

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
 Data File : FE047987.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2024 16:13
 Operator : YP\AJ
 Sample : PB160726BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160726BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2024
 Supervised By :Ankita Jodhani 05/07/2024

Integration File: autoint1.e
 Quant Time: May 07 01:30:32 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)	11.978	6428280	44.559 ug/ml
Spiked Amount 50.000		Recovery =	89.12%
12) S 1-chlorooctadecane (S...	13.411	5305804	47.483 ug/mlm
Spiked Amount 50.000		Recovery =	94.97%
Target Compounds			
1) T n-Nonane (C9)	3.358	4876140	37.835 ug/ml
2) T n-Decane (C10)	4.609	5203028	39.520 ug/ml
3) T A~Naphthalene (C11.7)	6.317	5650670	40.922 ug/ml
4) T n-Dodecane (C12)	6.774	5678839	42.598 ug/ml
5) T A~2-methylnaphthalene...	7.414	5905900	44.380 ug/ml
6) T n-Tetradecane (C14)	8.605	6366781	48.043 ug/ml
7) T n-Hexadecane (C16)	10.212	6668126	48.484 ug/ml
8) T n-Octadecane (C18)	11.657	6868905	49.311 ug/ml
10) T n-Eicosane (C20)	12.967	6921783	51.408 ug/ml
11) T n-Heneicosane (C21)	13.578	6726643	50.815 ug/ml
13) T n-Docosane (C22)	14.165	6674368	50.365 ug/ml
14) T n-Tetracosane (C24)	15.264	11684495	87.752 ug/ml
15) T n-Hexacosane (C26)	16.289	6571011	49.242 ug/ml
16) T n-Octacosane (C28)	17.237	6751303	50.706 ug/ml
17) T n-Tricontane (C30)	18.126	6673178	48.352 ug/ml
18) T n-Dotriacontane (C32)	18.956	6730593	48.728 ug/ml
19) T n-Tetratriacontane (C34)	19.741	7095585	52.088 ug/ml
20) T n-Hexatriacontane (C36)	20.481	7214012	53.280 ug/ml
21) T n-Octatriacontane (C38)	21.226	7310340	52.948 ug/ml
22) T n-Tetracontane (C40)	22.156	7177897	51.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160726BS
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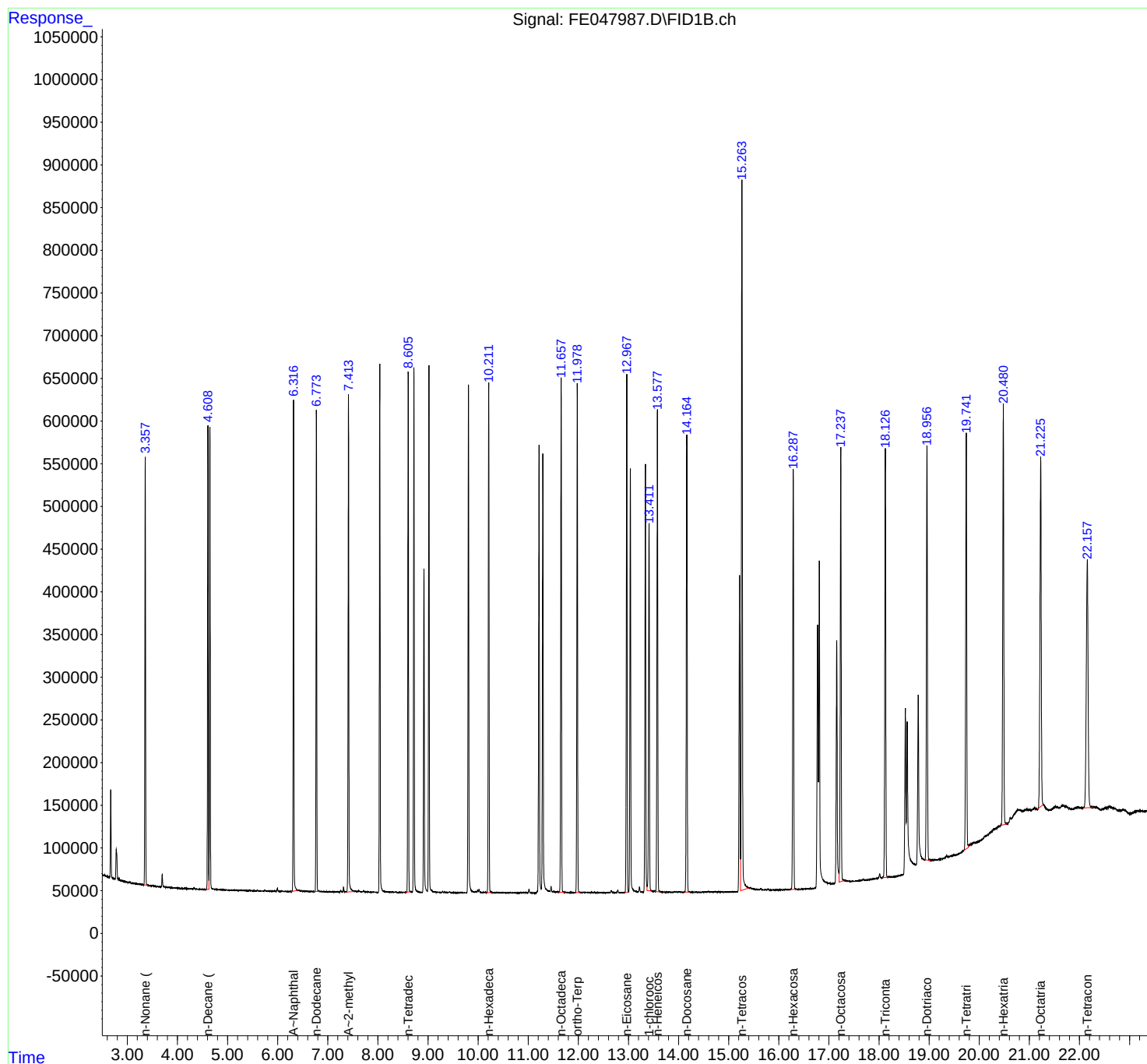
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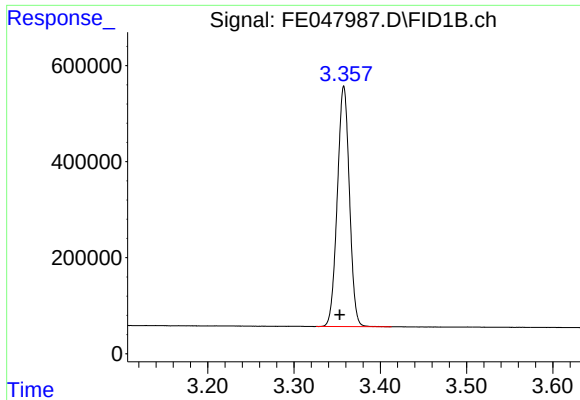
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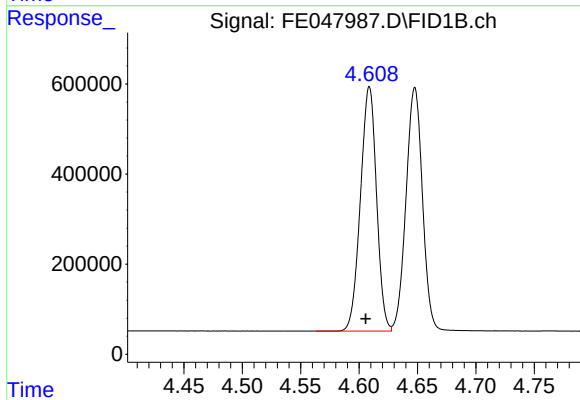
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.005 min
Response: 4876140
Conc: 37.83 ug/ml

