

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050824AL\
 Data File : FE048036.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2024 19:14
 Operator : YP\AJ
 Sample : P2408-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-285MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e

Quant Time: May 09 01:24:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.972	5328610	36.936 ug/ml
Spiked Amount 50.000		Recovery =	73.87%
12) S 1-chlorooctadecane (S...	13.406	4466913	39.976 ug/mlm
Spiked Amount 50.000		Recovery =	79.95%
Target Compounds			
1) T n-Nonane (C9)	3.350	4069542	31.576 ug/ml
2) T n-Decane (C10)	4.603	4736640	35.978 ug/ml
3) T A~Naphthalene (C11.7)	6.311	5236801	37.925 ug/ml
4) T n-Dodecane (C12)	6.769	5337293	40.036 ug/ml
5) T A~2-methylnaphthalene...	7.408	5472108	41.120 ug/ml
6) T n-Tetradecane (C14)	8.600	5910562	44.601 ug/ml
7) T n-Hexadecane (C16)	10.208	6279013	45.655 ug/ml
8) T n-Octadecane (C18)	11.651	6560986	47.101 ug/ml
10) T n-Eicosane (C20)	12.961	6648127	49.376 ug/ml
11) T n-Heneicosane (C21)	13.573	6463234	48.825 ug/ml
13) T n-Docosane (C22)	14.159	6449608	48.669 ug/ml
14) T n-Tetracosane (C24)	15.256	11071185	83.146 ug/ml
15) T n-Hexacosane (C26)	16.284	6338481	47.499 ug/ml
16) T n-Octacosane (C28)	17.233	6547165	49.173 ug/ml
17) T n-Tricontane (C30)	18.123	6501932	47.111 ug/ml
18) T n-Dotriacontane (C32)	18.953	6491094	46.994 ug/ml
19) T n-Tetratriacontane (C34)	19.736	6724140	49.361 ug/ml
20) T n-Hexatriacontane (C36)	20.476	6686846	49.386 ug/ml
21) T n-Octatriacontane (C38)	21.219	6716439	48.646 ug/ml
22) T n-Tetracontane (C40)	22.148	6471612	46.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

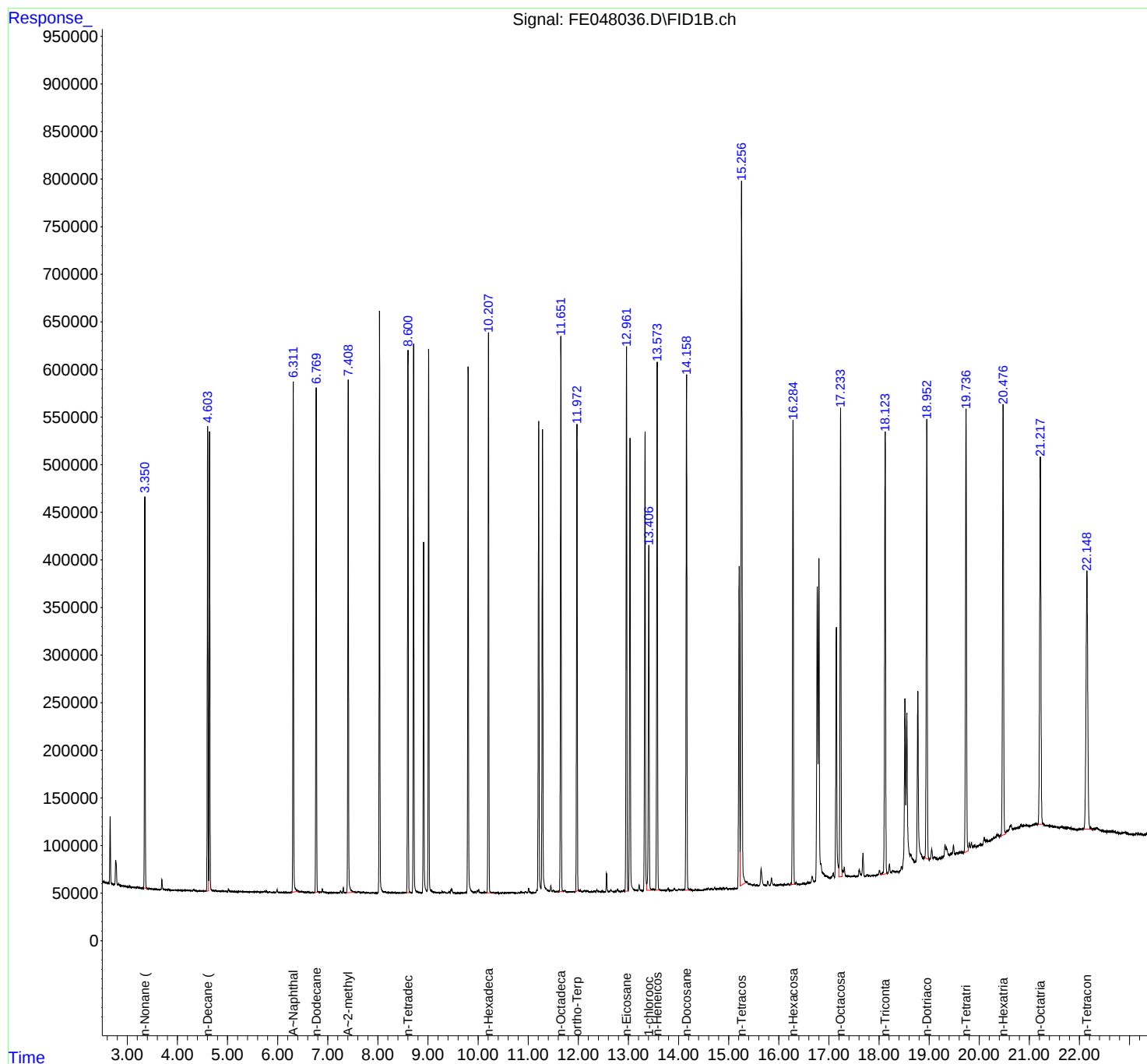
Instrument :
FID_E
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ETGI-285MS

