

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054072.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 15:34
 Operator : YP\AJ
 Sample : PB168197BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168197BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 30 01:35:12 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 2025

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)	11.841	6245471	38.431 ug/ml
Spiked Amount 50.000		Recovery =	76.86%
12) S 1-chlorooctadecane (S...	13.286	5076728	42.824 ug/ml
Spiked Amount 50.000		Recovery =	85.65%
Target Compounds			
1) T n-Nonane (C9)	3.195	4618087	34.169 ug/ml
2) T n-Decane (C10)	4.454	4784800	35.409 ug/ml
3) T A~Naphthalene (C11.7)	6.165	5875333	40.882 ug/ml
4) T n-Dodecane (C12)	6.633	5104975	37.425 ug/ml
5) T A~2-methylnaphthalene...	7.267	5428890	39.139 ug/ml
6) T n-Tetradecane (C14)	8.469	5213894	38.636 ug/ml
7) T n-Hexadecane (C16)	10.080	5342157	39.591 ug/ml
8) T n-Octadecane (C18)	11.526	5354126	39.760 ug/mlm
10) T n-Eicosane (C20)	12.840	5527763	42.059 ug/ml
11) T n-Heneicosane (C21)	13.454	5318109	41.021 ug/ml
13) T n-Docosane (C22)	14.041	5258242	41.217 ug/ml
14) T n-Tetracosane (C24)	15.140	11094457	88.673 ug/ml
15) T n-Hexacosane (C26)	16.171	5136153	41.944 ug/ml
16) T n-Octacosane (C28)	17.121	5277196	43.411 ug/ml
17) T n-Tricontane (C30)	18.013	5052406	40.561 ug/ml
18) T n-Dotriacontane (C32)	18.844	4990179	39.904 ug/mlm
19) T n-Tetratriacontane (C34)	19.629	5124657	43.020 ug/ml
20) T n-Hexatriacontane (C36)	20.371	5389076	46.543 ug/ml
21) T n-Octatriacontane (C38)	21.101	5795620	53.256 ug/ml
22) T n-Tetracontane (C40)	21.995	6070194	61.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168197BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

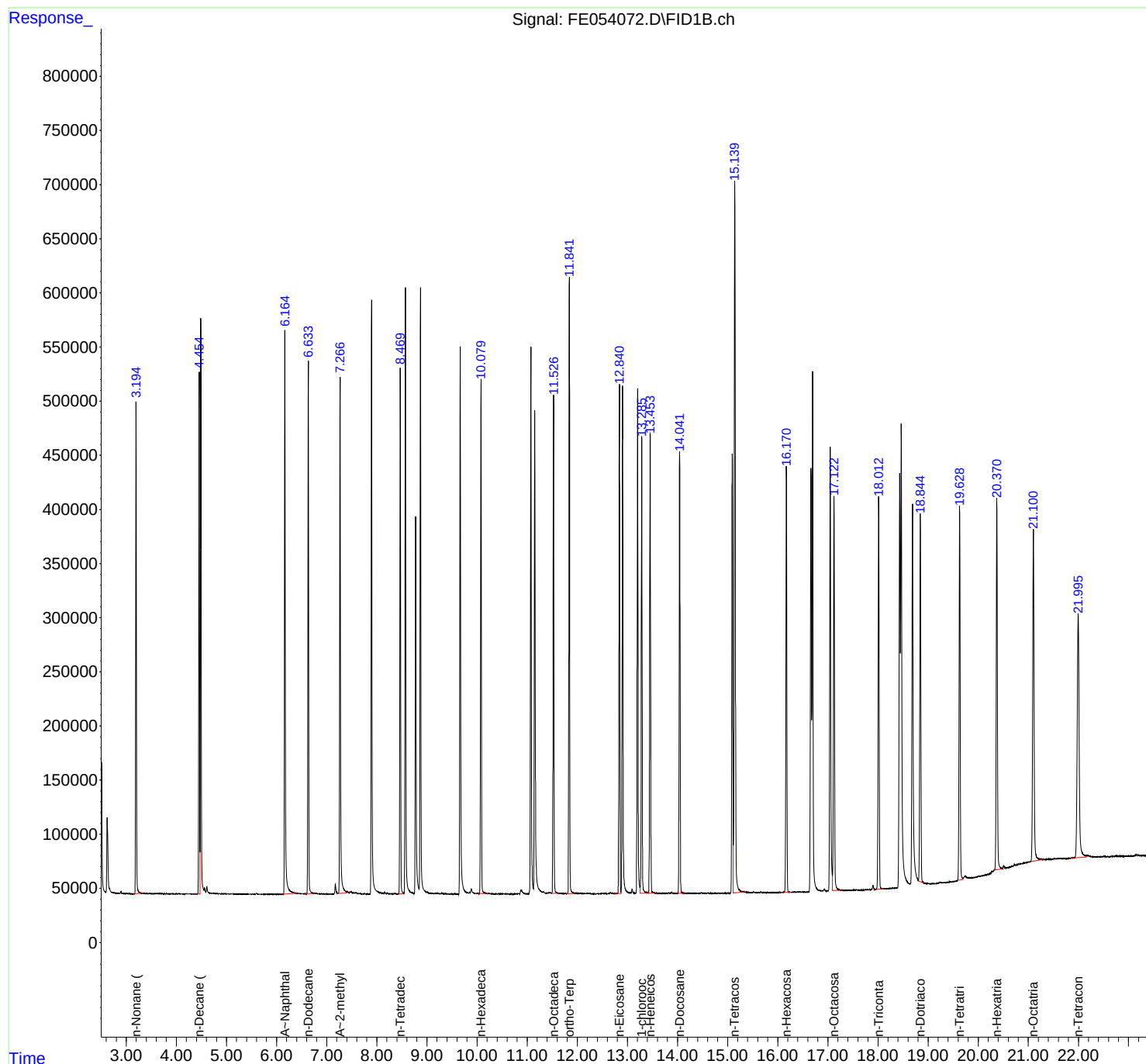
Instrument :
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ClientSampleId :
PB168197BSD

