

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037383.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 16:07
 Operator : YP\AJ
 Sample : PB147403BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147403BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:20:14 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)	11.641	6583013	38.954 ug/ml
Spiked Amount 50.000		Recovery =	77.91%
12) S 1-chlorooctadecane (S...	13.062	5588271	43.421 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
Target Compounds			
1) T n-Nonane (C9)	3.060	6152752	40.213 ug/ml
2) T n-Decane (C10)	4.306	6235476	40.444 ug/ml
3) T A~Naphthalene (C11.7)	6.013	6336130	43.979 ug/ml
4) T n-Dodecane (C12)	6.467	6647300	42.036 ug/ml
5) T A~2-methylnaphthalene...	7.104	6031747	43.203 ug/ml
6) T n-Tetradecane (C14)	9.884	6581160	41.534 ug/ml
7) T n-Hexadecane (C16)	9.884	6581160	41.534 ug/ml
8) T n-Octadecane (C18)	11.318	6565773	41.231 ug/ml
10) T n-Eicosane (C20)	12.621	6290960	39.761 ug/ml
11) T n-Heneicosane (C21)	13.229	6246949	39.615 ug/ml
13) T n-Docosane (C22)	13.811	6114841	39.281 ug/ml
14) T n-Tetracosane (C24)	14.907	12067400	80.233 ug/ml
15) T n-Hexacosane (C26)	15.925	5843959	40.358 ug/ml
16) T n-Octacosane (C28)	16.866	6831296	49.310 ug/ml
17) T n-Tricontane (C30)	17.751	5690915	41.835 ug/ml
18) T n-Dotriacontane (C32)	18.577	5857069	43.862 ug/ml
19) T n-Tetratriacontane (C34)	19.356	5569759	44.020 ug/ml
20) T n-Hexatriacontane (C36)	20.091	5054986	39.304 ug/mlm
21) T n-Octatriacontane (C38)	20.789	4670554	37.527 ug/ml
22) T n-Tetracontane (C40)	21.567	4542800	35.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147403BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

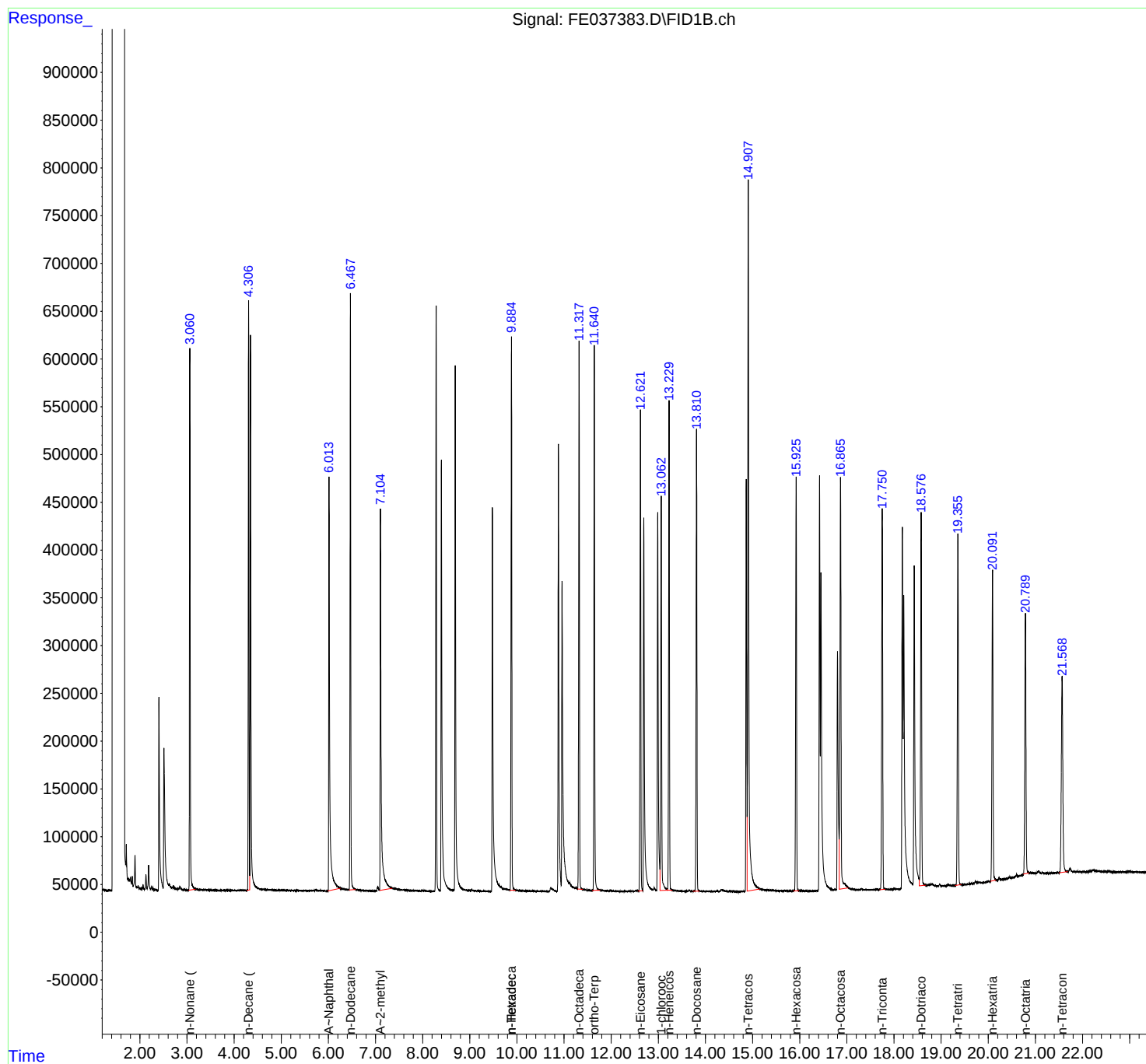
Instrument :
FID_E
ClientSampleId :
PB147403BSD

