

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048452.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 13:44
 Operator : YP\AJ
 Sample : PB161193BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161193BSD

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 01:32:32 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)	11.958	6634407	46.202 ug/ml
Spiked Amount 50.000		Recovery =	92.40%
12) S 1-chlorooctadecane (S...	13.391	5549488	50.940 ug/ml
Spiked Amount 50.000		Recovery =	101.88%
Target Compounds			
1) T n-Nonane (C9)	3.353	6475540	43.313 ug/ml
2) T n-Decane (C10)	4.597	6930533	45.897 ug/ml
3) T A~Naphthalene (C11.7)	6.300	7623794	51.201 ug/ml
4) T n-Dodecane (C12)	6.757	6979604	47.151 ug/ml
5) T A~2-methylnaphthalene...	7.396	7620556	54.961 ug/ml
6) T n-Tetradecane (C14)	8.588	7218694	50.896 ug/ml
7) T n-Hexadecane (C16)	10.193	7134496	50.607 ug/ml
8) T n-Octadecane (C18)	11.637	6965214	50.151 ug/ml
10) T n-Eicosane (C20)	12.947	6898687	52.130 ug/ml
11) T n-Heneicosane (C21)	13.557	6650943	51.347 ug/ml
13) T n-Docosane (C22)	14.144	6601589	51.230 ug/ml
14) T n-Tetracosane (C24)	15.241	12254109	94.590 ug/ml
15) T n-Hexacosane (C26)	16.267	6599391	50.919 ug/ml
16) T n-Octacosane (C28)	17.215	6792609	52.553 ug/ml
17) T n-Tricontane (C30)	18.103	6797818	50.744 ug/ml
18) T n-Dotriacontane (C32)	18.933	7030848	51.796 ug/ml
19) T n-Tetratriacontane (C34)	19.716	7149025	52.259 ug/mlm
20) T n-Hexatriacontane (C36)	20.456	7097224	52.210 ug/ml
21) T n-Octatriacontane (C38)	21.196	7085375	51.956 ug/ml
22) T n-Tetracontane (C40)	22.118	6667269	48.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB161193BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

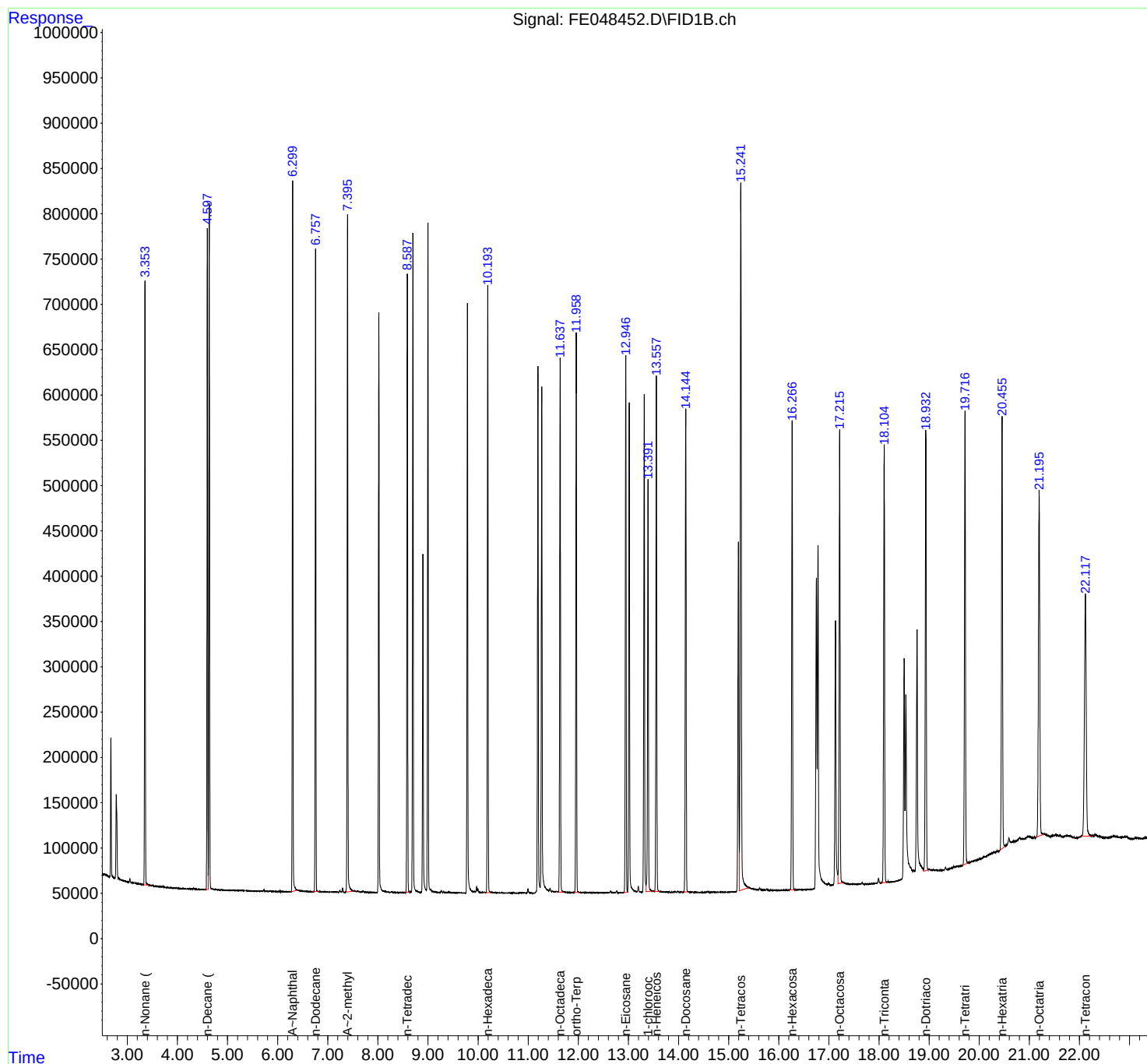
Instrument :
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PB161193BSD

