

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036661.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 20:30
 Operator : YP\AJ
 Sample : PB146377BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146377BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 00:30:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.851	7457536	40.041 ug/ml
Spiked Amount 50.000		Recovery =	80.08%
12) S 1-chlorooctadecane (S...	13.289	5916038	38.884 ug/ml
Spiked Amount 50.000		Recovery =	77.77%
Target Compounds			
1) T n-Nonane (C9)	3.252	6717015	43.573 ug/ml
2) T n-Decane (C10)	4.500	7111253	46.133 ug/ml
3) T A~Naphthalene (C11.7)	6.195	8544867	50.003 ug/ml
4) T n-Dodecane (C12)	6.662	7626443	48.558 ug/ml
5) T A~2-methylnaphthalene...	7.291	8423095	49.009 ug/ml
6) T n-Tetradecane (C14)	8.490	7775491	47.627 ug/ml
7) T n-Hexadecane (C16)	10.095	7714831	46.806 ug/ml
8) T n-Octadecane (C18)	11.537	7861548	46.258 ug/ml
10) T n-Eicosane (C20)	12.846	7469745	43.913 ug/ml
11) T n-Heneicosane (C21)	13.458	7328273	42.817 ug/ml
13) T n-Docosane (C22)	14.044	7191361	42.120 ug/ml
14) T n-Tetracosane (C24)	15.147	6807802	39.937 ug/ml
15) T n-Hexacosane (C26)	16.170	6655986	39.811 ug/ml
16) T n-Octacosane (C28)	17.117	6566477	40.205 ug/ml
17) T n-Tricontane (C30)	18.008	6271157	41.269 ug/ml
18) T n-Dotriacontane (C32)	18.838	6108206	50.788 ug/ml
19) T n-Tetratriacontane (C34)	19.622	5727908	68.782 ug/ml
20) T n-Hexatriacontane (C36)	20.359	5248634	89.389 ug/mlm
21) T n-Octatriacontane (C38)	21.088	5029634	100.317 ug/ml
22) T n-Tetracontane (C40)	21.978	5131343	99.364 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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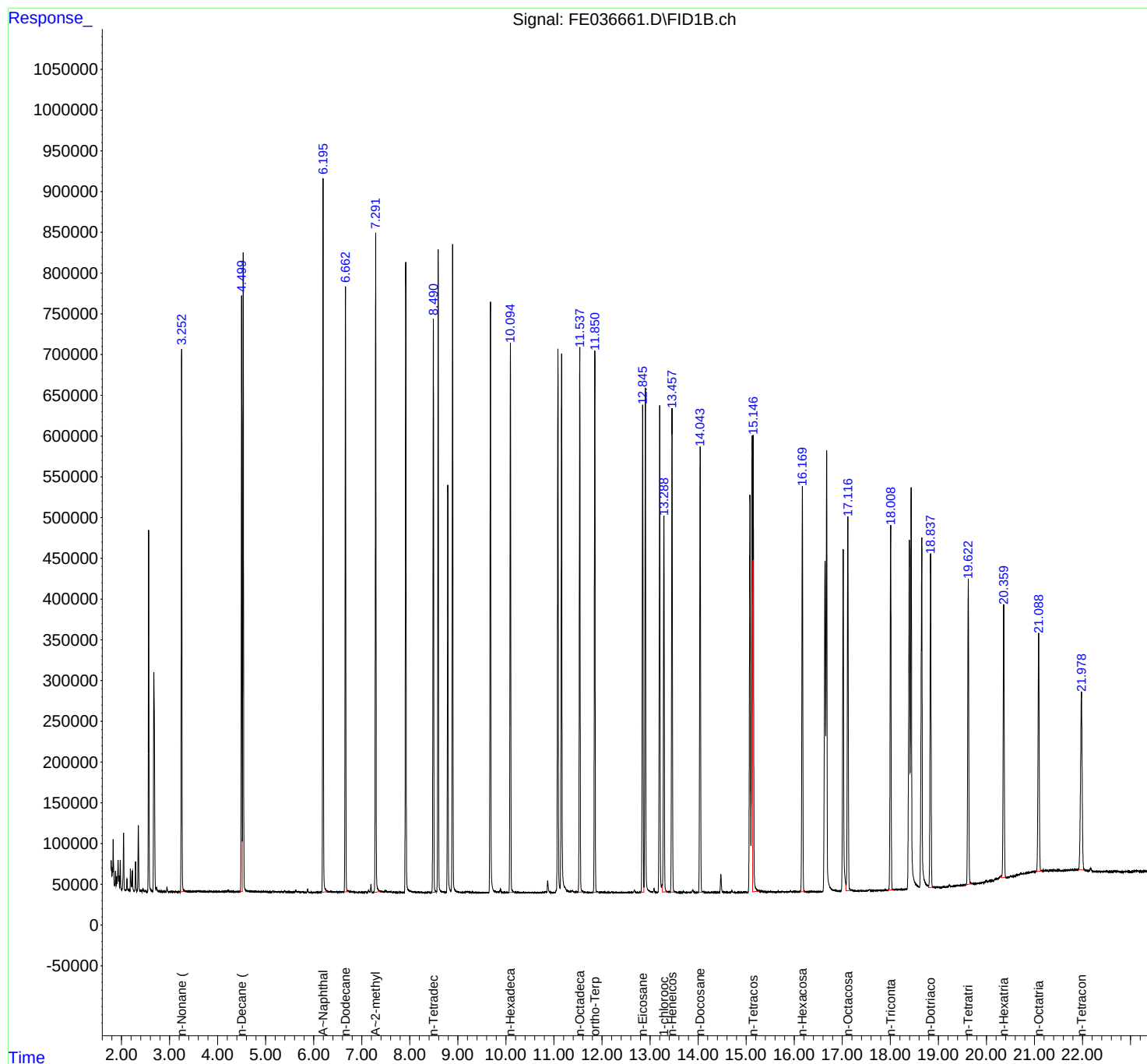
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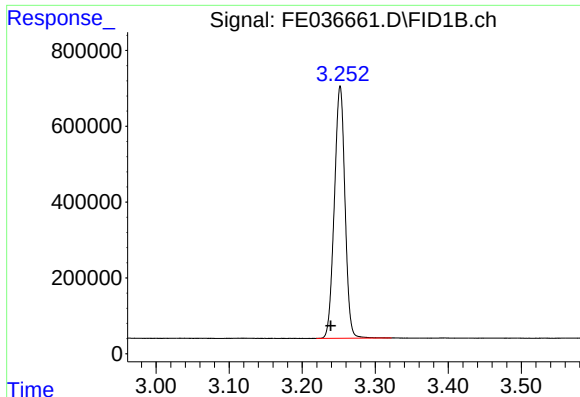
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#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.013 min
Response: 6717015
Conc: 43.57 ug/ml

