

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036868.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2022 15:17
 Operator : YP\AJ
 Sample : PB146740BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146740BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2022
 Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
 Quant Time: Aug 05 04:13:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.836	7520873	40.381 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
12) S 1-chlorooctadecane (S...	13.275	5926439	38.953 ug/ml
Spiked Amount 50.000		Recovery =	77.91%
Target Compounds			
1) T n-Nonane (C9)	3.233	4870898	31.597 ug/ml
2) T n-Decane (C10)	4.483	5239942	33.993 ug/ml
3) T A~Naphthalene (C11.7)	6.180	6309265	36.921 ug/ml
4) T n-Dodecane (C12)	6.647	5914948	37.661 ug/ml
5) T A~2-methylnaphthalene...	7.275	6459870	37.586 ug/ml
6) T n-Tetradecane (C14)	8.475	6438169	39.436 ug/ml
7) T n-Hexadecane (C16)	10.080	6676854	40.508 ug/ml
8) T n-Octadecane (C18)	11.523	6906323	40.637 ug/ml
10) T n-Eicosane (C20)	12.831	6652430	39.109 ug/ml
11) T n-Heneicosane (C21)	13.442	6529757	38.152 ug/ml
13) T n-Docosane (C22)	14.028	6431011	37.667 ug/ml
14) T n-Tetracosane (C24)	15.132	6016222	35.293 ug/ml
15) T n-Hexacosane (C26)	16.154	6064206	36.272 ug/ml
16) T n-Octacosane (C28)	17.102	5924146	36.272 ug/ml
17) T n-Tricontane (C30)	17.993	5753133	37.860 ug/ml
18) T n-Dotriacontane (C32)	18.823	5631036	46.820 ug/ml
19) T n-Tetratriacontane (C34)	19.608	5583900	67.052 ug/ml
20) T n-Hexatriacontane (C36)	20.348	5449457	92.809 ug/ml
21) T n-Octatriacontane (C38)	21.072	5353295	106.772 ug/ml
22) T n-Tetracontane (C40)	21.953	5511419	106.724 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Aug 05 04:13:01 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M

