

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048743.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2024 19:47
 Operator : YP\AJ
 Sample : PB161521BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161521BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2024
 Supervised By :Ankita Jodhani 06/18/2024

Integration File: autoint1.e
 Quant Time: Jun 18 01:18:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.939	6526387	45.450 ug/ml
Spiked Amount 50.000		Recovery =	90.90%
12) S 1-chlorooctadecane (S...	13.372	5520833	50.677 ug/ml
Spiked Amount 50.000		Recovery =	101.35%
Target Compounds			
1) T n-Nonane (C9)	3.338	6182674	41.354 ug/ml
2) T n-Decane (C10)	4.582	6580887	43.582 ug/ml
3) T A~Naphthalene (C11.7)	6.282	6999528	47.009 ug/ml
4) T n-Dodecane (C12)	6.742	6392810	43.187 ug/ml
5) T A~2-methylnaphthalene...	7.378	6880067	49.620 ug/ml
6) T n-Tetradecane (C14)	8.571	6479018	45.680 ug/ml
7) T n-Hexadecane (C16)	10.176	6357615	45.096 ug/ml
8) T n-Octadecane (C18)	11.619	6223612	44.811 ug/ml
10) T n-Eicosane (C20)	12.928	6154870	46.510 ug/ml
11) T n-Heneicosane (C21)	13.539	5937534	45.839 ug/ml
13) T n-Docosane (C22)	14.124	5891735	45.721 ug/ml
14) T n-Tetracosane (C24)	15.219	11081718	85.540 ug/ml
15) T n-Hexacosane (C26)	16.248	5853733	45.166 ug/ml
16) T n-Octacosane (C28)	17.196	6131414	47.437 ug/ml
17) T n-Tricontane (C30)	18.082	5973498	44.591 ug/ml
18) T n-Dotriacontane (C32)	18.913	6415324	47.261 ug/ml
19) T n-Tetratriacontane (C34)	19.697	6711360	49.059 ug/ml
20) T n-Hexatriacontane (C36)	20.437	7392490	54.382 ug/mlm
21) T n-Octatriacontane (C38)	21.174	8804925	64.565 ug/ml
22) T n-Tetracontane (C40)	22.092	9373779	68.461 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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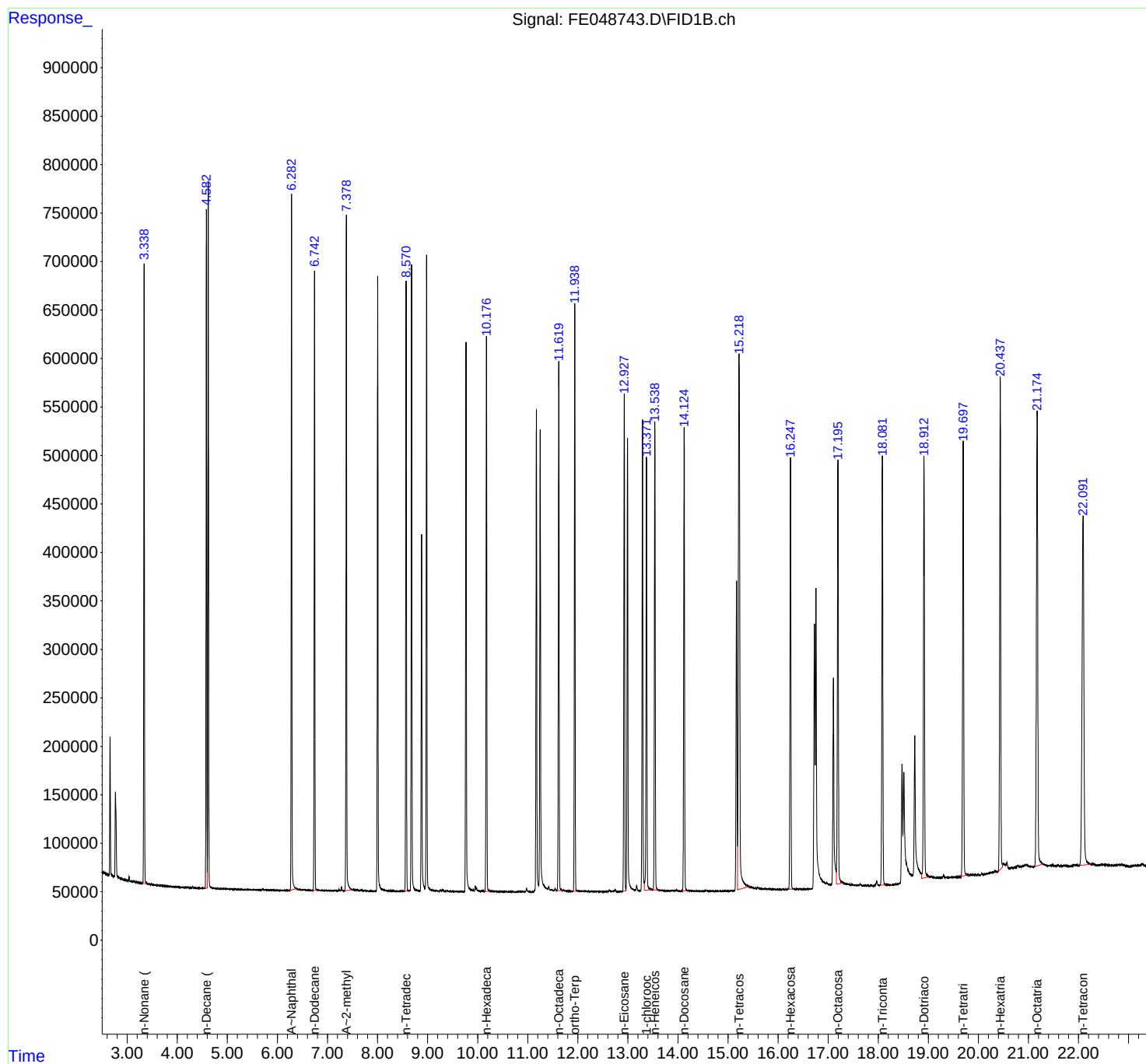
Instrument :
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PB161521BSD

