

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE051000.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 16:26
 Operator : YP\AJ
 Sample : PB164640BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164640BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E

Quant Time: Nov 05 03:47:40 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.855	6062605	38.455 ug/mlm
Spiked Amount 50.000		Recovery =	76.91%
12) S 1-chlorooctadecane (S...	13.287	4783722	40.439 ug/ml
Spiked Amount 50.000		Recovery =	80.88%
Target Compounds			
1) T n-Nonane (C9)	3.250	5101985	36.110 ug/ml
2) T n-Decane (C10)	4.497	5249204	36.586 ug/ml
3) T A~Naphthalene (C11.7)	6.205	5298637	37.056 ug/ml
4) T n-Dodecane (C12)	6.661	5431596	37.737 ug/ml
5) T A~2-methylnaphthalene...	7.300	4926361	37.186 ug/ml
6) T n-Tetradecane (C14)	8.488	5590710	39.078 ug/ml
7) T n-Hexadecane (C16)	10.093	5877416	39.936 ug/ml
8) T n-Octadecane (C18)	11.534	6006510	40.212 ug/ml
10) T n-Eicosane (C20)	12.843	6021564	41.991 ug/ml
11) T n-Heneicosane (C21)	13.453	5786979	41.208 ug/ml
13) T n-Docosane (C22)	14.038	5740418	40.917 ug/ml
14) T n-Tetracosane (C24)	15.140	10681634	75.608 ug/mlm
15) T n-Hexacosane (C26)	16.161	5658778	40.214 ug/mlm
16) T n-Octacosane (C28)	17.108	6314128	43.150 ug/mlm
17) T n-Tricontane (C30)	17.994	5893719	37.067 ug/ml
18) T n-Dotriacontane (C32)	18.825	6037661	37.243 ug/ml
19) T n-Tetratriacontane (C34)	19.609	6257212	42.598 ug/ml
20) T n-Hexatriacontane (C36)	20.348	6225874	49.095 ug/ml
21) T n-Octatriacontane (C38)	21.072	6119398	49.491 ug/ml
22) T n-Tetracontane (C40)	21.955	5439083	48.847 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB164640BS
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ALS Vial : 10 Sample Multiplier: 1

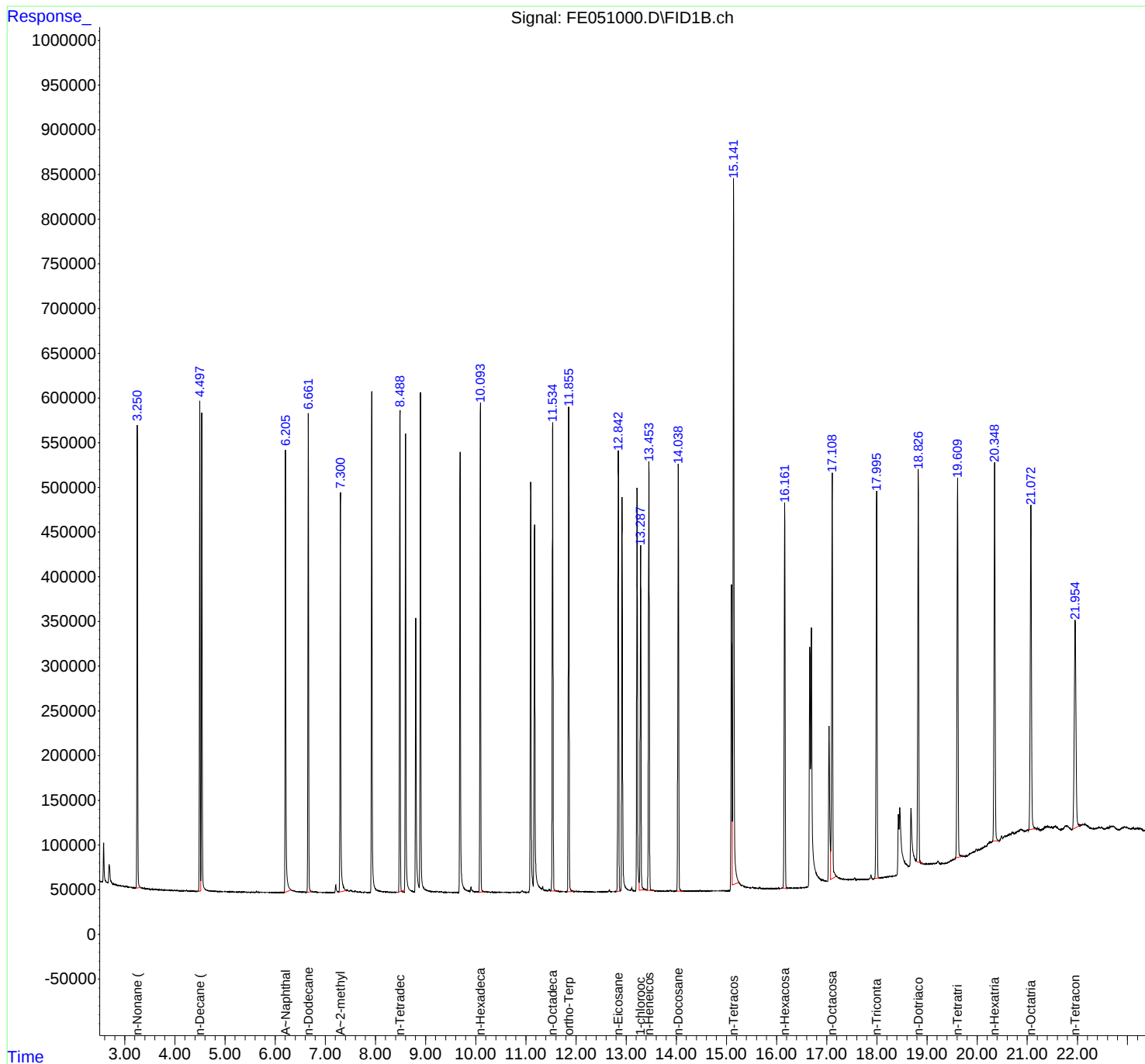
Instrument :
FID_E
ClientSampleId :
PB164640BS

