

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE02224AL\
 Data File : FE046905.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 16:29
 Operator : YP\AJ
 Sample : PB159208BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB159208BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: sample.E
 Quant Time: Feb 23 00:33:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.794	6224496	37.885 ug/ml
Spiked Amount 50.000		Recovery =	75.77%
12) S 1-chlorooctadecane (S...	13.235	5802389	47.136 ug/ml
Spiked Amount 50.000		Recovery =	94.27%
Target Compounds			
1) T n-Nonane (C9)	3.200	6206827	40.703 ug/ml
2) T n-Decane (C10)	4.443	6622751	42.760 ug/ml
3) T A~Naphthalene (C11.7)	6.142	8041822	51.059 ug/ml
4) T n-Dodecane (C12)	6.605	7716619	49.630 ug/ml
5) T A~2-methylnaphthalene...	7.237	8035349	56.035 ug/ml
6) T n-Tetradecane (C14)	8.432	7999861	51.880 ug/ml
7) T n-Hexadecane (C16)	10.038	7900458	49.793 ug/ml
8) T n-Octadecane (C18)	11.482	7923745	49.704 ug/ml
10) T n-Eicosane (C20)	12.792	7843832	51.820 ug/ml
11) T n-Heneicosane (C21)	13.404	7534513	50.881 ug/ml
13) T n-Docosane (C22)	13.989	7339470	50.445 ug/ml
14) T n-Tetracosane (C24)	15.094	16647725	116.567 ug/ml
15) T n-Hexacosane (C26)	16.115	7018426	50.225 ug/ml
16) T n-Octacosane (C28)	17.064	9612827	70.558 ug/mlm
17) T n-Tricontane (C30)	17.954	6906997	49.506 ug/ml
18) T n-Dotriacontane (C32)	18.787	7541910	54.810 ug/mlm
19) T n-Tetratriacontane (C34)	19.571	6482640	48.257 ug/ml
20) T n-Hexatriacontane (C36)	20.312	6198637	46.550 ug/ml
21) T n-Octatriacontane (C38)	21.035	6292471	45.668 ug/ml
22) T n-Tetracontane (C40)	21.911	6438267	45.632 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022224AL\
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Operator : YP\AJ
Sample : PB159208BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

