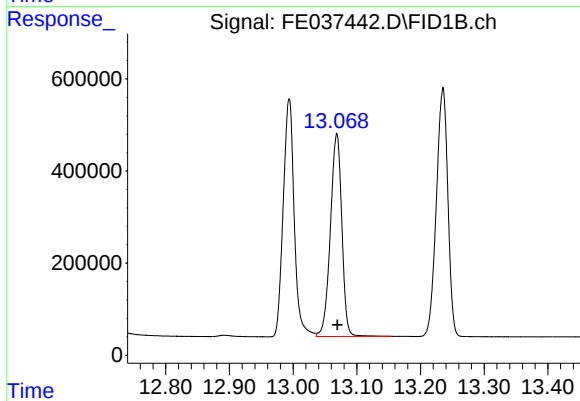
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: 0.001 min
Response: 6876209
Conc: 43.46 ug/ml



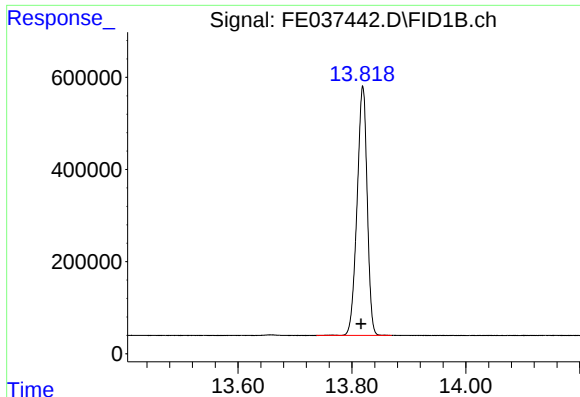
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 6775187
Conc: 42.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.069 min
Delta R.T.: -0.001 min
Response: 5507707
Conc: 42.80 ug/ml



#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: 0.003 min
Response: 6659971
Conc: 42.78 ug/ml

Instrument :

FID_E

ClientSampleId :

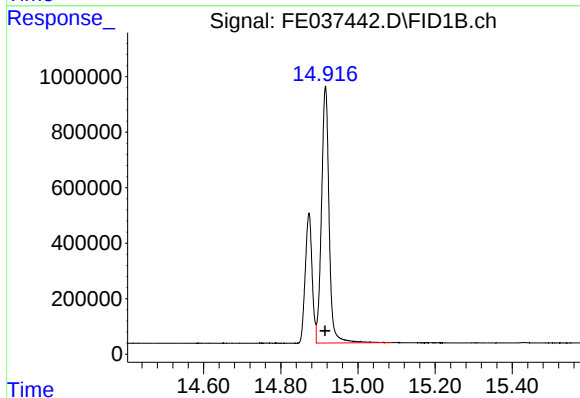
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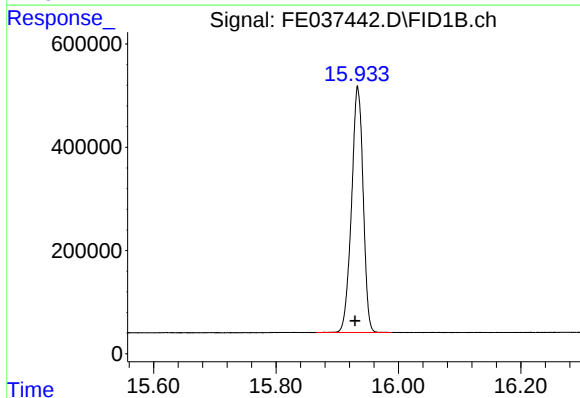
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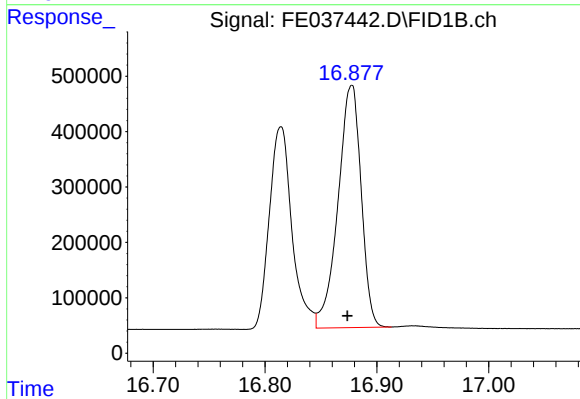
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: 0.001 min
Response: 12666973
Conc: 84.22 ug/ml



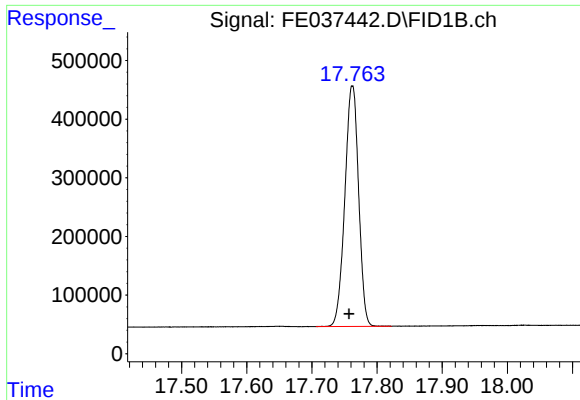
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: 0.004 min
Response: 6267759
Conc: 43.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.877 min
Delta R.T.: 0.004 min
Response: 6290856
Conc: 45.41 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.762 min
Delta R.T.: 0.005 min
Response: 6009320
Conc: 44.18 ug/ml

