

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049130.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 14:09
 Operator : YP\AJ
 Sample : PB162085BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162085BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/17/2024

Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e

Quant Time: Jul 17 01:37:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 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)	11.924	7016099	41.960 ug/ml
Spiked Amount 50.000		Recovery =	83.92%
12) S 1-chlorooctadecane (S...	13.358	5949790	46.270 ug/ml
Spiked Amount 50.000		Recovery =	92.54%
Target Compounds			
1) T n-Nonane (C9)	3.313	5038710	33.515 ug/ml
2) T n-Decane (C10)	4.560	5441916	35.362 ug/ml
3) T A~Naphthalene (C11.7)	6.265	6215478	39.152 ug/ml
4) T n-Dodecane (C12)	6.724	5573905	36.107 ug/ml
5) T A~2-methylnaphthalene...	7.361	6288417	41.525 ug/ml
6) T n-Tetradecane (C14)	8.553	6032938	39.363 ug/ml
7) T n-Hexadecane (C16)	10.160	6078514	38.876 ug/ml
8) T n-Octadecane (C18)	11.603	6040986	37.878 ug/ml
10) T n-Eicosane (C20)	12.913	6033005	38.914 ug/ml
11) T n-Heneicosane (C21)	13.524	5827165	38.270 ug/ml
13) T n-Docosane (C22)	14.111	5786207	38.260 ug/ml
14) T n-Tetracosane (C24)	15.210	11008819	73.256 ug/ml
15) T n-Hexacosane (C26)	16.235	5757081	38.996 ug/ml
16) T n-Octacosane (C28)	17.184	5994433	41.566 ug/ml
17) T n-Tricontane (C30)	18.072	5809026	39.707 ug/ml
18) T n-Dotriacontane (C32)	18.902	5894823	41.228 ug/ml
19) T n-Tetratriacontane (C34)	19.685	6001892	43.375 ug/ml
20) T n-Hexatriacontane (C36)	20.425	6030390	46.399 ug/ml
21) T n-Octatriacontane (C38)	21.163	6353387	49.560 ug/ml
22) T n-Tetracontane (C40)	22.072	6254225	51.072 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162085BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

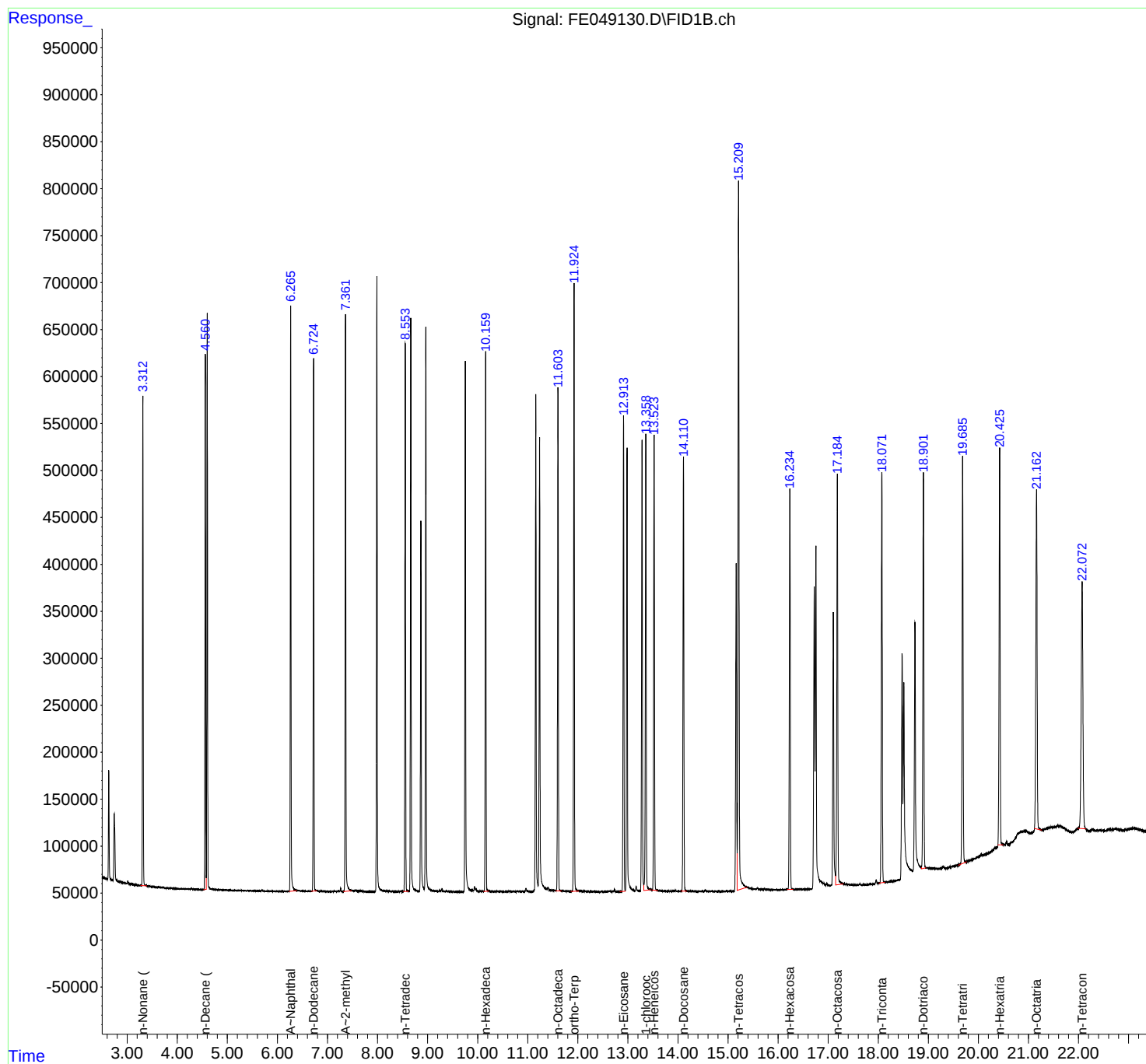
Instrument :
FID_E
ClientSampleId :
PB162085BS