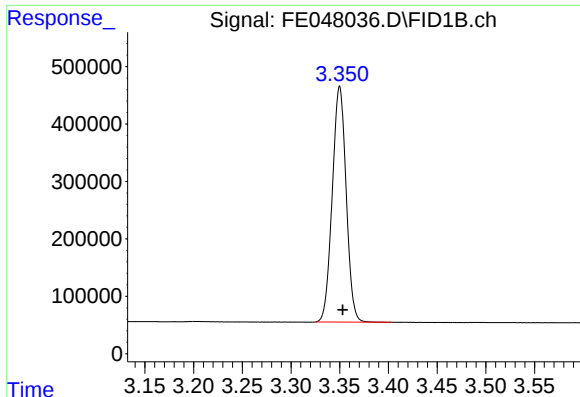
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.003 min
Response: 4069542
Conc: 31.58 ug/ml

Instrument :

FID_E

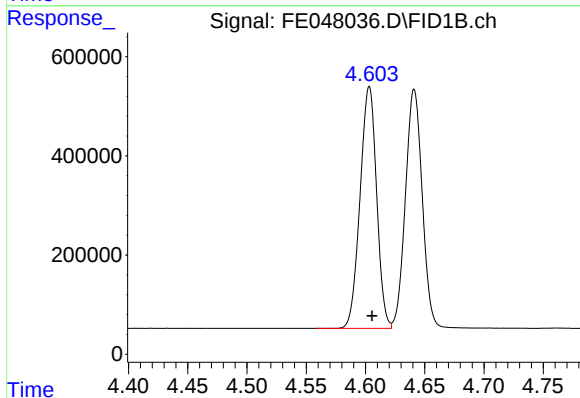
ClientSampleId :