Instrument :
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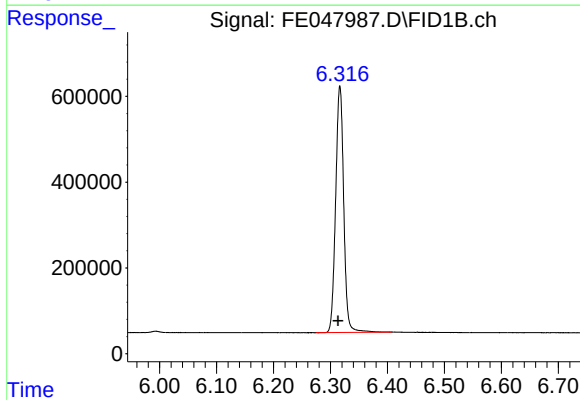
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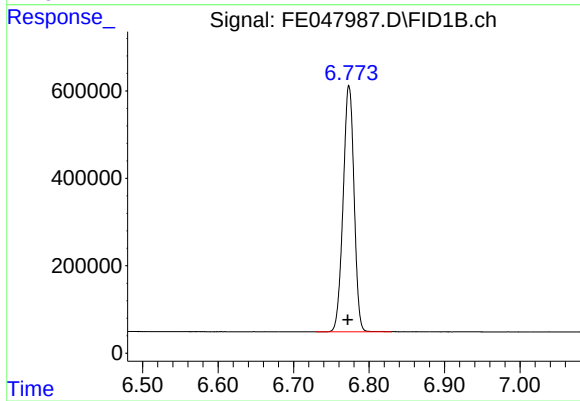
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.003 min
Response: 5203028
Conc: 39.52 ug/ml



