

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050324AL\
 Data File : FE047972.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 17:50
 Operator : YP\AJ
 Sample : P2357-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-05022024MSD

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 23:47:53 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	4569536	31.675 ug/ml
Spiked Amount 50.000		Recovery =	63.35%
12) S 1-chlorooctadecane (S...	13.409	30443170	272.444 ug/ml
Spiked Amount 50.000		Recovery =	544.89%
Target Compounds			
1) T n-Nonane (C9)	3.352	3301934	25.620 ug/ml
2) T n-Decane (C10)	4.606	3857340	29.299 ug/ml
3) T A~Naphthalene (C11.7)	6.314	4370656	31.653 ug/ml
4) T n-Dodecane (C12)	6.772	4662800	34.977 ug/ml
5) T A~2-methylnaphthalene...	7.411	4704928	35.355 ug/ml
6) T n-Tetradecane (C14)	8.602	5803983	43.796 ug/ml
7) T n-Hexadecane (C16)	10.210	6637058	48.258 ug/ml
8) T n-Octadecane (C18)	11.654	6647308	47.720 ug/ml
10) T n-Eicosane (C20)	12.965	6395817	47.502 ug/mlm
11) T n-Heneicosane (C21)	13.576	6914705	52.236 ug/mlm
13) T n-Docosane (C22)	14.163	5876347	44.343 ug/ml
14) T n-Tetracosane (C24)	15.260	10073400	75.653 ug/ml
15) T n-Hexacosane (C26)	16.287	5742528	43.033 ug/ml
16) T n-Octacosane (C28)	17.237	6122381	45.982 ug/ml
17) T n-Tricontane (C30)	18.124	5945112	43.076 ug/ml
18) T n-Dotriacontane (C32)	18.958	5629530	40.757 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5722969	42.012 ug/ml
20) T n-Hexatriacontane (C36)	20.484	6049487	44.679 ug/ml
21) T n-Octatriacontane (C38)	21.231	5637619	40.832 ug/ml
22) T n-Tetracontane (C40)	22.165	5380098	38.616 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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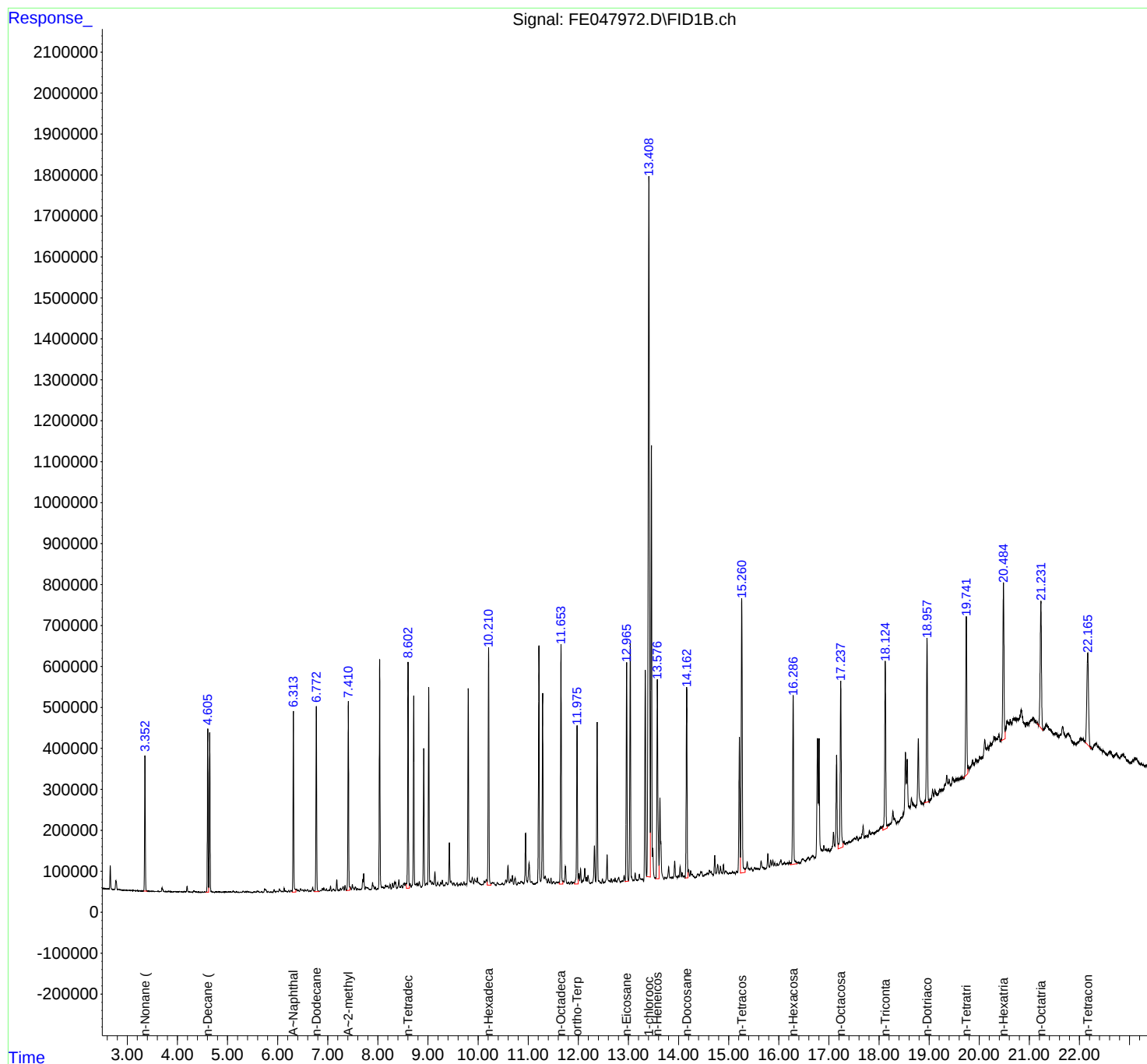
Instrument :
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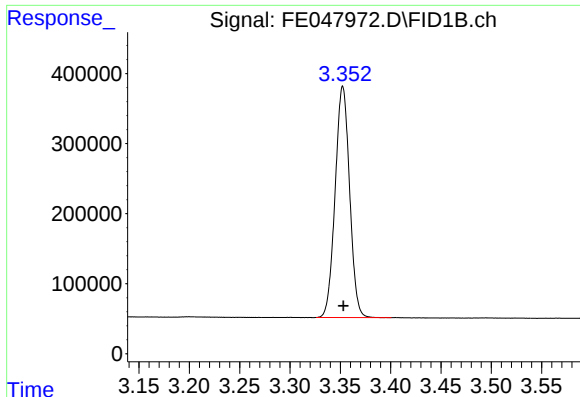
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#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 3301934
Conc: 25.62 ug/ml