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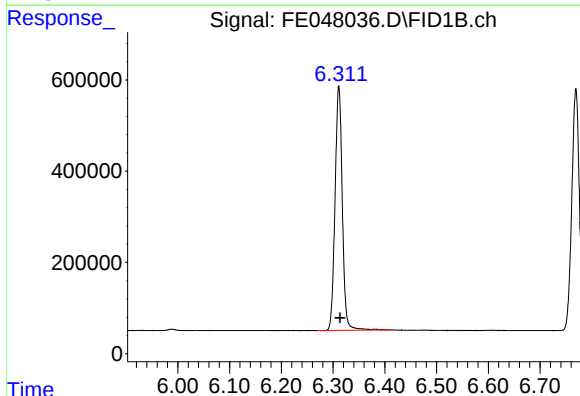
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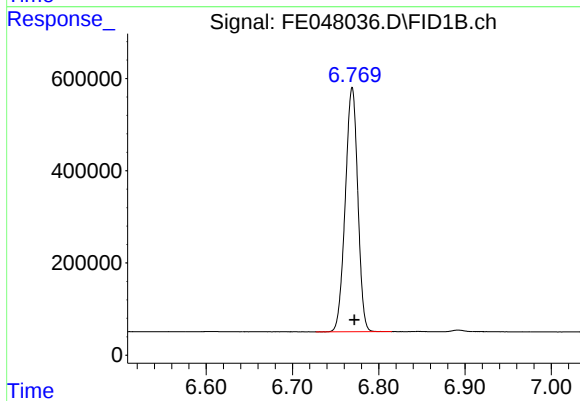
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 4736640
Conc: 35.98 ug/ml



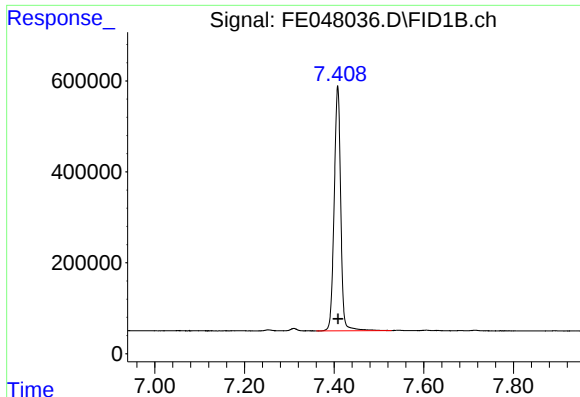
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.002 min
Response: 5236801
Conc: 37.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 5337293
Conc: 40.04 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 5472108
Conc: 41.12 ug/ml

Instrument :

FID_E

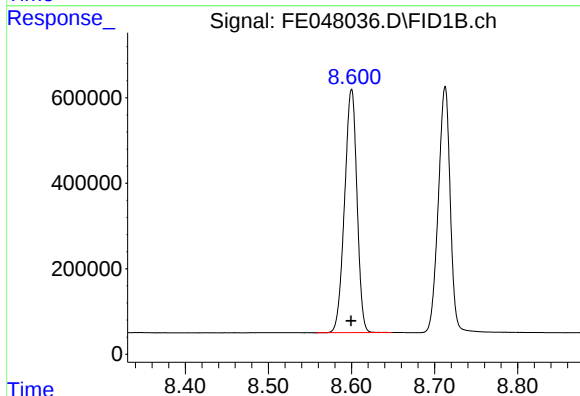
ClientSampleId :

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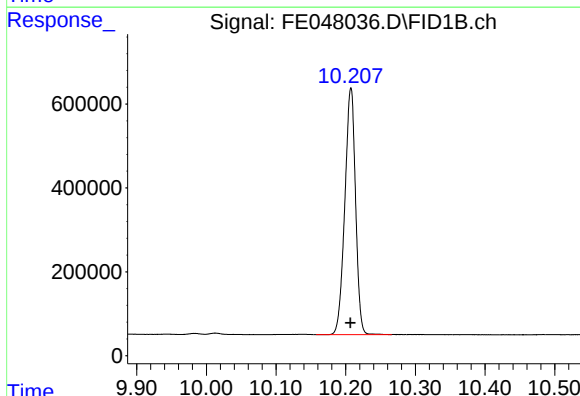
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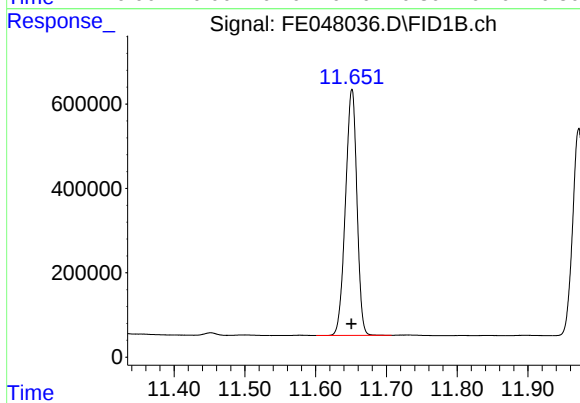
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 5910562
Conc: 44.60 ug/ml



