

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038956.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2022 15:07
 Operator : YP\AJ
 Sample : PB149289BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149289BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:01:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.959	7340125	46.920 ug/ml
Spiked Amount 50.000		Recovery =	93.84%
12) S 1-chlorooctadecane (S...	13.392	5569504	46.128 ug/ml
Spiked Amount 50.000		Recovery =	92.26%
Target Compounds			
1) T n-Nonane (C9)	3.358	5235929	36.938 ug/ml
2) T n-Decane (C10)	4.604	5419998	38.887 ug/ml
3) T A~Naphthalene (C11.7)	6.304	6253054	39.314 ug/ml
4) T n-Dodecane (C12)	6.763	5847575	41.484 ug/ml
5) T A~2-methylnaphthalene...	7.398	6288523	42.017 ug/ml
6) T n-Tetradecane (C14)	8.591	6455217	45.198 ug/ml
7) T n-Hexadecane (C16)	10.197	7272058	49.737 ug/ml
8) T n-Octadecane (C18)	11.639	7568645	51.435 ug/ml
10) T n-Eicosane (C20)	12.949	7306057	51.465 ug/ml
11) T n-Heneicosane (C21)	13.560	7188531	50.588 ug/ml
13) T n-Docosane (C22)	14.145	7166292	51.266 ug/ml
14) T n-Tetracosane (C24)	15.241	13782092	99.795 ug/ml
15) T n-Hexacosane (C26)	16.272	6880585	51.228 ug/ml
16) T n-Octacosane (C28)	17.220	6846769	51.558 ug/ml
17) T n-Tricontane (C30)	18.108	6603497	50.003 ug/ml
18) T n-Dotriacontane (C32)	18.940	6659379	49.933 ug/ml
19) T n-Tetratriacontane (C34)	19.723	6658215	50.318 ug/ml
20) T n-Hexatriacontane (C36)	20.463	6445237	50.169 ug/ml
21) T n-Octatriacontane (C38)	21.204	6579308	50.210 ug/mlm
22) T n-Tetracontane (C40)	22.129	6679320	49.052 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149289BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