Instrument :

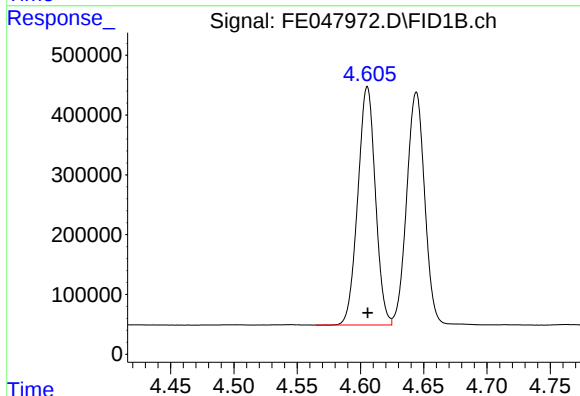
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ClientSampleId :

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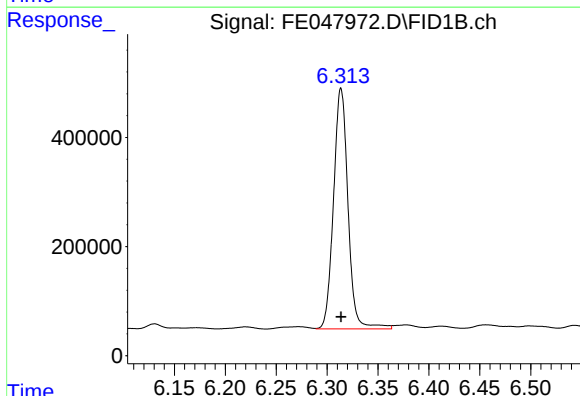
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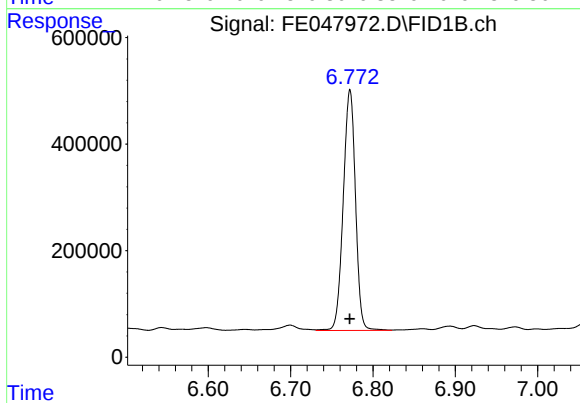
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3857340
Conc: 29.30 ug/ml



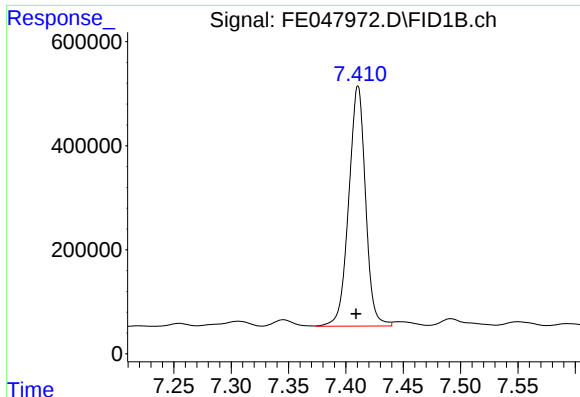
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 4370656
Conc: 31.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 4662800
Conc: 34.98 ug/ml



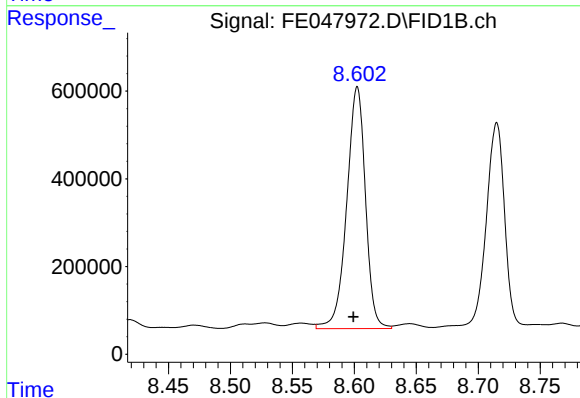
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 4704928
Conc: 35.36 ug/ml

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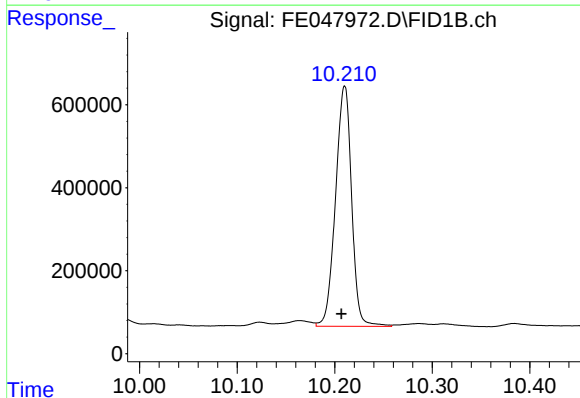
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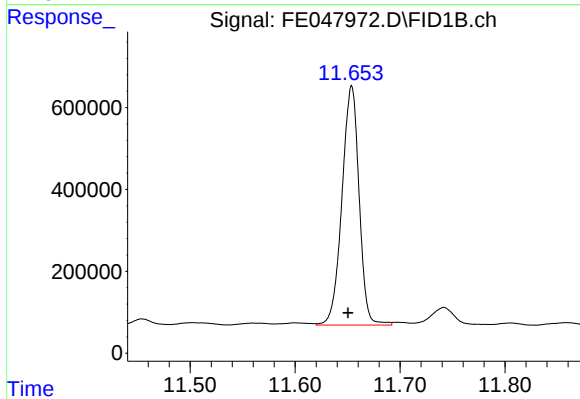
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.003 min
Response: 5803983
Conc: 43.80 ug/ml



