

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046302.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 11:15
 Operator : YP\AJ
 Sample : PB158489BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158489BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 22:08:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.832	8755524	48.180 ug/ml
Spiked Amount 50.000		Recovery =	96.36%
12) S 1-chlorooctadecane (S...	13.273	7001631	52.403 ug/ml
Spiked Amount 50.000		Recovery =	104.81%
Target Compounds			
1) T n-Nonane (C9)	3.230	7125573	46.559 ug/ml
2) T n-Decane (C10)	4.473	7483887	48.222 ug/ml
3) T A~Naphthalene (C11.7)	6.172	8784960	52.824 ug/ml
4) T n-Dodecane (C12)	6.635	7981616	51.120 ug/ml
5) T A~2-methylnaphthalene...	7.267	8503412	53.410 ug/ml
6) T n-Tetradecane (C14)	8.462	8108836	52.056 ug/ml
7) T n-Hexadecane (C16)	10.071	8109653	51.211 ug/ml
8) T n-Octadecane (C18)	11.517	8183880	51.997 ug/ml
10) T n-Eicosane (C20)	12.828	8130500	53.745 ug/ml
11) T n-Heneicosane (C21)	13.442	7756902	52.750 ug/ml
13) T n-Docosane (C22)	14.029	7669193	52.467 ug/ml
14) T n-Tetracosane (C24)	15.133	16949644	116.867 ug/ml
15) T n-Hexacosane (C26)	16.158	7192644	50.169 ug/ml
16) T n-Octacosane (C28)	17.110	9121441	63.600 ug/mlm
17) T n-Tricontane (C30)	18.002	7079564	47.630 ug/ml
18) T n-Dotriacontane (C32)	18.836	8008478	53.546 ug/mlm
19) T n-Tetratriacontane (C34)	19.624	7142311	49.857 ug/ml
20) T n-Hexatriacontane (C36)	20.366	7298425	50.058 ug/ml
21) T n-Octatriacontane (C38)	21.099	8070140	54.728 ug/ml
22) T n-Tetracontane (C40)	21.997	8812156	56.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB158489BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