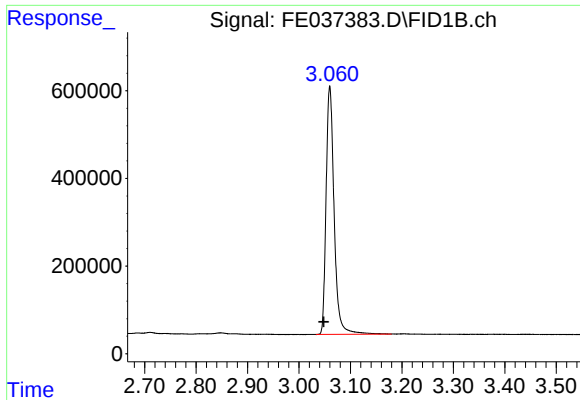
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.060 min
Delta R.T.: 0.012 min
Response: 6152752
Conc: 40.21 ug/ml

Instrument :

FID_E

ClientSampleId :

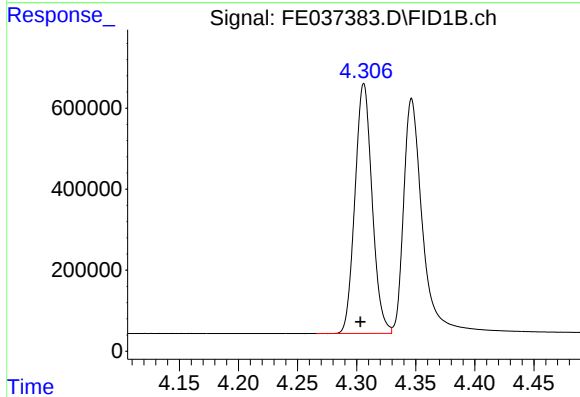
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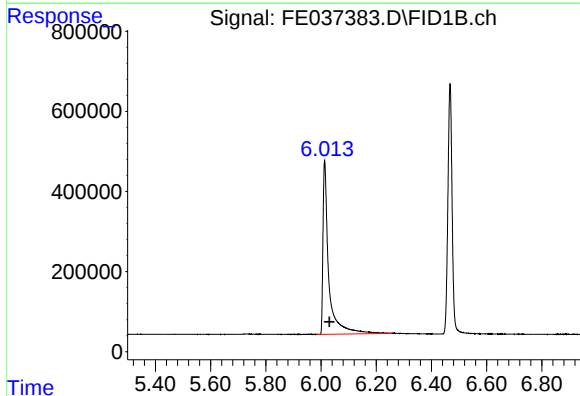
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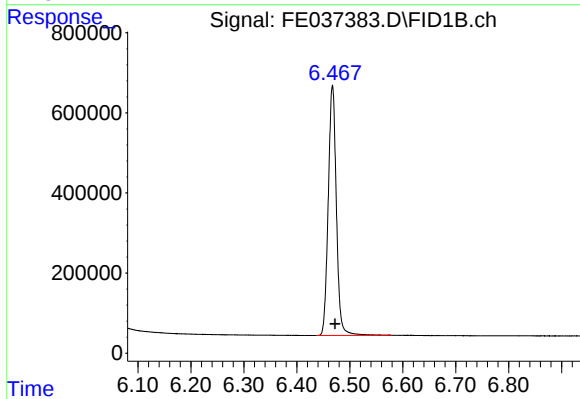
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.003 min
Response: 6235476
Conc: 40.44 ug/ml