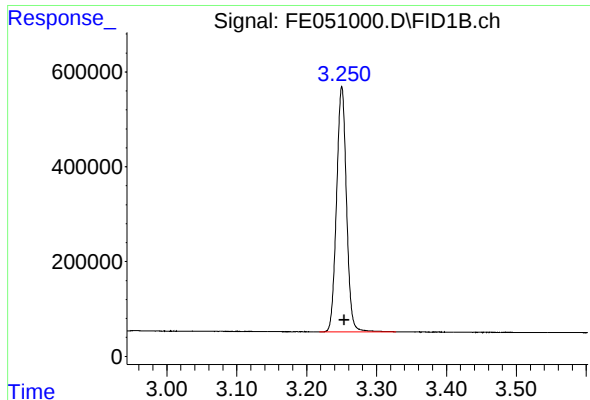
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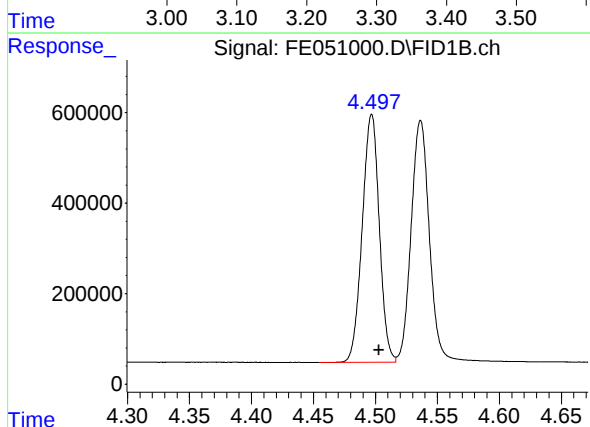
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 5101985
Conc: 36.11 ug/ml