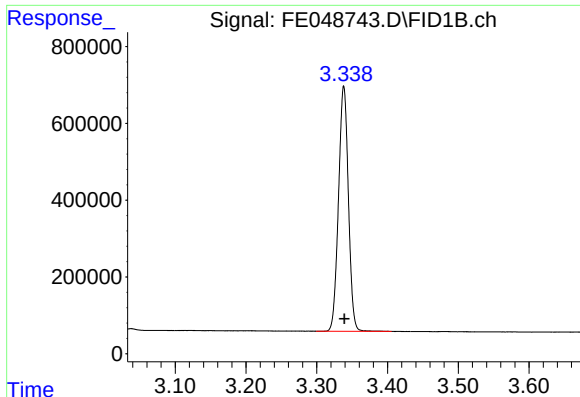
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#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: 0.000 min
Response: 6182674
Conc: 41.35 ug/ml

Instrument :

FID_E

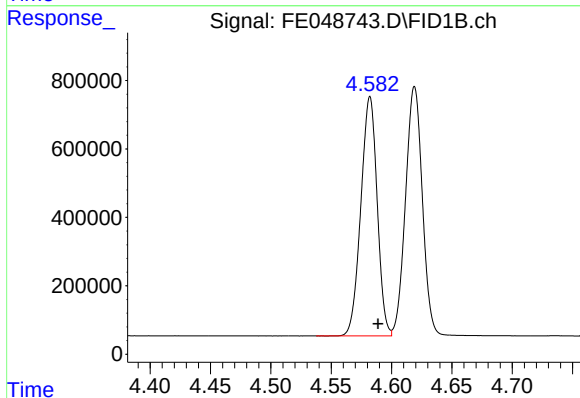
ClientSampleId :

