

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052438.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 13:42
 Operator : YP\AJ
 Sample : PB166818BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166818BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2025
 Supervised By :Ankita Jodhani 02/24/2025

Integration File: autoint1.e
 Quant Time: Feb 21 22:04:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.914	6293404	33.667 ug/ml
Spiked Amount 50.000		Recovery =	67.33%
12) S 1-chlorooctadecane (S...	13.357	4960741	35.690 ug/mlm
Spiked Amount 50.000		Recovery =	71.38%
Target Compounds			
1) T n-Nonane (C9)	3.265	5999913	39.087 ug/ml
2) T n-Decane (C10)	4.522	6221473	39.833 ug/ml
3) T A~Naphthalene (C11.7)	6.229	7170380	41.503 ug/ml
4) T n-Dodecane (C12)	6.698	6241827	39.545 ug/ml
5) T A~2-methylnaphthalene...	7.331	6557585	39.045 ug/ml
6) T n-Tetradecane (C14)	8.536	6247355	39.662 ug/ml
7) T n-Hexadecane (C16)	10.149	6145138	37.599 ug/ml
8) T n-Octadecane (C18)	11.597	6069672	36.684 ug/ml
10) T n-Eicosane (C20)	12.913	6165397	38.673 ug/ml
11) T n-Heneicosane (C21)	13.527	5883227	37.551 ug/ml
13) T n-Docosane (C22)	14.115	5824641	37.219 ug/ml
14) T n-Tetracosane (C24)	15.202	12100854	76.943 ug/ml
15) T n-Hexacosane (C26)	16.246	5630773	36.354 ug/ml
16) T n-Octacosane (C28)	17.197	5634269	36.834 ug/ml
17) T n-Tricontane (C30)	18.088	5622103	36.017 ug/ml
18) T n-Dotriacontane (C32)	18.922	5568095	36.388 ug/ml
19) T n-Tetratriacontane (C34)	19.710	5549631	39.010 ug/ml
20) T n-Hexatriacontane (C36)	20.451	5374951	43.125 ug/ml
21) T n-Octatriacontane (C38)	21.194	5433997	49.715 ug/ml
22) T n-Tetracontane (C40)	22.114	5603890	55.711 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166818BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

