

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050324AL\
 Data File : FE047971.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 17:20
 Operator : YP\AJ
 Sample : P2357-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-05022024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :Ankita Jodhani 05/06/2024

Integration File: autoint1.e
 Quant Time: May 03 23:47:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.974	4672005	32.385 ug/ml
Spiked Amount 50.000		Recovery =	64.77%
12) S 1-chlorooctadecane (S...	13.409	31121477	278.514 ug/ml
Spiked Amount 50.000		Recovery =	557.03%
Target Compounds			
1) T n-Nonane (C9)	3.353	3363842	26.101 ug/ml
2) T n-Decane (C10)	4.606	3927210	29.830 ug/ml
3) T A~Naphthalene (C11.7)	6.314	4457183	32.279 ug/ml
4) T n-Dodecane (C12)	6.772	4751619	35.643 ug/ml
5) T A~2-methylnaphthalene...	7.411	4782807	35.941 ug/ml
6) T n-Tetradecane (C14)	8.602	5936980	44.800 ug/ml
7) T n-Hexadecane (C16)	10.210	6788051	49.356 ug/ml
8) T n-Octadecane (C18)	11.654	6916345	49.652 ug/ml
10) T n-Eicosane (C20)	12.964	6539603	48.570 ug/mlm
11) T n-Heneicosane (C21)	13.578	7041841	53.196 ug/ml
13) T n-Docosane (C22)	14.162	6053666	45.681 ug/ml
14) T n-Tetracosane (C24)	15.259	10236179	76.875 ug/ml
15) T n-Hexacosane (C26)	16.286	5753253	43.114 ug/ml
16) T n-Octacosane (C28)	17.236	6226744	46.766 ug/ml
17) T n-Tricontane (C30)	18.124	5958125	43.171 ug/ml
18) T n-Dotriacontane (C32)	18.956	5670822	41.055 ug/ml
19) T n-Tetratriacontane (C34)	19.742	6038341	44.327 ug/ml
20) T n-Hexatriacontane (C36)	20.484	6036632	44.584 ug/mlm
21) T n-Octatriacontane (C38)	21.229	5718725	41.420 ug/ml
22) T n-Tetracontane (C40)	22.166	5554439	39.868 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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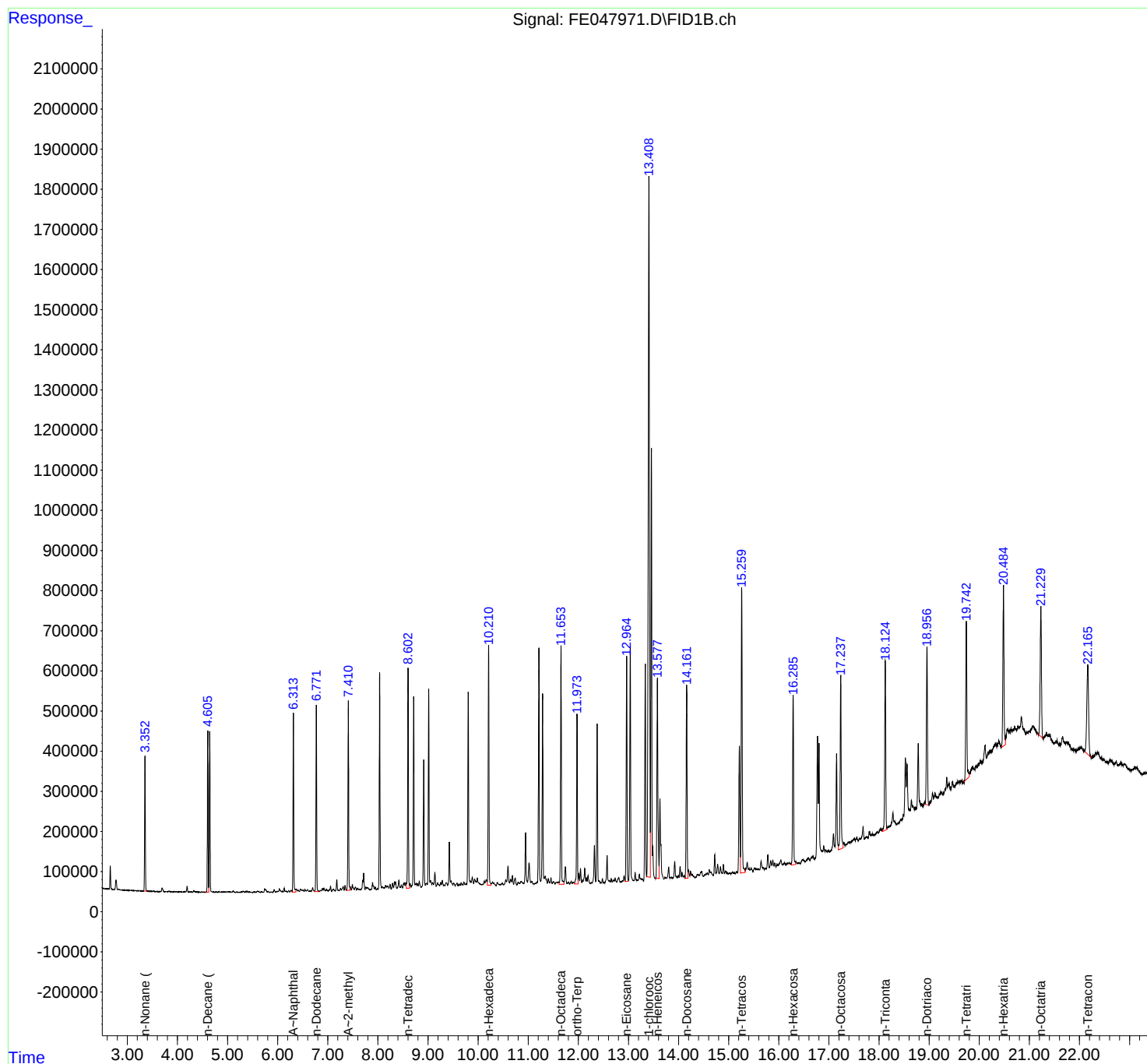
Instrument :
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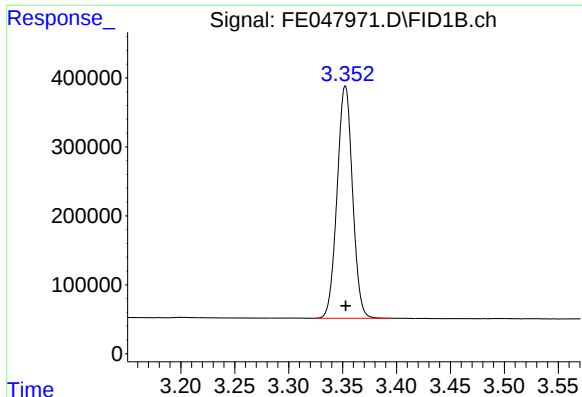
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#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 3363842
Conc: 26.10 ug/ml