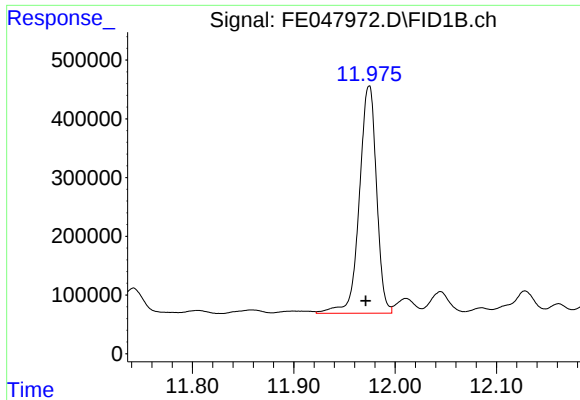
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6637058
Conc: 48.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 6647308
Conc: 47.72 ug/ml



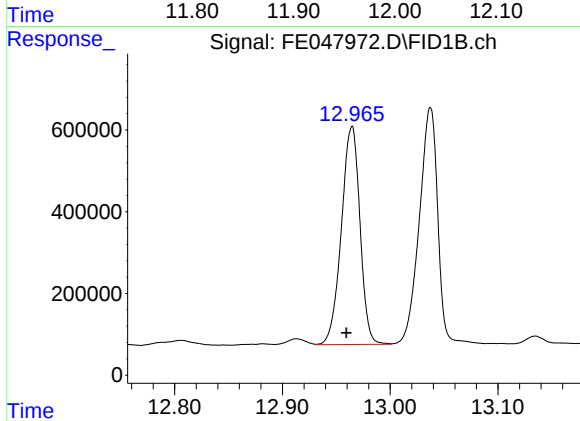
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 4569536
Conc: 31.67 ug/ml

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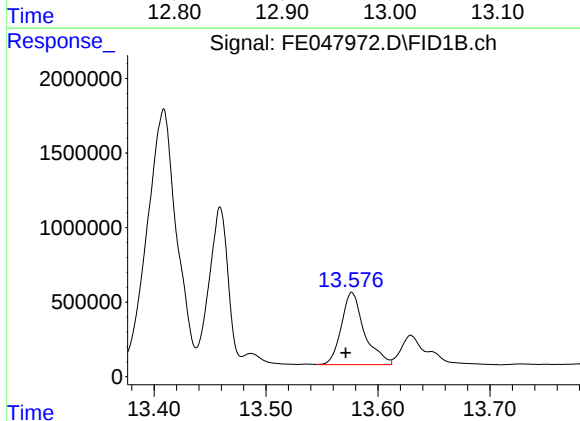
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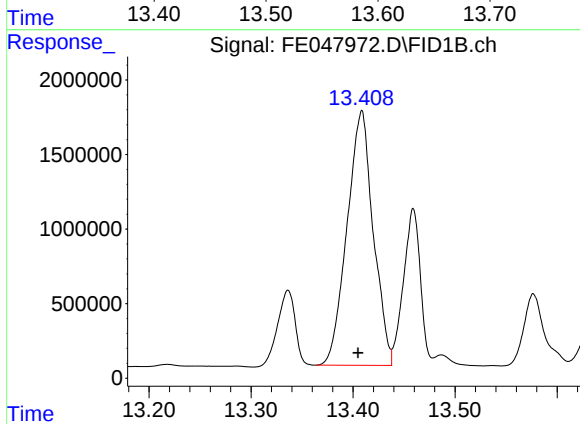
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 6395817
Conc: 47.50 ug/ml m



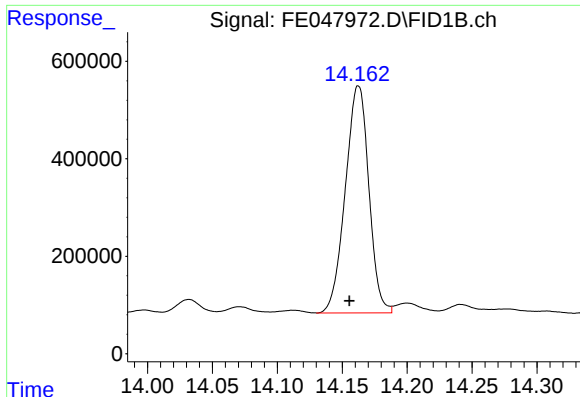
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 6914705
Conc: 52.24 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 30443170
Conc: 272.44 ug/ml