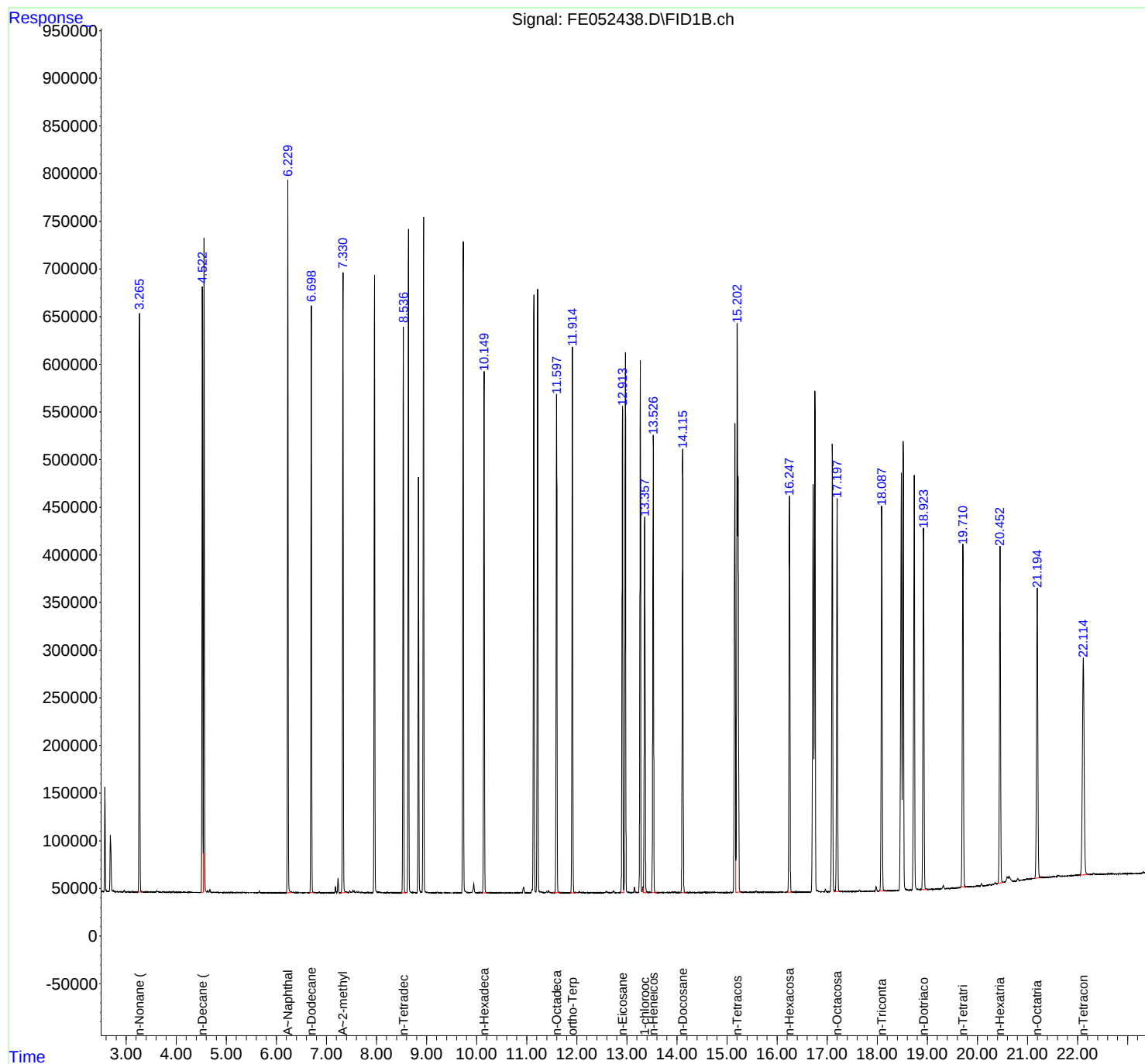
Instrument :
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ClientSampleId :
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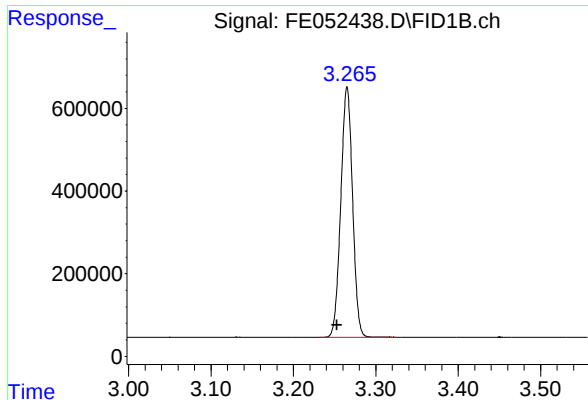
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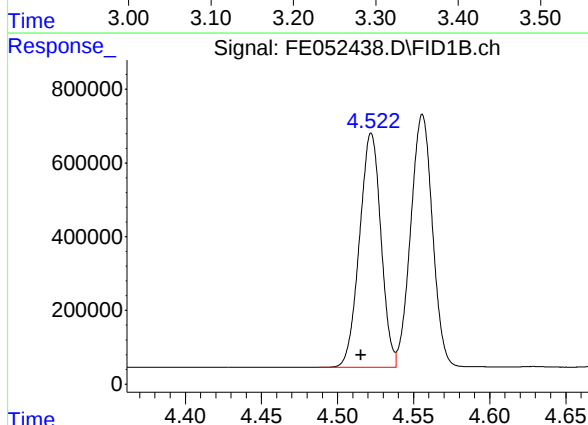
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.012 min
Response: 5999913
Conc: 39.09 ug/ml