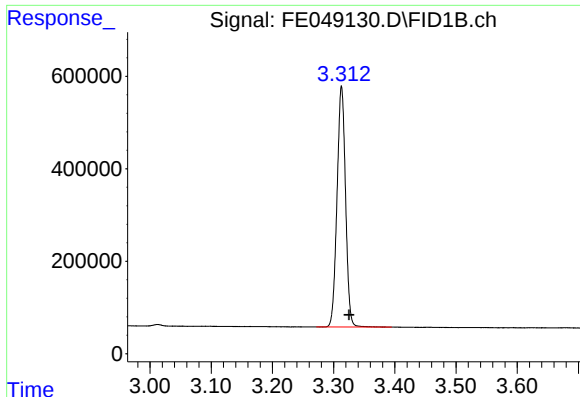
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.012 min
Response: 5038710
Conc: 33.51 ug/ml

Instrument :

FID_E

ClientSampleId :

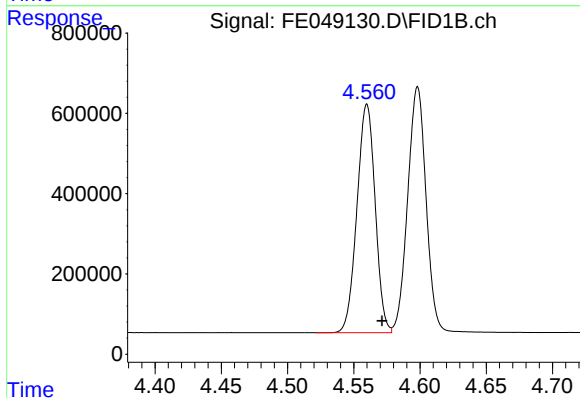
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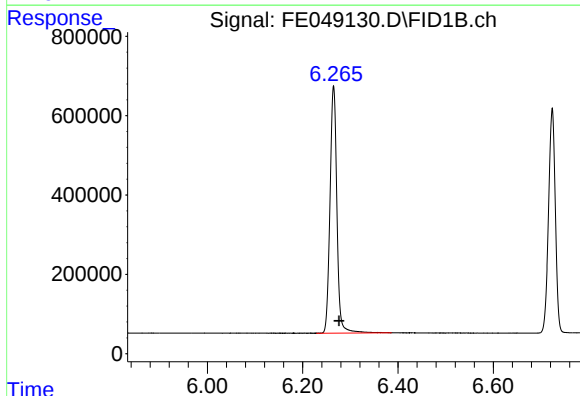
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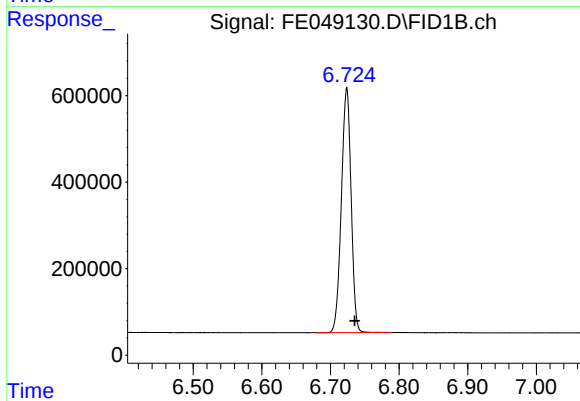
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.012 min
Response: 5441916
Conc: 35.36 ug/ml