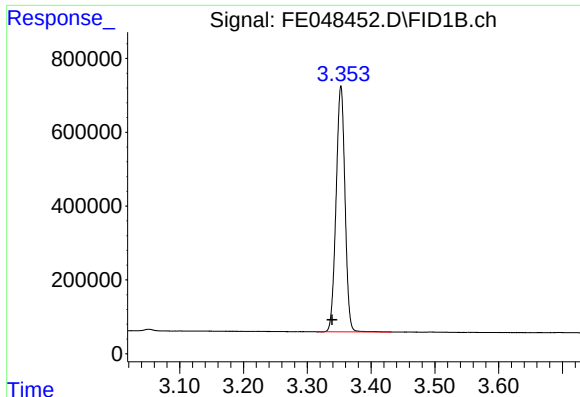
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#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.014 min
Response: 6475540
Conc: 43.31 ug/ml

Instrument :

FID_E

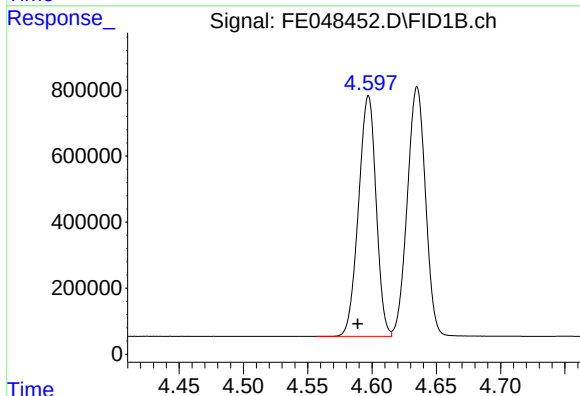
ClientSampleId :