Instrument :
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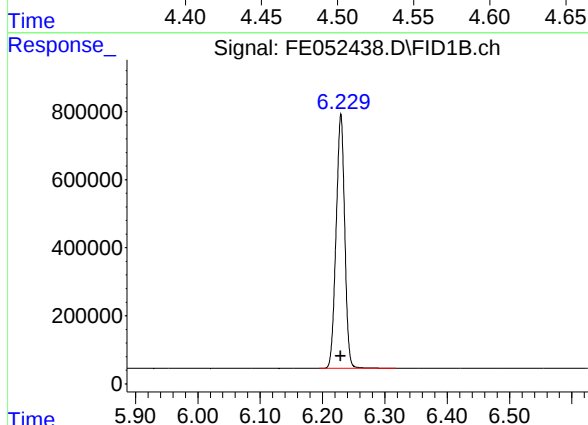
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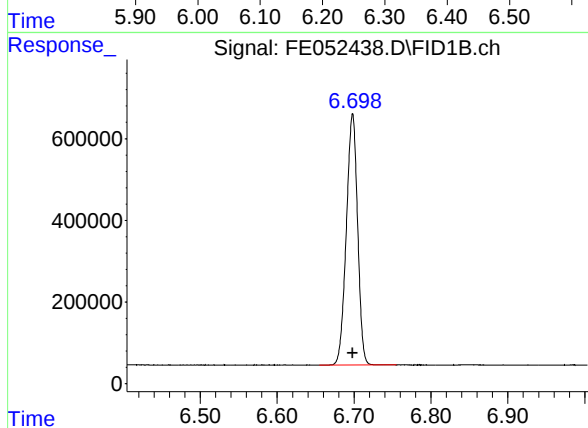
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.007 min
Response: 6221473
Conc: 39.83 ug/ml



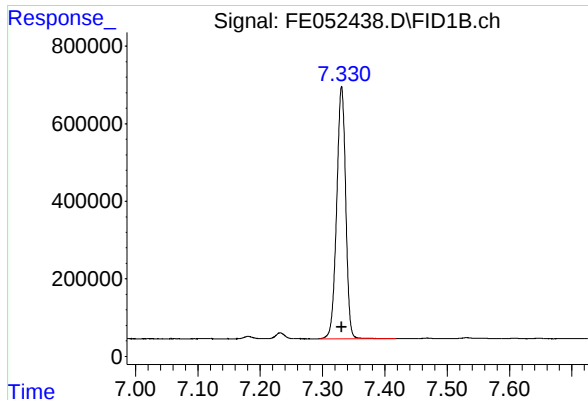
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 7170380
Conc: 41.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 6241827
Conc: 39.54 ug/ml



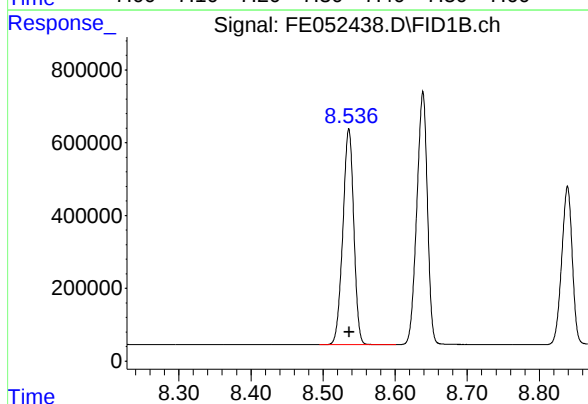
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 6557585
Conc: 39.05 ug/ml

Instrument :
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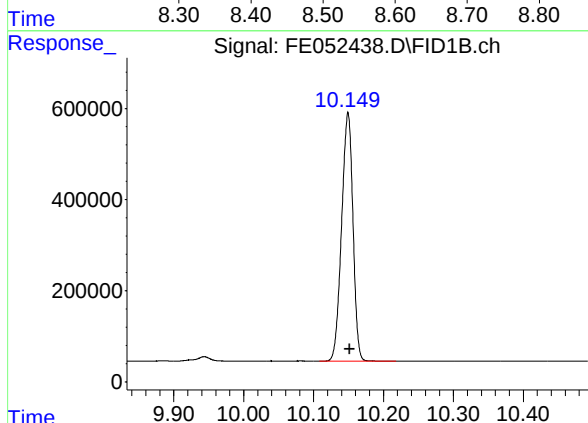
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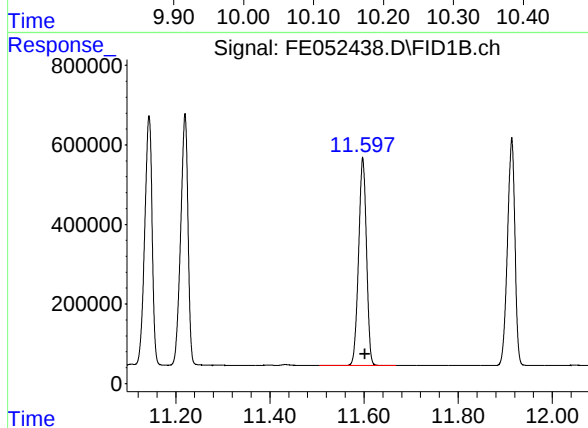
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 6247355
Conc: 39.66 ug/ml