Quant Title : GC Extractables

QLast Update : Mon Jul 18 02:35:21 2022

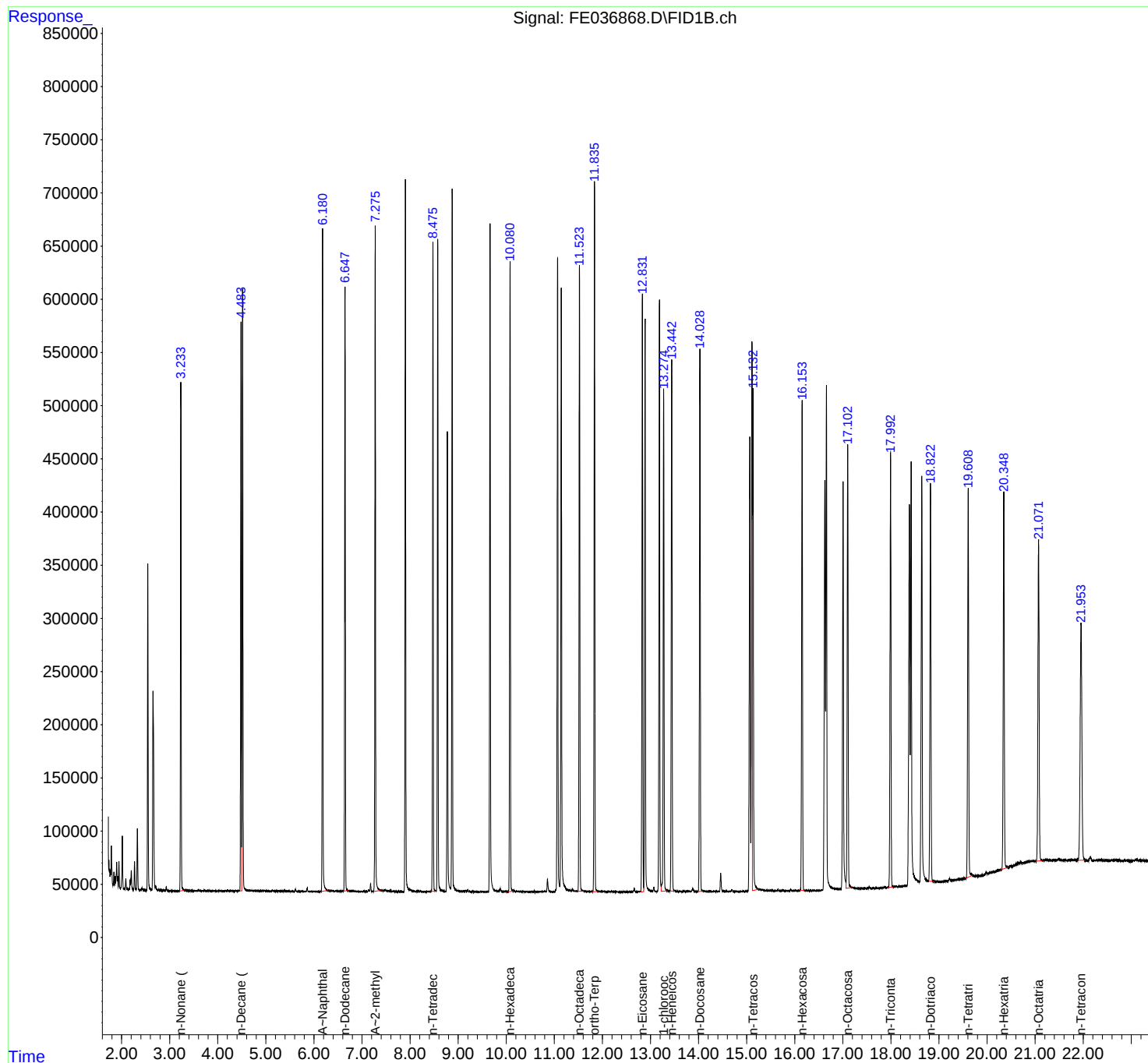
Response via : Initial Calibration

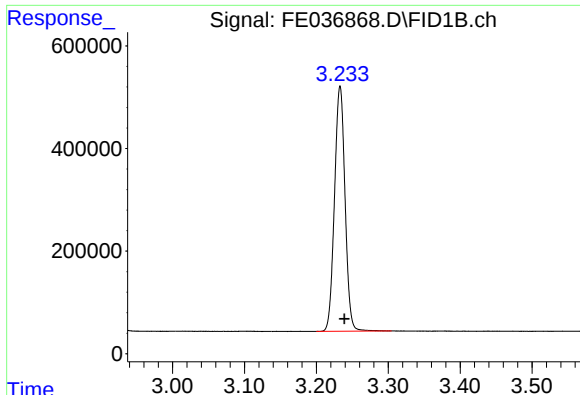
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 4870898
Conc: 31.60 ug/ml

Instrument :