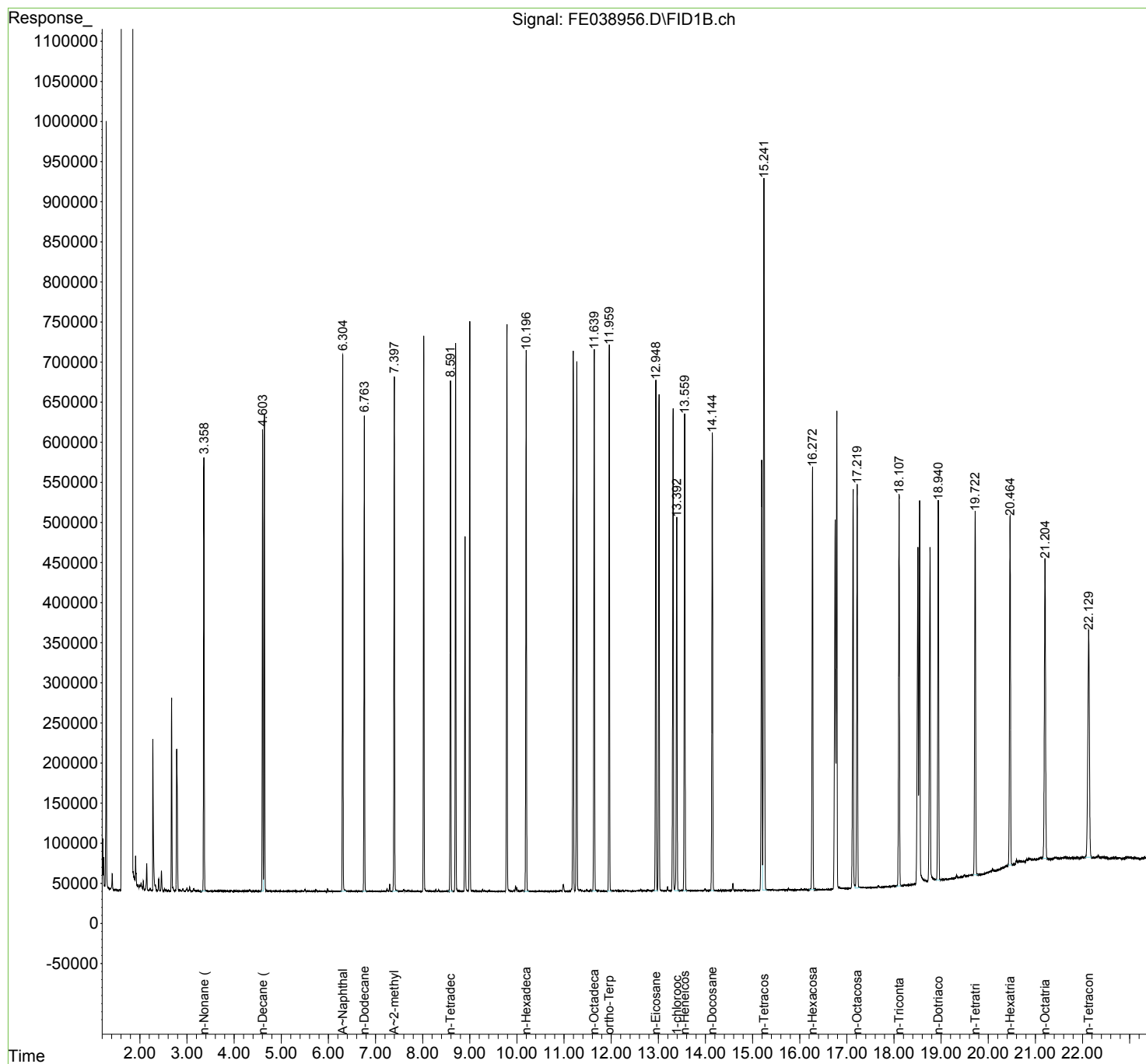
Instrument :
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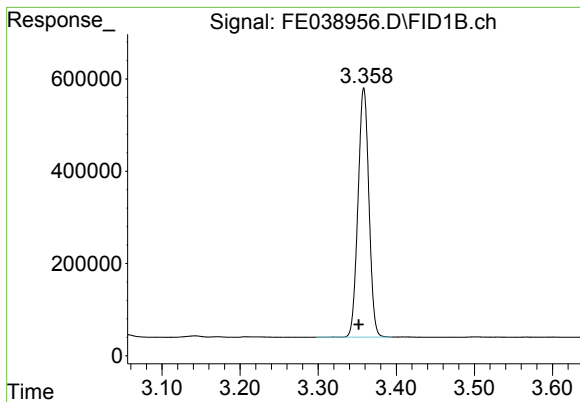
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.006 min
Response: 5235929
Conc: 36.94 ug/ml

Instrument :

FID_E

ClientSampleId :