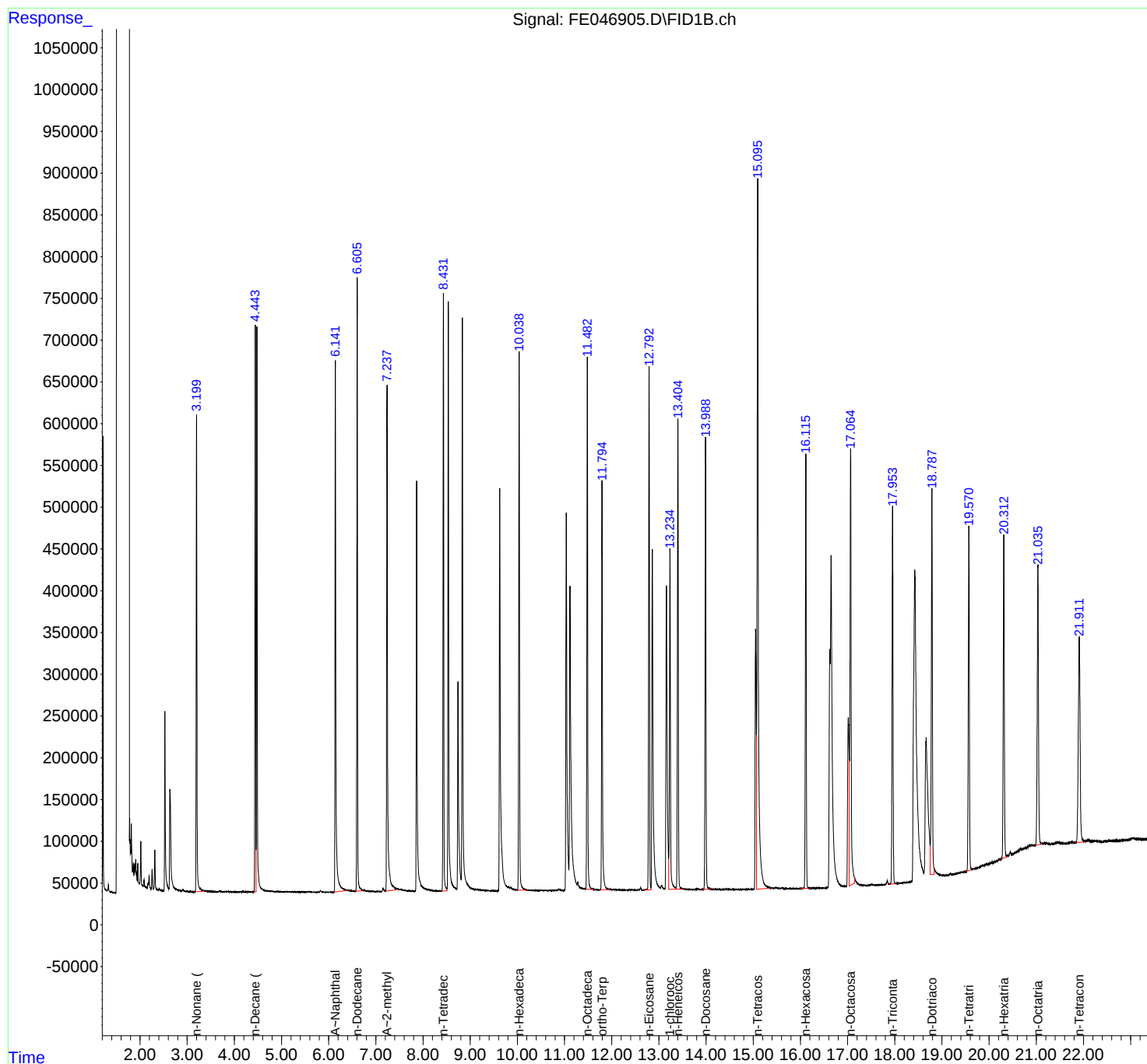
Instrument :
FID_E
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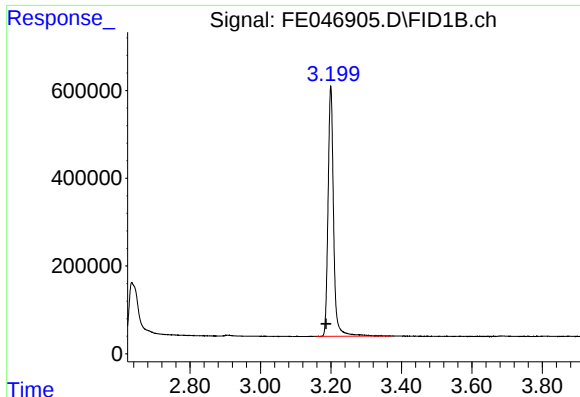
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.200 min
Delta R.T.: 0.014 min
Response: 6206827
Conc: 40.70 ug/ml

Instrument :

FID_E

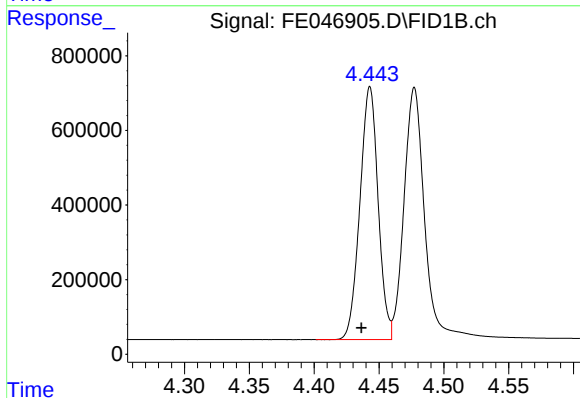
ClientSampleId :

PB159208BS

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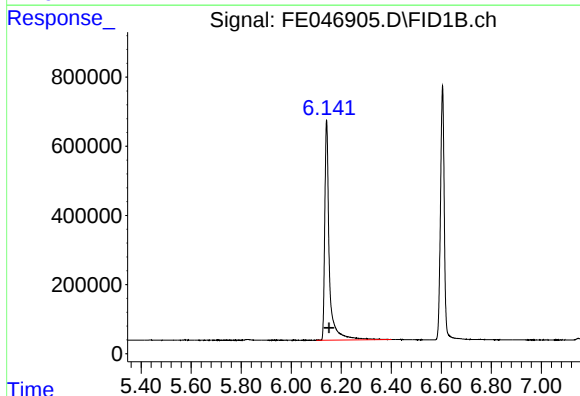
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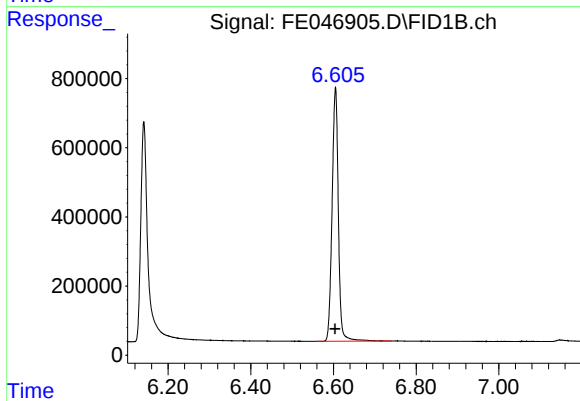
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.006 min
Response: 6622751
Conc: 42.76 ug/ml