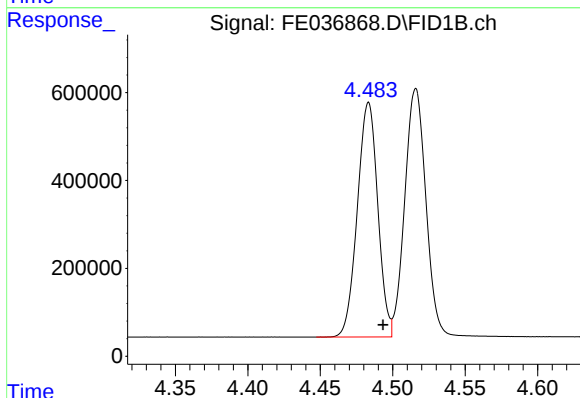
FID_E

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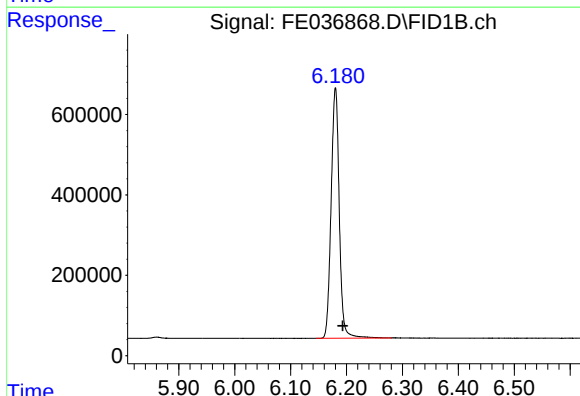
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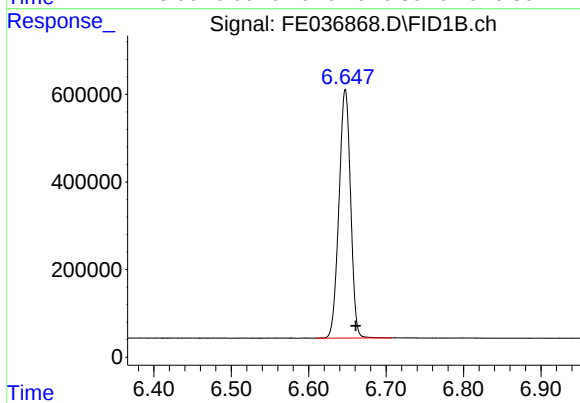
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.010 min
Response: 5239942
Conc: 33.99 ug/ml



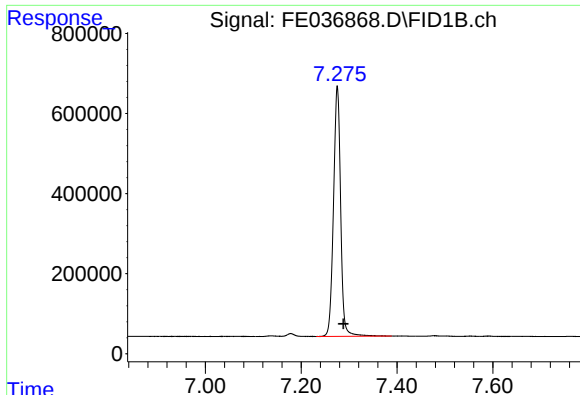
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 6309265
Conc: 36.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.013 min
Response: 5914948
Conc: 37.66 ug/ml



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

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 6459870
Conc: 37.59 ug/ml

Instrument :

FID_E

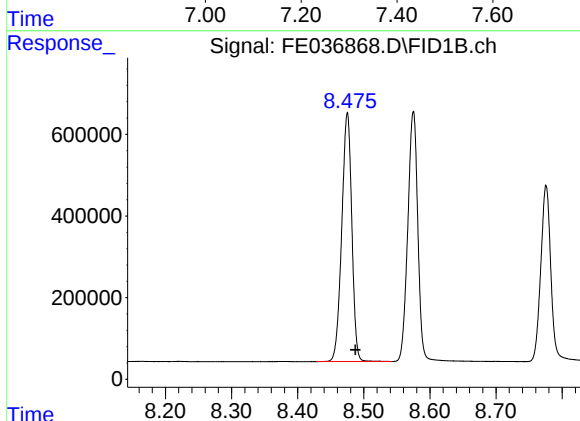
ClientSampleId :

PB146740BS

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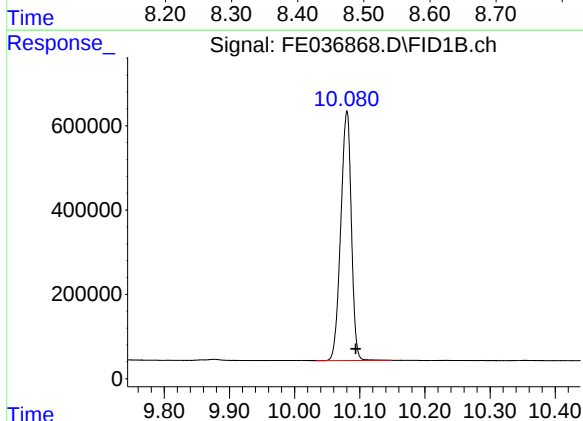
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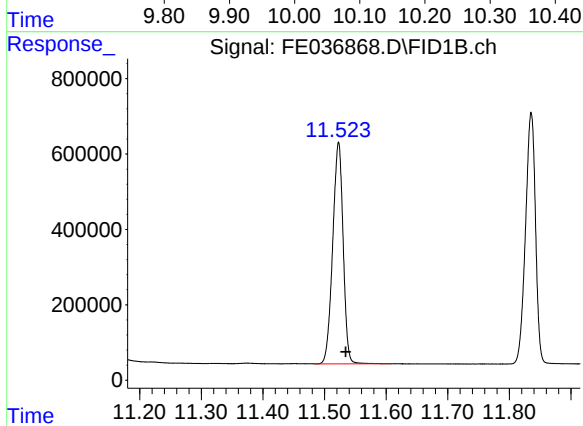
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 6438169
Conc: 39.44 ug/ml