Instrument :

FID_E

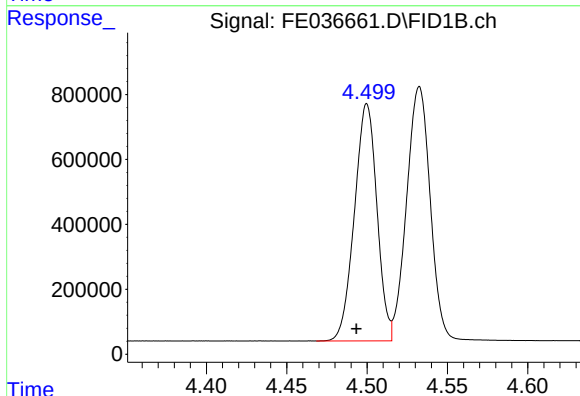
ClientSampleId :

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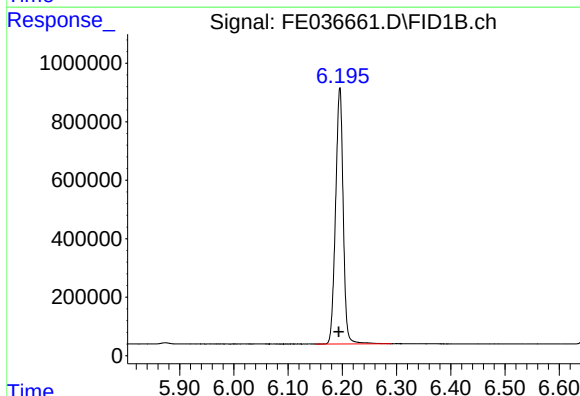
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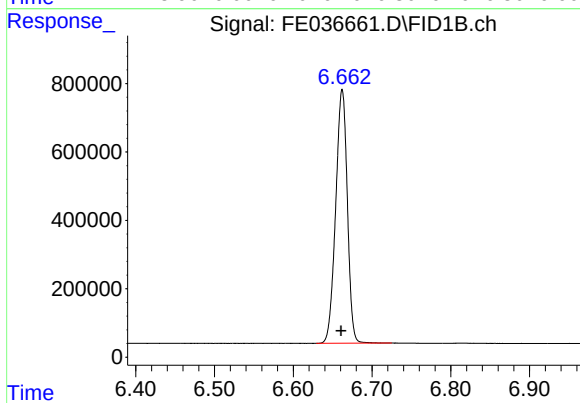
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.007 min
Response: 7111253
Conc: 46.13 ug/ml



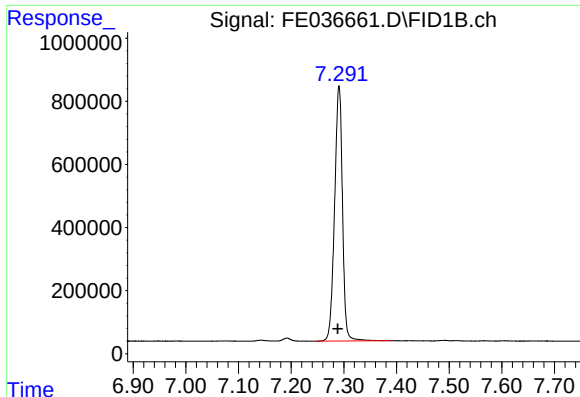
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 8544867
Conc: 50.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 7626443
Conc: 48.56 ug/ml



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

R.T.: 7.291 min
Delta R.T.: 0.003 min
Response: 8423095
Conc: 49.01 ug/ml

Instrument :

FID_E

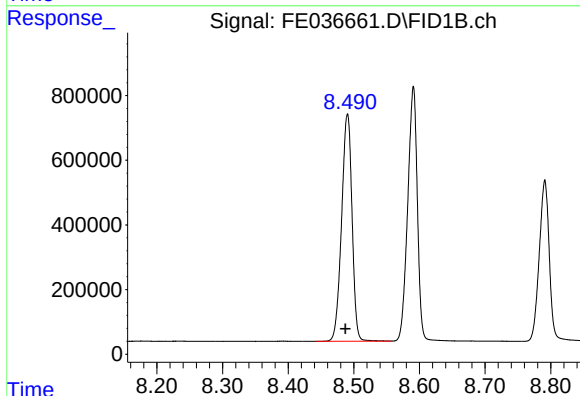
ClientSampleId :

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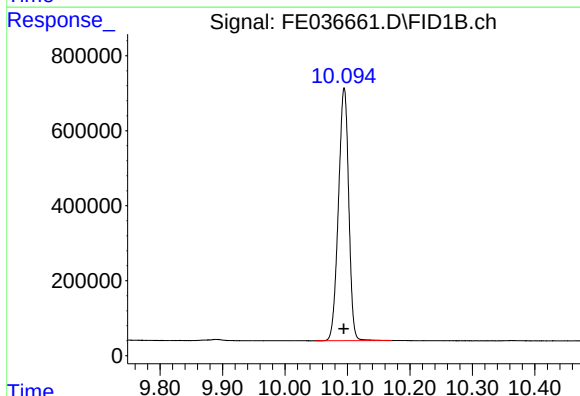
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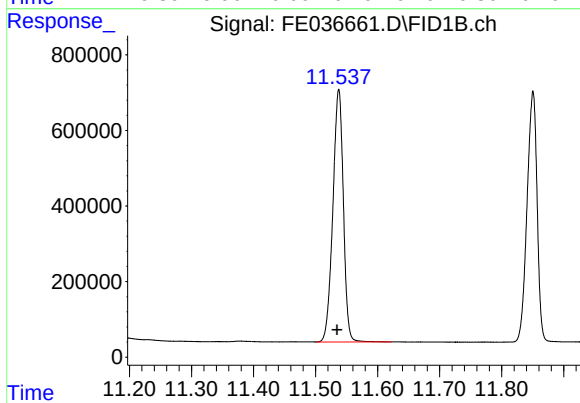
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 7775491
Conc: 47.63 ug/ml