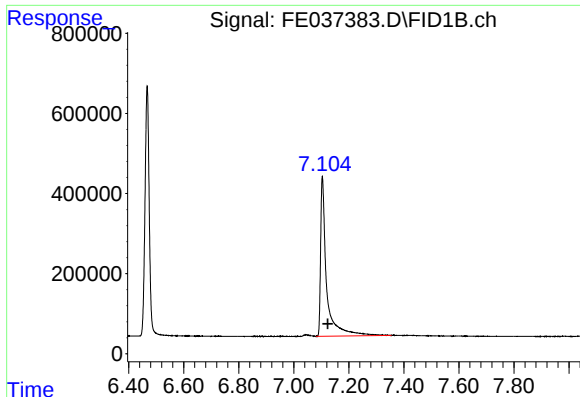
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.018 min
Response: 6336130
Conc: 43.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 6647300
Conc: 42.04 ug/ml



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

R.T.: 7.104 min
Delta R.T.: -0.019 min
Response: 6031747
Conc: 43.20 ug/ml

Instrument :

FID_E

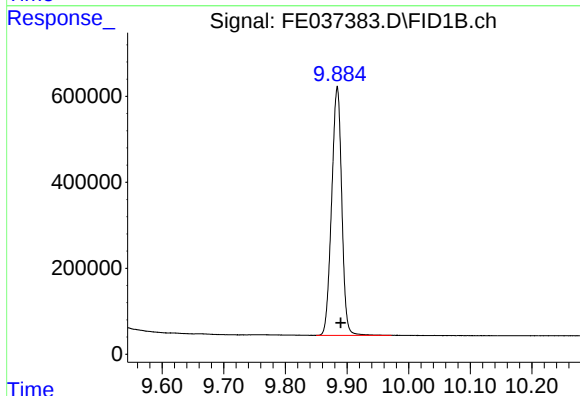
ClientSampleId :

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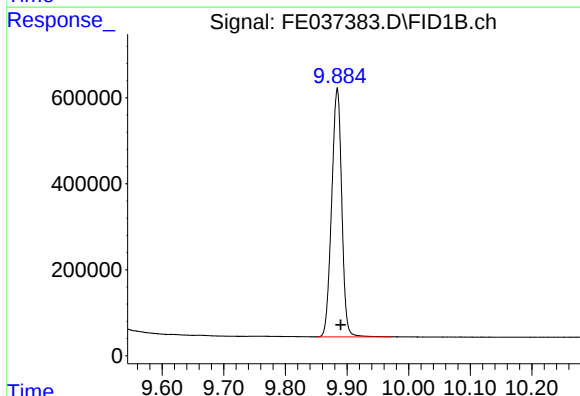
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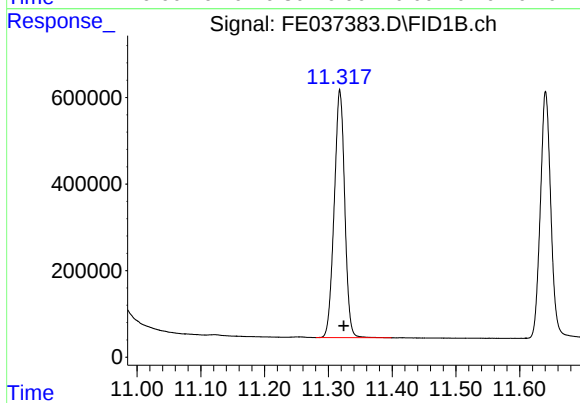
#6 n-Tetradecane (C14)