PB161193BSD

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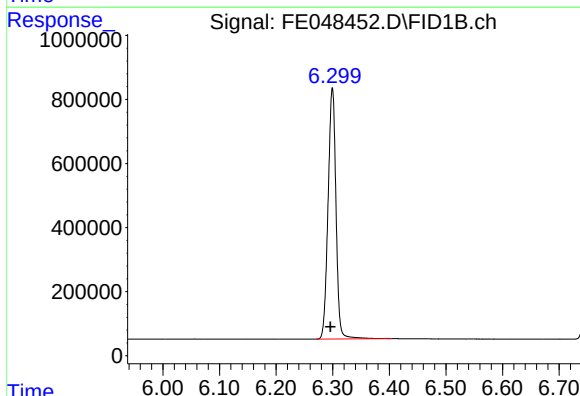
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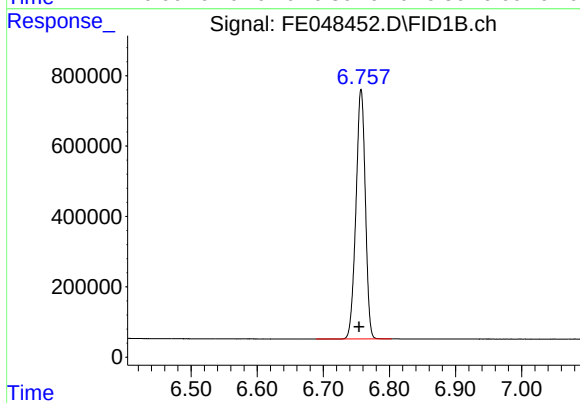
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.008 min
Response: 6930533
Conc: 45.90 ug/ml



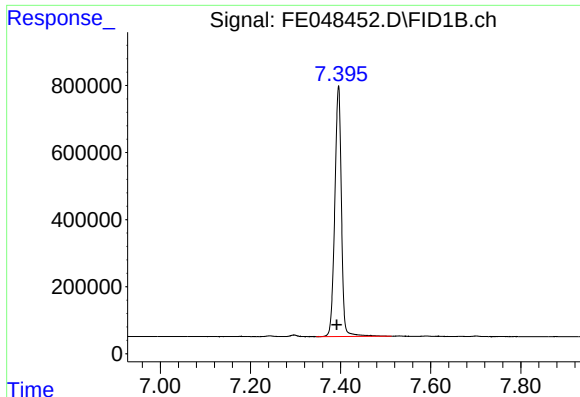
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: 0.004 min
Response: 7623794
Conc: 51.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 6979604
Conc: 47.15 ug/ml



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

R.T.: 7.396 min
Delta R.T.: 0.004 min
Response: 7620556
Conc: 54.96 ug/ml

Instrument :

FID_E

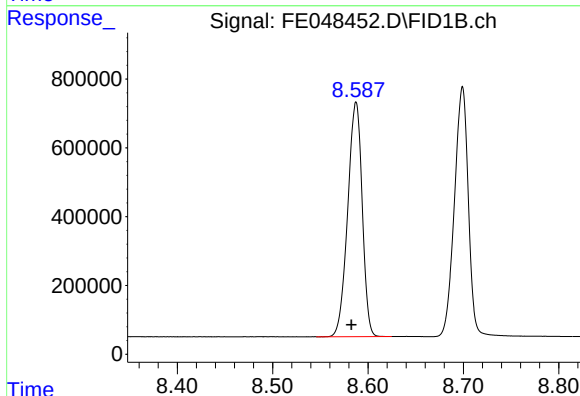
ClientSampleId :

PB161193BSD

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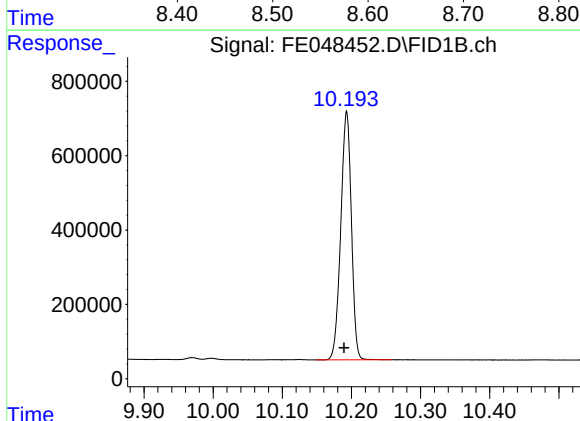
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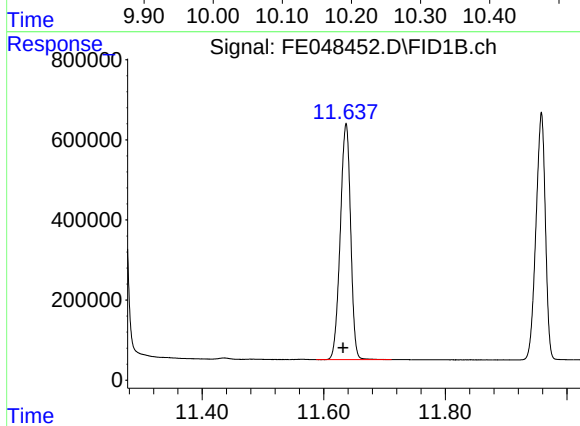
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: 0.005 min
Response: 7218694
Conc: 50.90 ug/ml