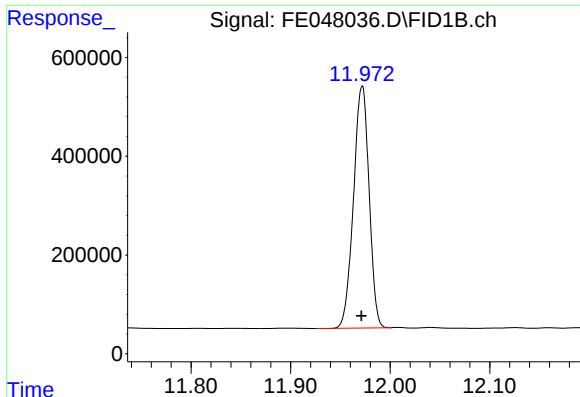
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: 0.000 min
Response: 6279013
Conc: 45.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 6560986
Conc: 47.10 ug/ml



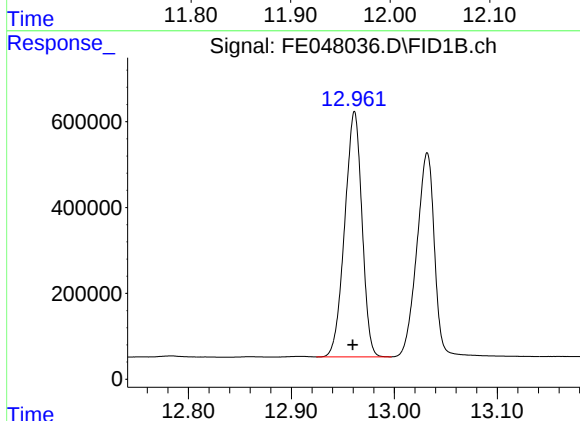
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 5328610
Conc: 36.94 ug/ml

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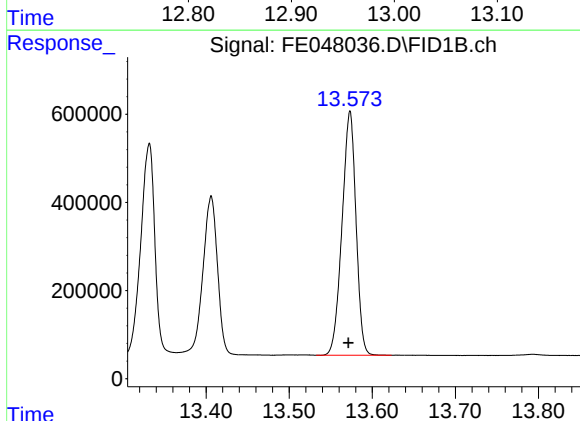
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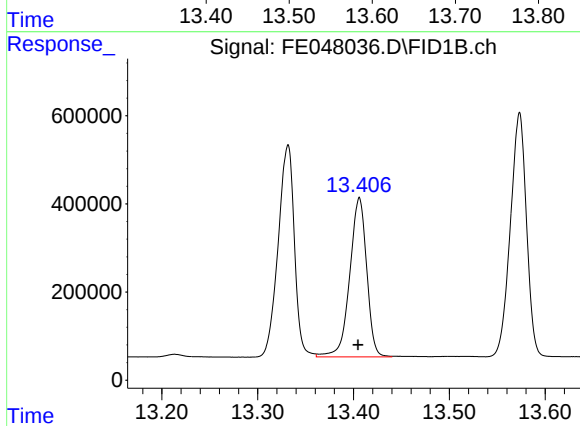
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.002 min
Response: 6648127
Conc: 49.38 ug/ml



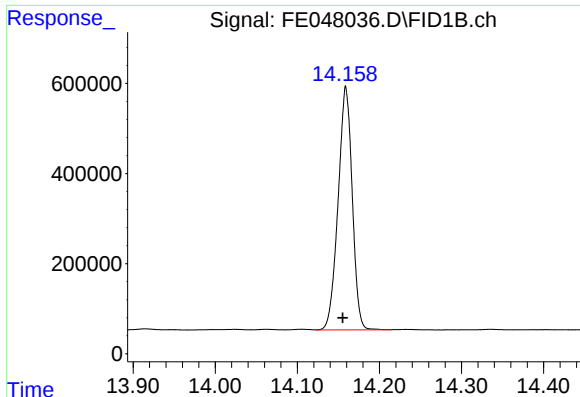
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.002 min
Response: 6463234
Conc: 48.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 4466913
Conc: 39.98 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.004 min
Response: 6449608
Conc: 48.67 ug/ml