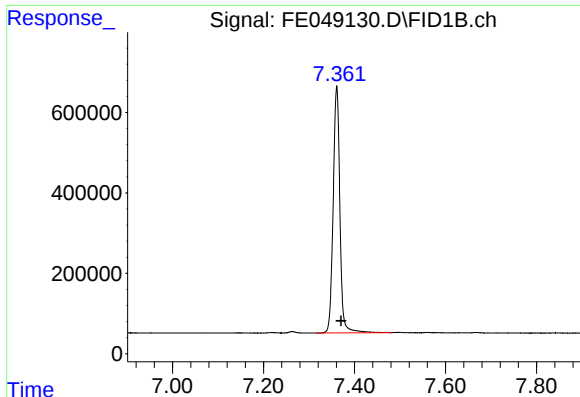
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 6215478
Conc: 39.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.011 min
Response: 5573905
Conc: 36.11 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 6288417
Conc: 41.52 ug/ml

Instrument :

FID_E

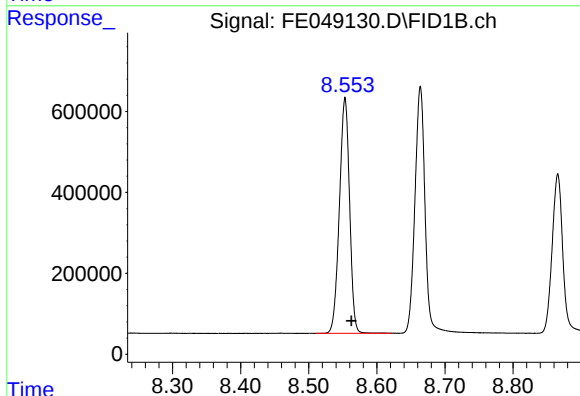
ClientSampleId :

PB162085BS

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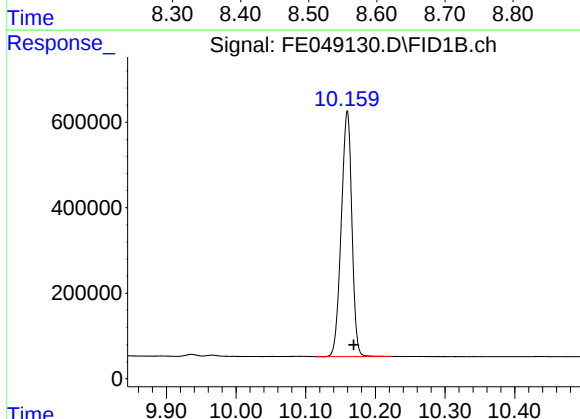
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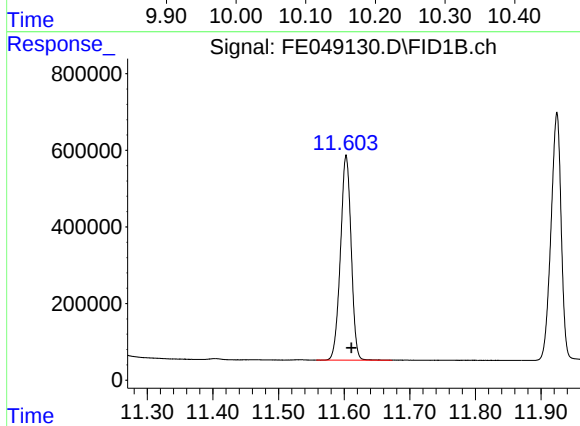
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 6032938
Conc: 39.36 ug/ml