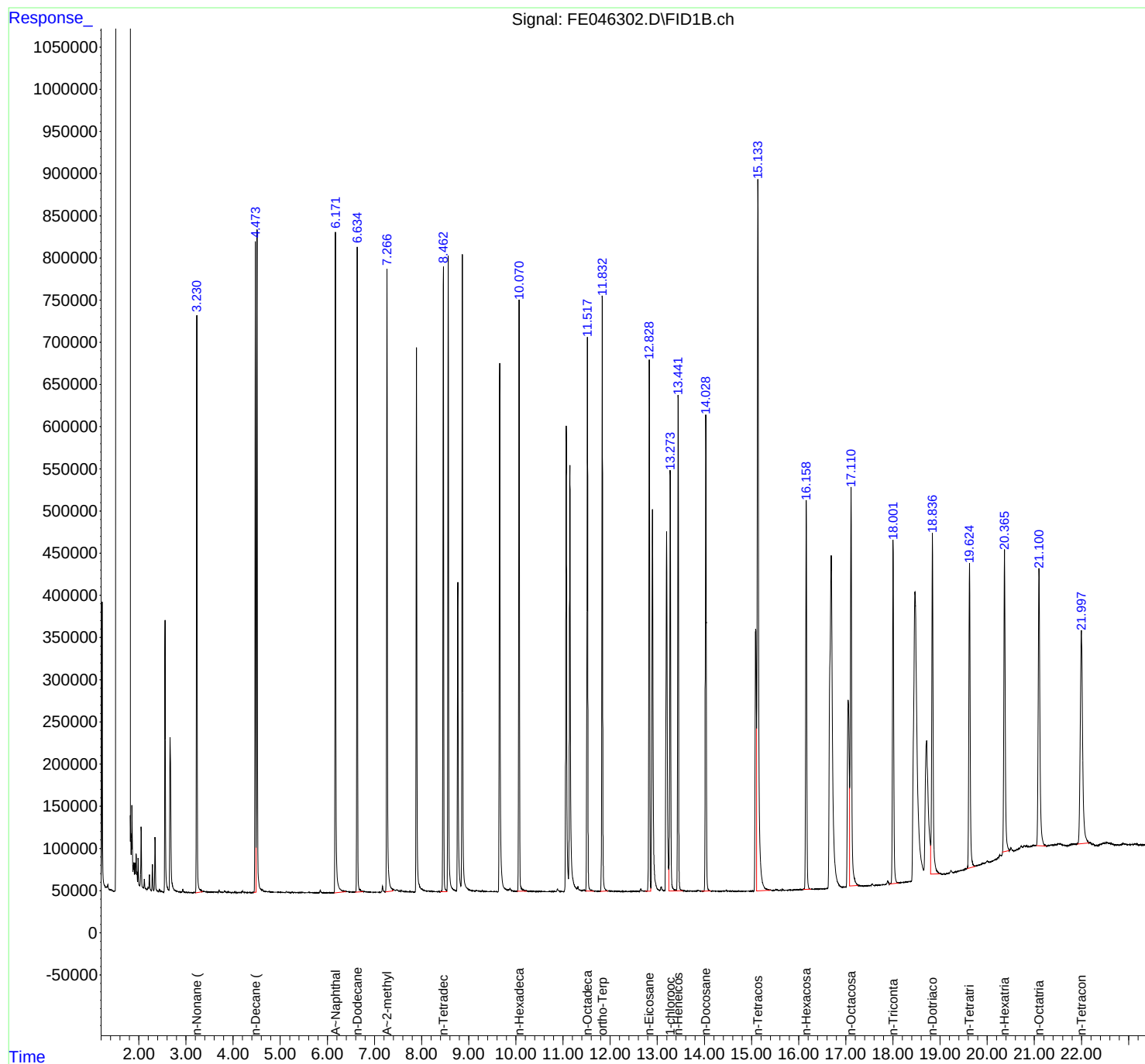
Instrument :
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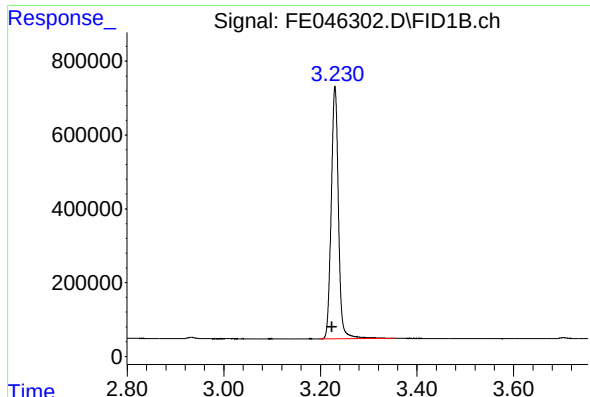
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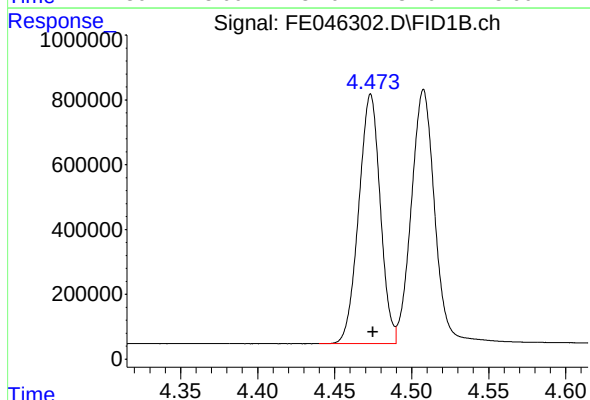
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 7125573
Conc: 46.56 ug/ml

Instrument :
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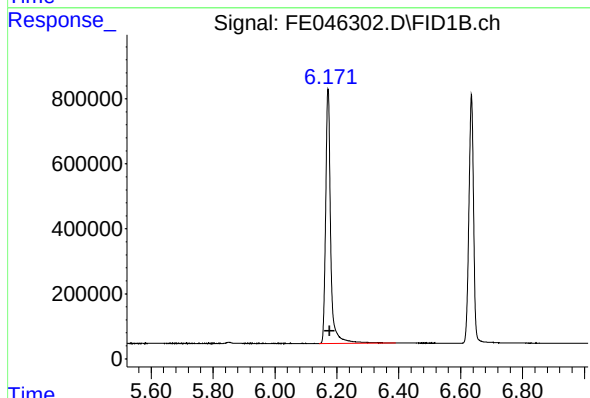
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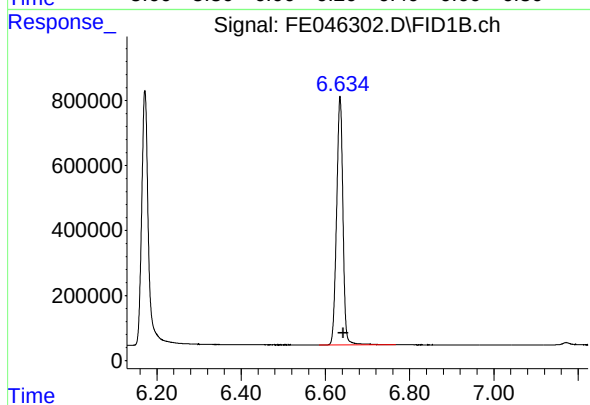
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 7483887
Conc: 48.22 ug/ml