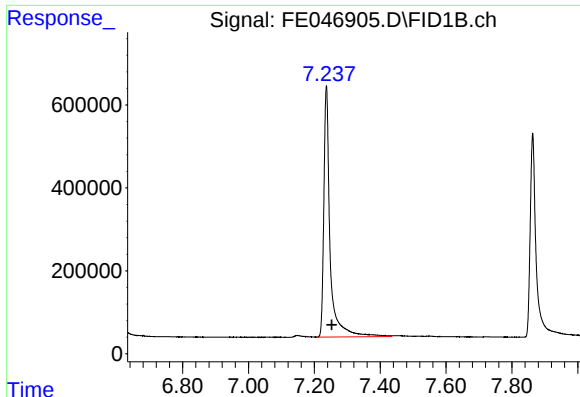
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.010 min
Response: 8041822
Conc: 51.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: 0.001 min
Response: 7716619
Conc: 49.63 ug/ml



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

R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 8035349
Conc: 56.03 ug/ml

Instrument :

FID_E

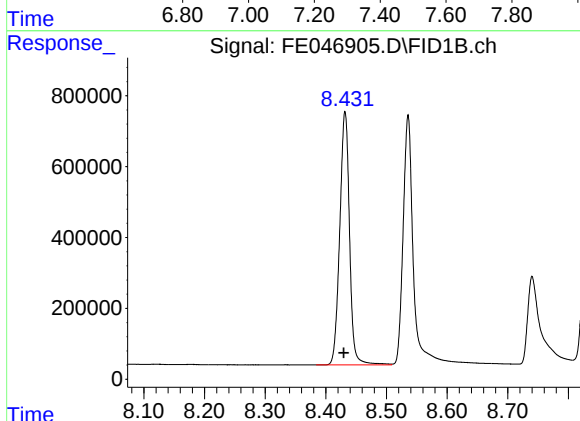
ClientSampleId :

PB159208BS

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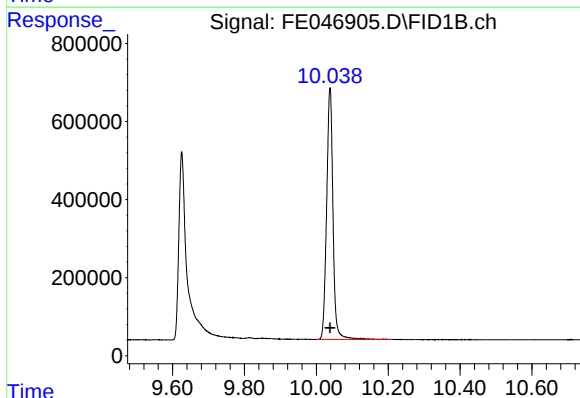
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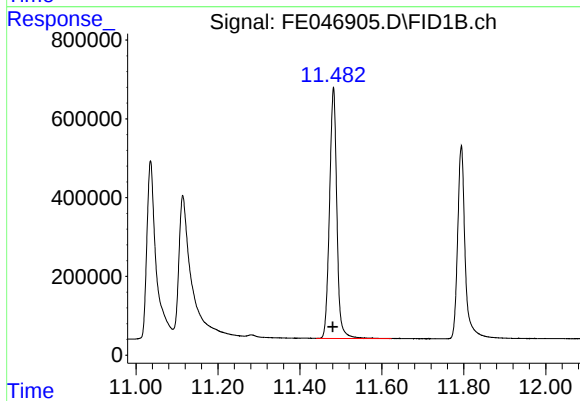
#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 7999861
Conc: 51.88 ug/ml