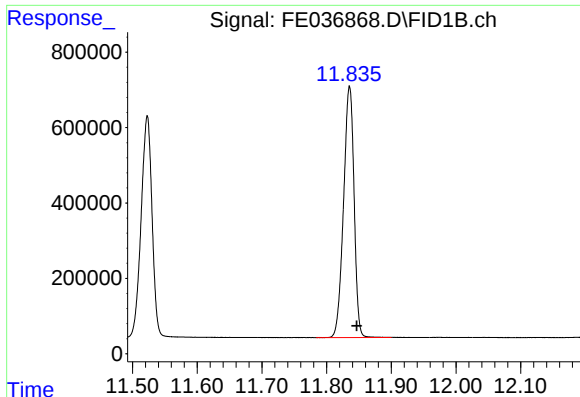
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.013 min
Response: 6676854
Conc: 40.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 6906323
Conc: 40.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.011 min
Response: 7520873
Conc: 40.38 ug/ml

Instrument :

FID_E

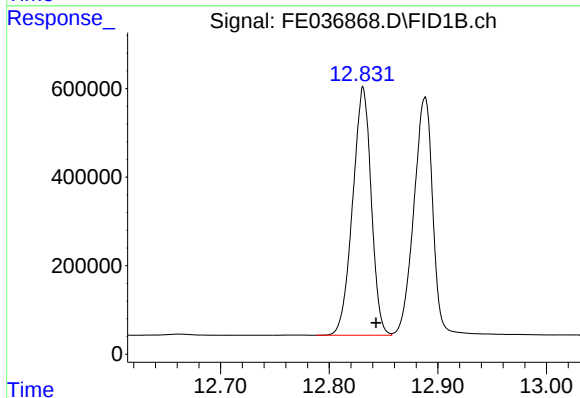
ClientSampleId :

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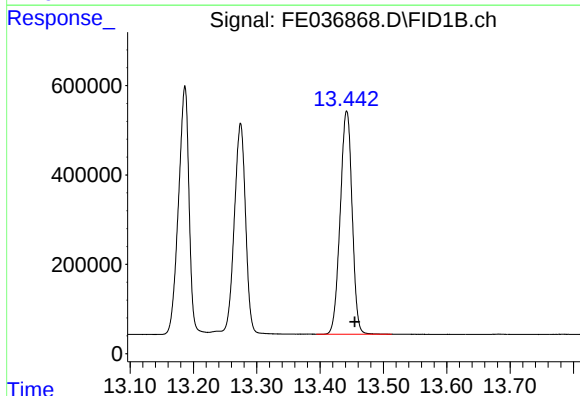
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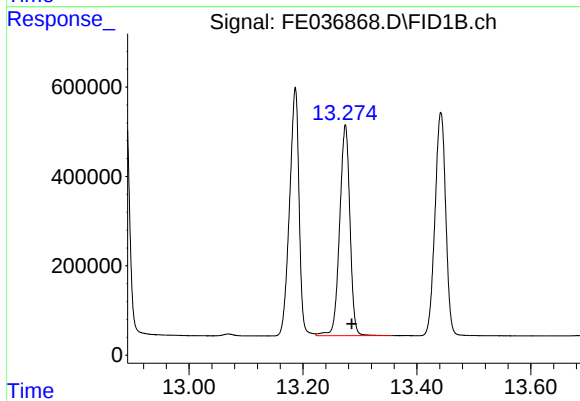
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 6652430
Conc: 39.11 ug/ml