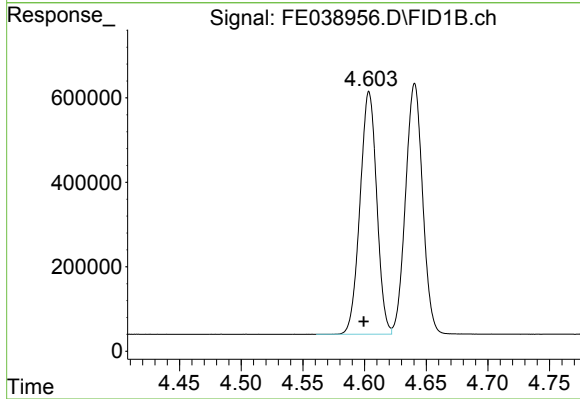
PB149289BS

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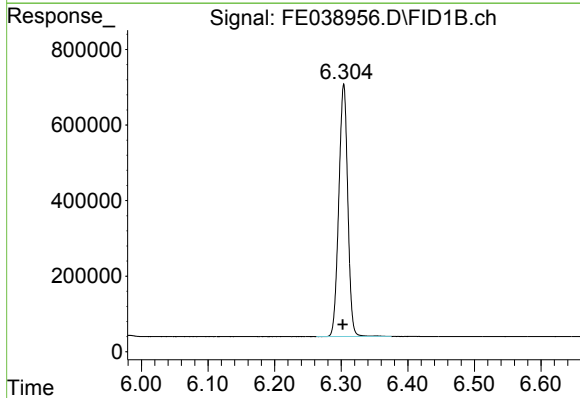
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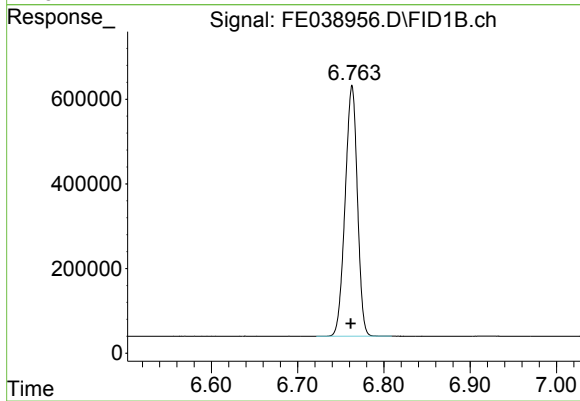
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: 0.004 min
Response: 5419998
Conc: 38.89 ug/ml



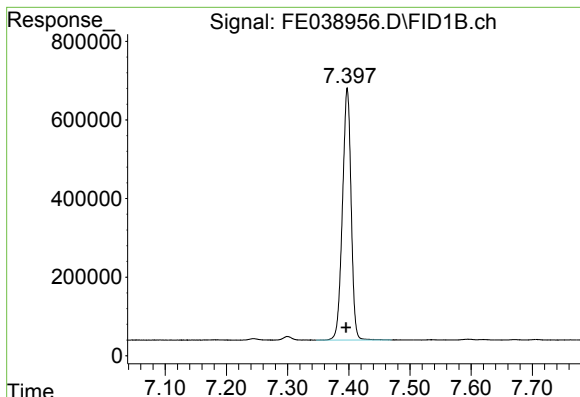
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.001 min
Response: 6253054
Conc: 39.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 5847575
Conc: 41.48 ug/ml



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

R.T.: 7.398 min
Delta R.T.: 0.002 min
Response: 6288523
Conc: 42.02 ug/ml

Instrument :

FID_E

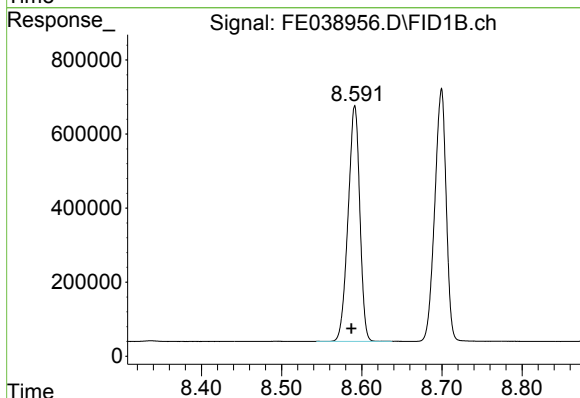
ClientSampleId :

PB149289BS

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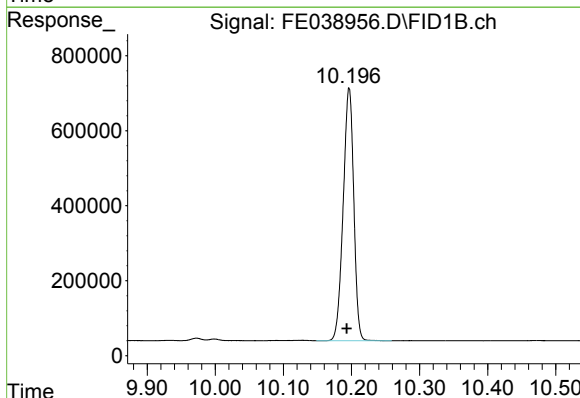
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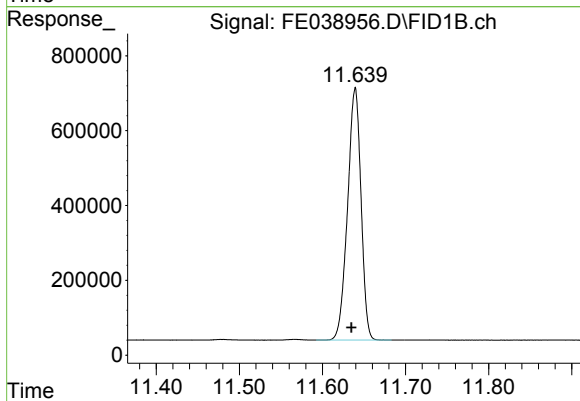
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: 0.004 min
Response: 6455217
Conc: 45.20 ug/ml