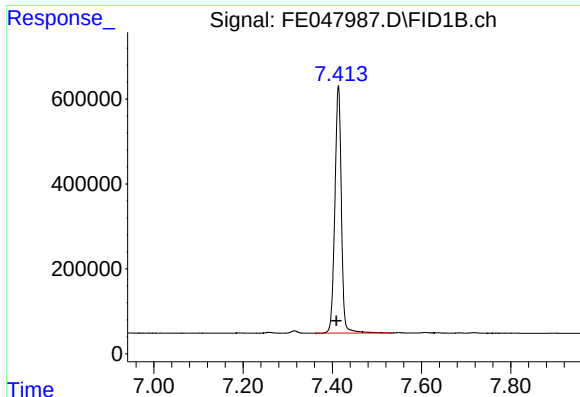
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.003 min
Response: 5650670
Conc: 40.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 5678839
Conc: 42.60 ug/ml



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

R.T.: 7.414 min
Delta R.T.: 0.005 min
Response: 5905900
Conc: 44.38 ug/ml

Instrument :

FID_E

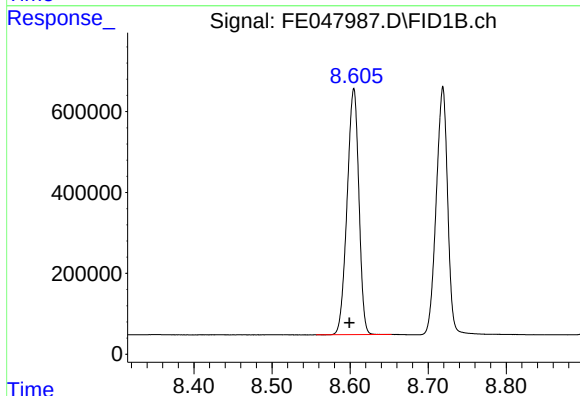
ClientSampleId :

PB160726BS

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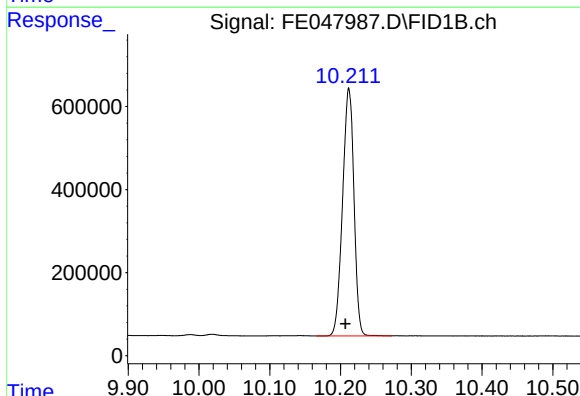
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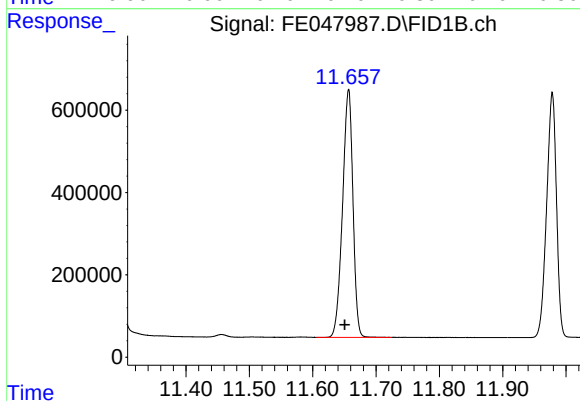
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.005 min
Response: 6366781
Conc: 48.04 ug/ml