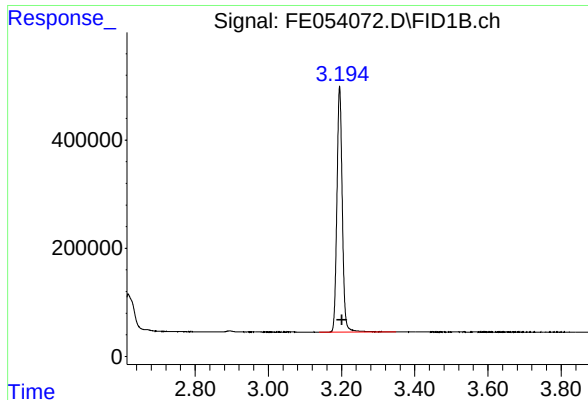
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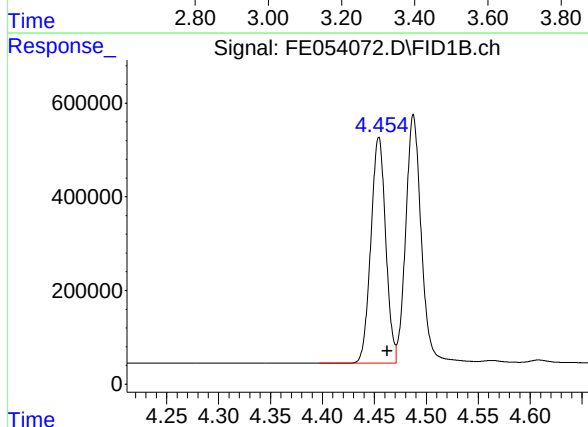
#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: -0.007 min
Response: 4618087
Conc: 34.17 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168197BSD