Instrument :
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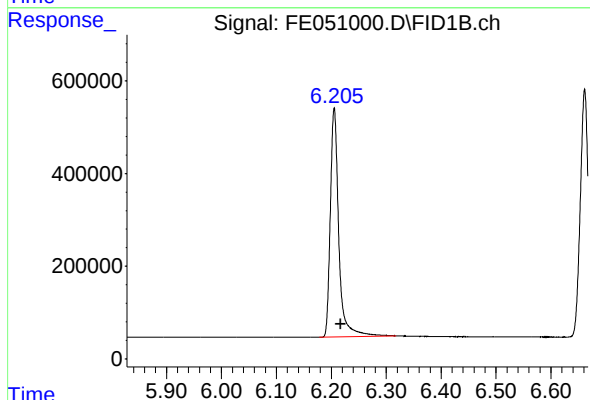
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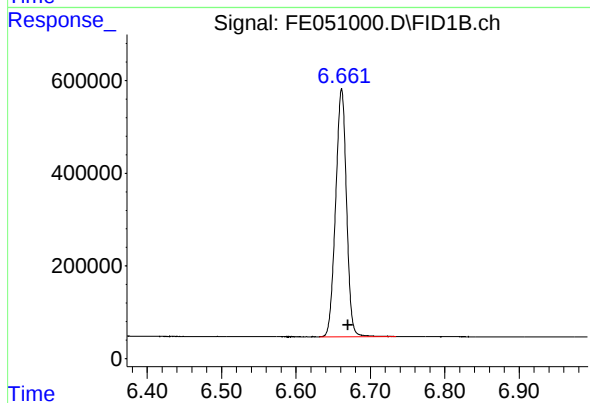
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 5249204
Conc: 36.59 ug/ml



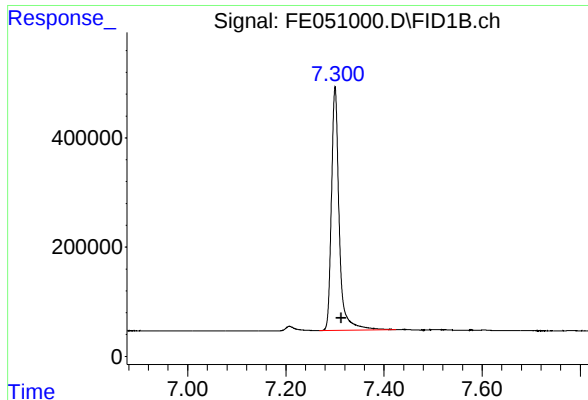
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.011 min
Response: 5298637
Conc: 37.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.009 min
Response: 5431596
Conc: 37.74 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.012 min
Response: 4926361
Conc: 37.19 ug/ml

Instrument :

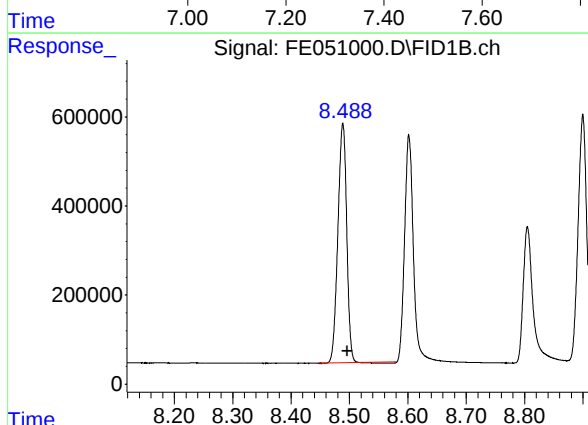
FID_E

ClientSampleId :

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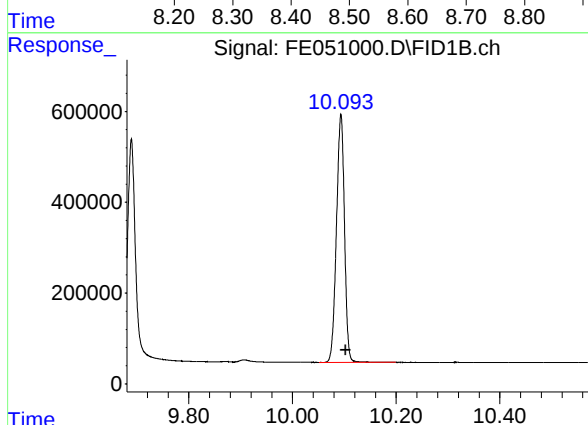
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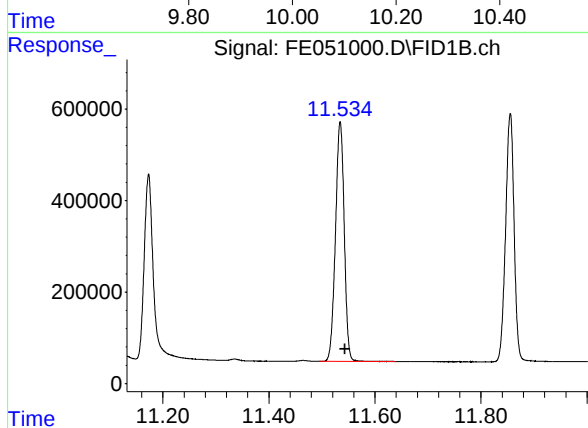
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.008 min
Response: 5590710
Conc: 39.08 ug/ml



