

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048451.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 13:14
 Operator : YP\AJ
 Sample : PB161193BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161193BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/31/2024

Supervised By :Ankita Jodhani 05/31/2024

Integration File: autoint1.e

Quant Time: May 31 01:32:15 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

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)	11.957	6376071	44.403 ug/ml
Spiked Amount 50.000		Recovery =	88.81%
12) S 1-chlorooctadecane (S...	13.390	5330332	48.928 ug/ml
Spiked Amount 50.000		Recovery =	97.86%
Target Compounds			
1) T n-Nonane (C9)	3.351	6171349	41.278 ug/ml
2) T n-Decane (C10)	4.596	6630675	43.911 ug/ml
3) T A~Naphthalene (C11.7)	6.299	7326335	49.204 ug/ml
4) T n-Dodecane (C12)	6.757	6715531	45.367 ug/ml
5) T A~2-methylnaphthalene...	7.395	7320456	52.797 ug/ml
6) T n-Tetradecane (C14)	8.587	6950633	49.006 ug/ml
7) T n-Hexadecane (C16)	10.193	6871004	48.738 ug/ml
8) T n-Octadecane (C18)	11.637	6695004	48.205 ug/ml
10) T n-Eicosane (C20)	12.945	6622026	50.040 ug/ml
11) T n-Heneicosane (C21)	13.558	6388189	49.318 ug/ml
13) T n-Docosane (C22)	14.143	6338329	49.187 ug/ml
14) T n-Tetracosane (C24)	15.240	11750319	90.701 ug/ml
15) T n-Hexacosane (C26)	16.266	6352914	49.017 ug/ml
16) T n-Octacosane (C28)	17.214	6570372	50.833 ug/ml
17) T n-Tricontane (C30)	18.102	6543439	48.845 ug/ml
18) T n-Dotriacontane (C32)	18.933	6749419	49.723 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6883295	50.316 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	6819760	50.169 ug/ml
21) T n-Octatriacontane (C38)	21.195	6811325	49.946 ug/ml
22) T n-Tetracontane (C40)	22.116	6332632	46.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 30 May 2024 13:14
Operator : YP\AJ
Sample : PB161193BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

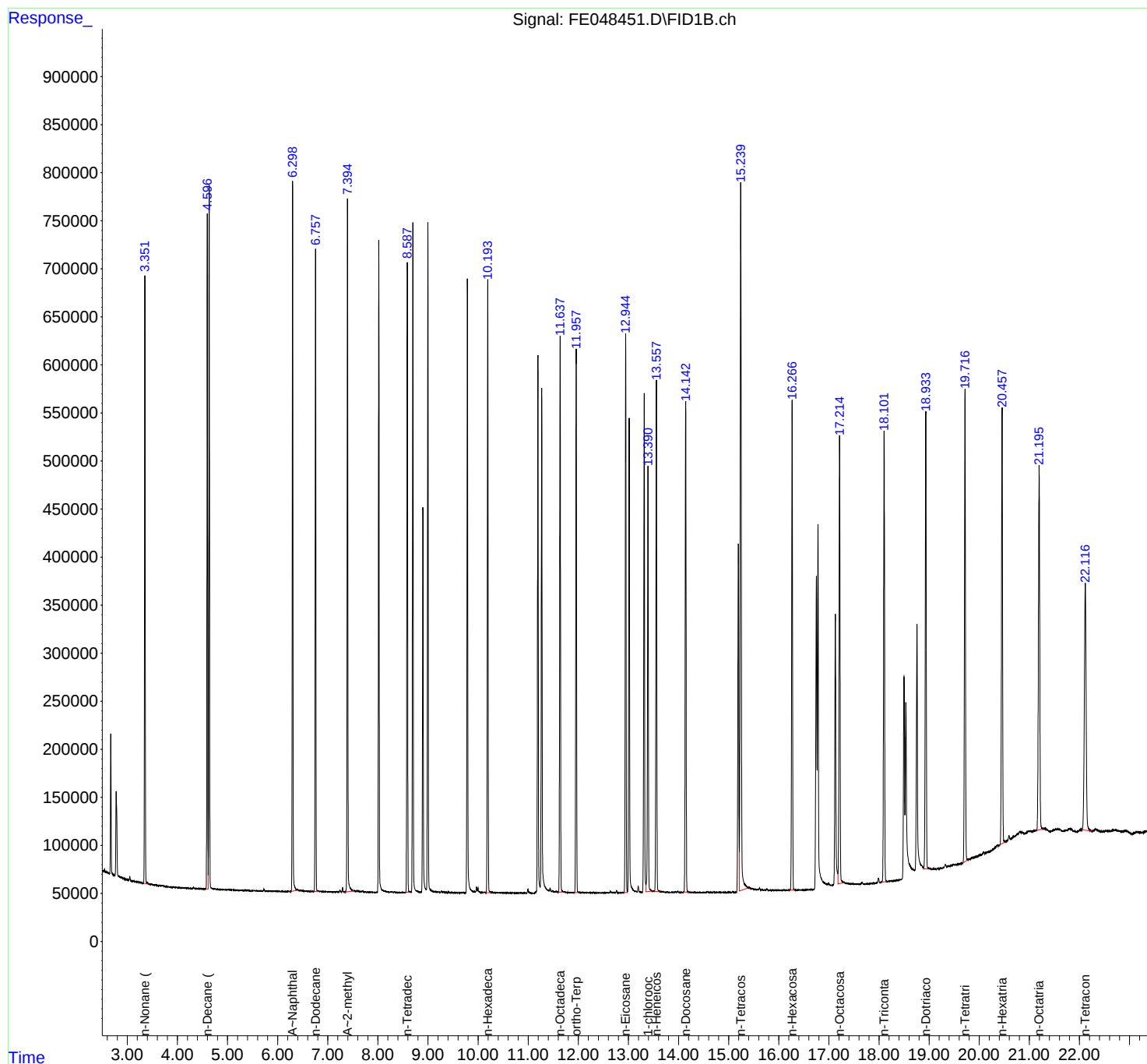
Instrument :
FID_E
ClientSampleId :
PB161193BS