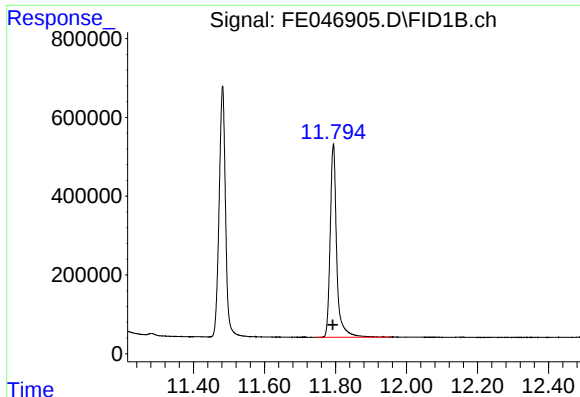
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: 0.000 min
Response: 7900458
Conc: 49.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.002 min
Response: 7923745
Conc: 49.70 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.794 min
Delta R.T.: 0.002 min
Response: 6224496
Conc: 37.89 ug/ml

Instrument :

FID_E

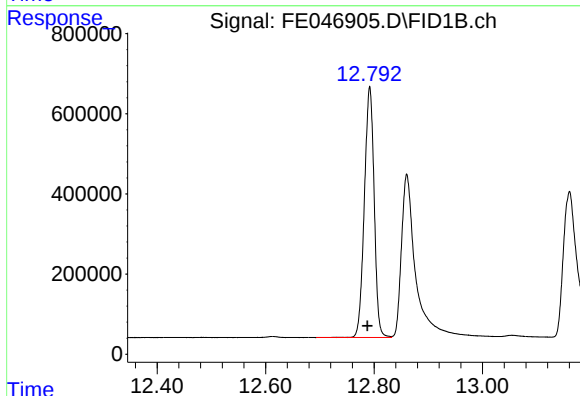
ClientSampleId :

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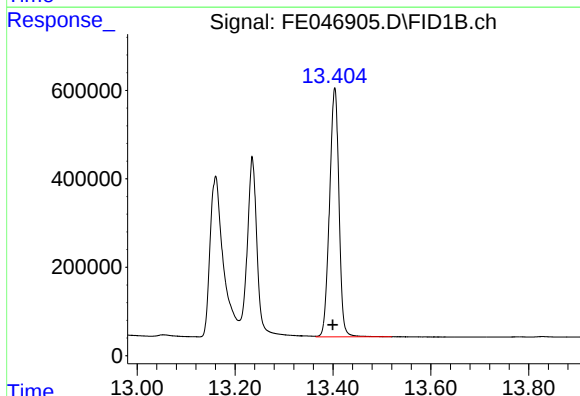
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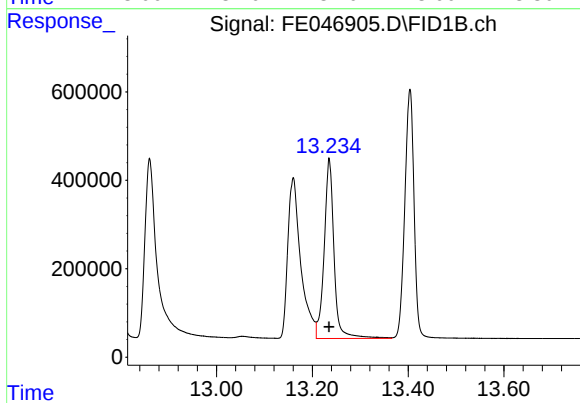
#10 n-Eicosane (C20)

R.T.: 12.792 min
Delta R.T.: 0.004 min
Response: 7843832
Conc: 51.82 ug/ml



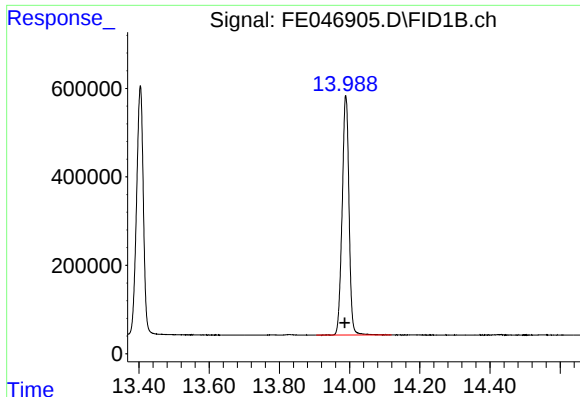
#11 n-Heneicosane (C21)

