

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052924AL\
 Data File : FE048429.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2024 13:32
 Operator : YP\AJ
 Sample : PB161167BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161167BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/30/2024
 Supervised By :Ankita Jodhani 05/30/2024

Integration File: autoint1.e
 Quant Time: May 30 01:55:32 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)	11.957	6714887	46.762 ug/ml
Spiked Amount 50.000		Recovery =	93.52%
12) S 1-chlorooctadecane (S...	13.391	5621300	51.599 ug/ml
Spiked Amount 50.000		Recovery =	103.20%
Target Compounds			
1) T n-Nonane (C9)	3.349	5370647	35.923 ug/ml
2) T n-Decane (C10)	4.595	5730693	37.951 ug/ml
3) T A~Naphthalene (C11.7)	6.298	6239062	41.902 ug/ml
4) T n-Dodecane (C12)	6.756	5693796	38.465 ug/ml
5) T A~2-methylnaphthalene...	7.394	6324416	45.613 ug/ml
6) T n-Tetradecane (C14)	8.587	6207765	43.768 ug/ml
7) T n-Hexadecane (C16)	10.192	6439510	45.677 ug/ml
8) T n-Octadecane (C18)	11.636	6377162	45.917 ug/ml
10) T n-Eicosane (C20)	12.946	6343151	47.933 ug/ml
11) T n-Heneicosane (C21)	13.557	6132840	47.347 ug/ml
13) T n-Docosane (C22)	14.142	6092106	47.276 ug/ml
14) T n-Tetracosane (C24)	15.239	11234181	86.717 ug/ml
15) T n-Hexacosane (C26)	16.266	6090171	46.990 ug/ml
16) T n-Octacosane (C28)	17.214	6270781	48.515 ug/ml
17) T n-Tricontane (C30)	18.100	6267721	46.787 ug/ml
18) T n-Dotriacontane (C32)	18.931	6549009	48.246 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6648073	48.597 ug/mlm
20) T n-Hexatriacontane (C36)	20.455	6801384	50.034 ug/ml
21) T n-Octatriacontane (C38)	21.195	6929888	50.816 ug/ml
22) T n-Tetracontane (C40)	22.114	6911915	50.481 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB161167BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