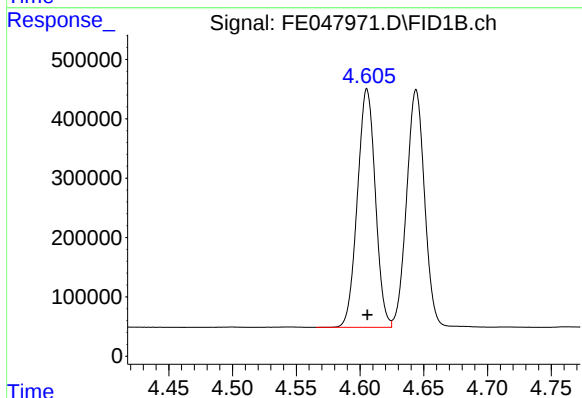
Instrument :

FID_E

ClientSampleId :
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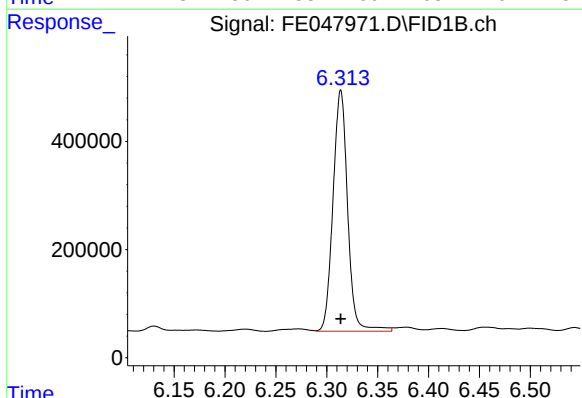
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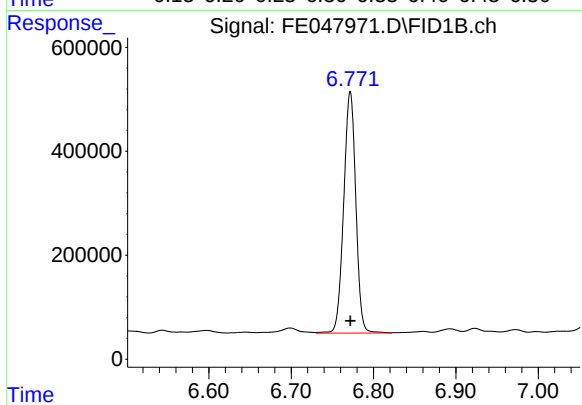
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3927210
Conc: 29.83 ug/ml



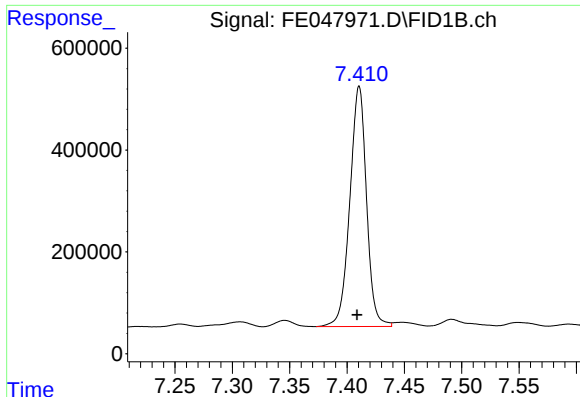
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 4457183
Conc: 32.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 4751619
Conc: 35.64 ug/ml



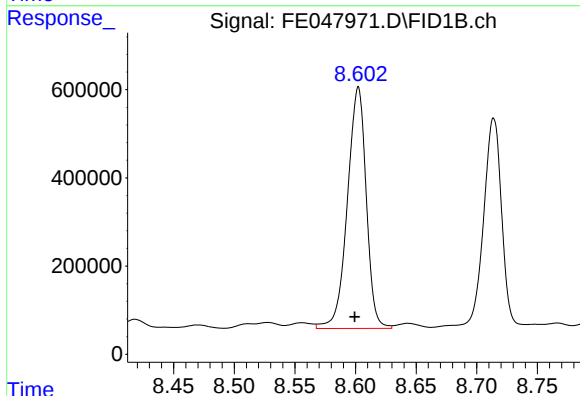
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 4782807
Conc: 35.94 ug/ml

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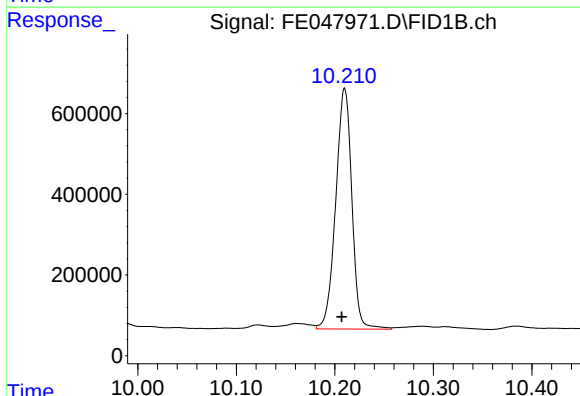
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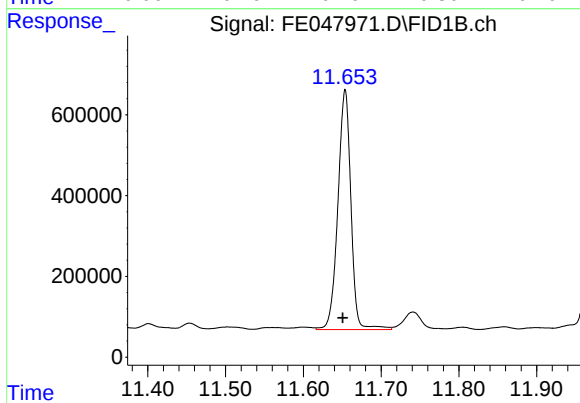
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.003 min
Response: 5936980
Conc: 44.80 ug/ml