R.T.: 13.404 min
Delta R.T.: 0.004 min
Response: 7534513
Conc: 50.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 5802389
Conc: 47.14 ug/ml



#13 n-Docosane (C22)

R.T.: 13.989 min
Delta R.T.: 0.003 min
Response: 7339470
Conc: 50.45 ug/ml

Instrument :

FID_E

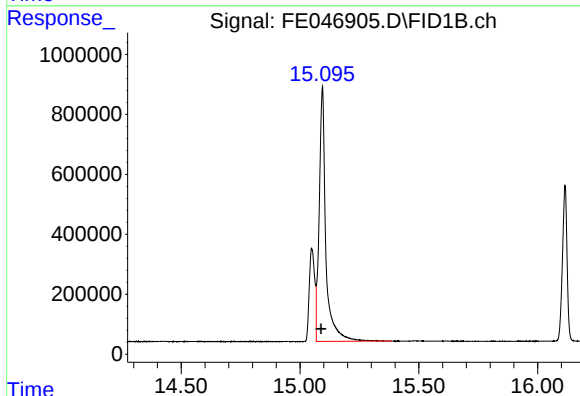
ClientSampleId :

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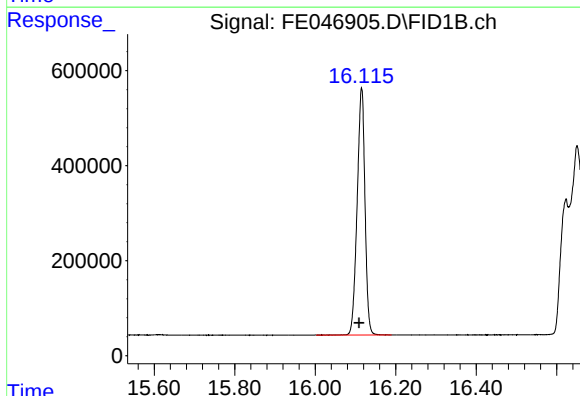
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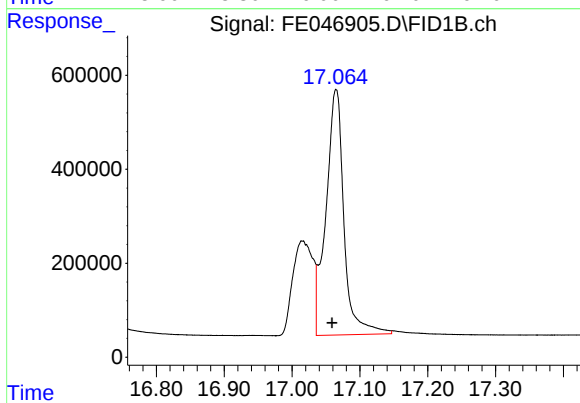
#14 n-Tetracosane (C24)

R.T.: 15.094 min
Delta R.T.: 0.006 min
Response: 16647725
Conc: 116.57 ug/ml



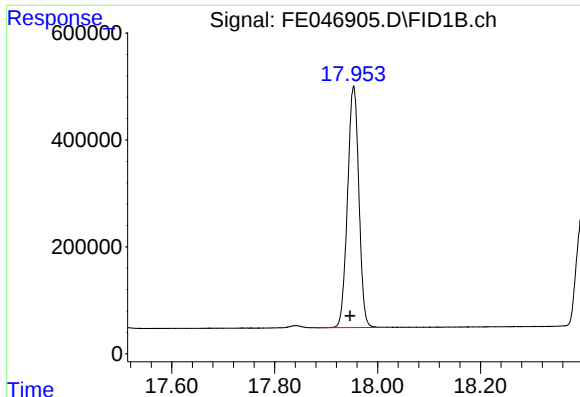
#15 n-Hexacosane (C26)

R.T.: 16.115 min
Delta R.T.: 0.006 min
Response: 7018426
Conc: 50.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.064 min
Delta R.T.: 0.005 min
Response: 9612827
Conc: 70.56 ug/ml m



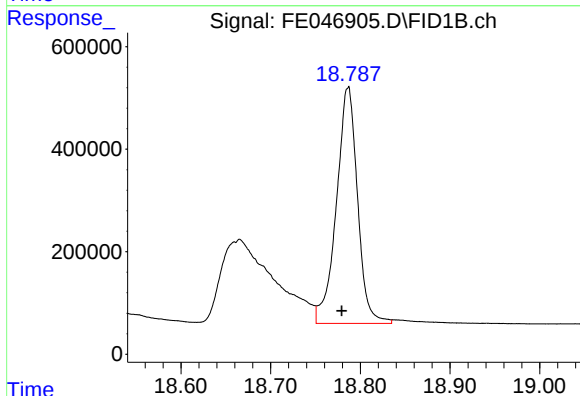
#17 n-Tricontane (C30)