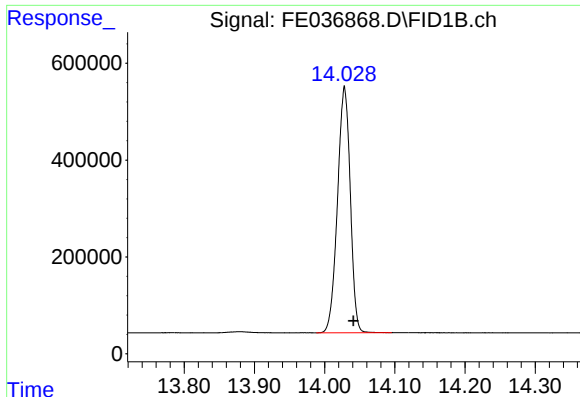
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.013 min
Response: 6529757
Conc: 38.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.011 min
Response: 5926439
Conc: 38.95 ug/ml



#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 6431011
Conc: 37.67 ug/ml

Instrument :

FID_E

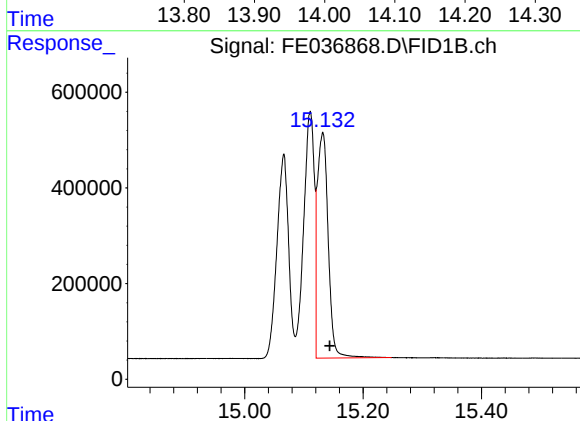
ClientSampleId :

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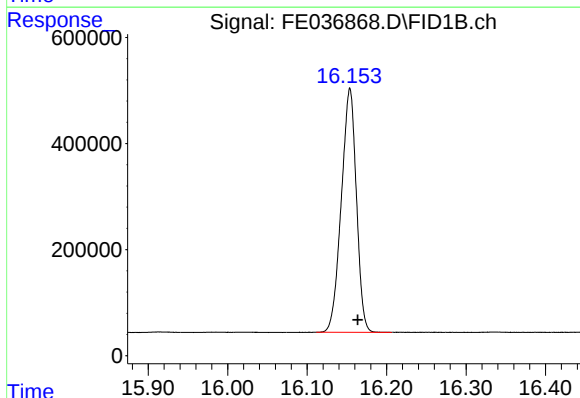
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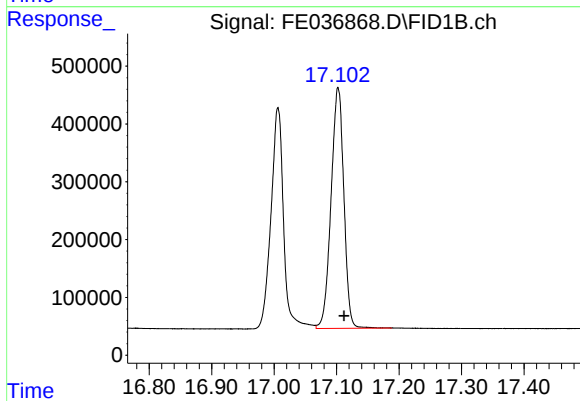
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.012 min
Response: 6016222
Conc: 35.29 ug/ml



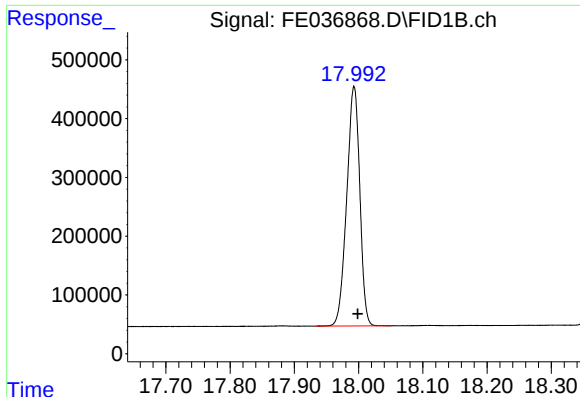
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 6064206
Conc: 36.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.010 min
Response: 5924146
Conc: 36.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.006 min
Response: 5753133
Conc: 37.86 ug/ml

Instrument :