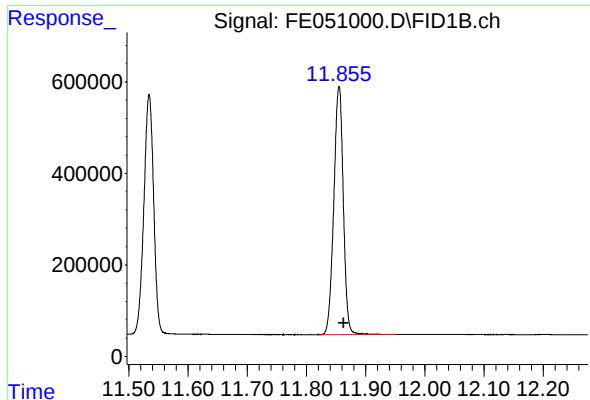
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.009 min
Response: 5877416
Conc: 39.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 6006510
Conc: 40.21 ug/ml



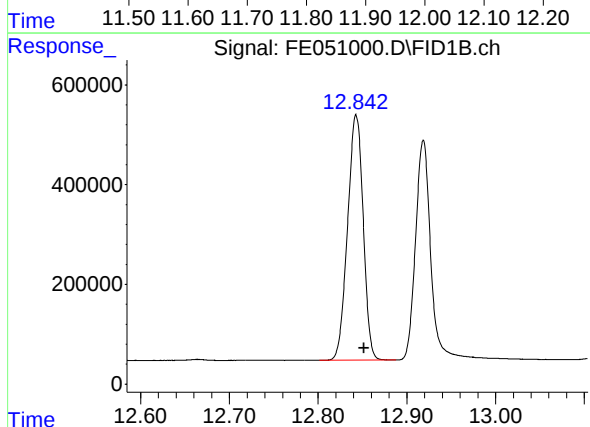
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.008 min
Response: 6062605
Conc: 38.45 ug/ml

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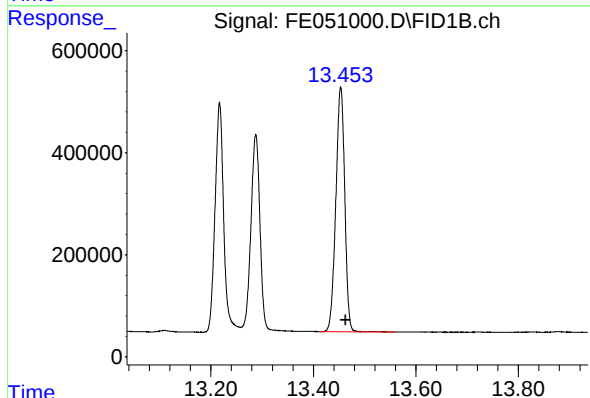
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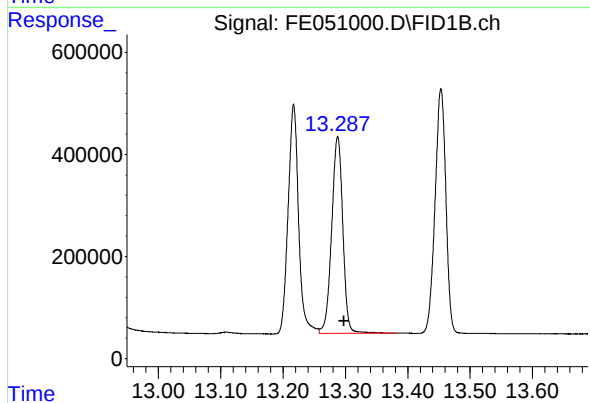
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 6021564
Conc: 41.99 ug/ml



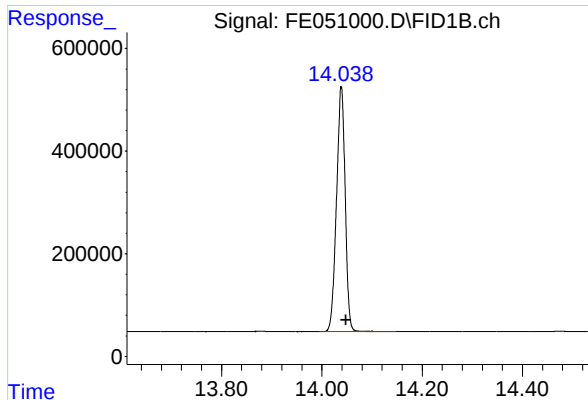
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 5786979
Conc: 41.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.010 min
Response: 4783722
Conc: 40.44 ug/ml



