

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090222AL\
 Data File : FE037404.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2022 16:56
 Operator : YP\AJ
 Sample : PB147432BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147432BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 00:55:22 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)	11.643	7239523	42.839 ug/ml
Spiked Amount 50.000		Recovery =	85.68%
12) S 1-chlorooctadecane (S...	13.065	5887437	45.746 ug/ml
Spiked Amount 50.000		Recovery =	91.49%
Target Compounds			
1) T n-Nonane (C9)	3.050	5907917	38.612 ug/ml
2) T n-Decane (C10)	4.301	6084251	39.463 ug/ml
3) T A~Naphthalene (C11.7)	6.009	6329118	43.931 ug/ml
4) T n-Dodecane (C12)	6.467	6528084	41.282 ug/ml
5) T A~2-methylnaphthalene...	7.101	6344504	45.443 ug/ml
6) T n-Tetradecane (C14)	9.886	7364047	46.475 ug/ml
7) T n-Hexadecane (C16)	9.886	7364047	46.475 ug/ml
8) T n-Octadecane (C18)	11.321	7547641	47.397 ug/ml
10) T n-Eicosane (C20)	12.624	7253646	45.845 ug/ml
11) T n-Heneicosane (C21)	13.231	7127663	45.201 ug/ml
13) T n-Docosane (C22)	13.815	6976664	44.817 ug/ml
14) T n-Tetracosane (C24)	14.910	13246140	88.070 ug/ml
15) T n-Hexacosane (C26)	15.929	6536107	45.138 ug/ml
16) T n-Octacosane (C28)	16.873	6625285	47.823 ug/ml
17) T n-Tricontane (C30)	17.757	6310309	46.388 ug/ml
18) T n-Dotriacontane (C32)	18.583	6394861	47.890 ug/ml
19) T n-Tetratriacontane (C34)	19.363	6472242	51.153 ug/ml
20) T n-Hexatriacontane (C36)	20.097	6191623	48.141 ug/ml
21) T n-Octatriacontane (C38)	20.796	6335533	50.904 ug/ml
22) T n-Tetracontane (C40)	21.576	6737030	52.259 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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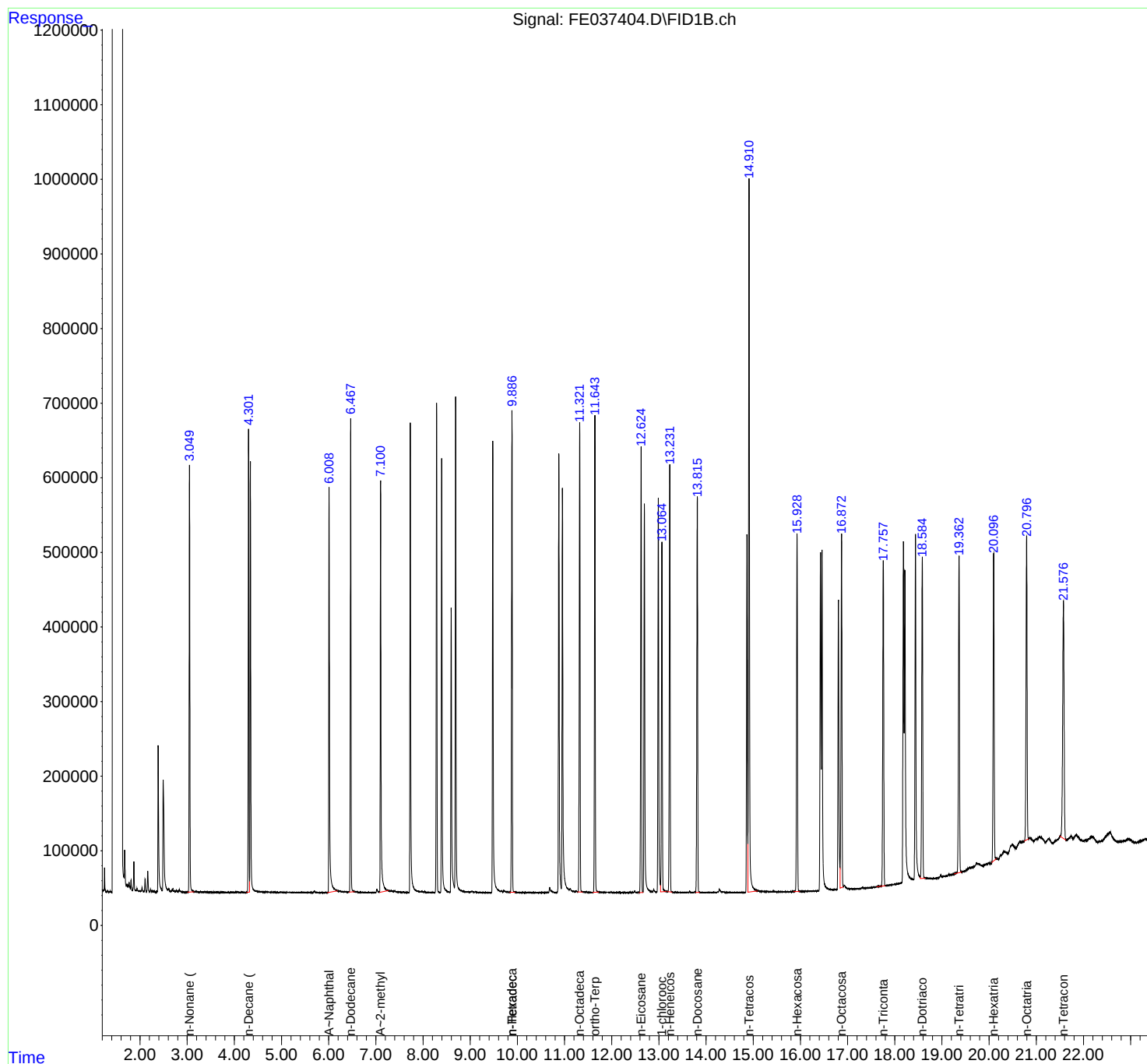
Instrument :
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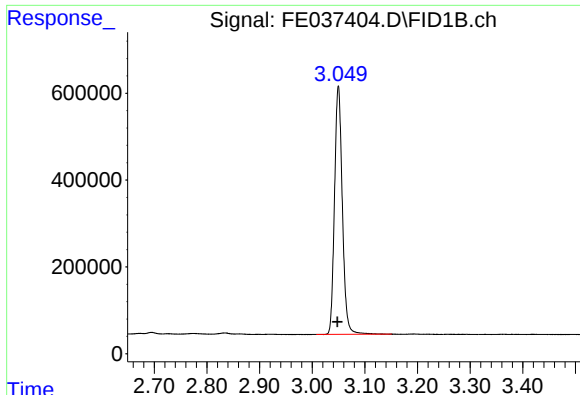
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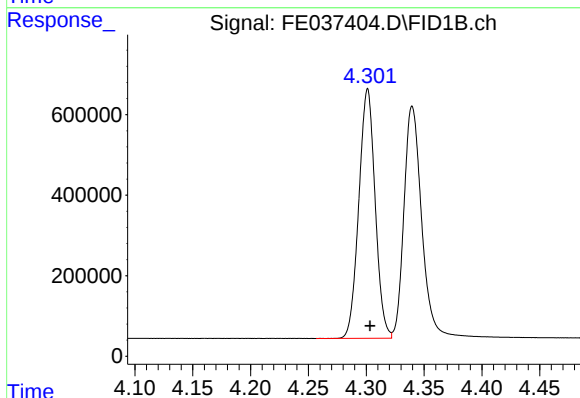
#1 n-Nonane (C9)