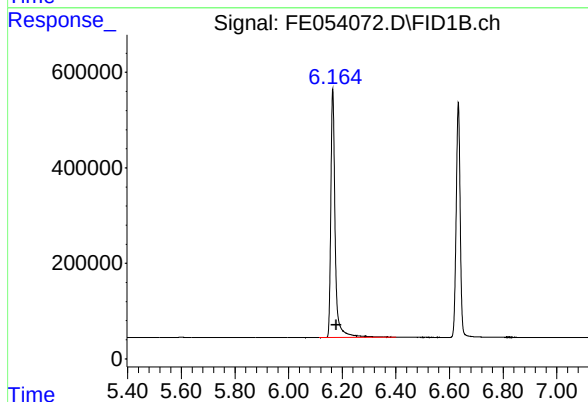
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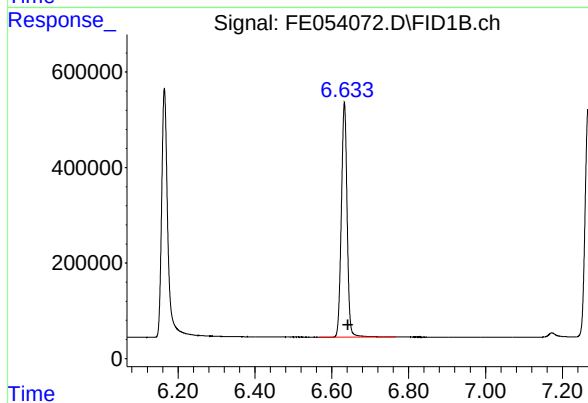
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.008 min
Response: 4784800
Conc: 35.41 ug/ml



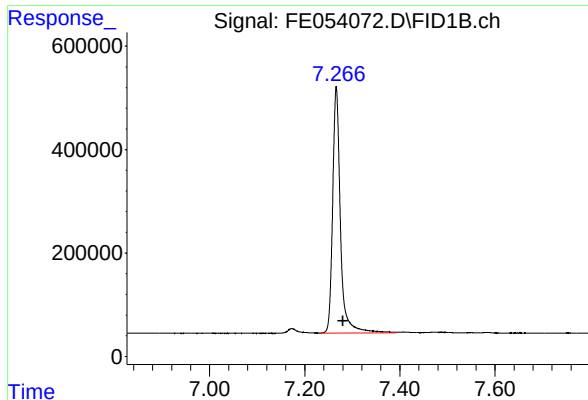
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.014 min
Response: 5875333
Conc: 40.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 5104975
Conc: 37.42 ug/ml



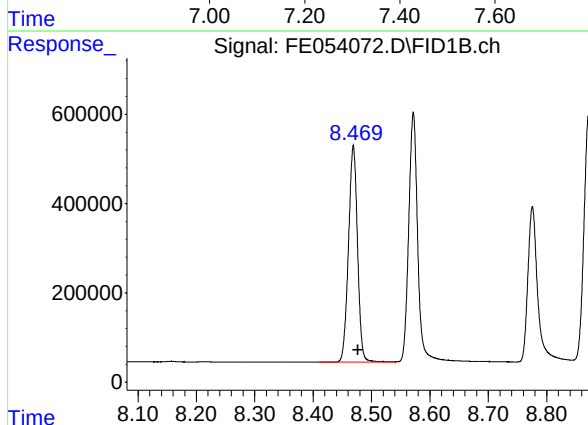
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: -0.014 min
Response: 5428890
Conc: 39.14 ug/ml

Instrument :
FID_E
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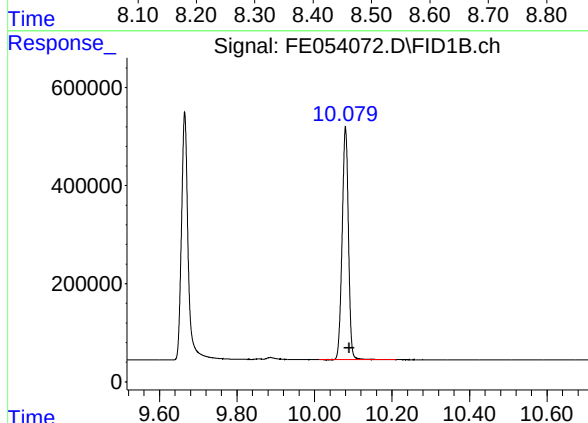
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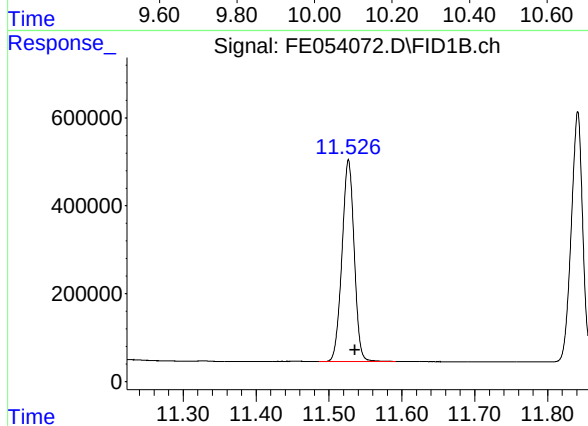
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 5213894
Conc: 38.64 ug/ml