R.T.: 9.884 min
Delta R.T.: -0.005 min
Response: 6581160
Conc: 41.53 ug/ml



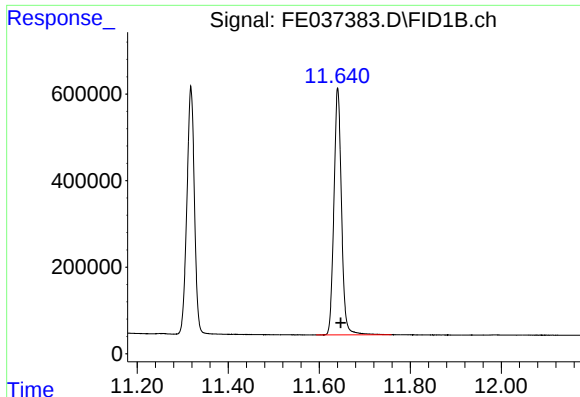
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.005 min
Response: 6581160
Conc: 41.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 6565773
Conc: 41.23 ug/ml



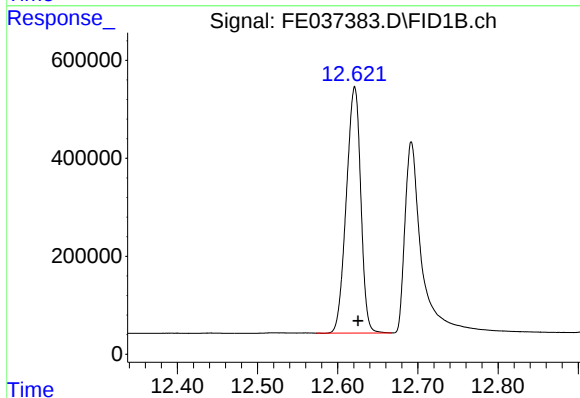
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.006 min
Response: 6583013
Conc: 38.95 ug/ml

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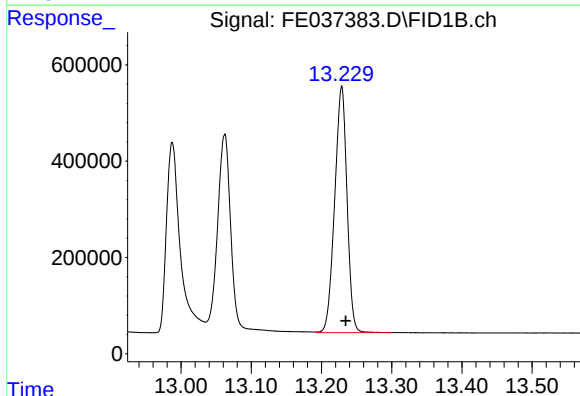
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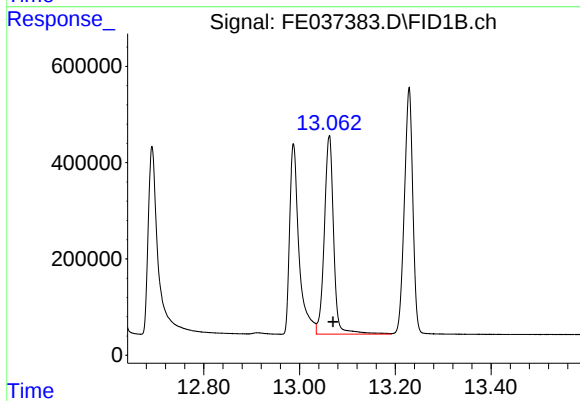
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.004 min
Response: 6290960
Conc: 39.76 ug/ml