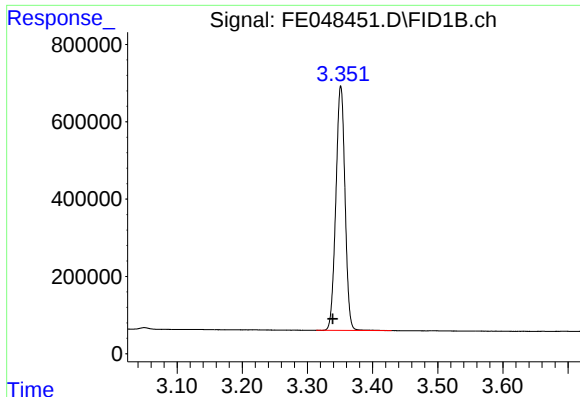
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: 0.012 min
Response: 6171349
Conc: 41.28 ug/ml

Instrument :

FID_E

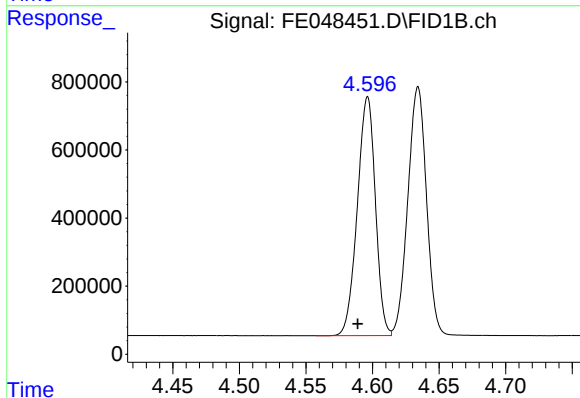
ClientSampleId :