R.T.: 17.954 min
Delta R.T.: 0.007 min
Response: 6906997
Conc: 49.51 ug/ml

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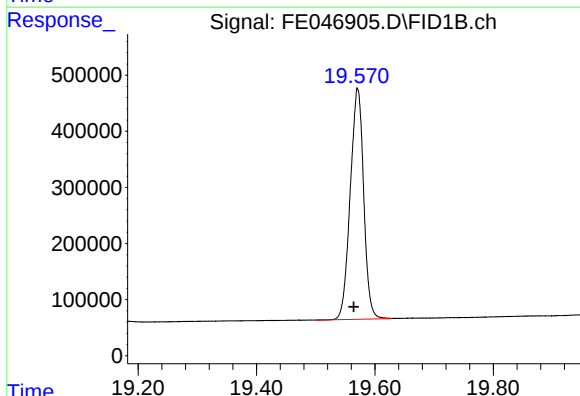
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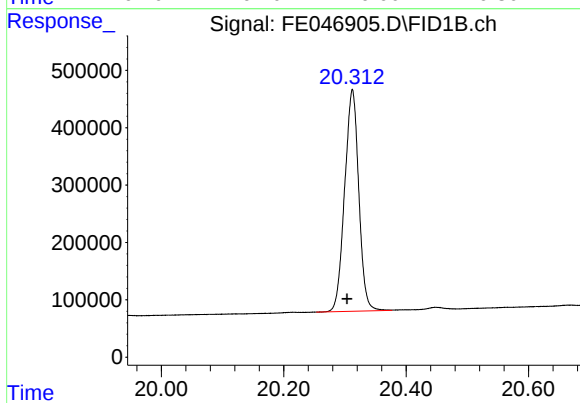
#18 n-Dotriacontane (C32)

R.T.: 18.787 min
Delta R.T.: 0.008 min
Response: 7541910
Conc: 54.81 ug/ml m



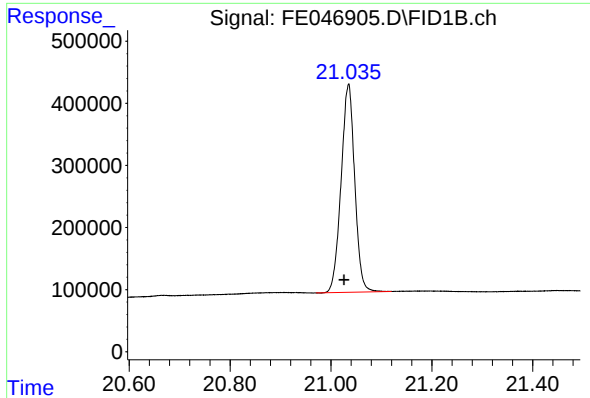
#19 n-Tetratriacontane (C34)

R.T.: 19.571 min
Delta R.T.: 0.006 min
Response: 6482640
Conc: 48.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.312 min
Delta R.T.: 0.009 min
Response: 6198637
Conc: 46.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.035 min
Delta R.T.: 0.009 min
Response: 6292471
Conc: 45.67 ug/ml

Instrument :

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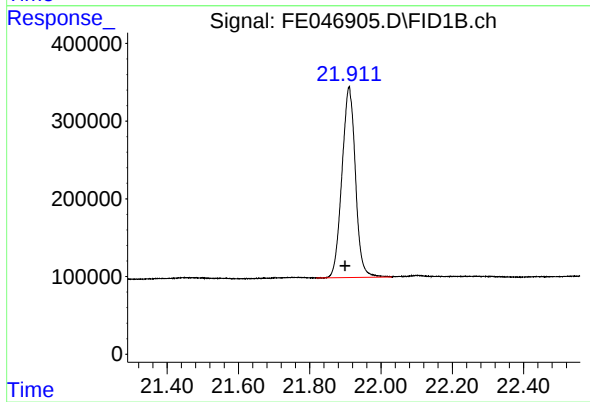
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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: 0.011 min
Response: 6438267
Conc: 45.63 ug/ml