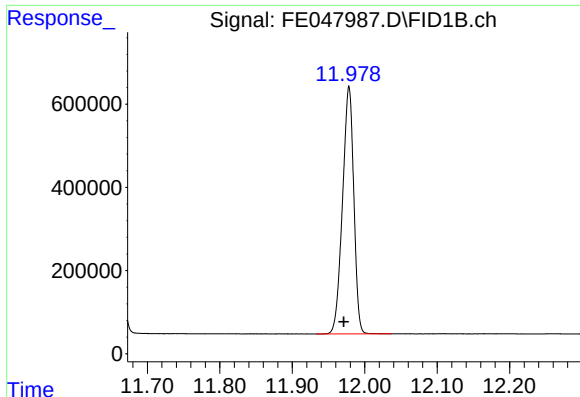
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.005 min
Response: 6668126
Conc: 48.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.006 min
Response: 6868905
Conc: 49.31 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.007 min
Response: 6428280
Conc: 44.56 ug/ml

Instrument :

FID_E

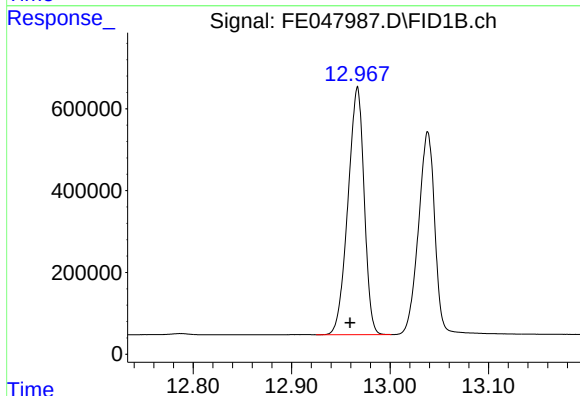
ClientSampleId :

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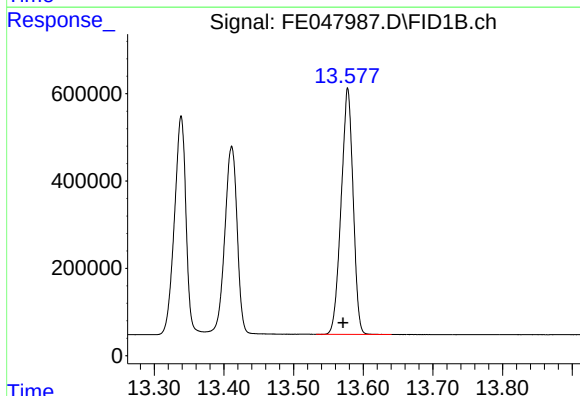
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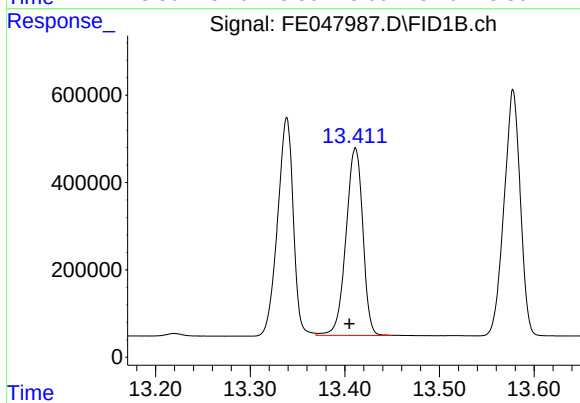
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.007 min
Response: 6921783
Conc: 51.41 ug/ml