R.T.: 3.050 min
Delta R.T.: 0.002 min
Response: 5907917
Conc: 38.61 ug/ml

Instrument :
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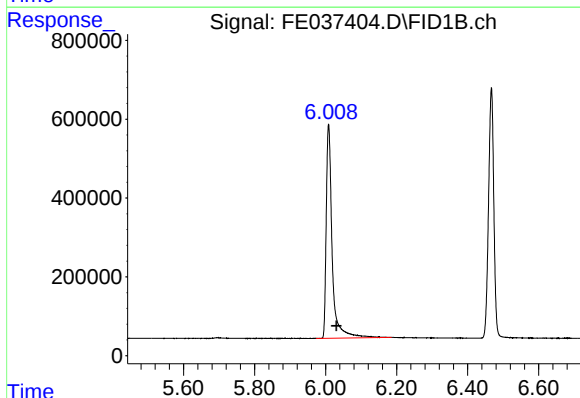
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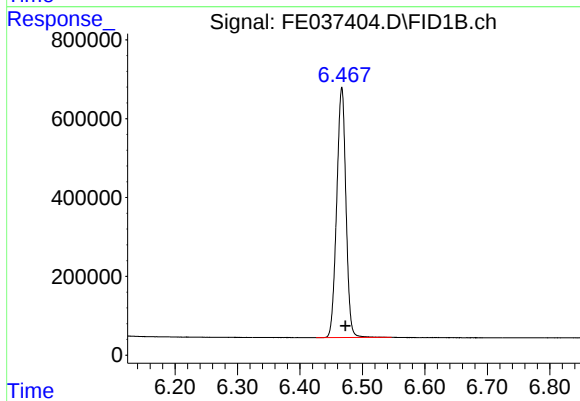
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 6084251
Conc: 39.46 ug/ml



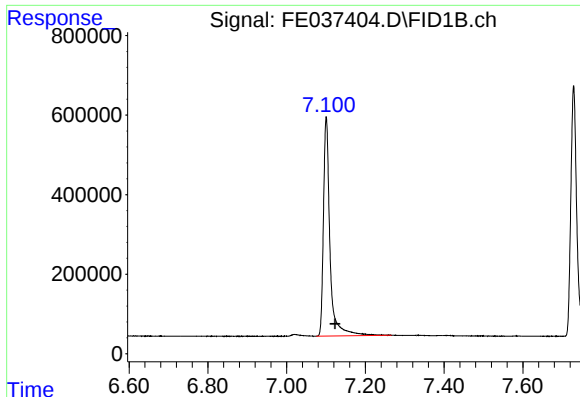
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.022 min
Response: 6329118
Conc: 43.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 6528084
Conc: 41.28 ug/ml



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

R.T.: 7.101 min
Delta R.T.: -0.023 min
Response: 6344504
Conc: 45.44 ug/ml

Instrument :

FID_E

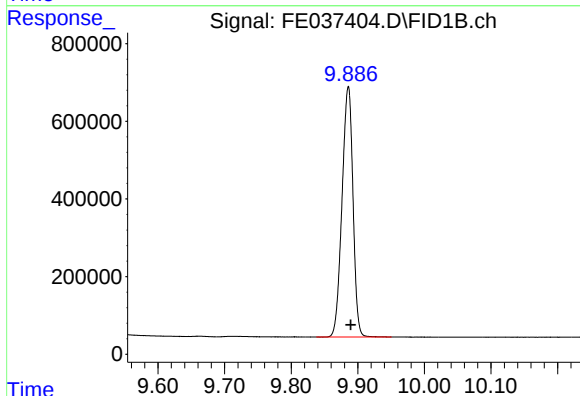
ClientSampleId :

PB147432BS

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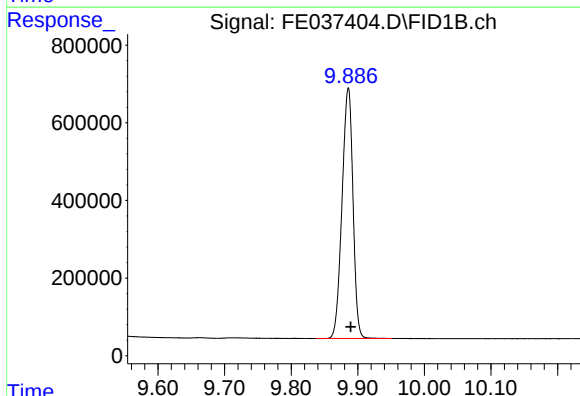
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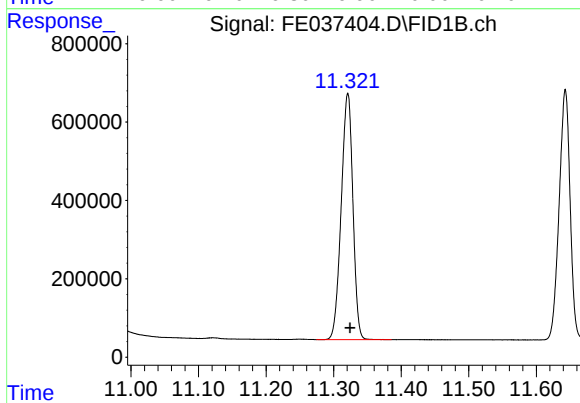
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 7364047
Conc: 46.47 ug/ml