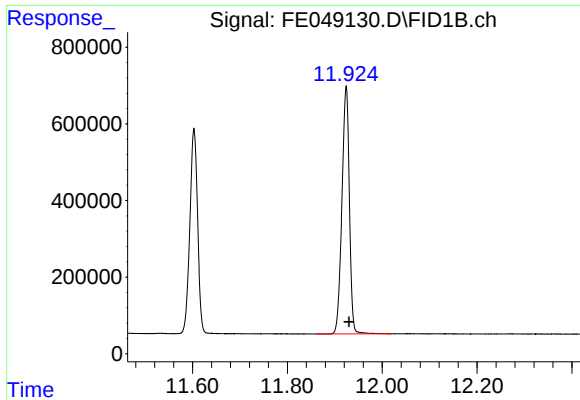
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.009 min
Response: 6078514
Conc: 38.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.008 min
Response: 6040986
Conc: 37.88 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: -0.005 min
Response: 7016099
Conc: 41.96 ug/ml

Instrument :

FID_E

ClientSampleId :

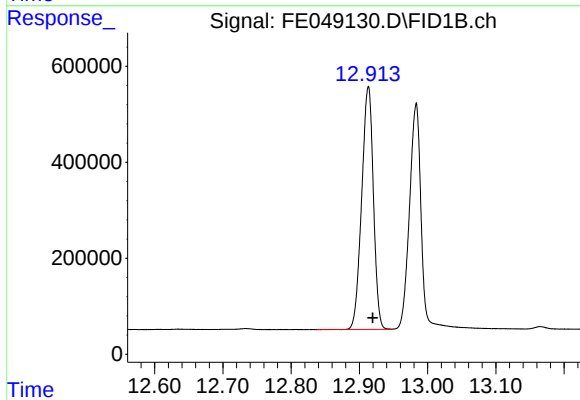
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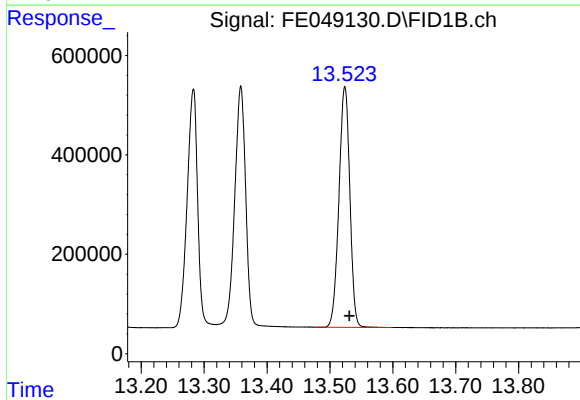
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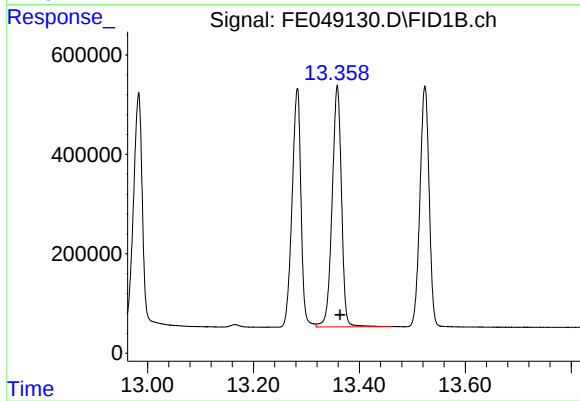
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.006 min
Response: 6033005
Conc: 38.91 ug/ml



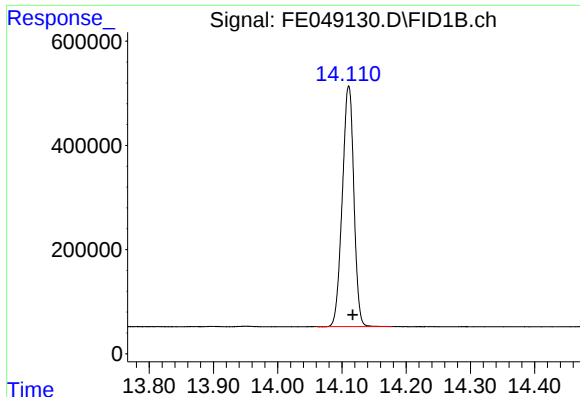
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.007 min
Response: 5827165
Conc: 38.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.005 min
Response: 5949790
Conc: 46.27 ug/ml