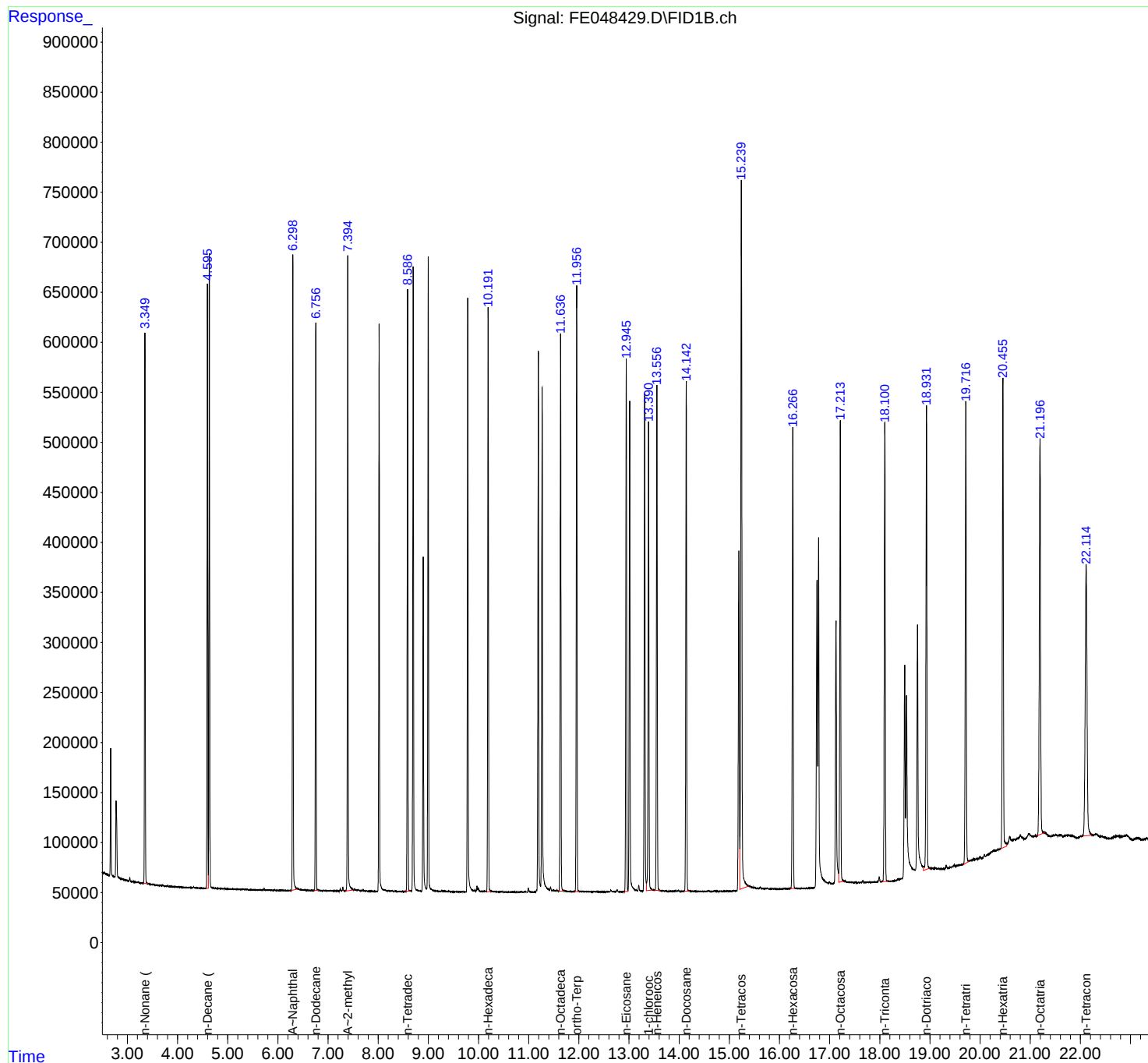
Instrument :
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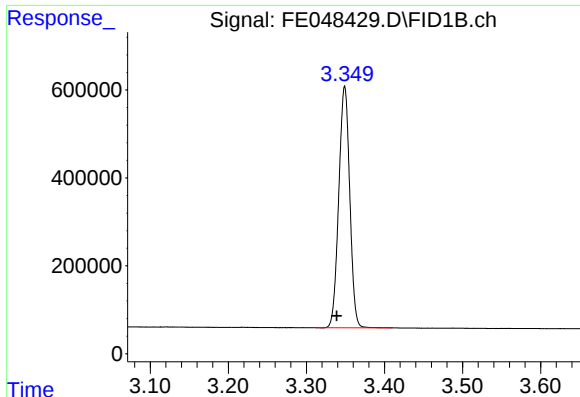
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: 0.010 min
Response: 5370647
Conc: 35.92 ug/ml

Instrument :

FID_E

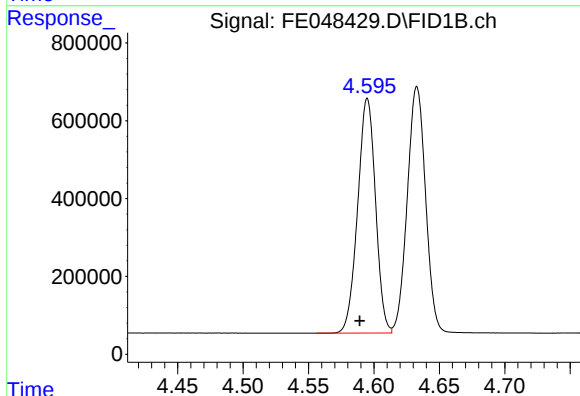
ClientSampleId :