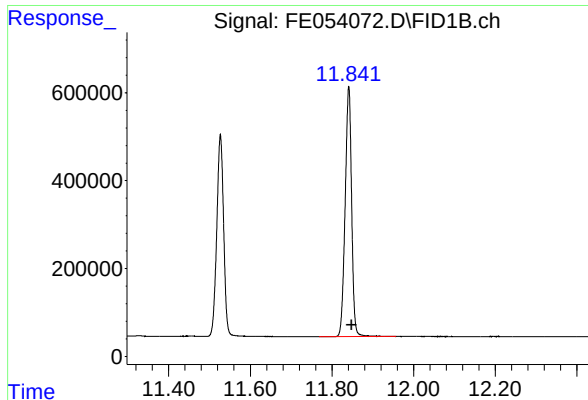
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.010 min
Response: 5342157
Conc: 39.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.009 min
Response: 5354126
Conc: 39.76 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 6245471
Conc: 38.43 ug/ml

Instrument :

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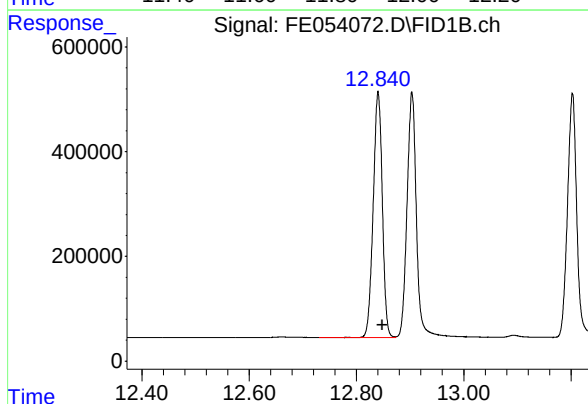
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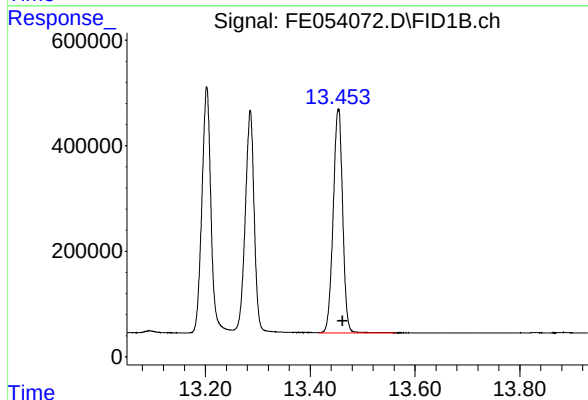
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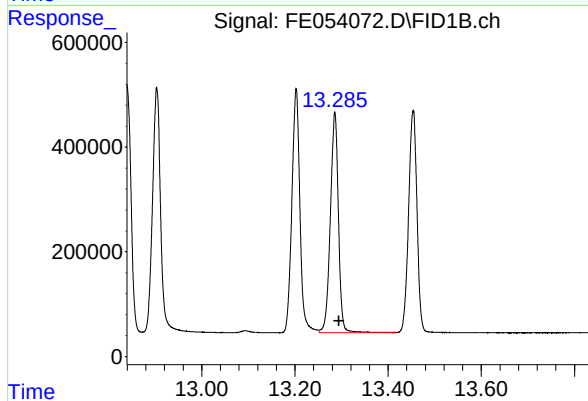
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.008 min
Response: 5527763
Conc: 42.06 ug/ml



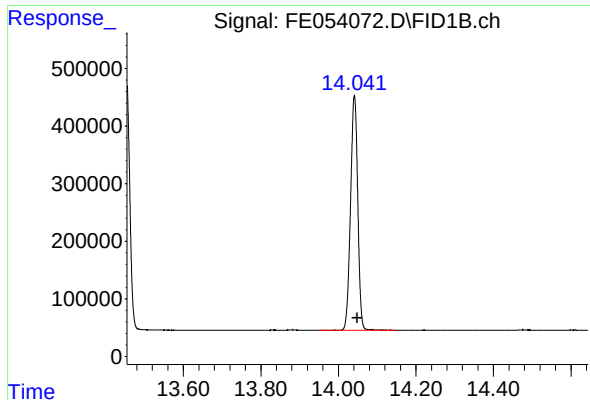
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 5318109
Conc: 41.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.009 min
Response: 5076728
Conc: 42.82 ug/ml