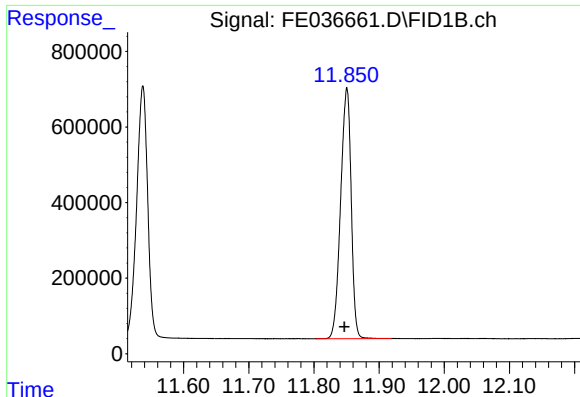
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.001 min
Response: 7714831
Conc: 46.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.003 min
Response: 7861548
Conc: 46.26 ug/ml



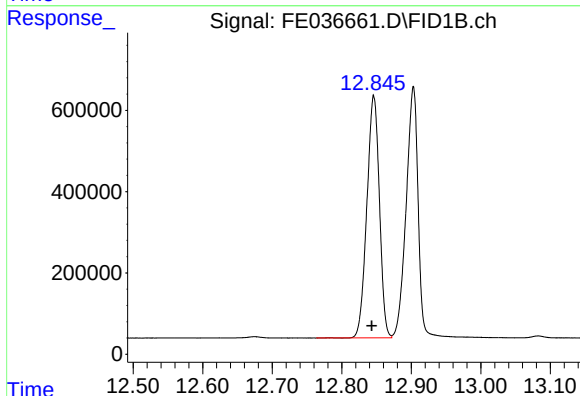
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min
Delta R.T.: 0.004 min
Response: 7457536
Conc: 40.04 ug/ml

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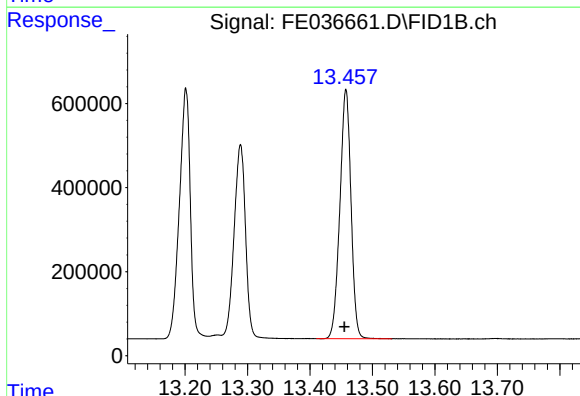
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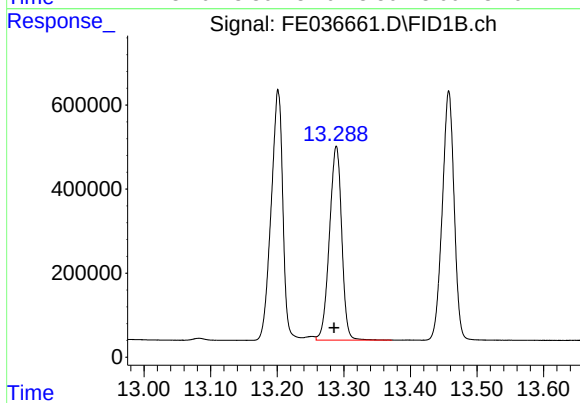
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: 0.003 min
Response: 7469745
Conc: 43.91 ug/ml



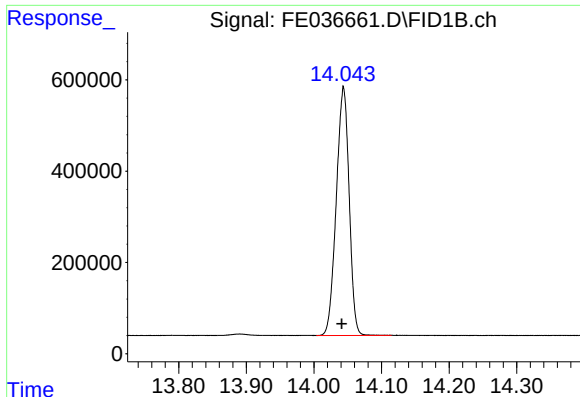
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: 0.003 min
Response: 7328273
Conc: 42.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: 0.003 min
Response: 5916038
Conc: 38.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: 0.003 min
Response: 7191361
Conc: 42.12 ug/ml