PB161521BSD

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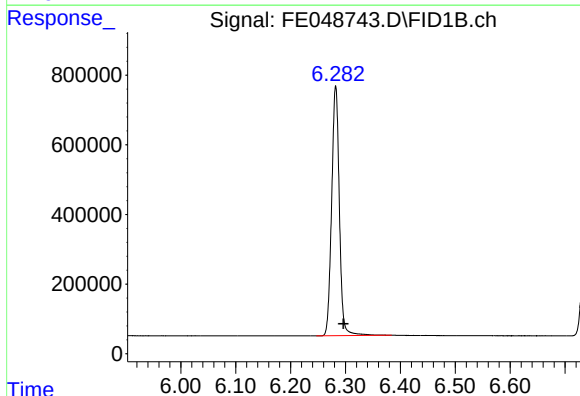
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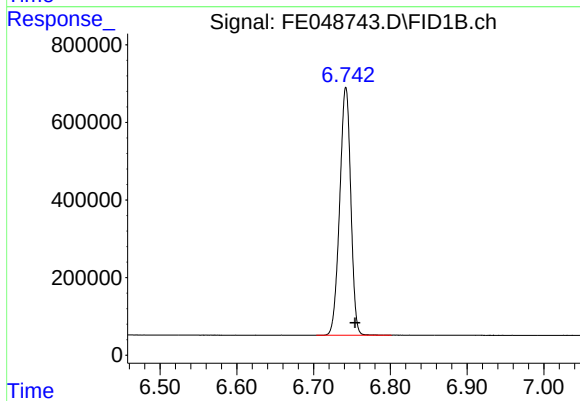
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 6580887
Conc: 43.58 ug/ml



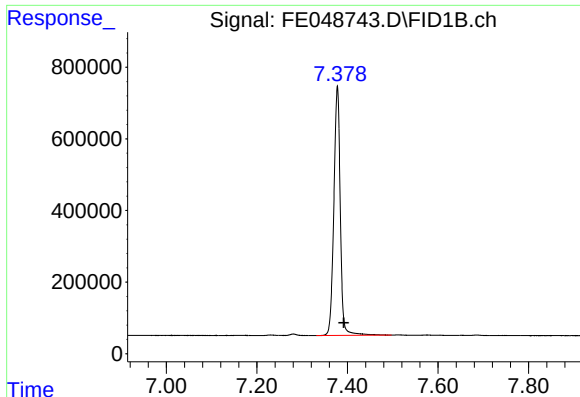
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.014 min
Response: 6999528
Conc: 47.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 6392810
Conc: 43.19 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.014 min
Response: 6880067
Conc: 49.62 ug/ml

Instrument :

FID_E

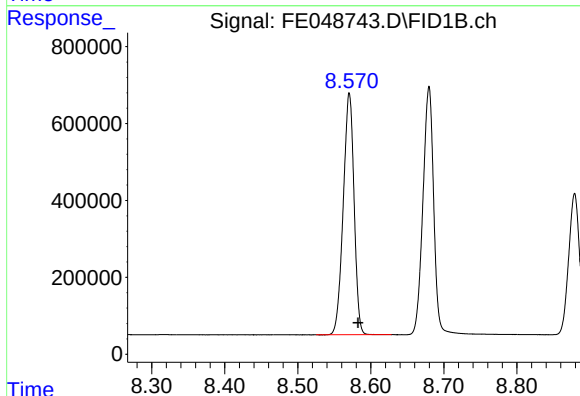
ClientSampleId :

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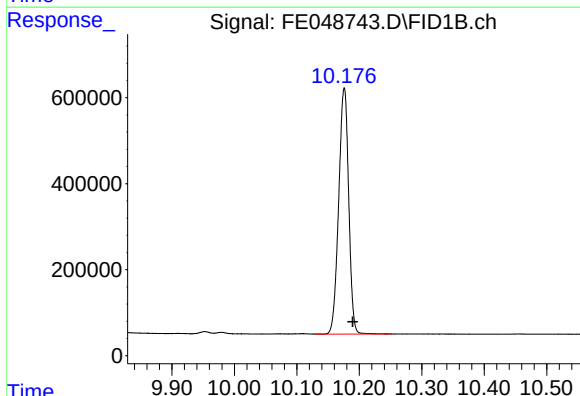
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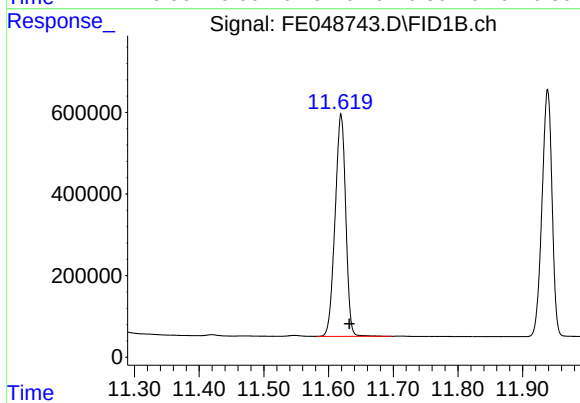
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 6479018
Conc: 45.68 ug/ml