#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.008 min
Response: 5258242
Conc: 41.22 ug/ml

Instrument :

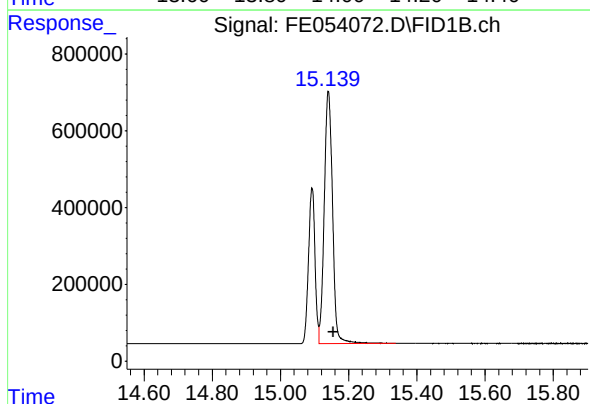
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ClientSampleId :

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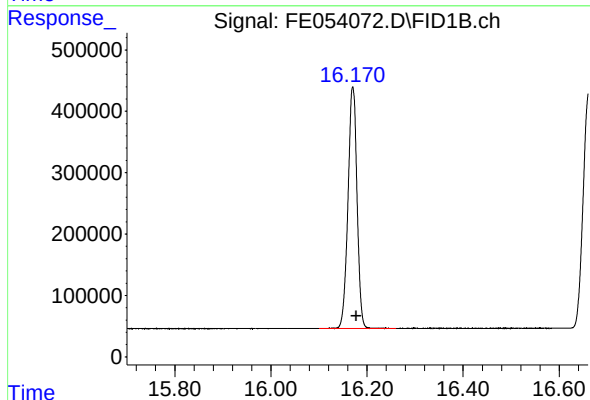
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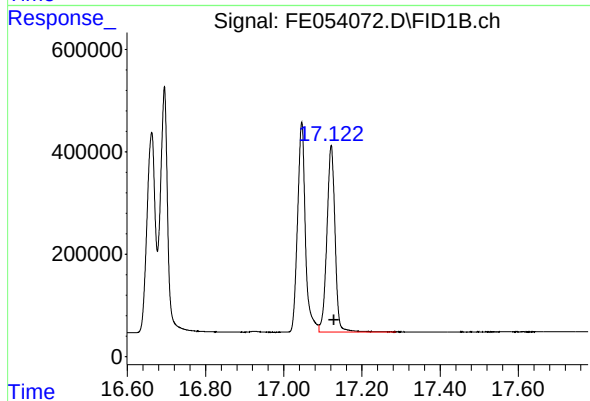
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.014 min
Response: 11094457
Conc: 88.67 ug/ml



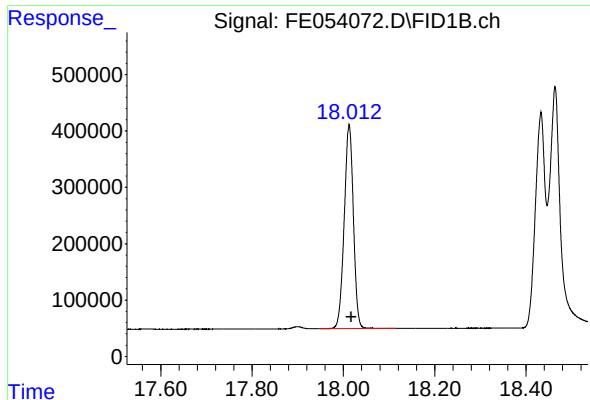
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.007 min
Response: 5136153
Conc: 41.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: -0.007 min
Response: 5277196
Conc: 43.41 ug/ml