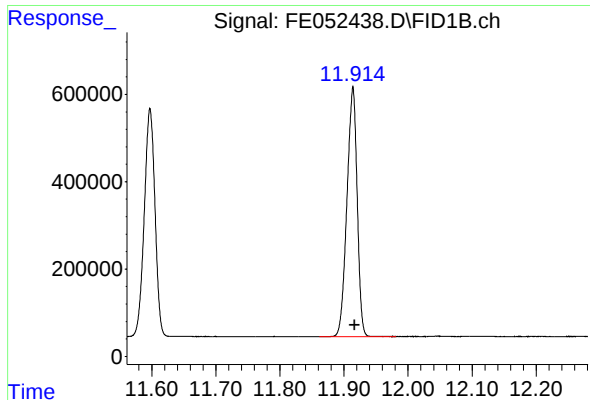
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.003 min
Response: 6145138
Conc: 37.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.597 min
Delta R.T.: -0.004 min
Response: 6069672
Conc: 36.68 ug/ml



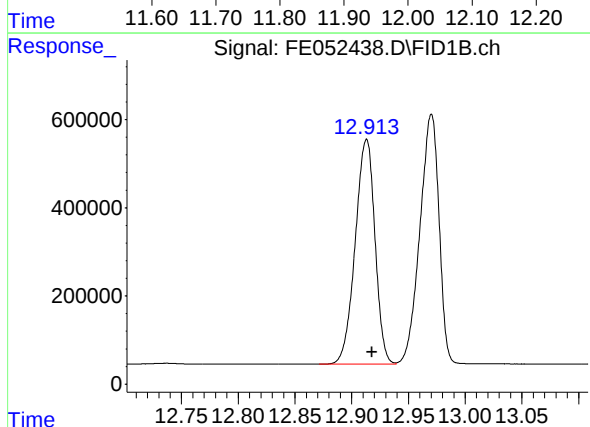
#9 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: -0.003 min
Response: 6293404
Conc: 33.67 ug/ml

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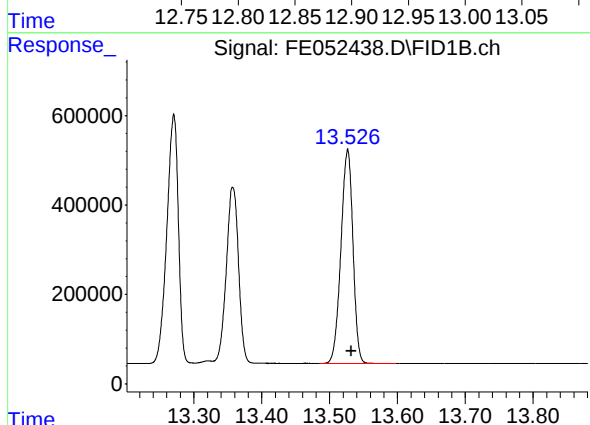
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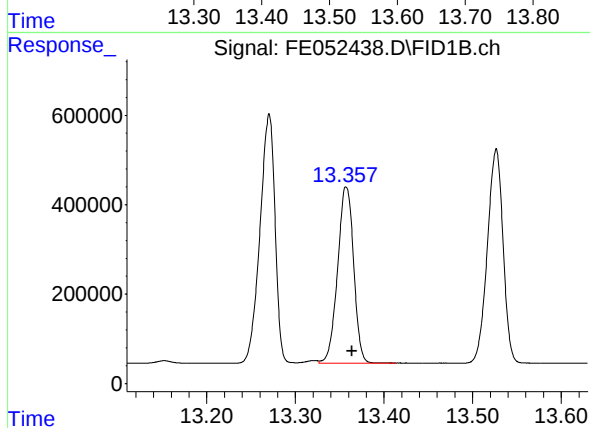
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.005 min
Response: 6165397
Conc: 38.67 ug/ml