#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 5786207
Conc: 38.26 ug/ml

Instrument :

FID_E

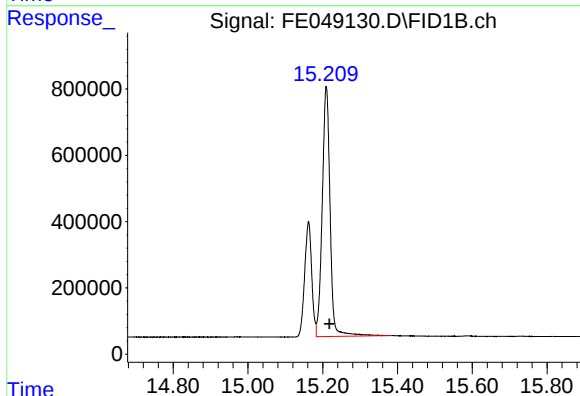
ClientSampleId :

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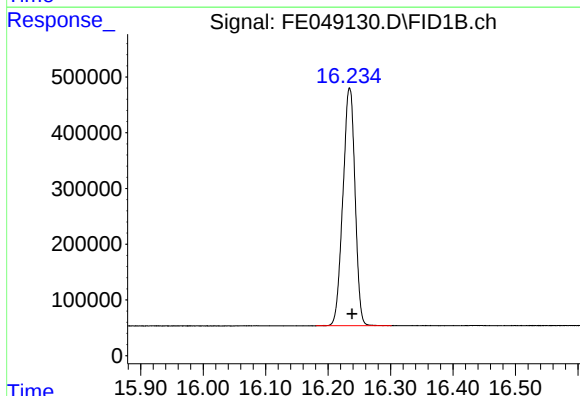
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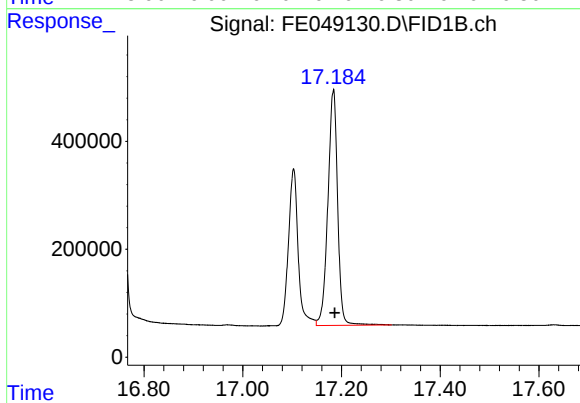
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.009 min
Response: 11008819
Conc: 73.26 ug/ml



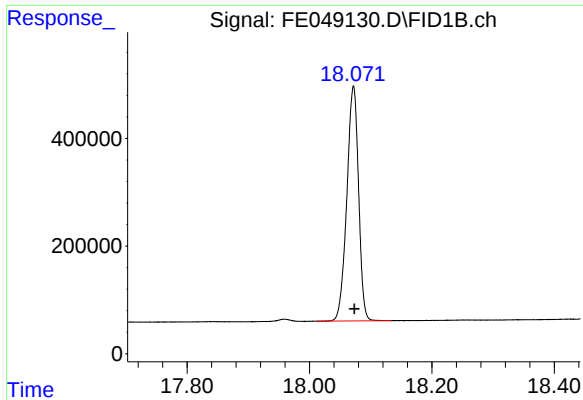
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.004 min
Response: 5757081
Conc: 39.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.003 min
Response: 5994433
Conc: 41.57 ug/ml