#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.009 min
Response: 5740418
Conc: 40.92 ug/ml

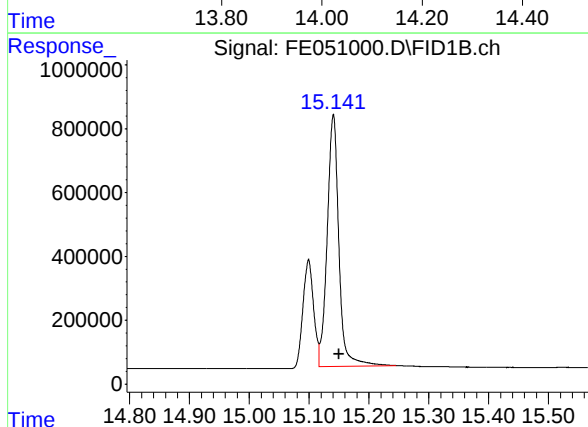
Instrument :

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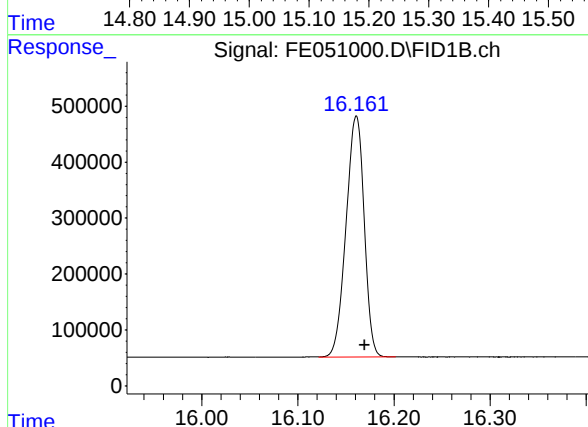
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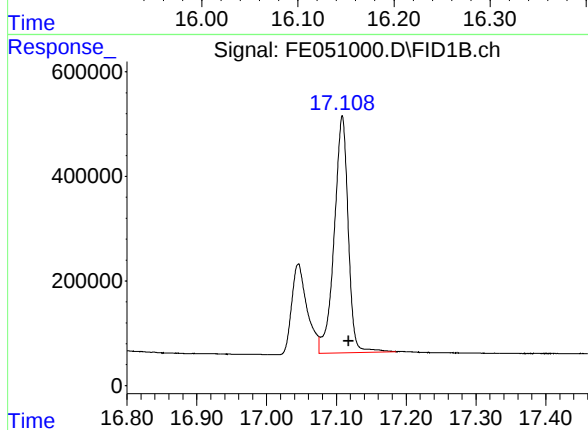
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.009 min
Response: 10681634
Conc: 75.61 ug/ml



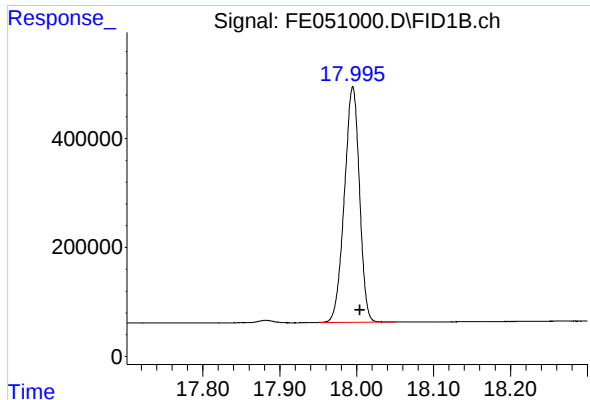
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.009 min
Response: 5658778
Conc: 40.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.009 min
Response: 6314128
Conc: 43.15 ug/ml