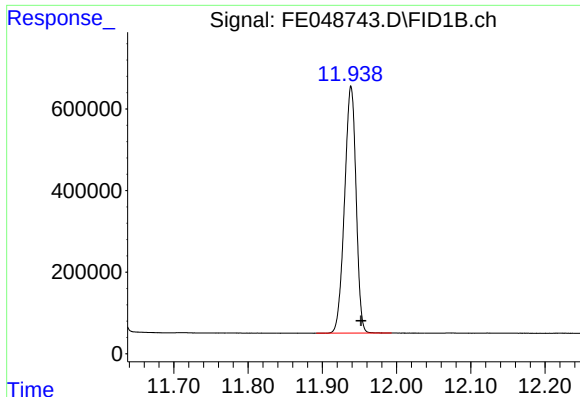
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.013 min
Response: 6357615
Conc: 45.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 6223612
Conc: 44.81 ug/ml



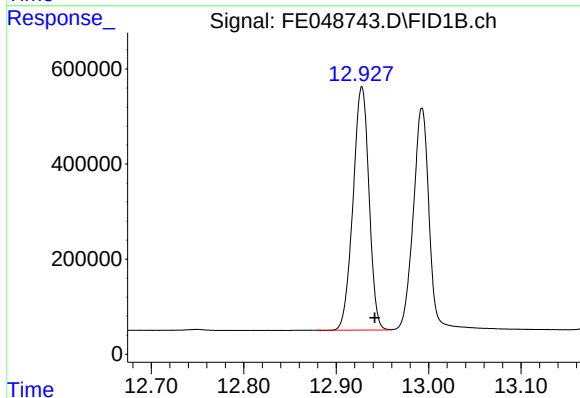
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.013 min
Response: 6526387
Conc: 45.45 ug/ml

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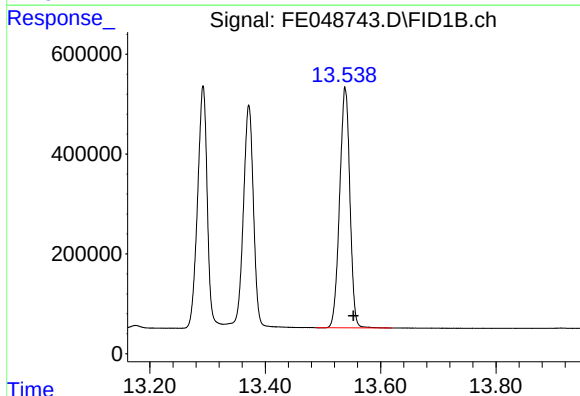
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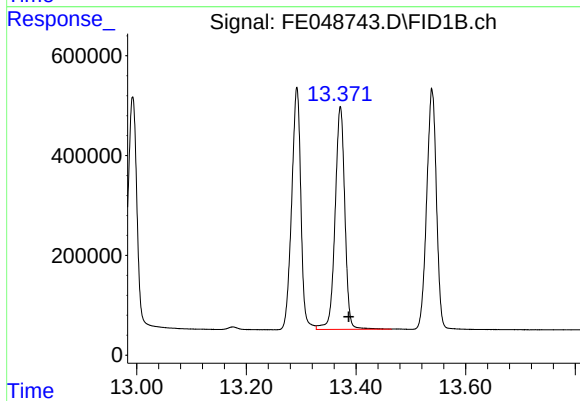
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.014 min
Response: 6154870
Conc: 46.51 ug/ml