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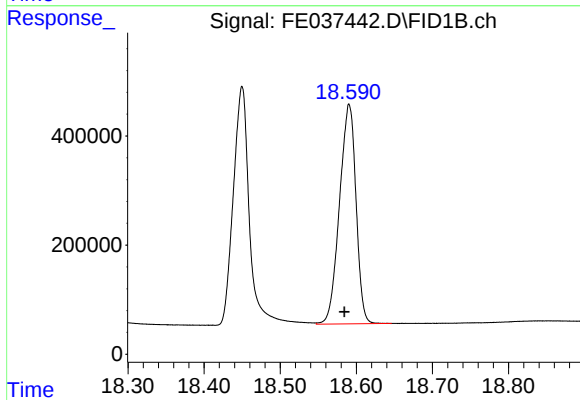
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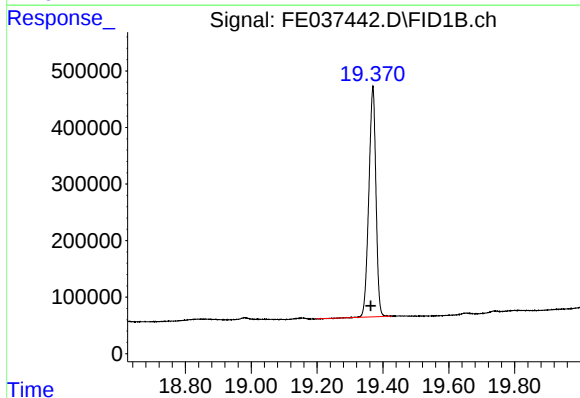
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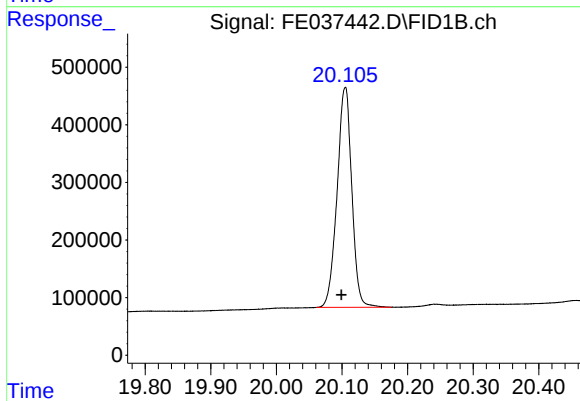
#18 n-Dotriacontane (C32)

R.T.: 18.591 min
Delta R.T.: 0.006 min
Response: 6062515
Conc: 45.40 ug/ml



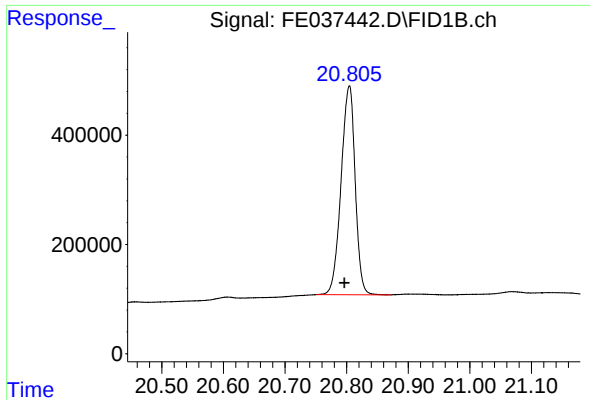
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: 0.006 min
Response: 6093573
Conc: 48.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.105 min
Delta R.T.: 0.006 min
Response: 5947629
Conc: 46.24 ug/ml



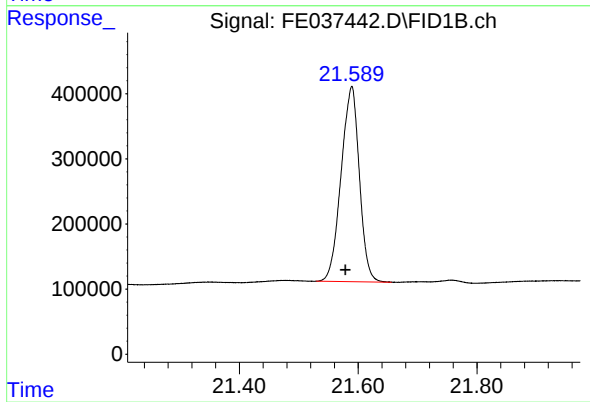
#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.008 min
Response: 6068054
Conc: 48.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.011 min
Response: 6397374
Conc: 49.62 ug/ml m