PB161193BS

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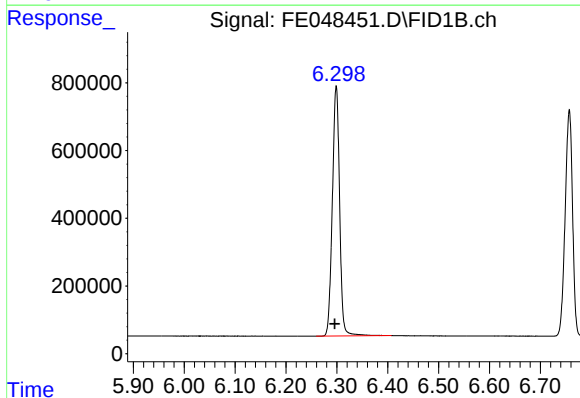
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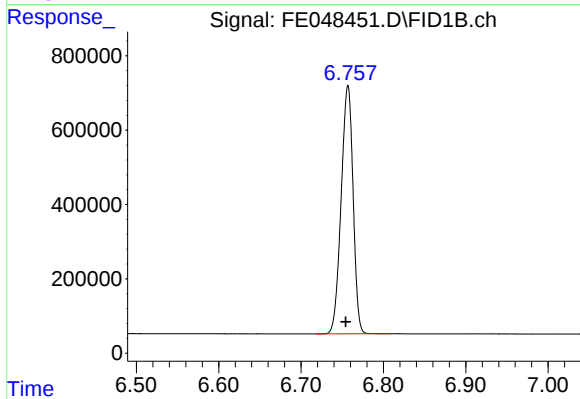
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.007 min
Response: 6630675
Conc: 43.91 ug/ml



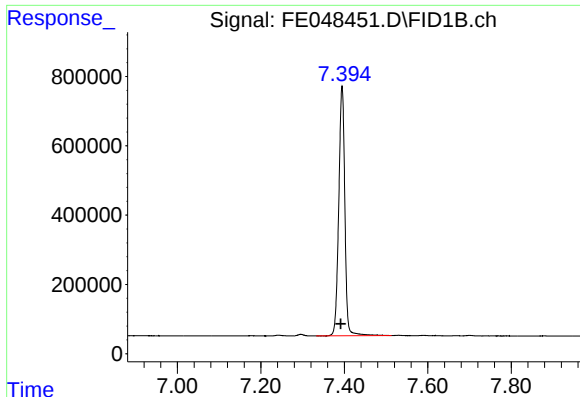
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: 0.003 min
Response: 7326335
Conc: 49.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 6715531
Conc: 45.37 ug/ml



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

R.T.: 7.395 min
Delta R.T.: 0.003 min
Response: 7320456
Conc: 52.80 ug/ml

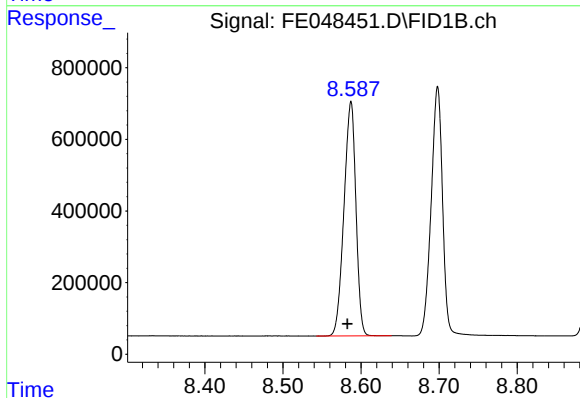
Instrument :

FID_E

ClientSampleId :
PB161193BS

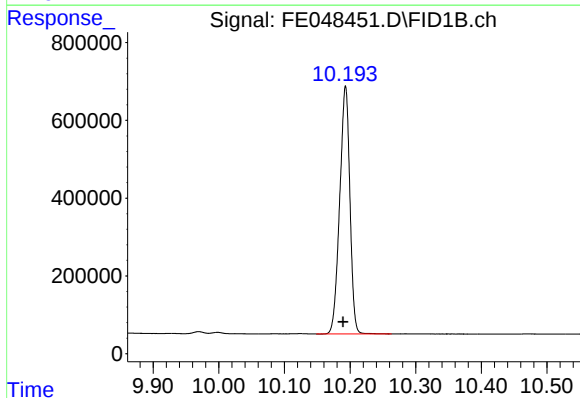
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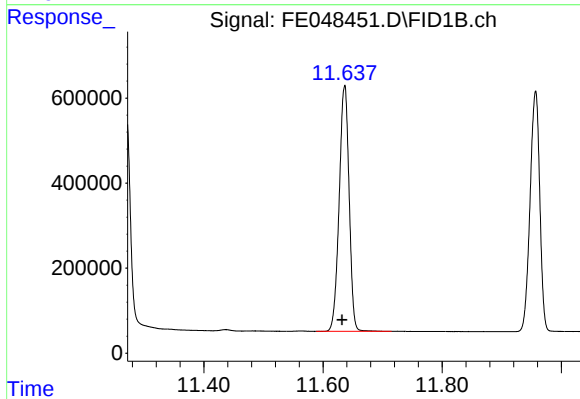
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: 0.005 min
Response: 6950633
Conc: 49.01 ug/ml