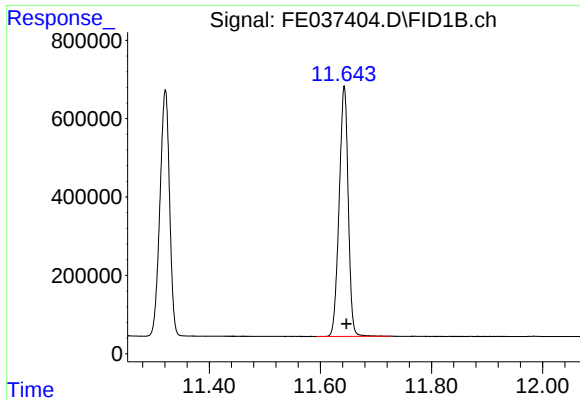
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 7364047
Conc: 46.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 7547641
Conc: 47.40 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.004 min
Response: 7239523
Conc: 42.84 ug/ml

Instrument :

FID_E

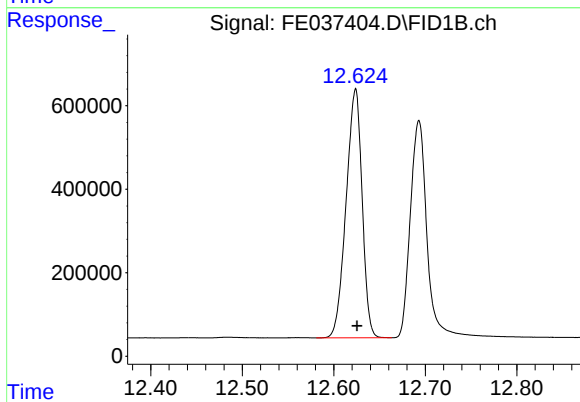
ClientSampleId :

PB147432BS

Manual Integrations

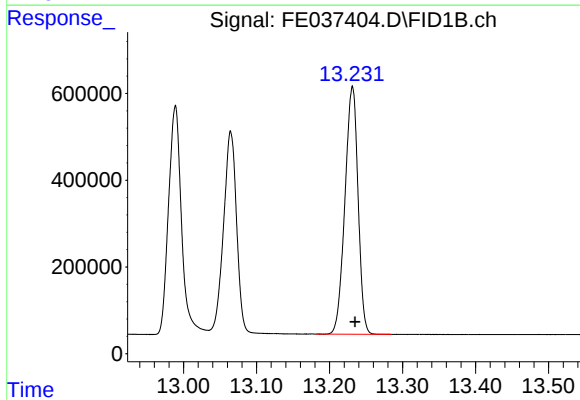
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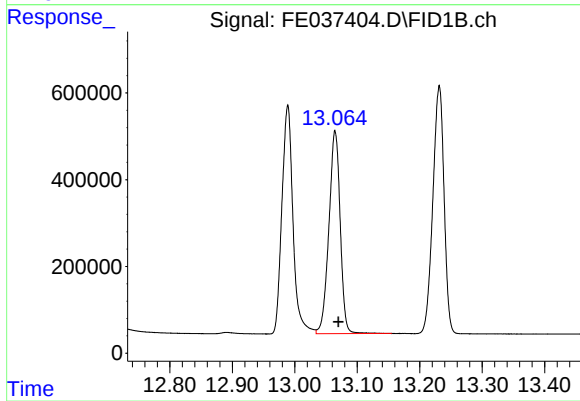
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.002 min
Response: 7253646
Conc: 45.85 ug/ml



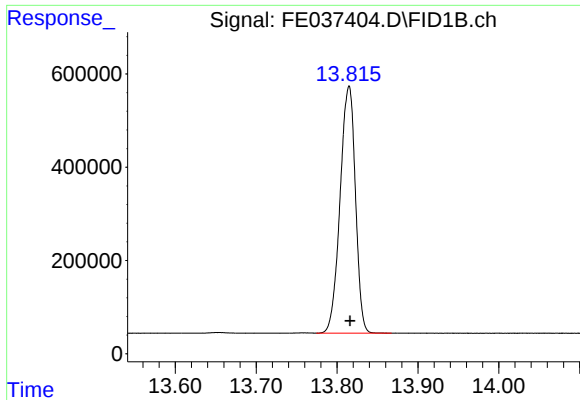
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.003 min
Response: 7127663
Conc: 45.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.065 min
Delta R.T.: -0.005 min
Response: 5887437
Conc: 45.75 ug/ml