PB161167BSD

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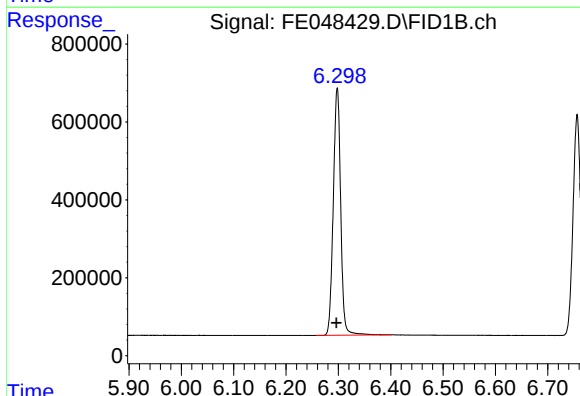
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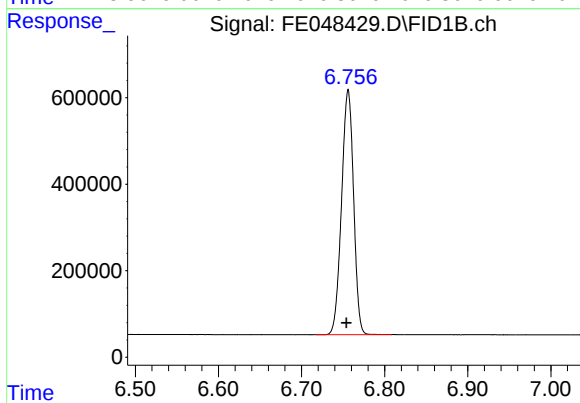
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.006 min
Response: 5730693
Conc: 37.95 ug/ml



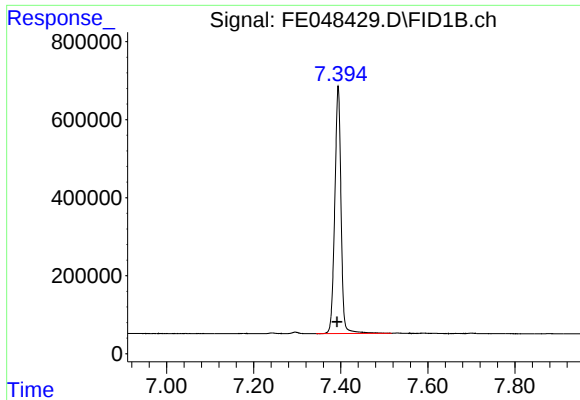
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: 0.002 min
Response: 6239062
Conc: 41.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 5693796
Conc: 38.46 ug/ml



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

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 6324416
Conc: 45.61 ug/ml

Instrument :

FID_E

ClientSampleId :

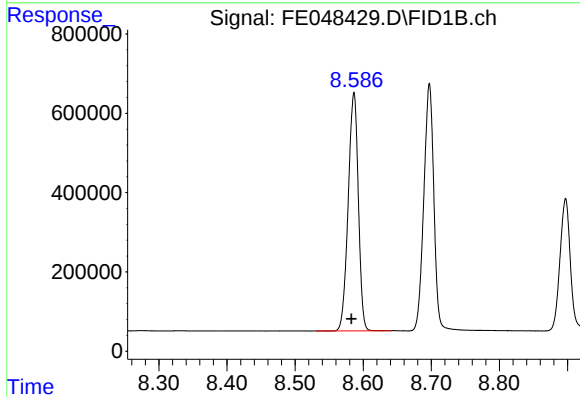
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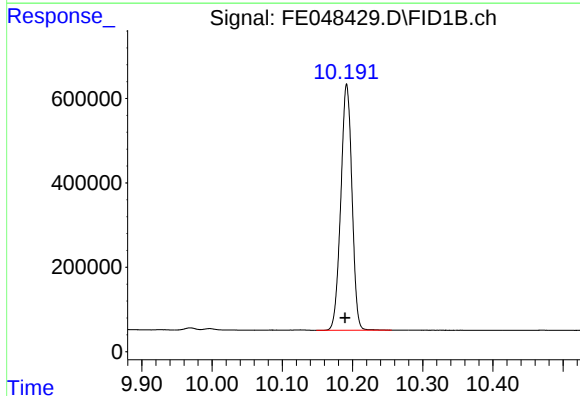
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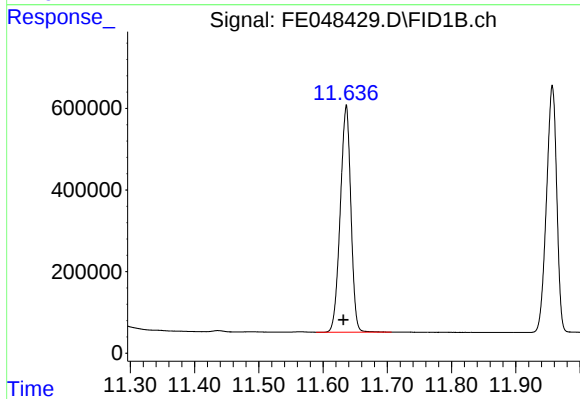
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: 0.004 min
Response: 6207765
Conc: 43.77 ug/ml