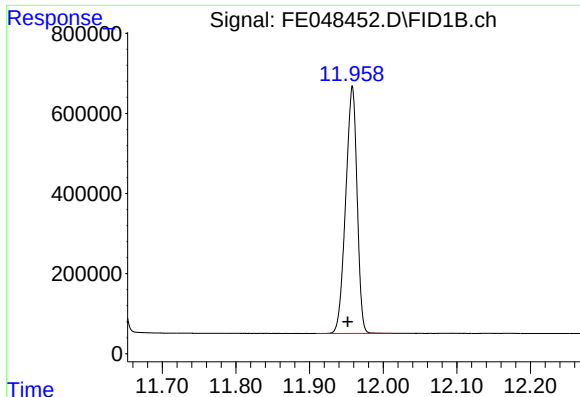
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.004 min
Response: 7134496
Conc: 50.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: 0.005 min
Response: 6965214
Conc: 50.15 ug/ml



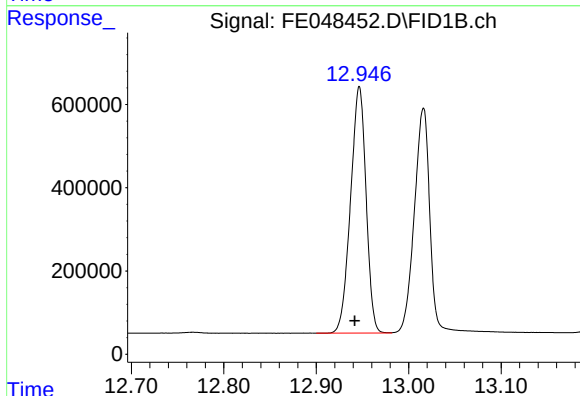
#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: 0.006 min
Response: 6634407
Conc: 46.20 ug/ml

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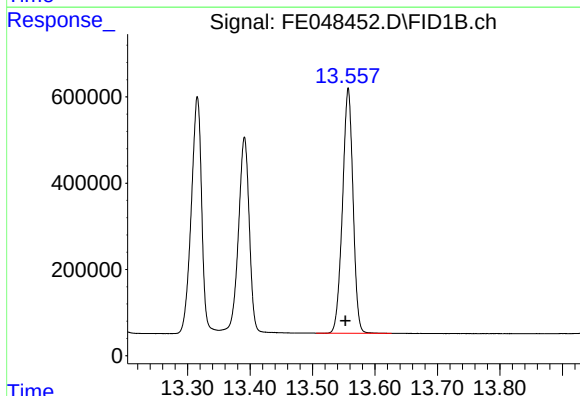
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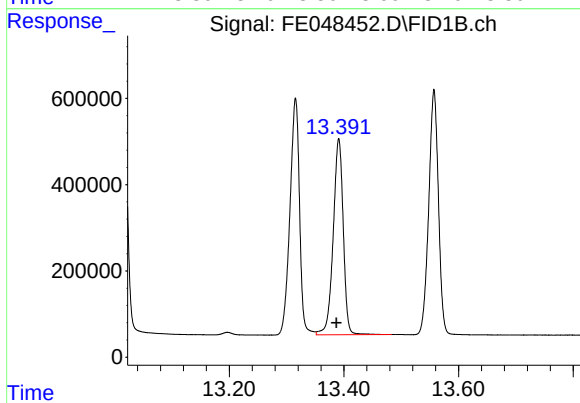
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: 0.005 min
Response: 6898687
Conc: 52.13 ug/ml