#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.007 min
Response: 5876347
Conc: 44.34 ug/ml

Instrument :

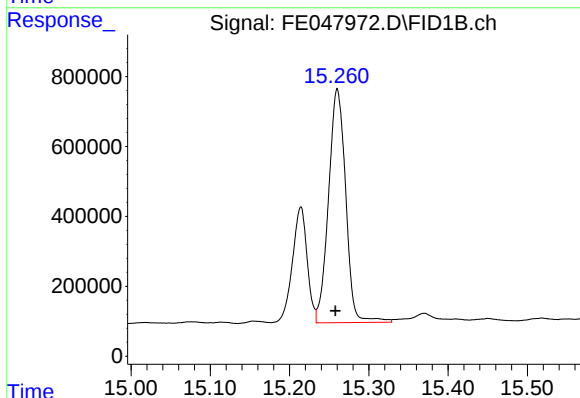
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ClientSampleId :

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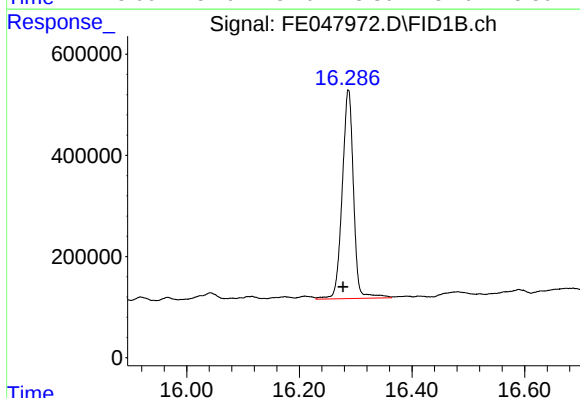
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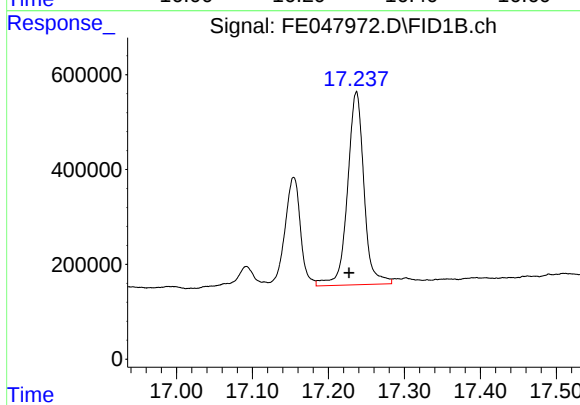
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.002 min
Response: 10073400
Conc: 75.65 ug/ml



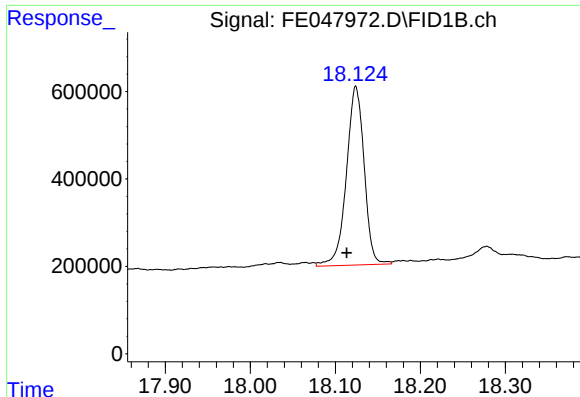
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.009 min
Response: 5742528
Conc: 43.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.010 min
Response: 6122381
Conc: 45.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 5945112
Conc: 43.08 ug/ml

Instrument :