Instrument :

FID_E

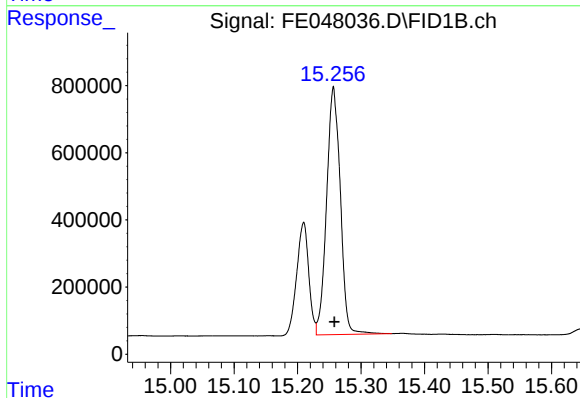
ClientSampleId :

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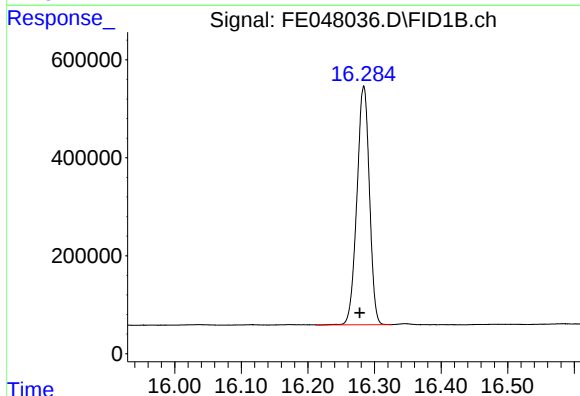
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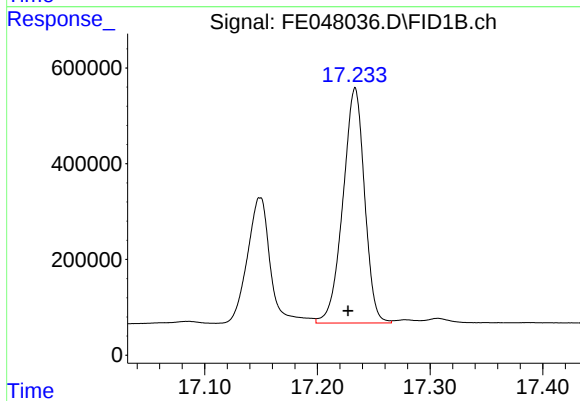
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 11071185
Conc: 83.15 ug/ml



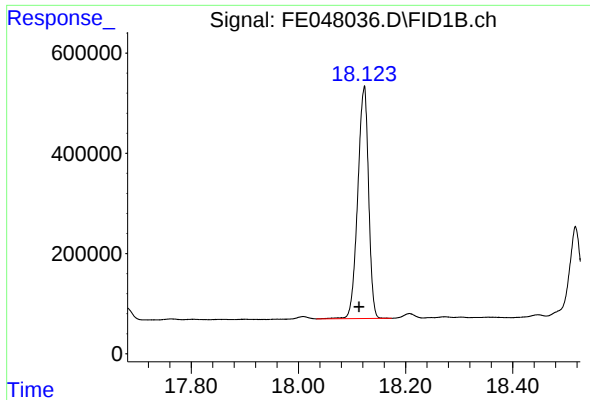
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 6338481
Conc: 47.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.006 min
Response: 6547165
Conc: 49.17 ug/ml