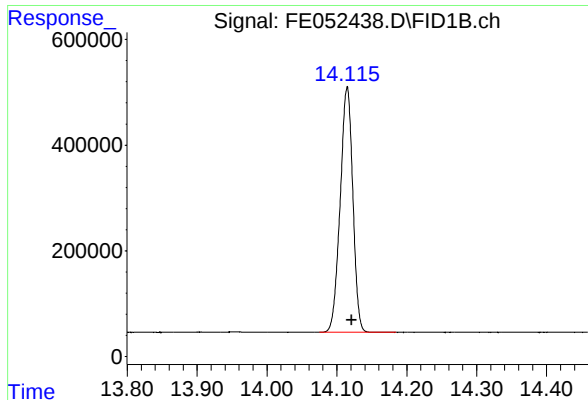
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.006 min
Response: 5883227
Conc: 37.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.008 min
Response: 4960741
Conc: 35.69 ug/ml m



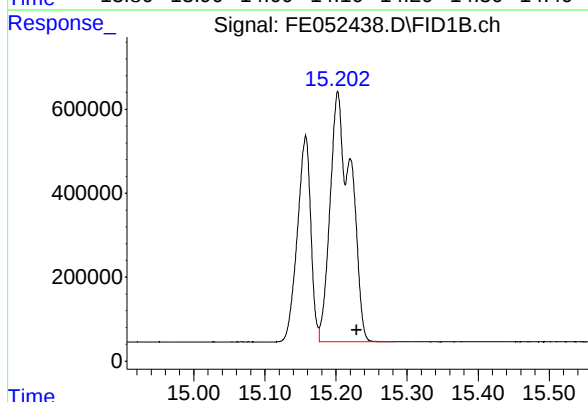
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.007 min
Response: 5824641
Conc: 37.22 ug/ml

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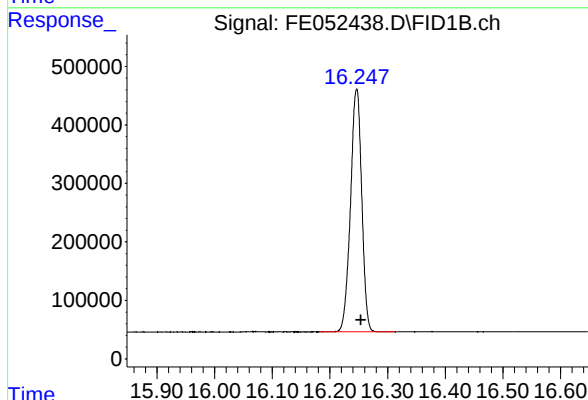
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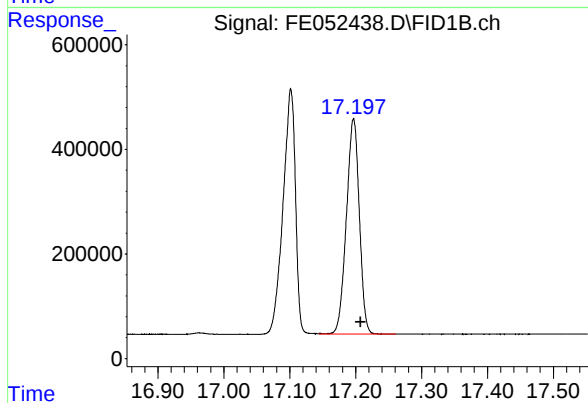
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.027 min
Response: 12100854
Conc: 76.94 ug/ml



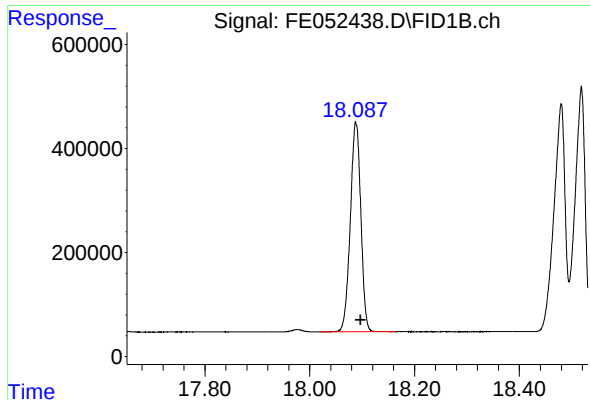
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.007 min
Response: 5630773
Conc: 36.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: -0.011 min
Response: 5634269
Conc: 36.83 ug/ml