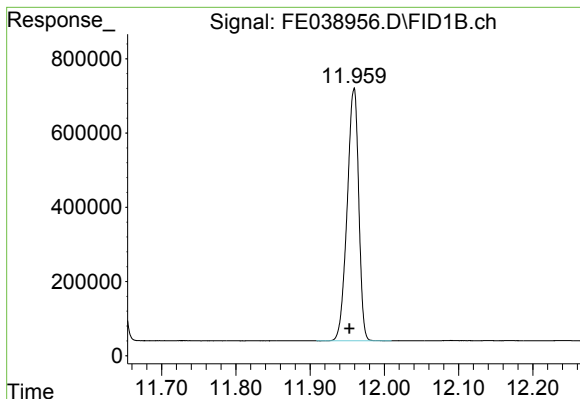
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: 0.004 min
Response: 7272058
Conc: 49.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.639 min
Delta R.T.: 0.005 min
Response: 7568645
Conc: 51.44 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.959 min
Delta R.T.: 0.006 min
Response: 7340125
Conc: 46.92 ug/ml

Instrument :

FID_E

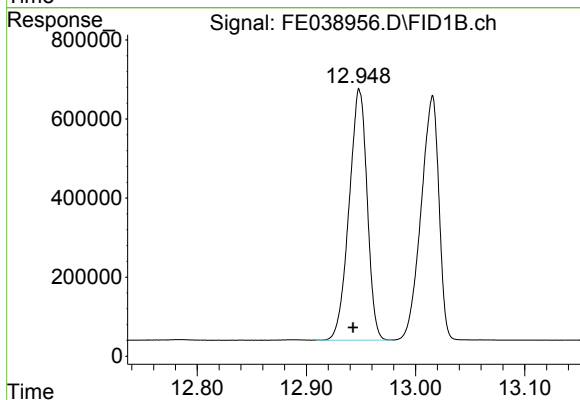
ClientSampleId :

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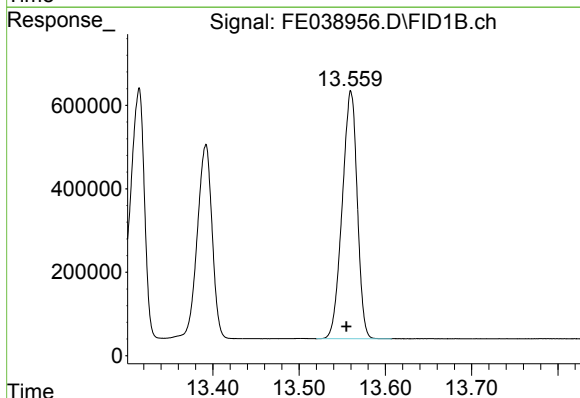
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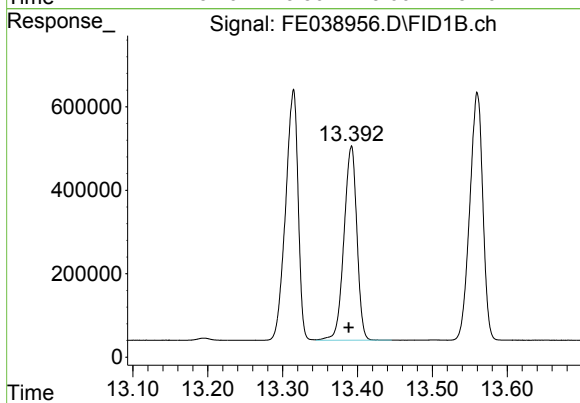
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: 0.006 min
Response: 7306057
Conc: 51.46 ug/ml