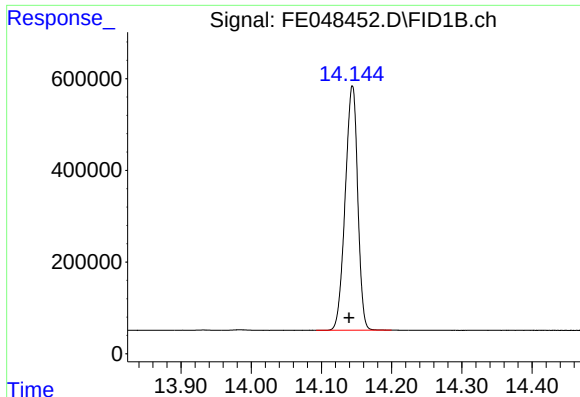
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.004 min
Response: 6650943
Conc: 51.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: 0.004 min
Response: 5549488
Conc: 50.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: 0.005 min
Response: 6601589
Conc: 51.23 ug/ml

Instrument :

FID_E

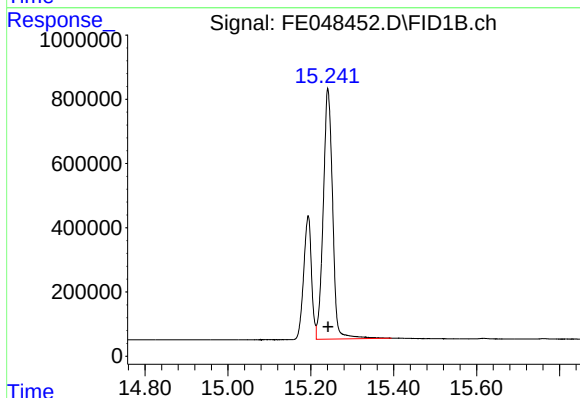
ClientSampleId :

PB161193BSD

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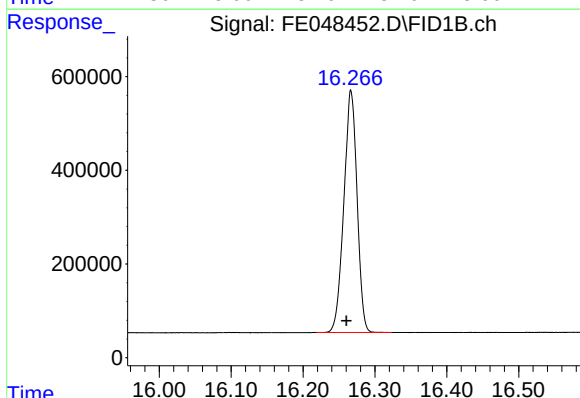
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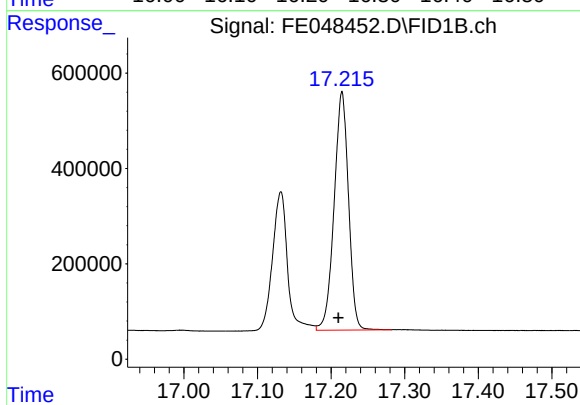
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.000 min
Response: 12254109
Conc: 94.59 ug/ml



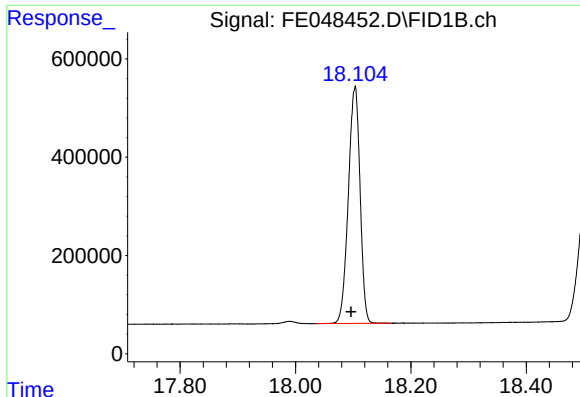
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.006 min
Response: 6599391
Conc: 50.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.005 min
Response: 6792609
Conc: 52.55 ug/ml