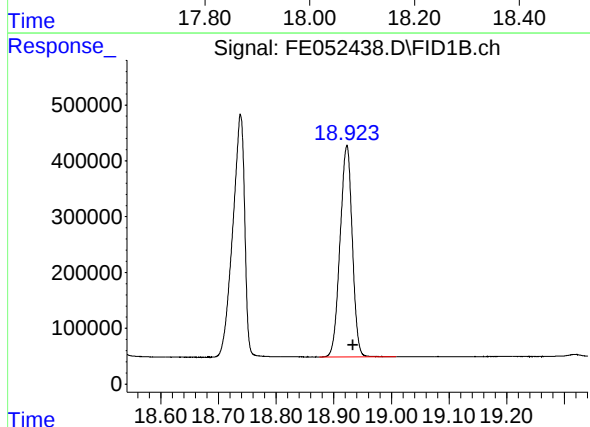
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.009 min
Response: 5622103
Conc: 36.02 ug/ml

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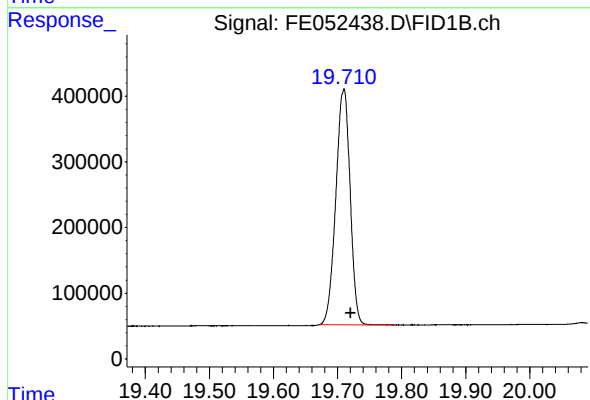
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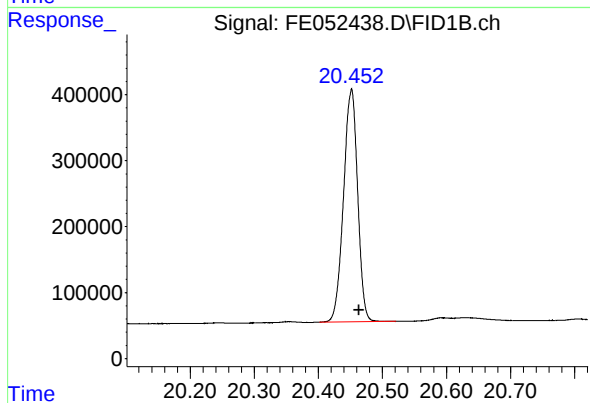
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 5568095
Conc: 36.39 ug/ml



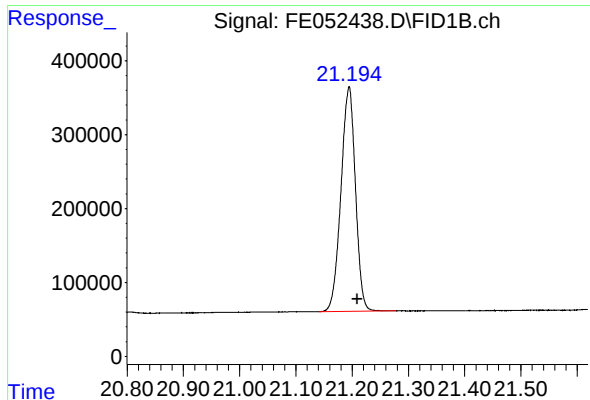
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.011 min
Response: 5549631
Conc: 39.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.012 min
Response: 5374951
Conc: 43.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.015 min
Response: 5433997
Conc: 49.72 ug/ml

Instrument :

FID_E

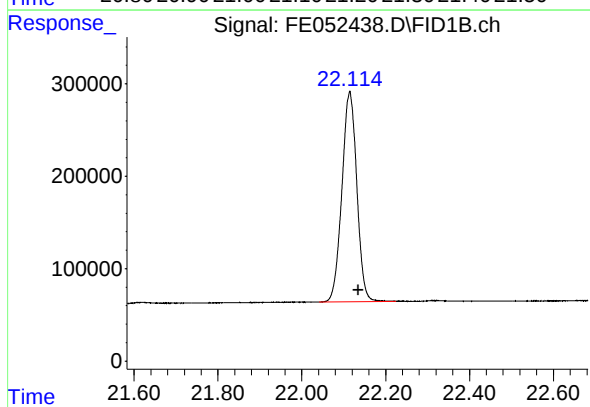
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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.021 min
Response: 5603890
Conc: 55.71 ug/ml