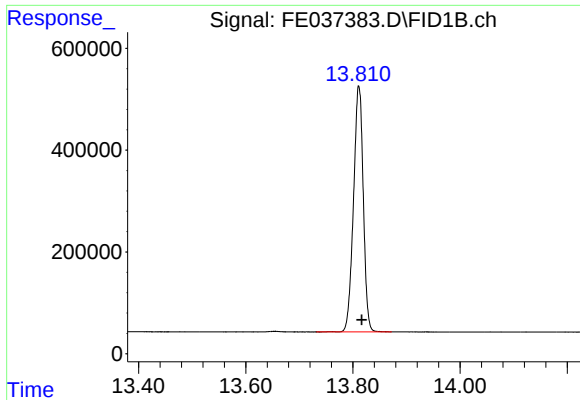
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.006 min
Response: 6246949
Conc: 39.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.008 min
Response: 5588271
Conc: 43.42 ug/ml



#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.005 min
Response: 6114841
Conc: 39.28 ug/ml

Instrument :

FID_E

ClientSampleId :

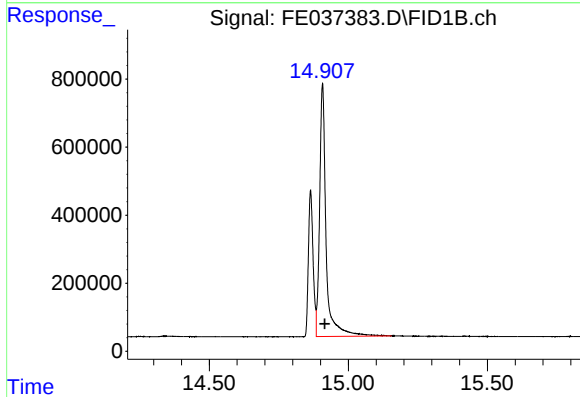
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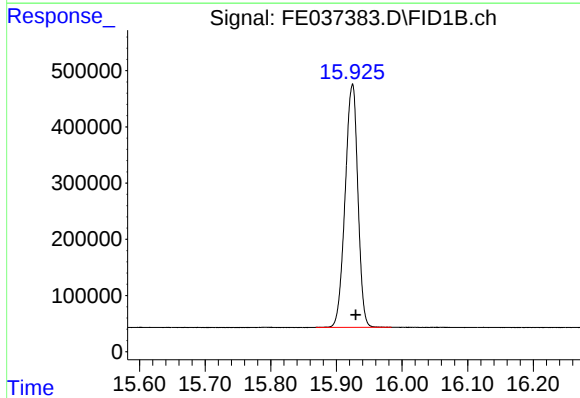
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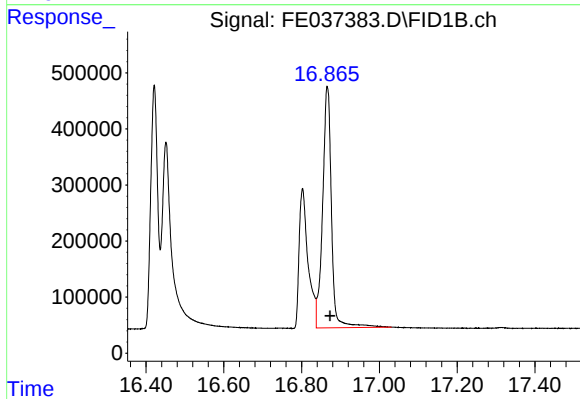
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.007 min
Response: 12067400
Conc: 80.23 ug/ml



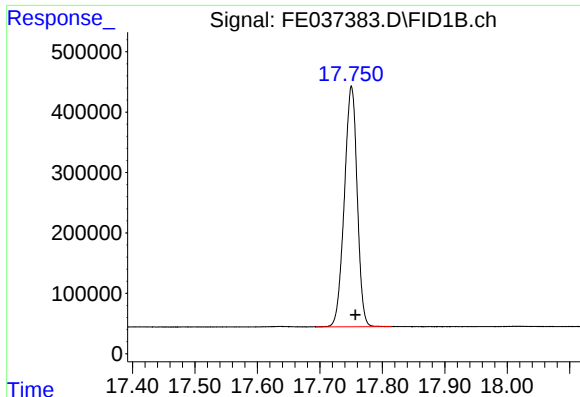
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.005 min
Response: 5843959
Conc: 40.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.866 min
Delta R.T.: -0.007 min
Response: 6831296
Conc: 49.31 ug/ml