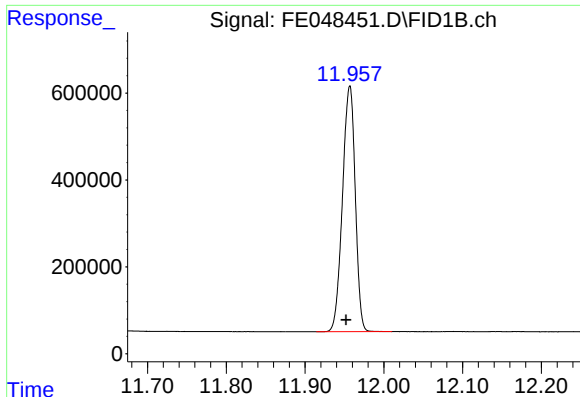
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.004 min
Response: 6871004
Conc: 48.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: 0.005 min
Response: 6695004
Conc: 48.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: 0.005 min
Response: 6376071
Conc: 44.40 ug/ml

Instrument :

FID_E

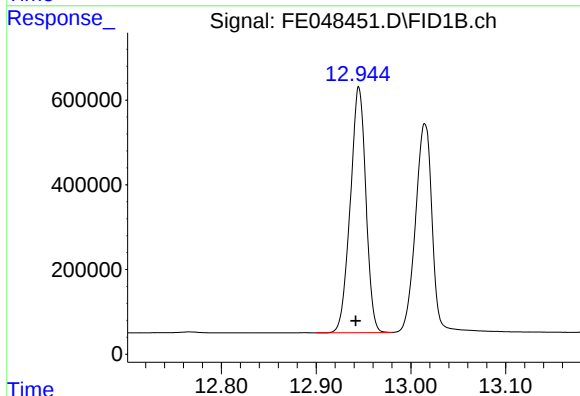
ClientSampleId :

PB161193BS

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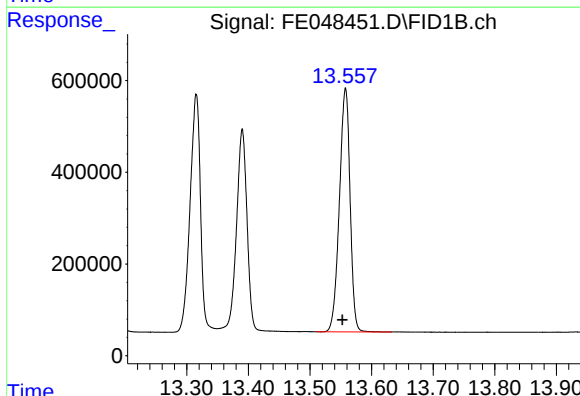
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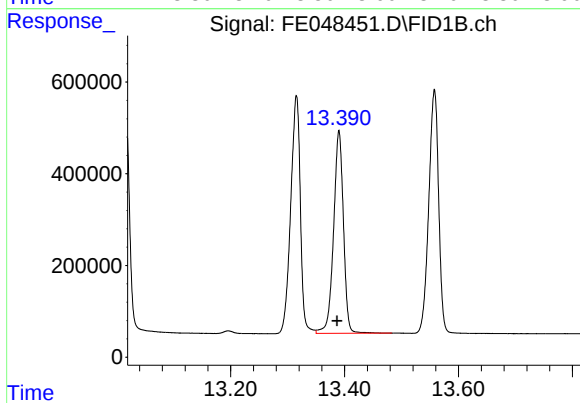
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 6622026
Conc: 50.04 ug/ml