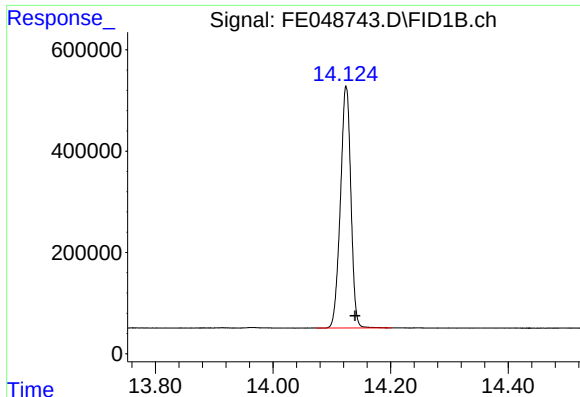
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.014 min
Response: 5937534
Conc: 45.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 5520833
Conc: 50.68 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.015 min
Response: 5891735
Conc: 45.72 ug/ml

Instrument :

FID_E

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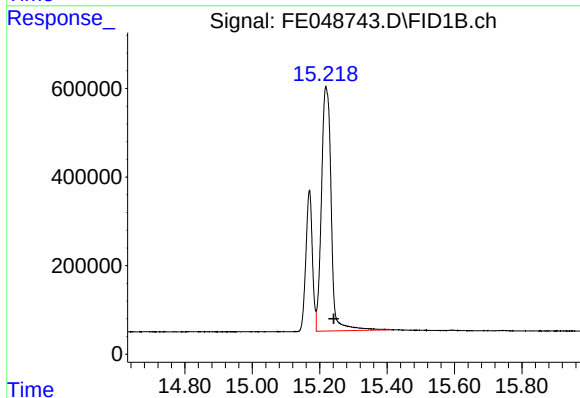
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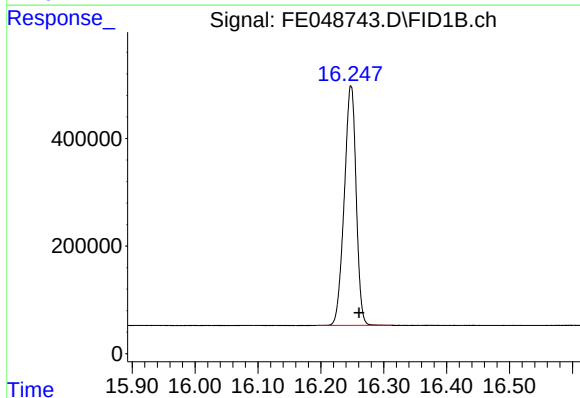
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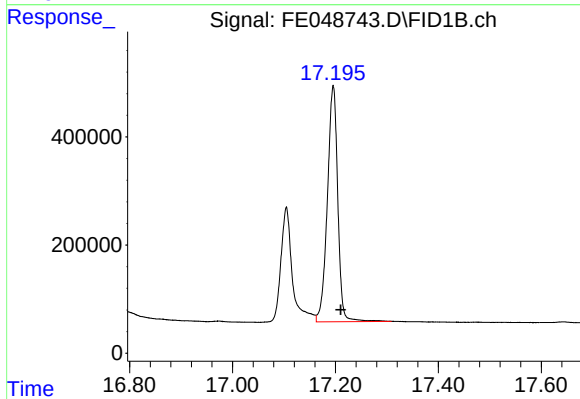
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.023 min
Response: 11081718
Conc: 85.54 ug/ml



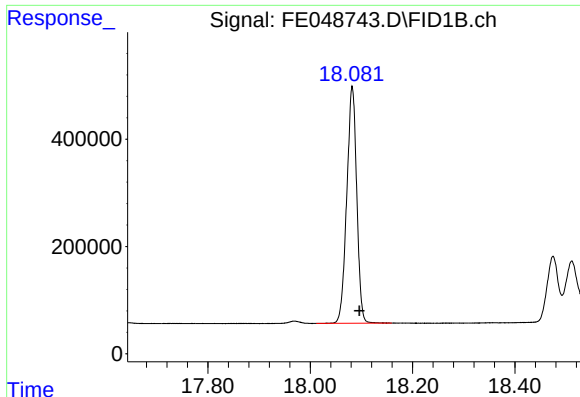
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.013 min
Response: 5853733
Conc: 45.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.015 min
Response: 6131414
Conc: 47.44 ug/ml