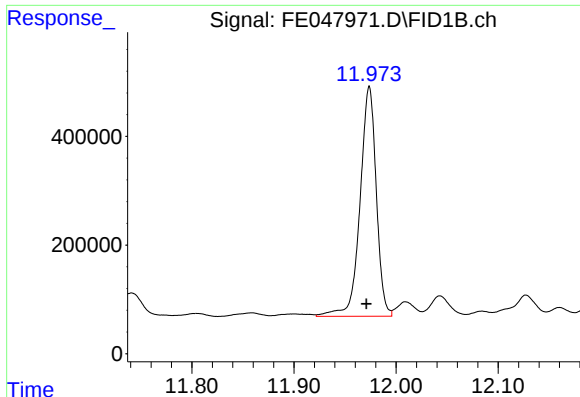
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6788051
Conc: 49.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 6916345
Conc: 49.65 ug/ml



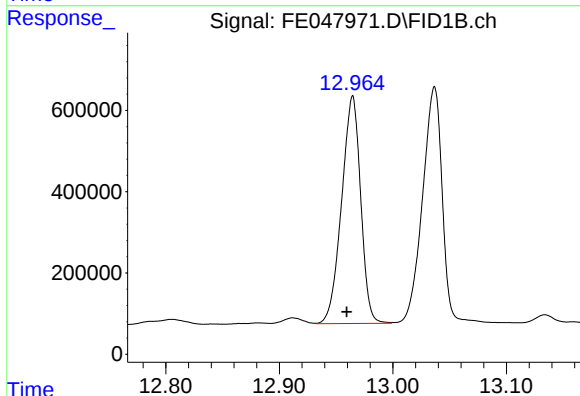
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 4672005
Conc: 32.38 ug/ml

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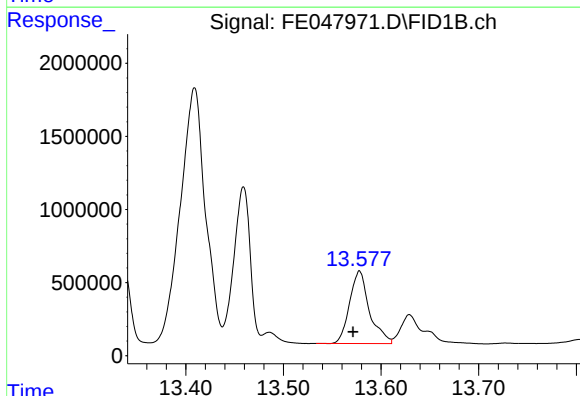
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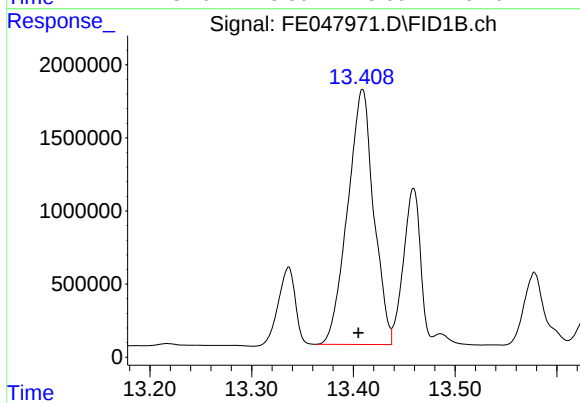
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.005 min
Response: 6539603
Conc: 48.57 ug/ml m