#13 n-Docosane (C22)

R.T.: 13.815 min
Delta R.T.: -0.002 min
Response: 6976664
Conc: 44.82 ug/ml

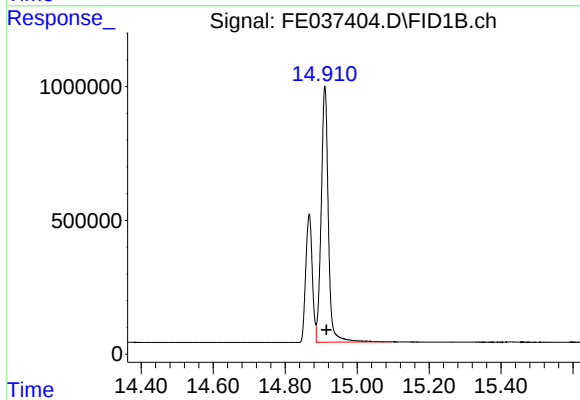
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FID_E

ClientSampleId :
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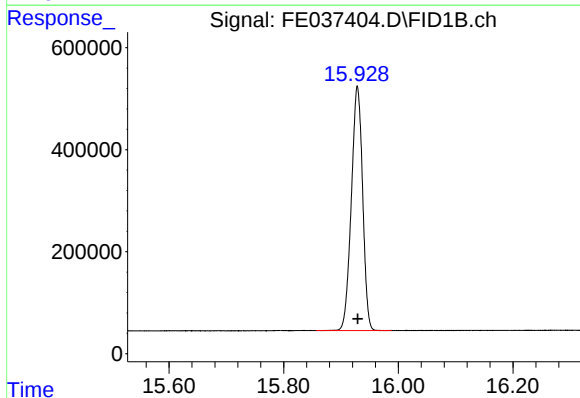
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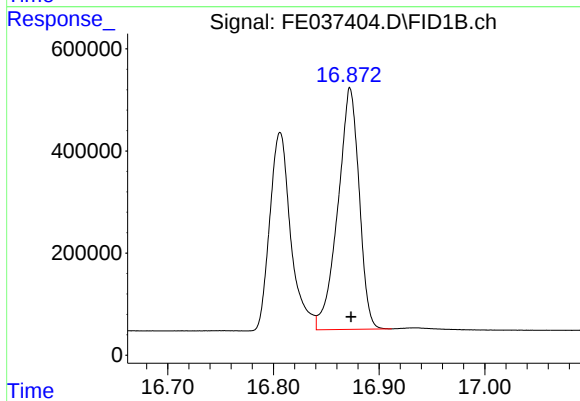
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.004 min
Response: 13246140
Conc: 88.07 ug/ml



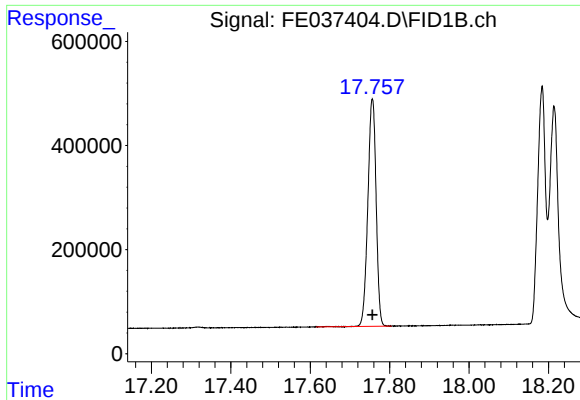
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 6536107
Conc: 45.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.873 min
Delta R.T.: 0.000 min
Response: 6625285
Conc: 47.82 ug/ml