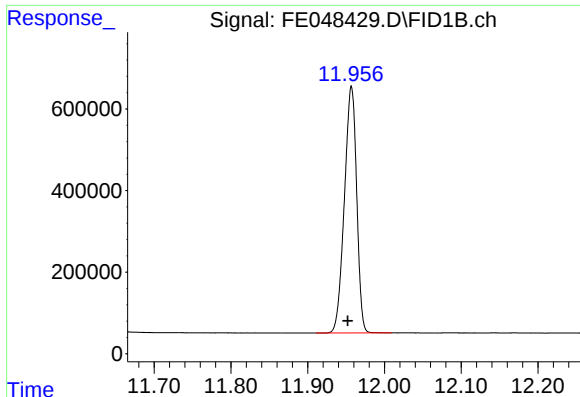
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.002 min
Response: 6439510
Conc: 45.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: 0.004 min
Response: 6377162
Conc: 45.92 ug/ml



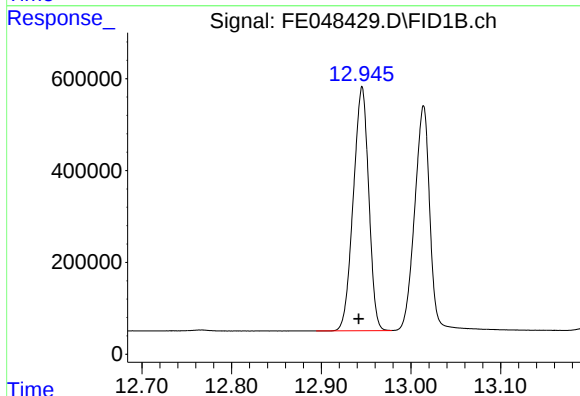
#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: 0.005 min
Response: 6714887
Conc: 46.76 ug/ml

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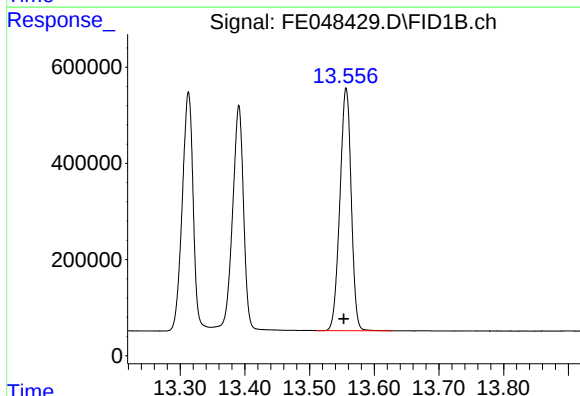
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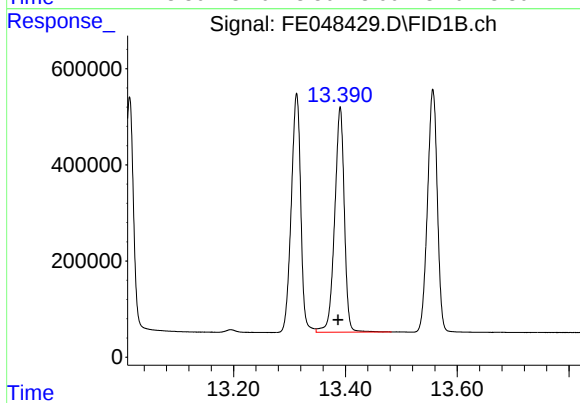
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: 0.004 min
Response: 6343151
Conc: 47.93 ug/ml