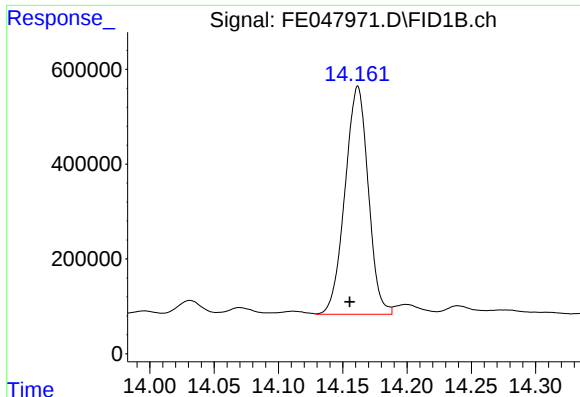
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.007 min
Response: 7041841
Conc: 53.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 31121477
Conc: 278.51 ug/ml



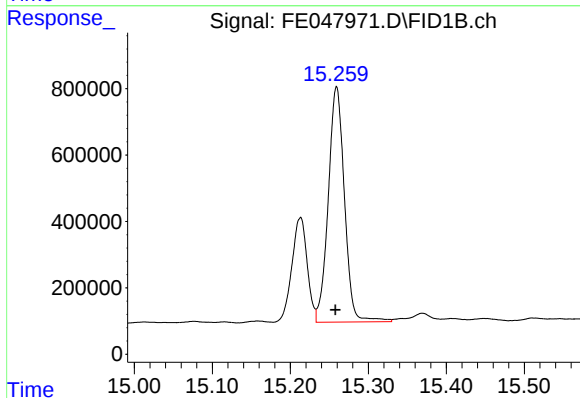
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.006 min
Response: 6053666
Conc: 45.68 ug/ml

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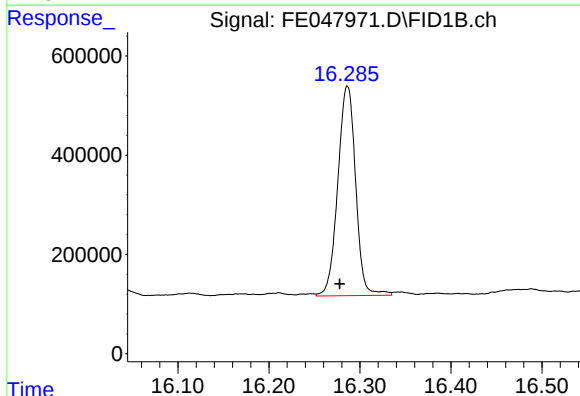
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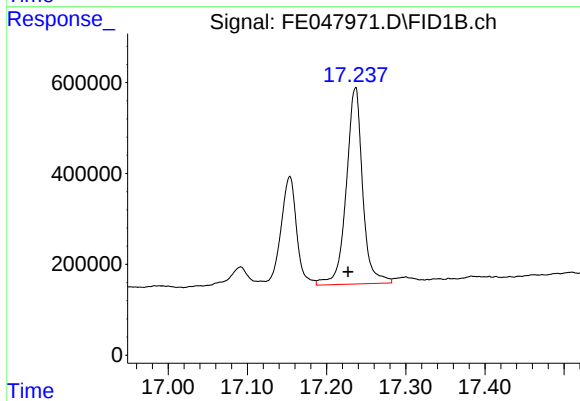
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.001 min
Response: 10236179
Conc: 76.88 ug/ml



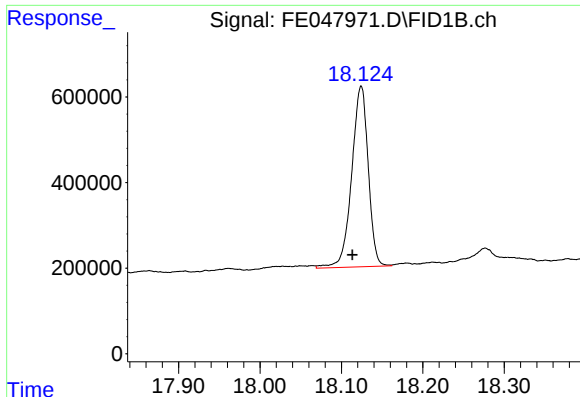
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 5753253
Conc: 43.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.009 min
Response: 6226744
Conc: 46.77 ug/ml