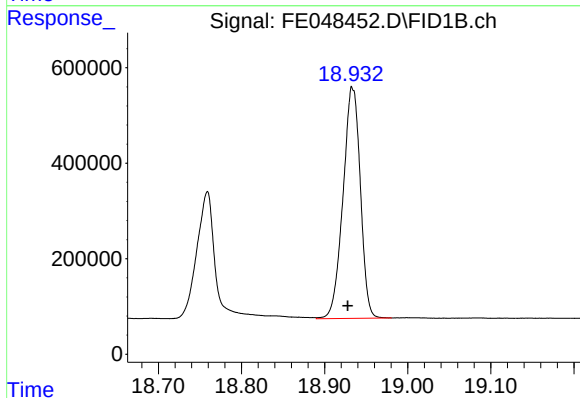
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.007 min
Response: 6797818
Conc: 50.74 ug/ml

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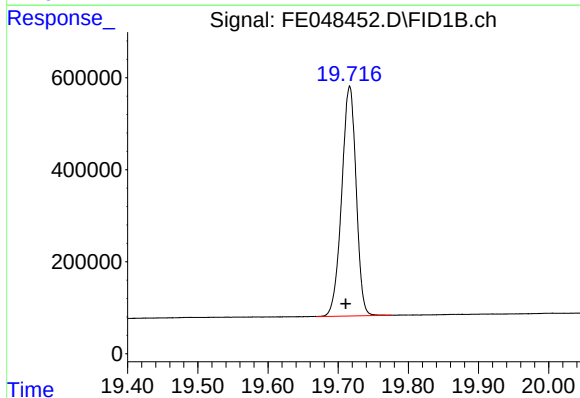
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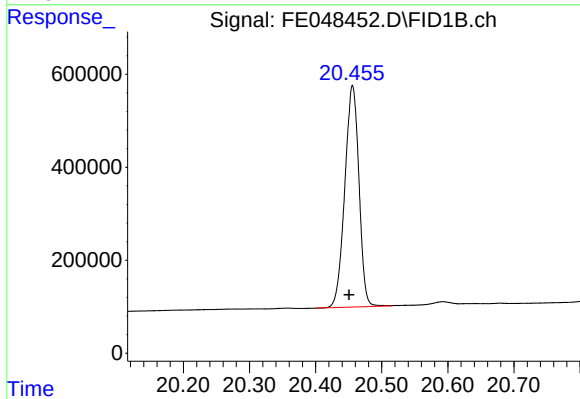
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.006 min
Response: 7030848
Conc: 51.80 ug/ml



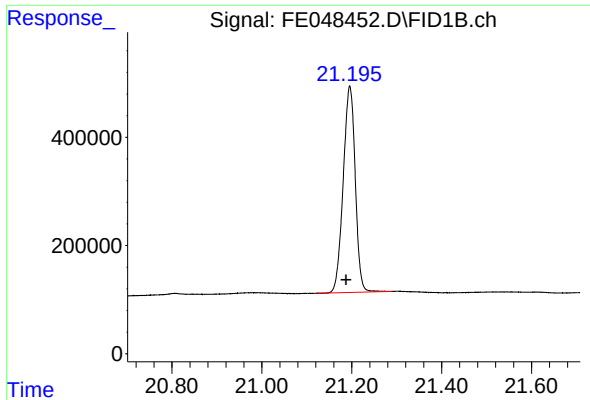
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.005 min
Response: 7149025
Conc: 52.26 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: 0.005 min
Response: 7097224
Conc: 52.21 ug/ml



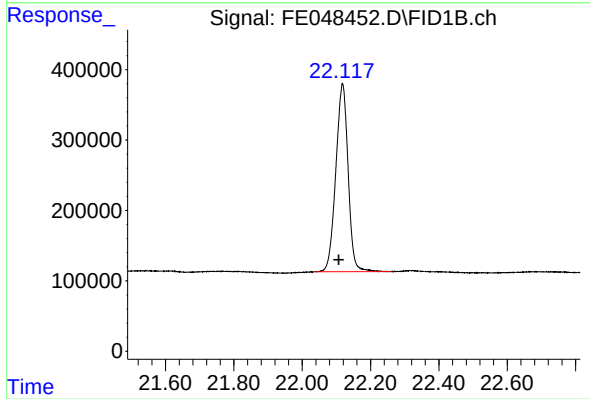
#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.008 min
Response: 7085375
Conc: 51.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: 0.011 min
Response: 6667269
Conc: 48.69 ug/ml