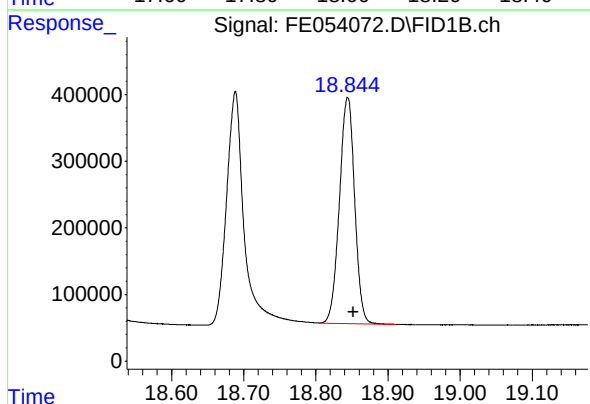
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 5052406
Conc: 40.56 ug/ml

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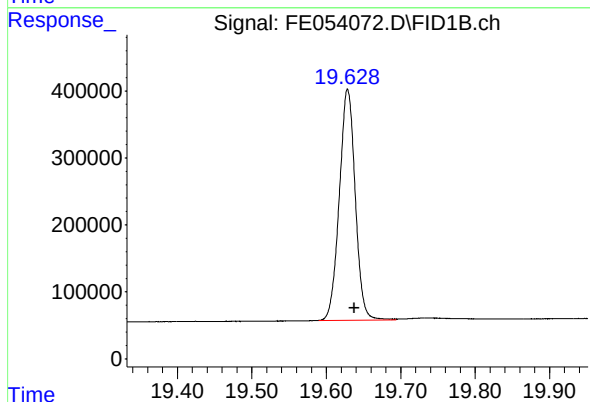
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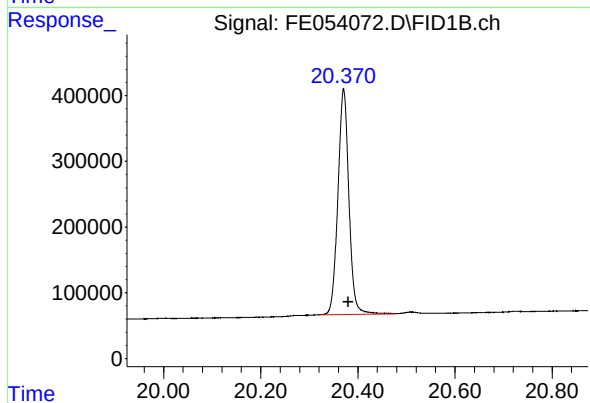
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.009 min
Response: 4990179
Conc: 39.90 ug/ml



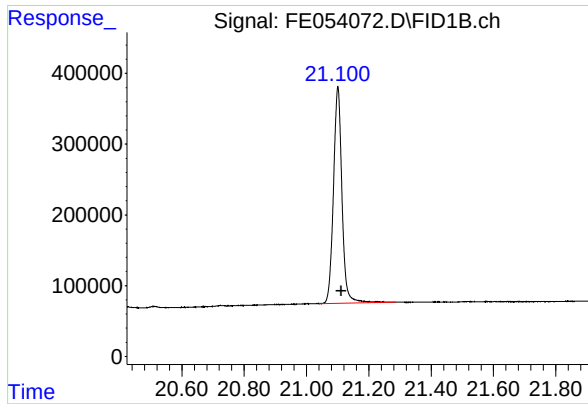
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.009 min
Response: 5124657
Conc: 43.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.010 min
Response: 5389076
Conc: 46.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.010 min
Response: 5795620
Conc: 53.26 ug/ml

Instrument :

FID_E

ClientSampleId :

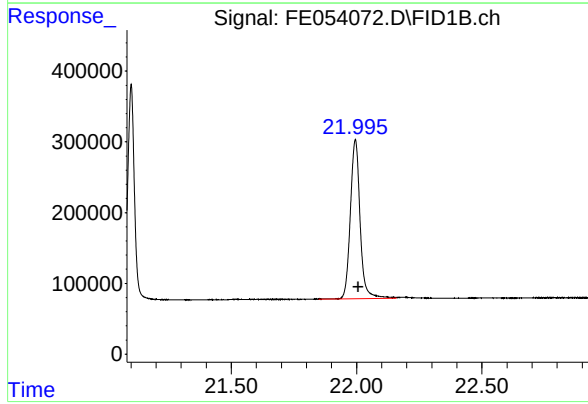
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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.012 min
Response: 6070194
Conc: 61.17 ug/ml