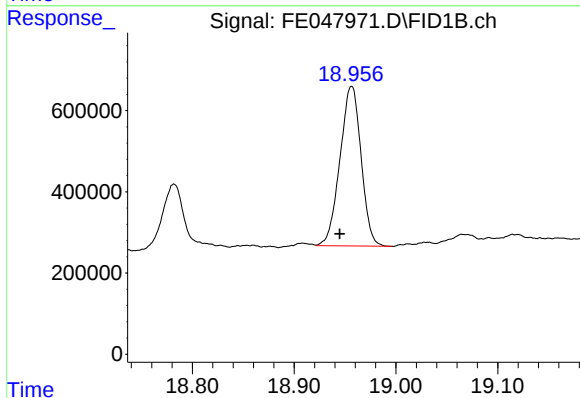
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 5958125
Conc: 43.17 ug/ml

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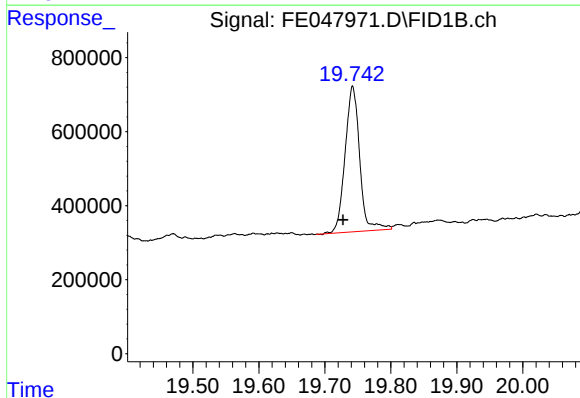
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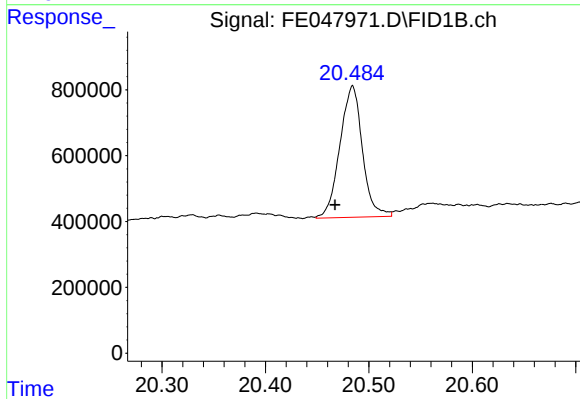
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.012 min
Response: 5670822
Conc: 41.06 ug/ml



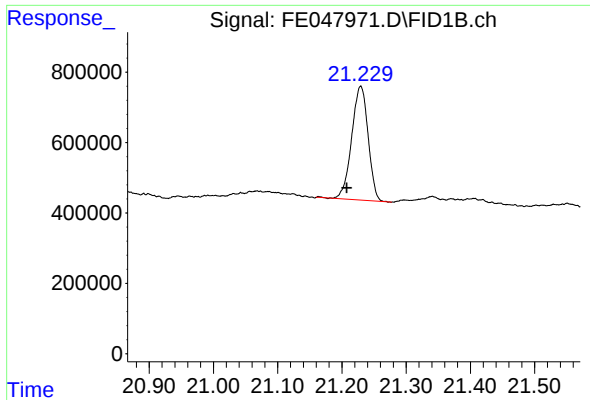
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.014 min
Response: 6038341
Conc: 44.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: 0.017 min
Response: 6036632
Conc: 44.58 ug/ml m



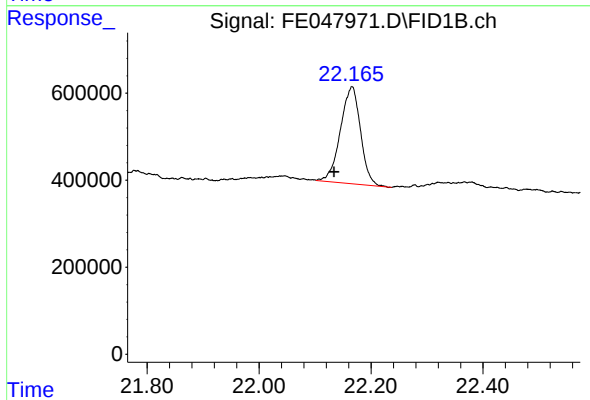
#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.022 min
Response: 5718725
Conc: 41.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: 0.032 min
Response: 5554439
Conc: 39.87 ug/ml