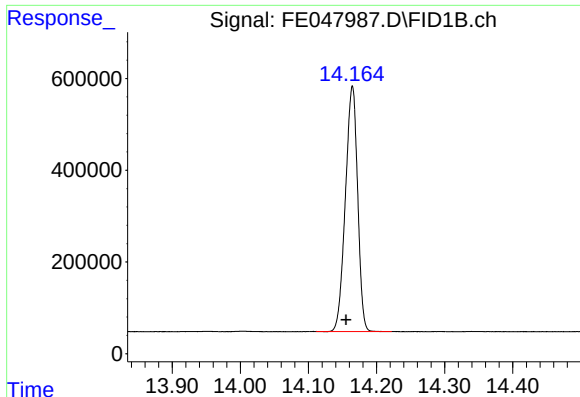
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.007 min
Response: 6726643
Conc: 50.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.006 min
Response: 5305804
Conc: 47.48 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: 0.009 min
Response: 6674368
Conc: 50.36 ug/ml

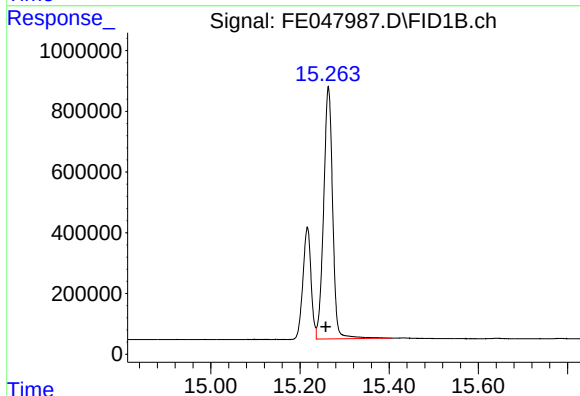
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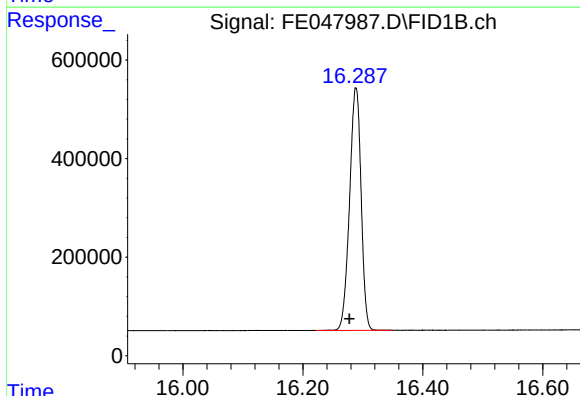
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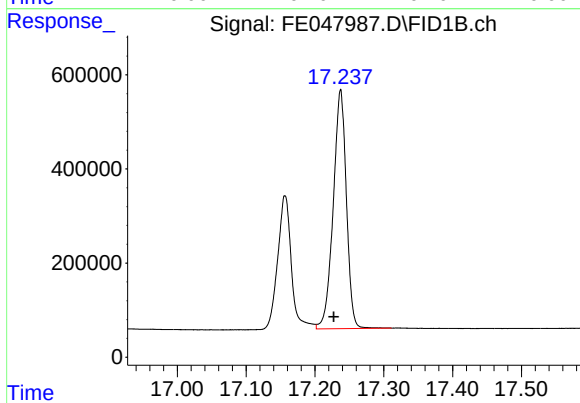
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.006 min
Response: 11684495
Conc: 87.75 ug/ml



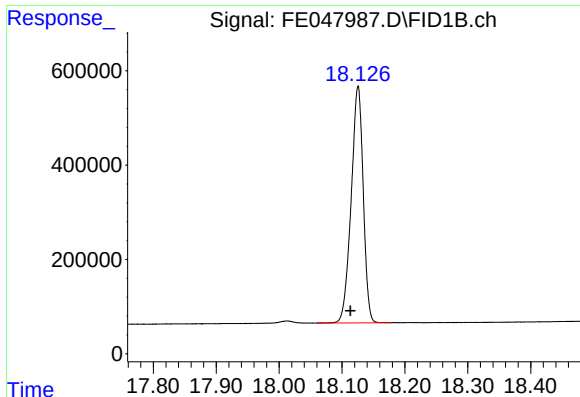
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.011 min
Response: 6571011
Conc: 49.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.010 min
Response: 6751303
Conc: 50.71 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.012 min
Response: 6673178
Conc: 48.35 ug/ml

Instrument :