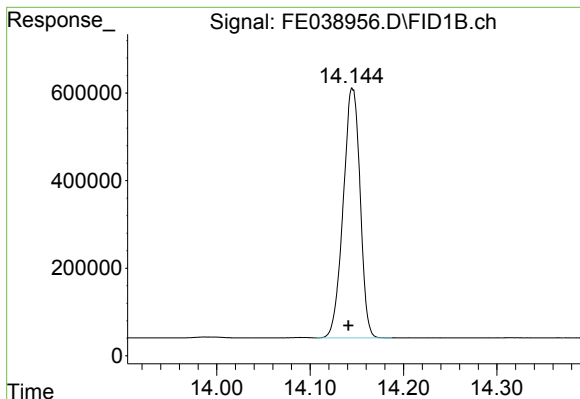
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: 0.005 min
Response: 7188531
Conc: 50.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: 0.004 min
Response: 5569504
Conc: 46.13 ug/ml



#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: 0.005 min
Response: 7166292
Conc: 51.27 ug/ml

Instrument :

FID_E

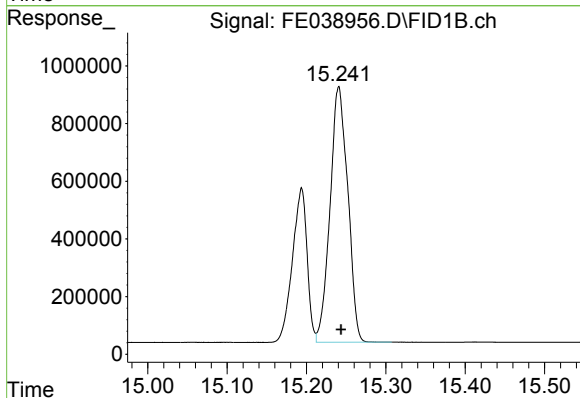
ClientSampleId :

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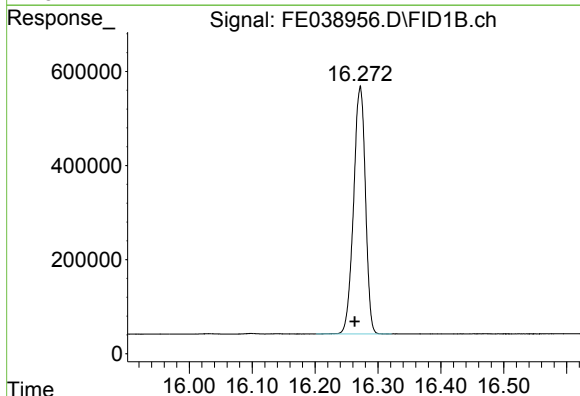
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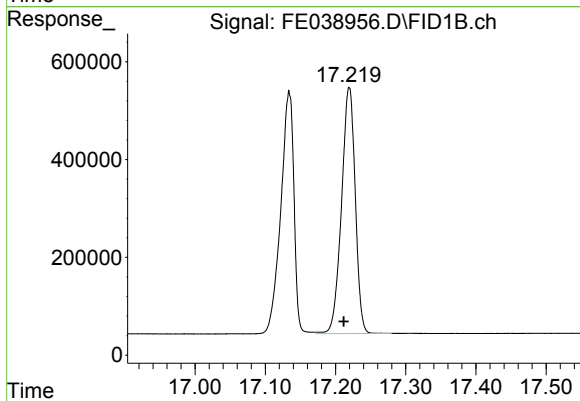
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.003 min
Response: 13782092
Conc: 99.79 ug/ml



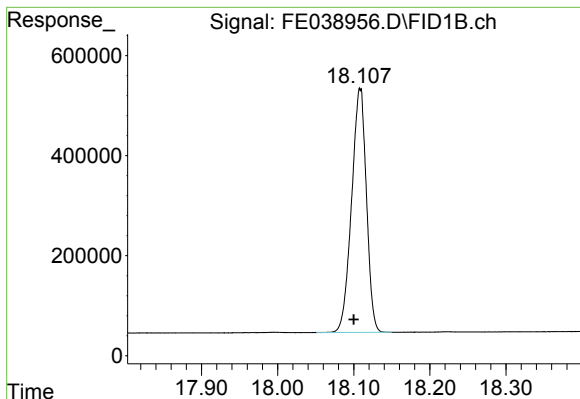
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.009 min
Response: 6880585
Conc: 51.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: 0.008 min
Response: 6846769
Conc: 51.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: 0.008 min
Response: 6603497
Conc: 50.00 ug/ml

Instrument :