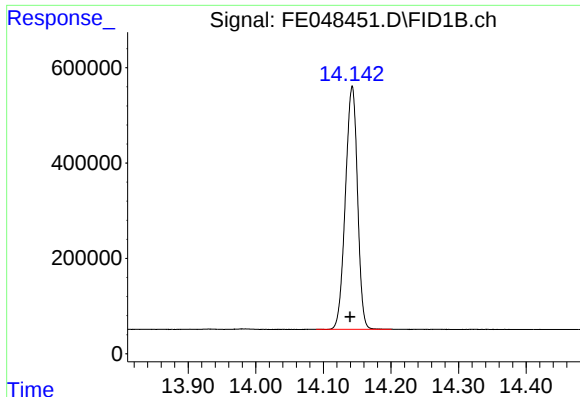
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.005 min
Response: 6388189
Conc: 49.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 5330332
Conc: 48.93 ug/ml



#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.003 min
Response: 6338329
Conc: 49.19 ug/ml

Instrument :

FID_E

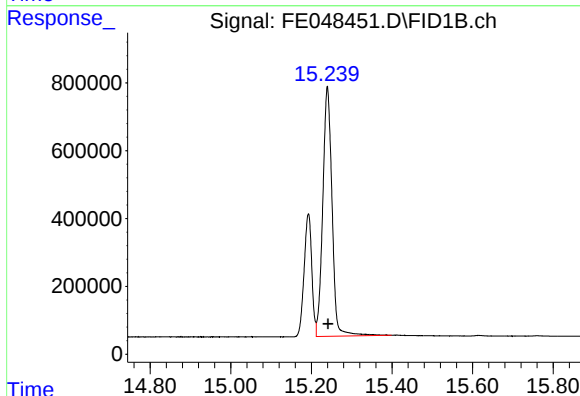
ClientSampleId :

PB161193BS

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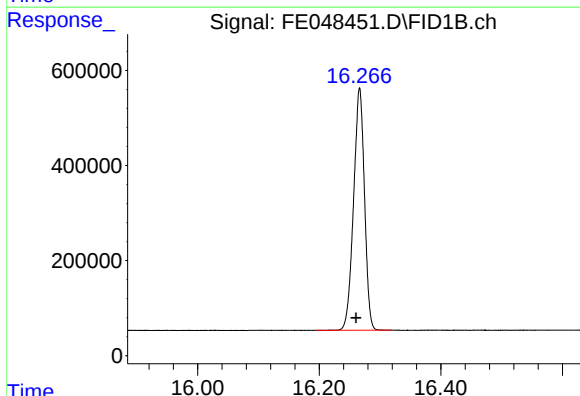
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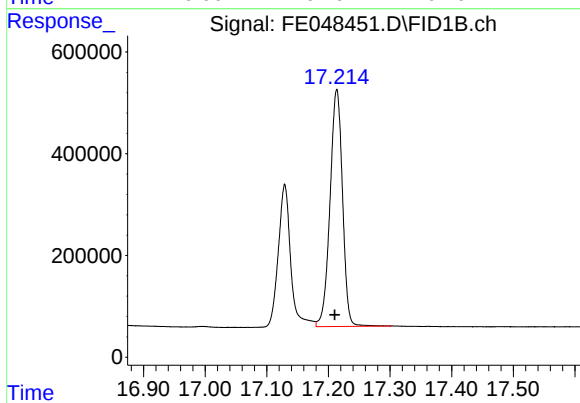
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.002 min
Response: 11750319
Conc: 90.70 ug/ml



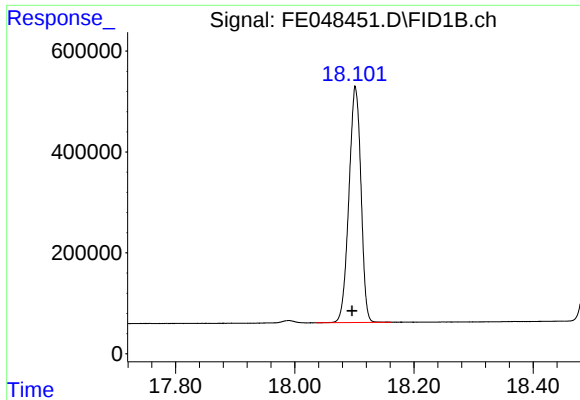
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.006 min
Response: 6352914
Conc: 49.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: 0.003 min
Response: 6570372
Conc: 50.83 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.005 min
Response: 6543439
Conc: 48.85 ug/ml

Instrument :