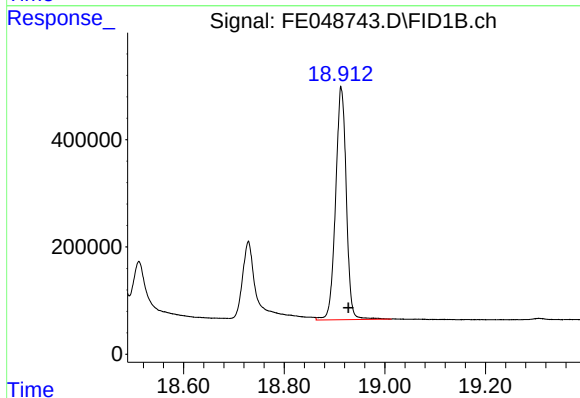
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.014 min
Response: 5973498
Conc: 44.59 ug/ml

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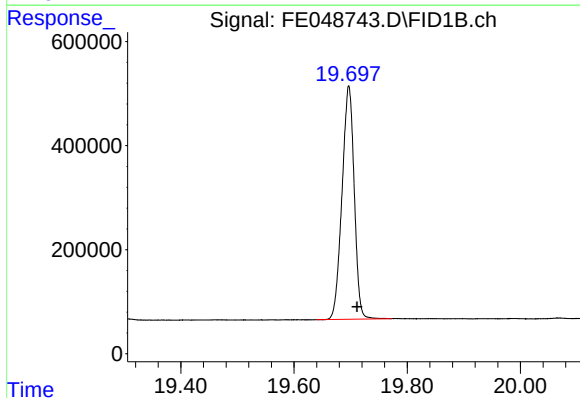
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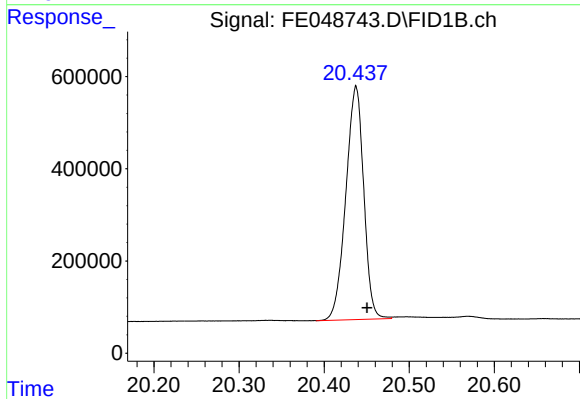
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.014 min
Response: 6415324
Conc: 47.26 ug/ml



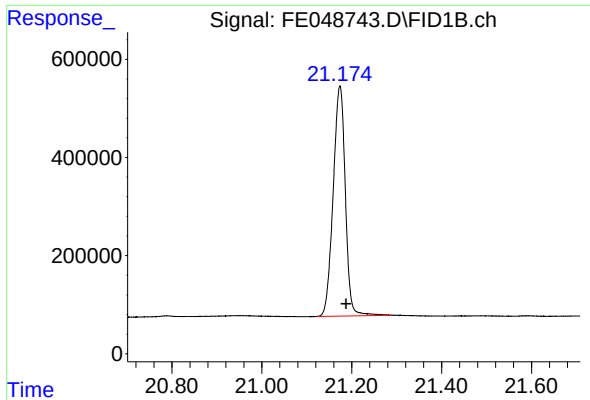
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.014 min
Response: 6711360
Conc: 49.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.013 min
Response: 7392490
Conc: 54.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.014 min
Response: 8804925
Conc: 64.57 ug/ml

Instrument :

FID_E

ClientSampleId :

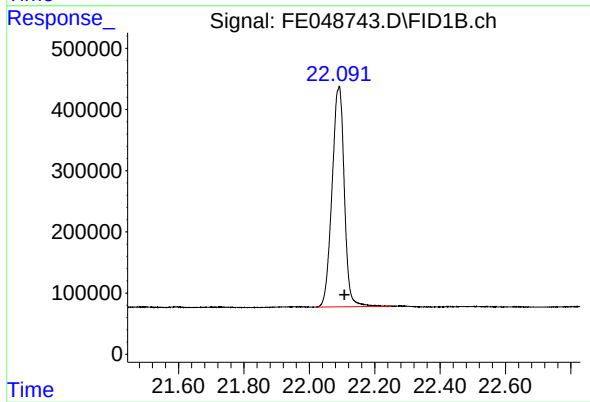
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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.016 min
Response: 9373779
Conc: 68.46 ug/ml