FID_E

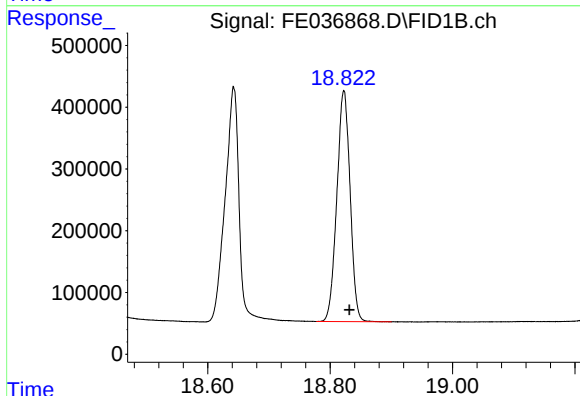
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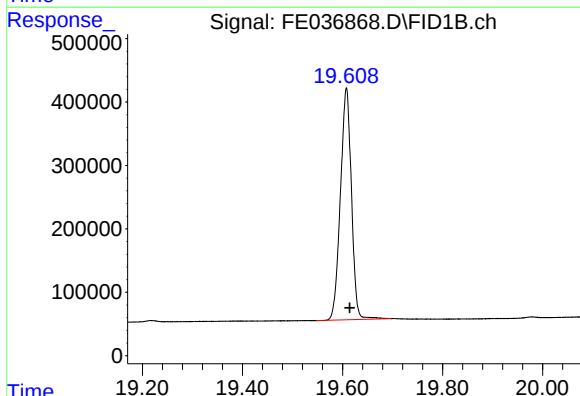
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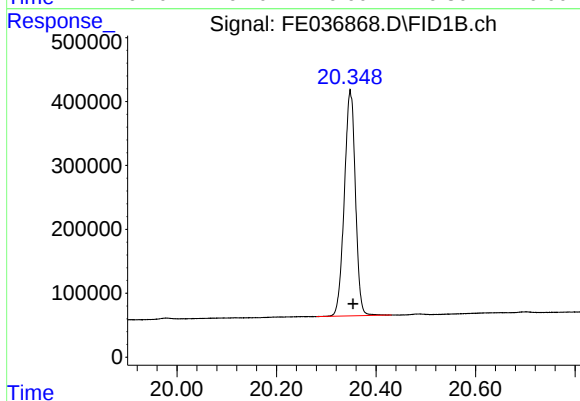
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.009 min
Response: 5631036
Conc: 46.82 ug/ml



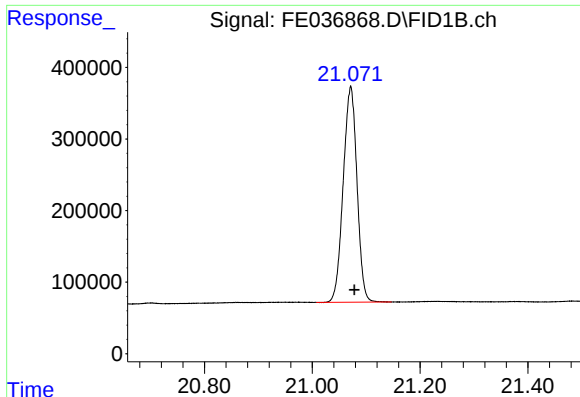
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.007 min
Response: 5583900
Conc: 67.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.006 min
Response: 5449457
Conc: 92.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.007 min
Response: 5353295
Conc: 106.77 ug/ml

Instrument :

FID_E

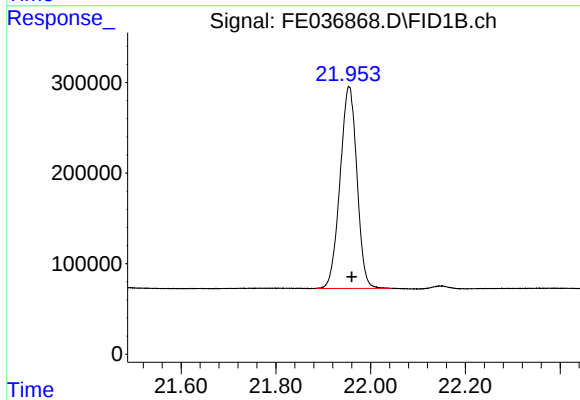
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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.007 min
Response: 5511419
Conc: 106.72 ug/ml m