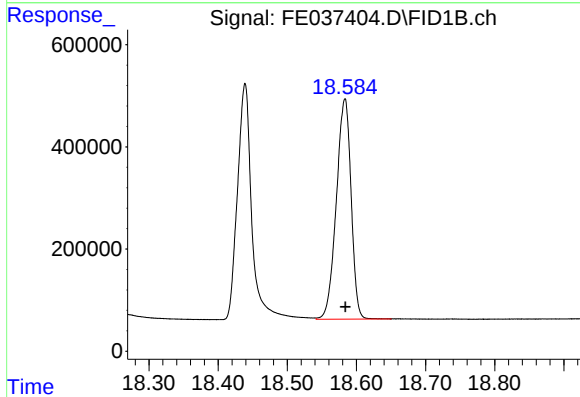
#17 n-Tricontane (C30)

R.T.: 17.757 min
Delta R.T.: 0.000 min
Response: 6310309
Conc: 46.39 ug/ml

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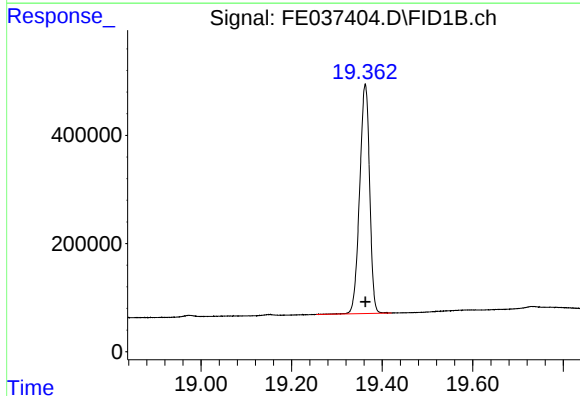
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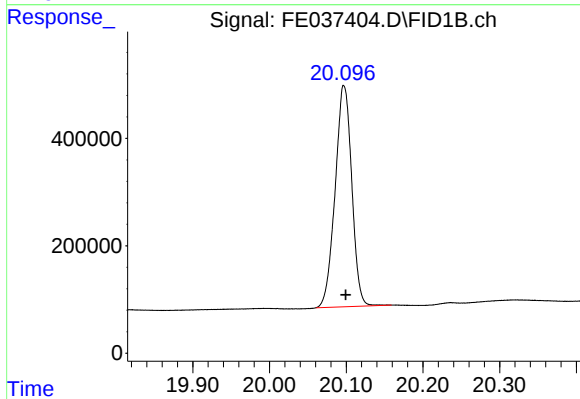
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: 0.000 min
Response: 6394861
Conc: 47.89 ug/ml



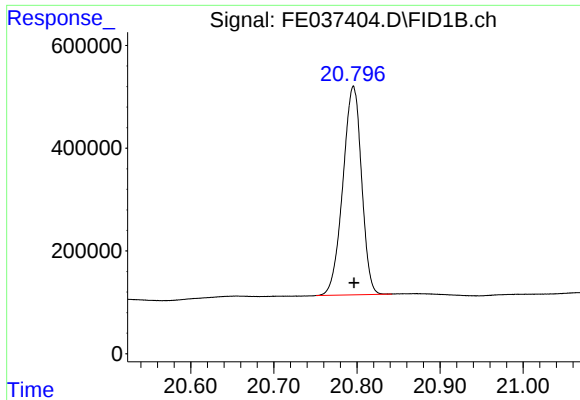
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.000 min
Response: 6472242
Conc: 51.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: -0.002 min
Response: 6191623
Conc: 48.14 ug/ml



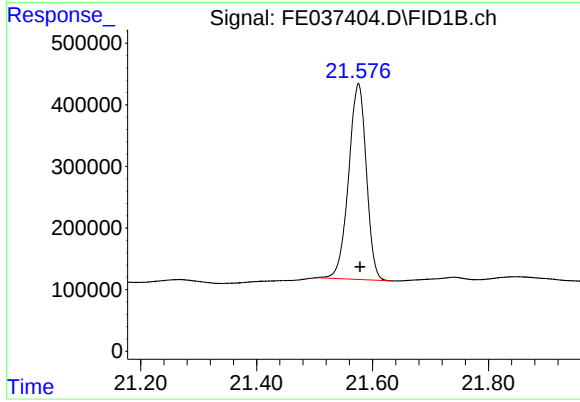
#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 6335533
Conc: 50.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.002 min
Response: 6737030
Conc: 52.26 ug/ml m