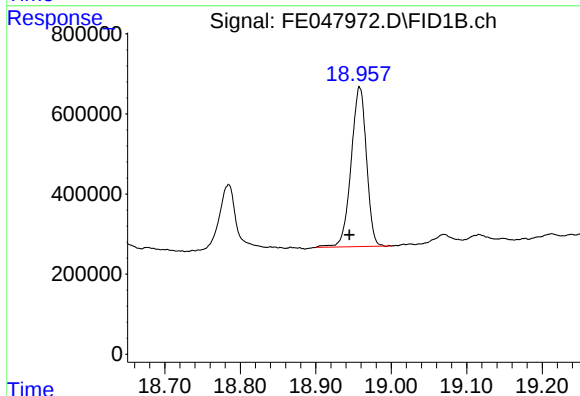
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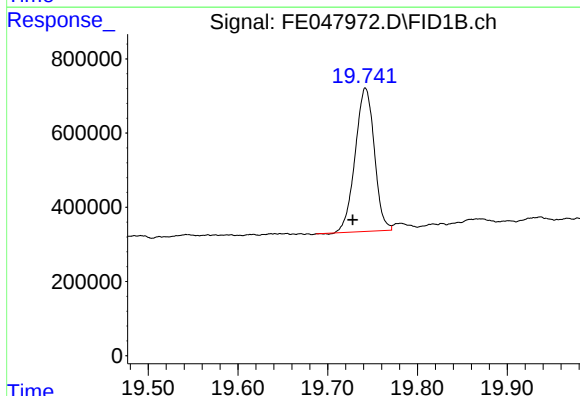
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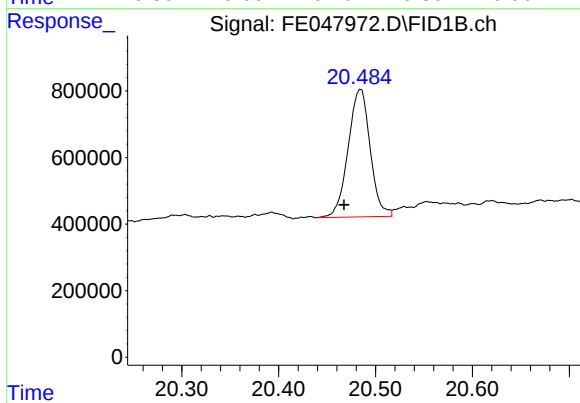
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.013 min
Response: 5629530
Conc: 40.76 ug/ml



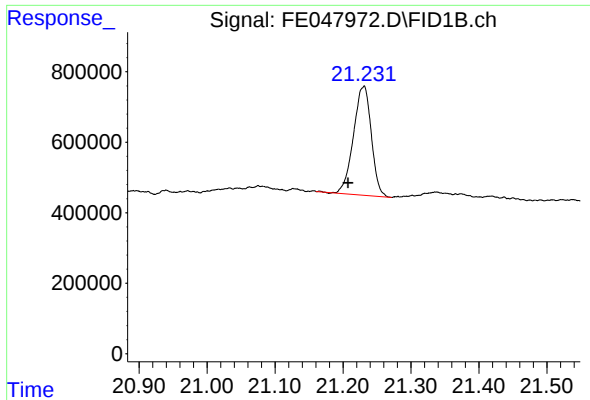
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.014 min
Response: 5722969
Conc: 42.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: 0.017 min
Response: 6049487
Conc: 44.68 ug/ml



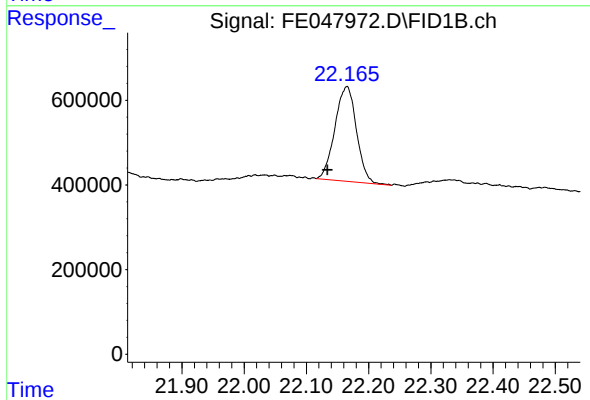
#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: 0.023 min
Response: 5637619
Conc: 40.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.031 min
Response: 5380098
Conc: 38.62 ug/ml