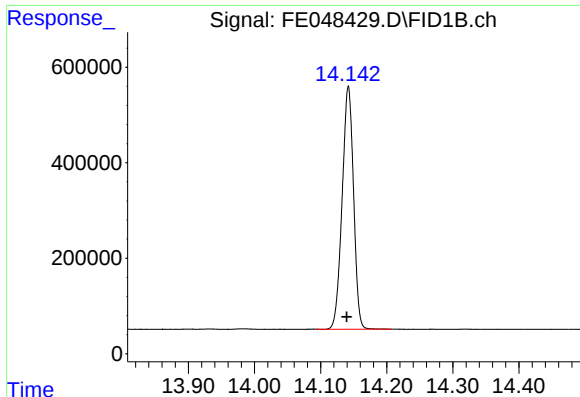
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.004 min
Response: 6132840
Conc: 47.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: 0.004 min
Response: 5621300
Conc: 51.60 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.003 min
Response: 6092106
Conc: 47.28 ug/ml

Instrument :

FID_E

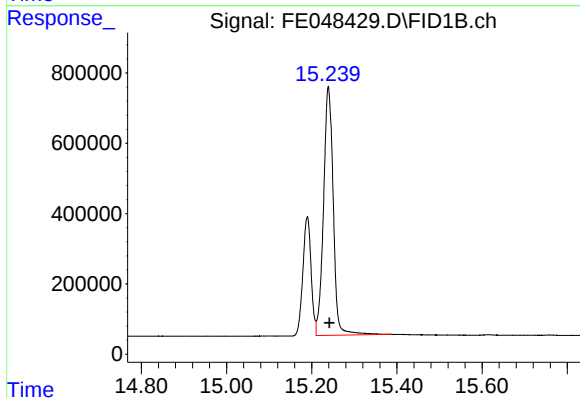
ClientSampleId :

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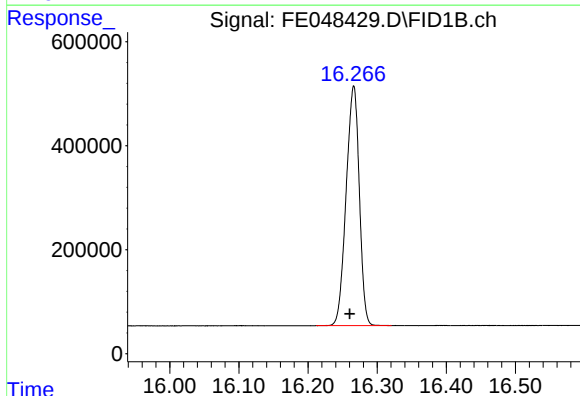
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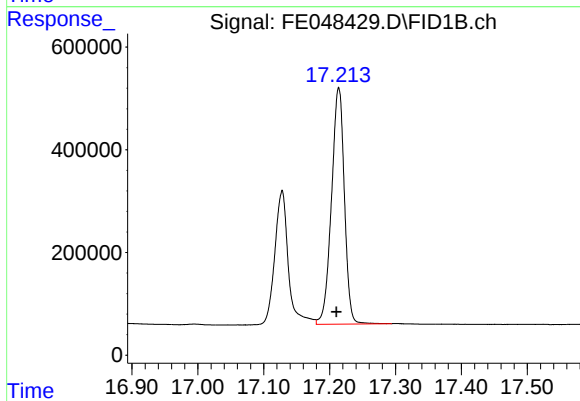
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.003 min
Response: 11234181
Conc: 86.72 ug/ml



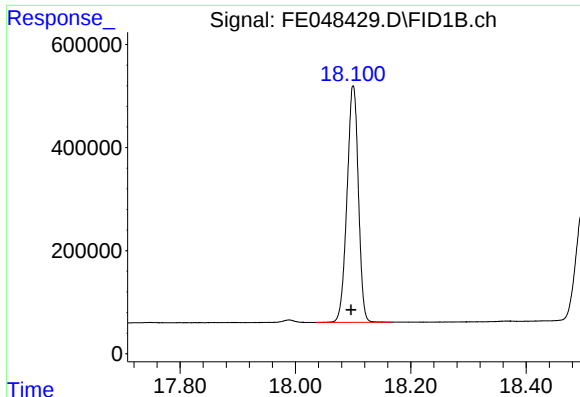
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.006 min
Response: 6090171
Conc: 46.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: 0.004 min
Response: 6270781
Conc: 48.52 ug/ml