FID_E

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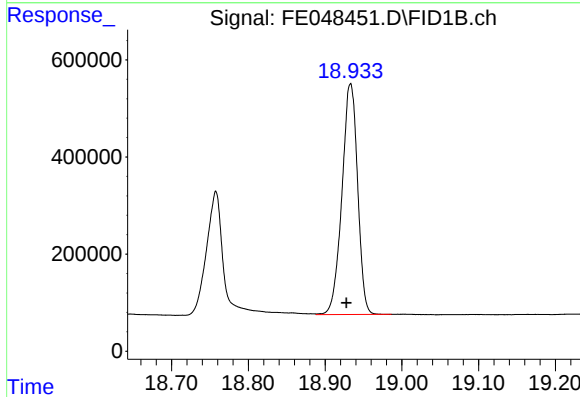
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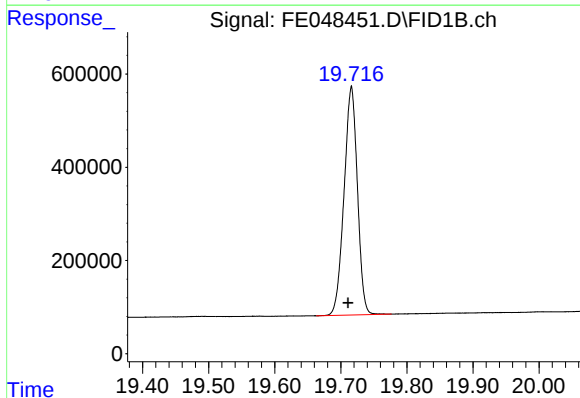
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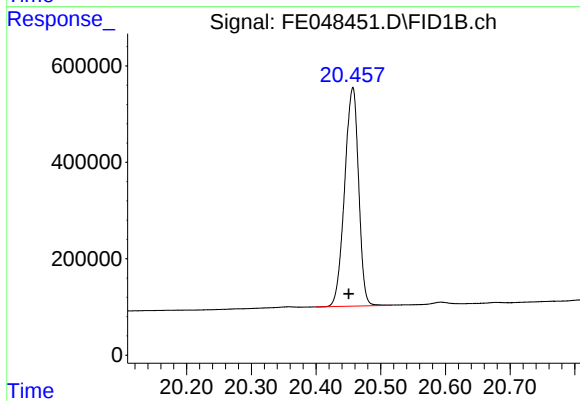
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.005 min
Response: 6749419
Conc: 49.72 ug/ml



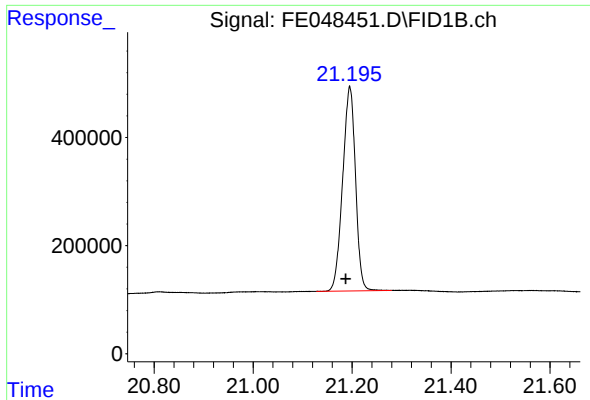
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.005 min
Response: 6883295
Conc: 50.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.006 min
Response: 6819760
Conc: 50.17 ug/ml



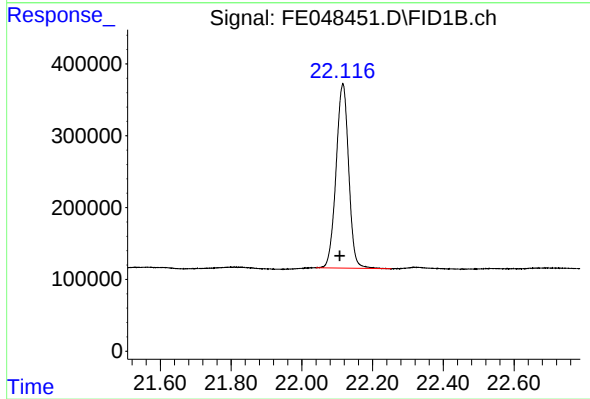
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.008 min
Response: 6811325
Conc: 49.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.009 min
Response: 6332632
Conc: 46.25 ug/ml