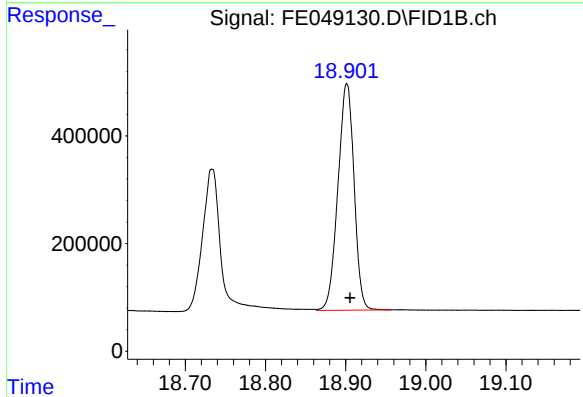
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.001 min
Response: 5809026
Conc: 39.71 ug/ml

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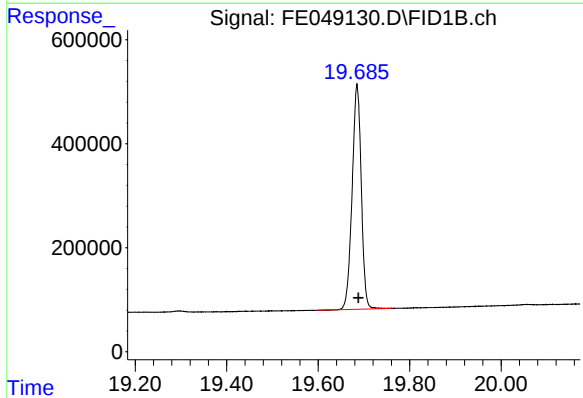
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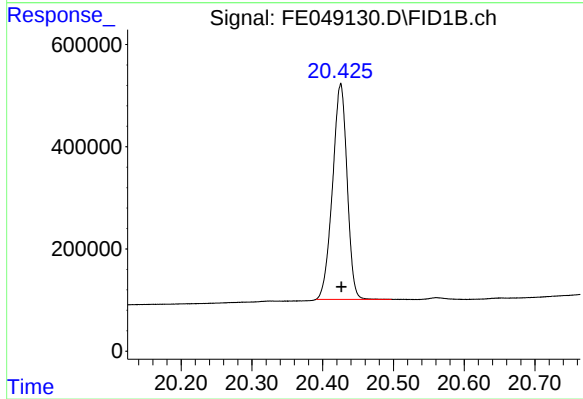
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.004 min
Response: 5894823
Conc: 41.23 ug/ml



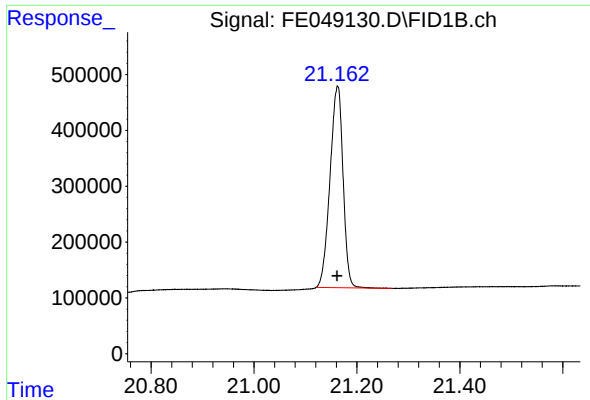
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.003 min
Response: 6001892
Conc: 43.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.425 min
Delta R.T.: -0.001 min
Response: 6030390
Conc: 46.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: 0.001 min
Response: 6353387
Conc: 49.56 ug/ml

Instrument :

FID_E

ClientSampleId :

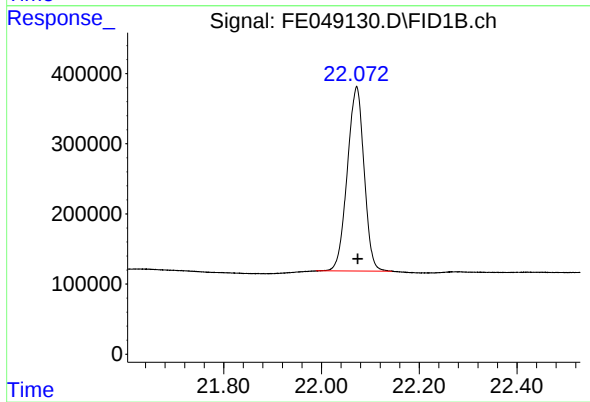
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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.002 min
Response: 6254225
Conc: 51.07 ug/ml m