Instrument :

FID_E

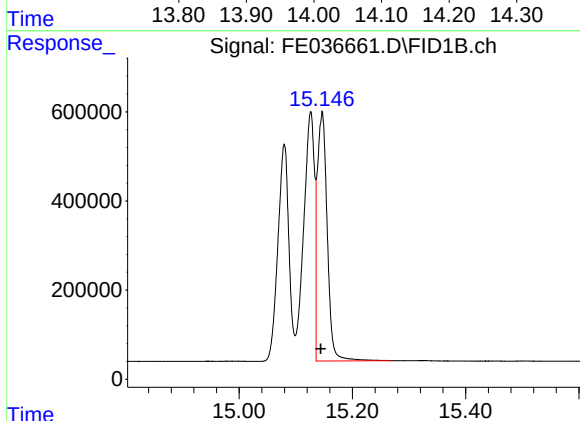
ClientSampleId :

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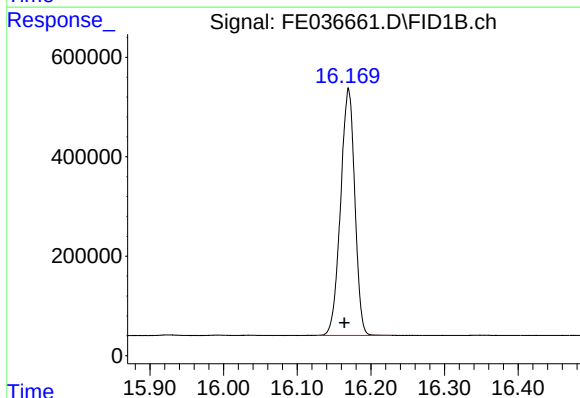
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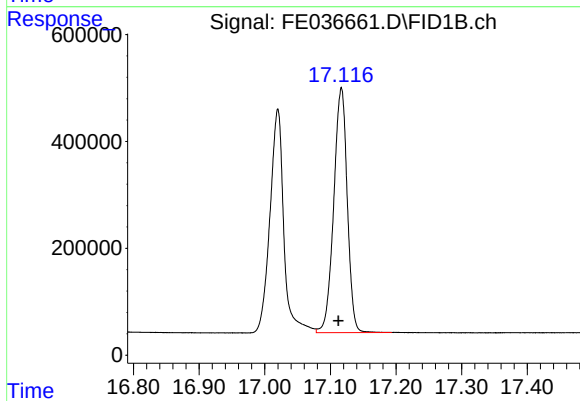
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: 0.003 min
Response: 6807802
Conc: 39.94 ug/ml



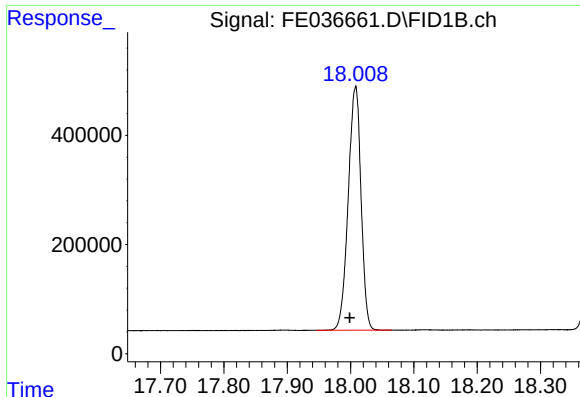
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.006 min
Response: 6655986
Conc: 39.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.005 min
Response: 6566477
Conc: 40.20 ug/ml