FID_E

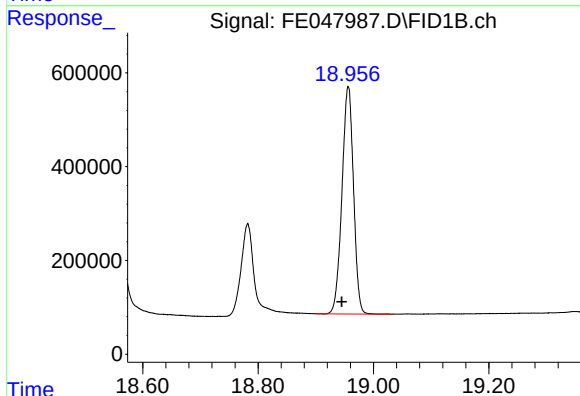
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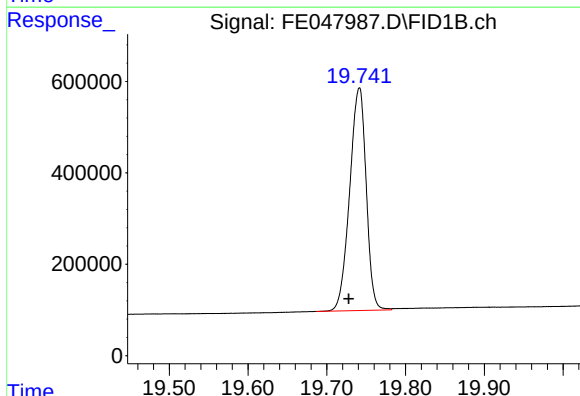
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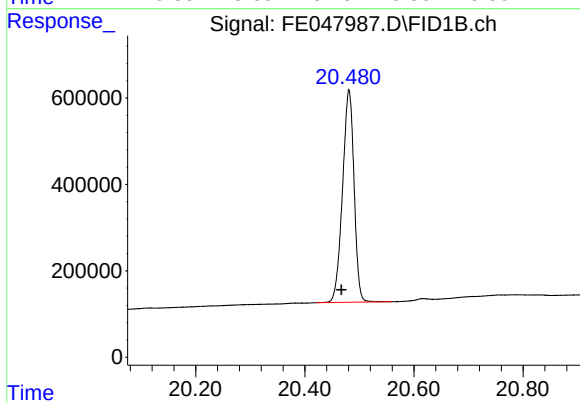
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.012 min
Response: 6730593
Conc: 48.73 ug/ml



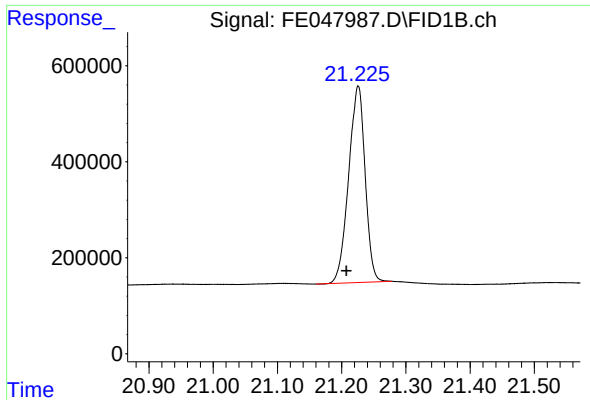
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.014 min
Response: 7095585
Conc: 52.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.014 min
Response: 7214012
Conc: 53.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.018 min
Response: 7310340
Conc: 52.95 ug/ml

Instrument :

FID_E

ClientSampleId :

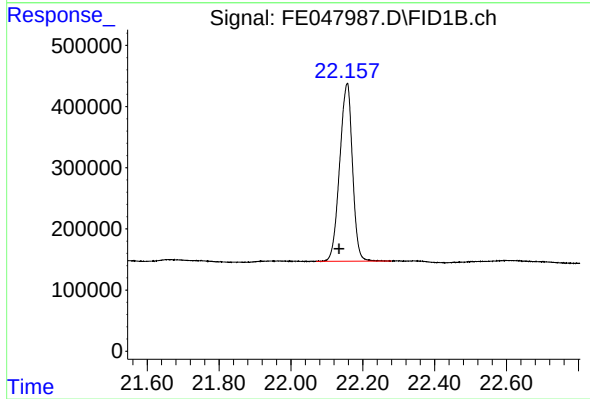
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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.022 min
Response: 7177897
Conc: 51.52 ug/ml