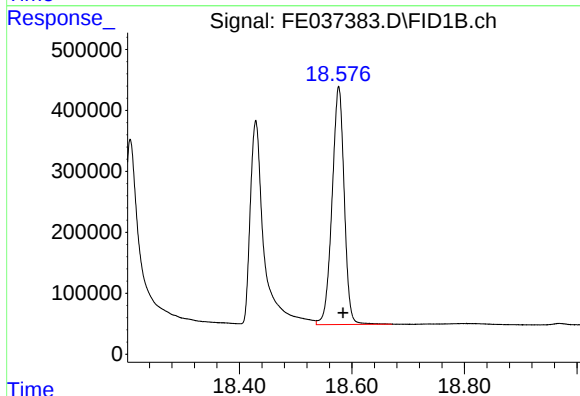
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: -0.006 min
Response: 5690915
Conc: 41.84 ug/ml

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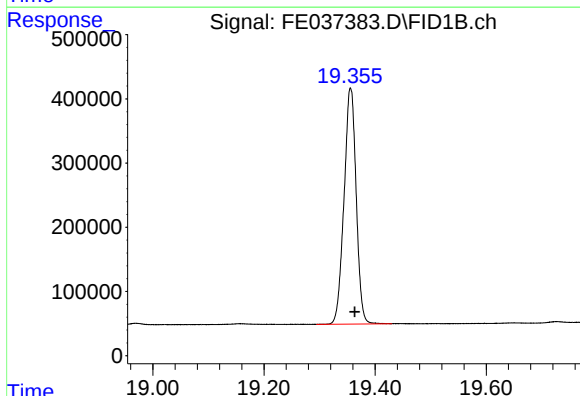
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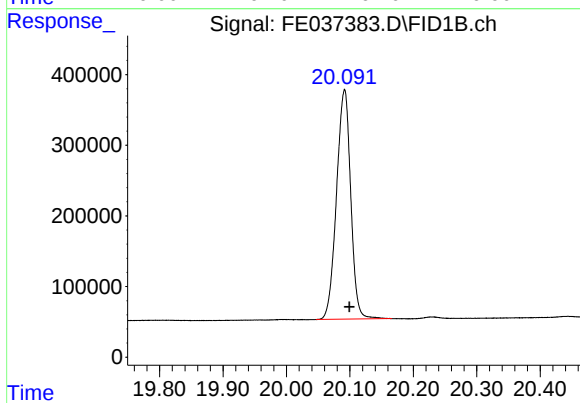
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: -0.008 min
Response: 5857069
Conc: 43.86 ug/ml



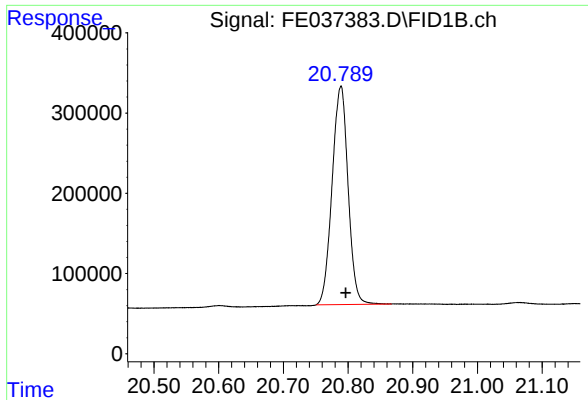
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: -0.007 min
Response: 5569759
Conc: 44.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.008 min
Response: 5054986
Conc: 39.30 ug/ml m



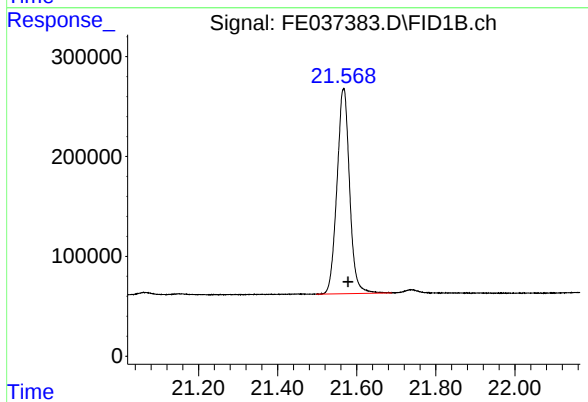
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.008 min
Response: 4670554
Conc: 37.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: -0.011 min
Response: 4542800
Conc: 35.24 ug/ml