FID_E

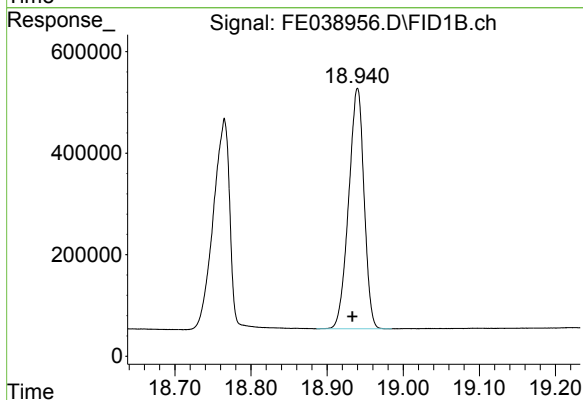
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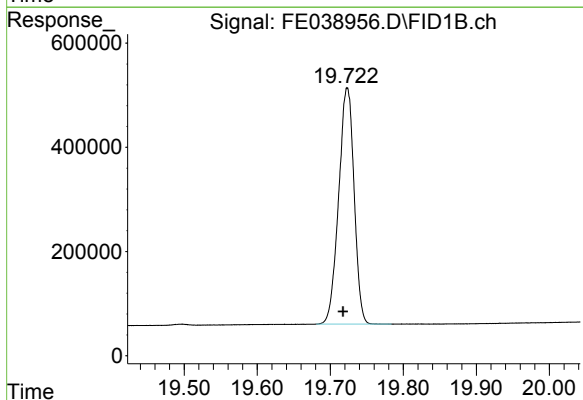
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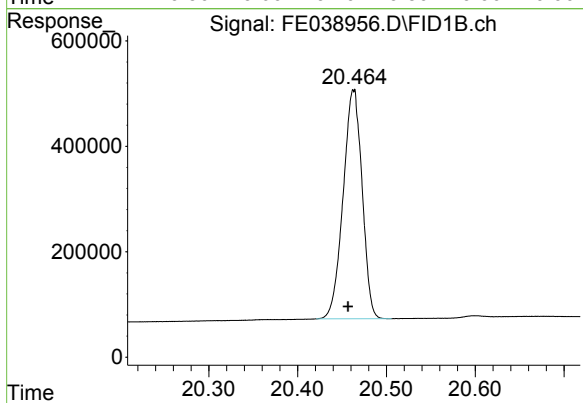
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.007 min
Response: 6659379
Conc: 49.93 ug/ml



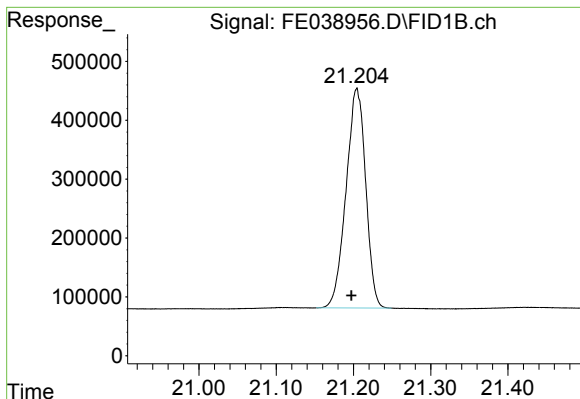
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.006 min
Response: 6658215
Conc: 50.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.006 min
Response: 6445237
Conc: 50.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.007 min
Response: 6579308
Conc: 50.21 ug/ml

Instrument :

FID_E

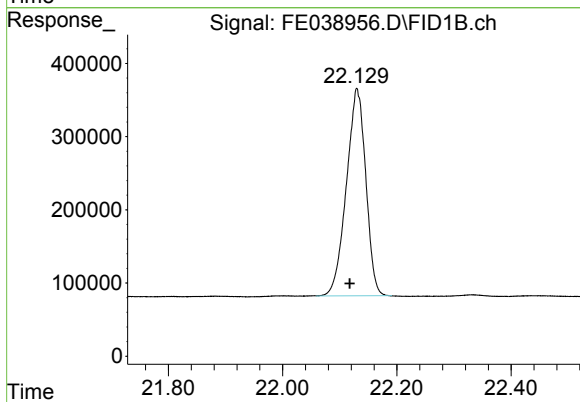
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.012 min
Response: 6679320
Conc: 49.05 ug/ml m