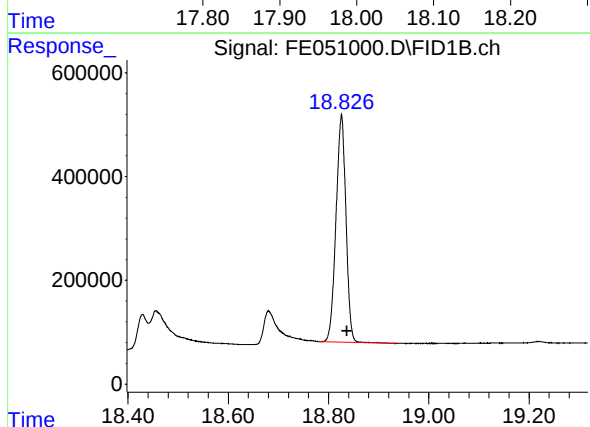
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 5893719
Conc: 37.07 ug/ml

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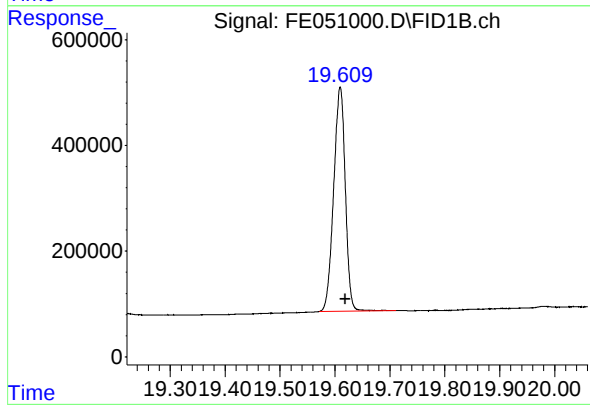
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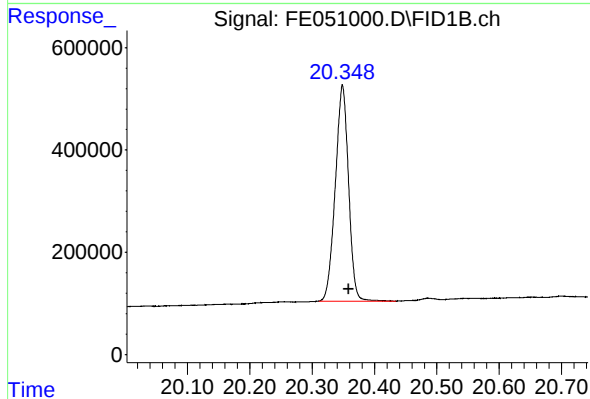
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.011 min
Response: 6037661
Conc: 37.24 ug/ml



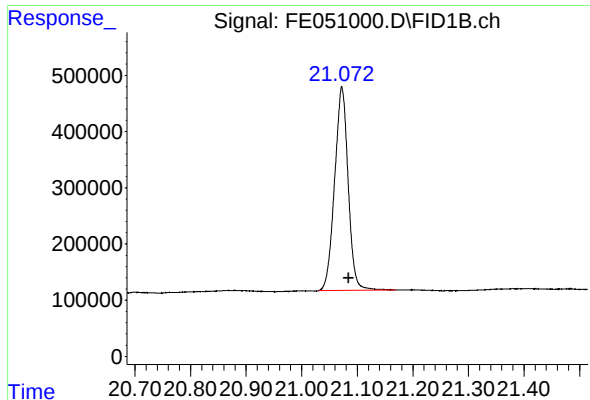
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.010 min
Response: 6257212
Conc: 42.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.010 min
Response: 6225874
Conc: 49.09 ug/ml



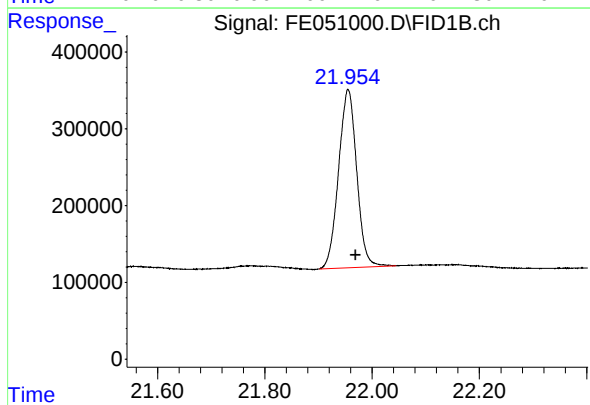
#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.012 min
Response: 6119398
Conc: 49.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 5439083
Conc: 48.85 ug/ml