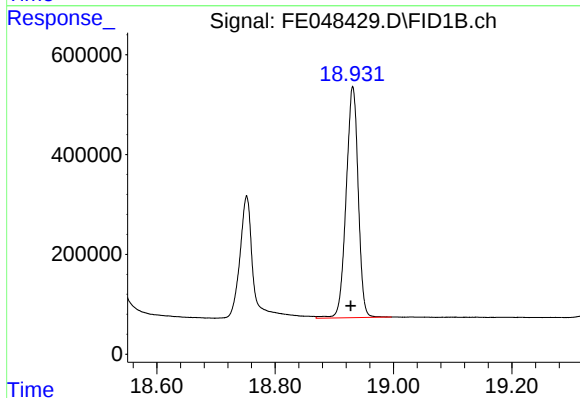
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: 0.004 min
Response: 6267721
Conc: 46.79 ug/ml

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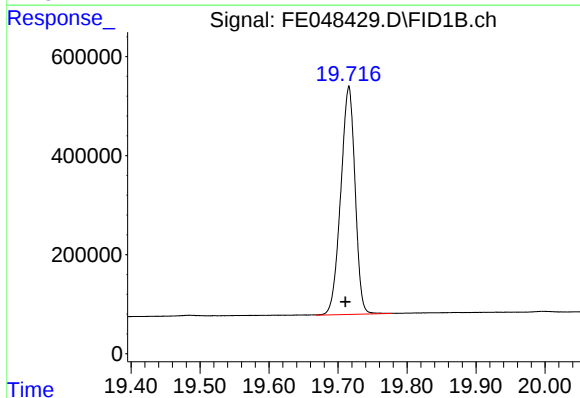
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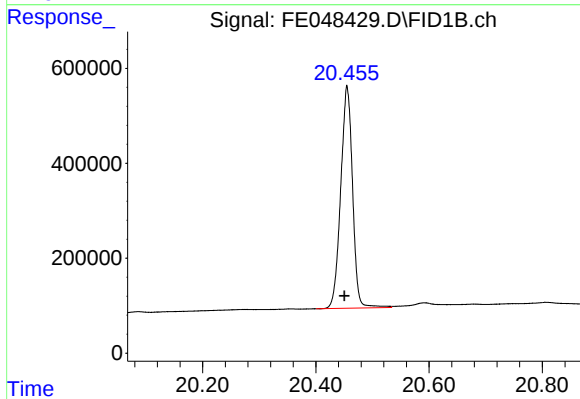
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: 0.004 min
Response: 6549009
Conc: 48.25 ug/ml



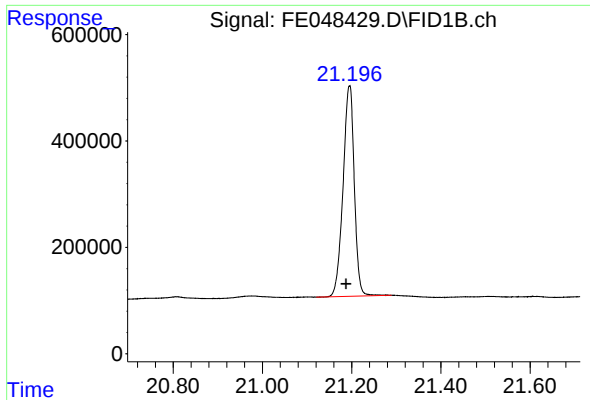
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.005 min
Response: 6648073
Conc: 48.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: 0.005 min
Response: 6801384
Conc: 50.03 ug/ml



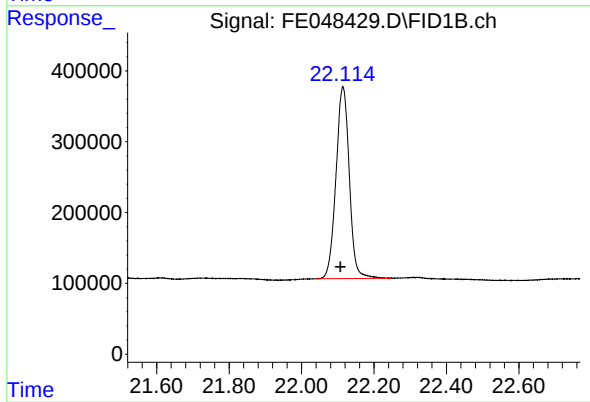
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.008 min
Response: 6929888
Conc: 50.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: 0.007 min
Response: 6911915
Conc: 50.48 ug/ml