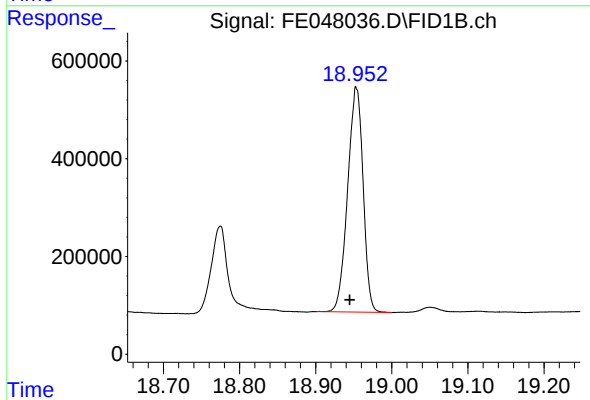
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.010 min
Response: 6501932
Conc: 47.11 ug/ml

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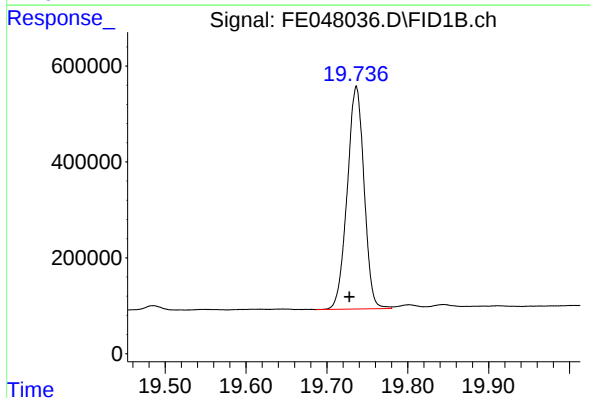
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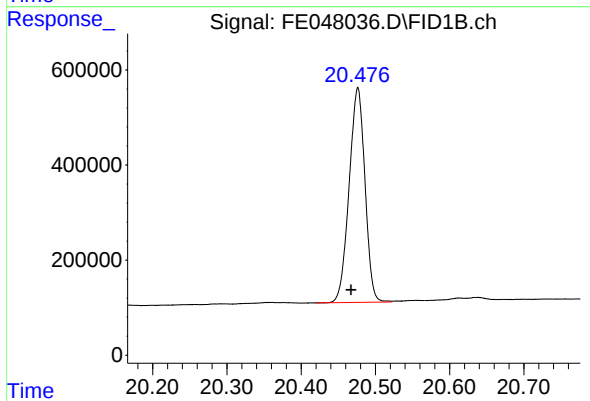
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.009 min
Response: 6491094
Conc: 46.99 ug/ml



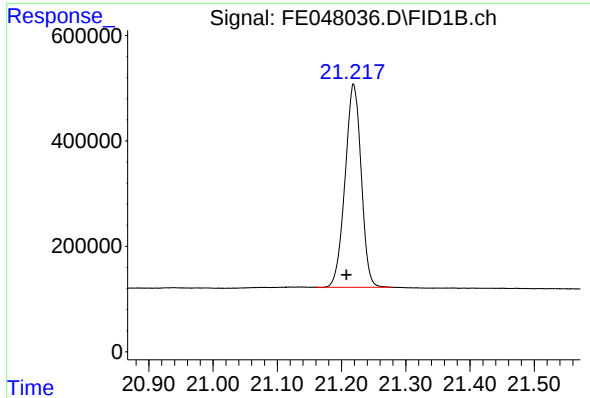
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.009 min
Response: 6724140
Conc: 49.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.009 min
Response: 6686846
Conc: 49.39 ug/ml



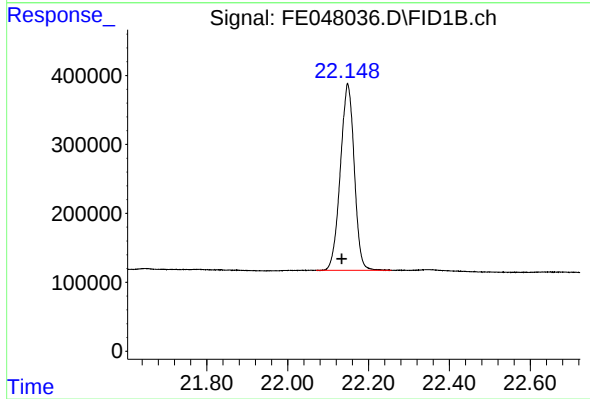
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.011 min
Response: 6716439
Conc: 48.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.014 min
Response: 6471612
Conc: 46.45 ug/ml