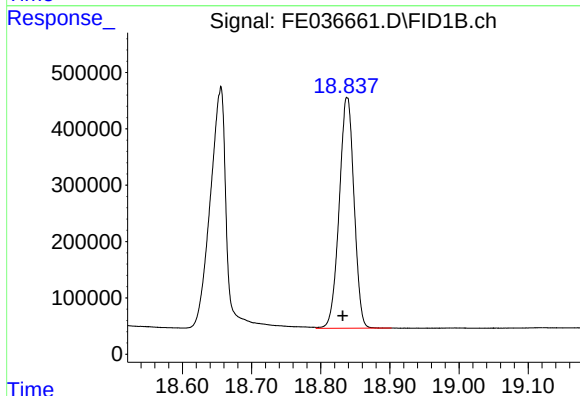
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: 0.009 min
Response: 6271157
Conc: 41.27 ug/ml

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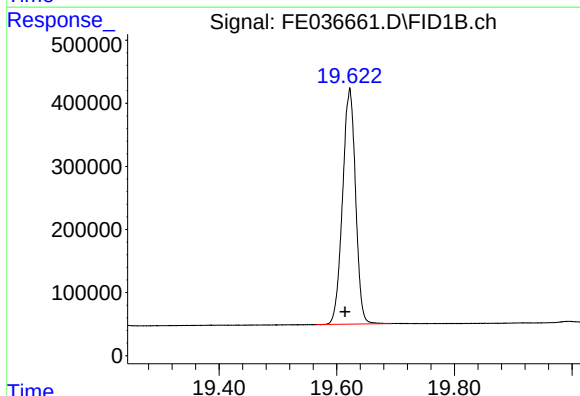
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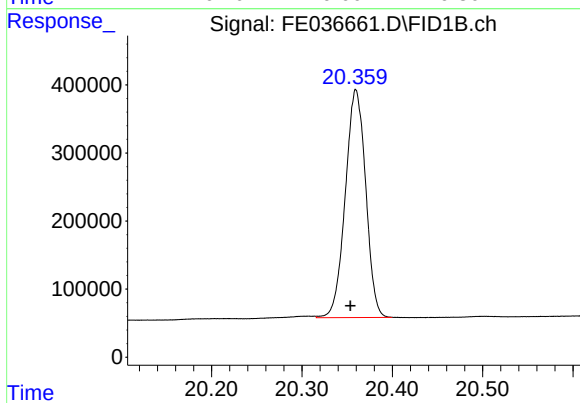
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.006 min
Response: 6108206
Conc: 50.79 ug/ml



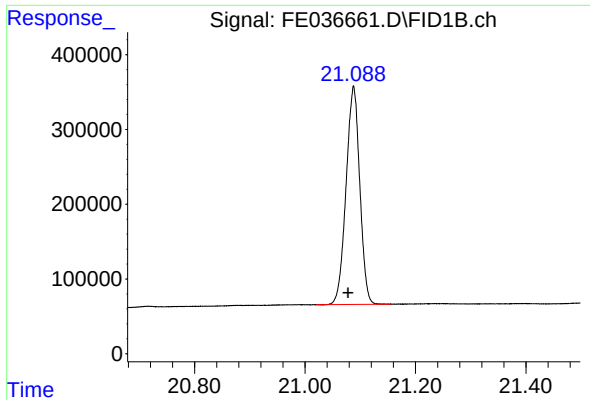
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: 0.008 min
Response: 5727908
Conc: 68.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.005 min
Response: 5248634
Conc: 89.39 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.010 min
Response: 5029634
Conc: 100.32 ug/ml

Instrument :

FID_E

ClientSampleId :

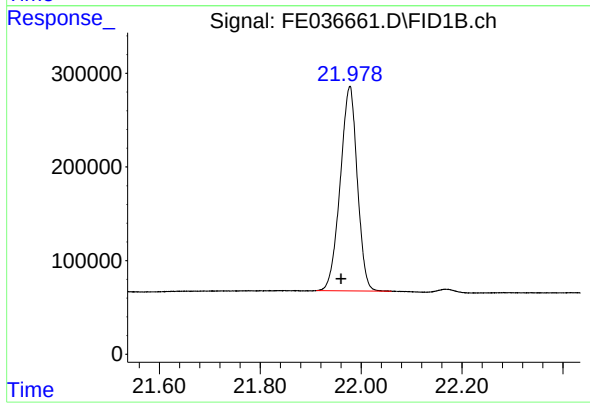
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#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.017 min
Response: 5131343
Conc: 99.36 ug/ml