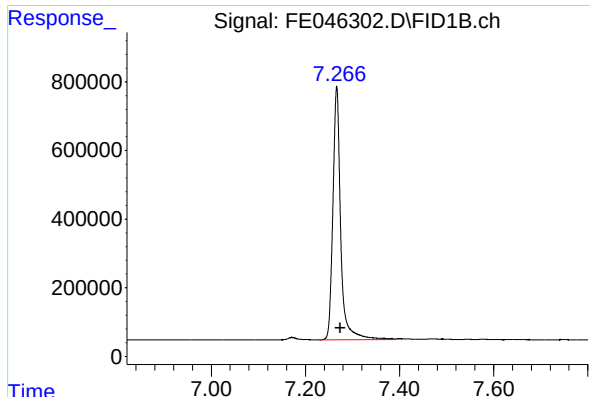
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.006 min
Response: 8784960
Conc: 52.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 7981616
Conc: 51.12 ug/ml



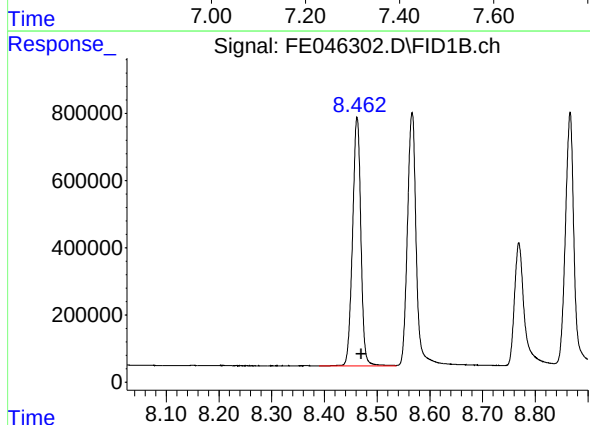
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 8503412
Conc: 53.41 ug/ml

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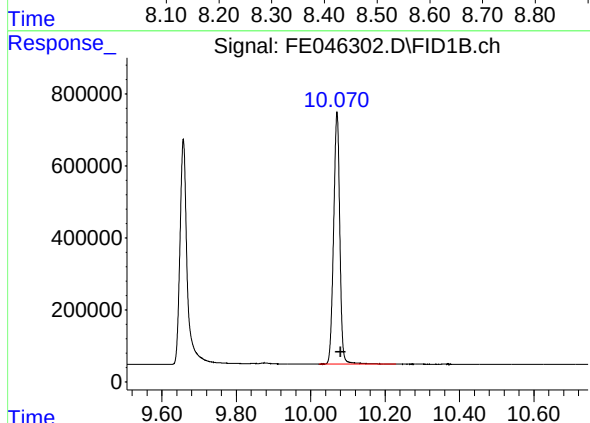
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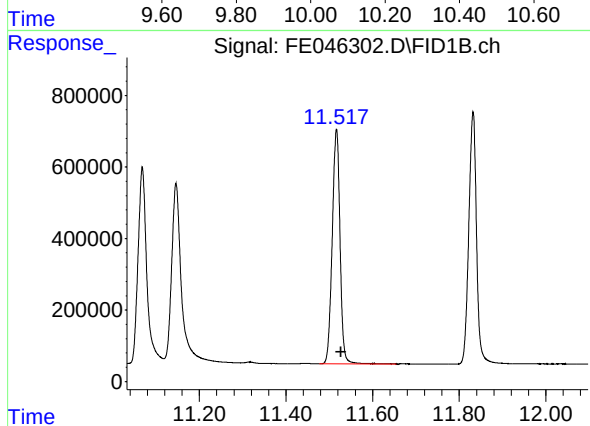
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 8108836
Conc: 52.06 ug/ml



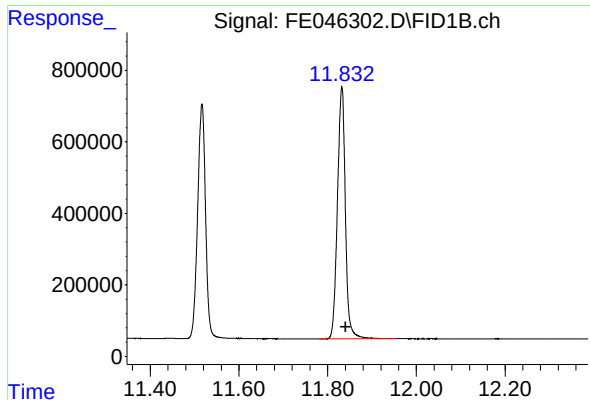
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.010 min
Response: 8109653
Conc: 51.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.010 min
Response: 8183880
Conc: 52.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.008 min
Response: 8755524
Conc: 48.18 ug/ml

Instrument :

FID_E

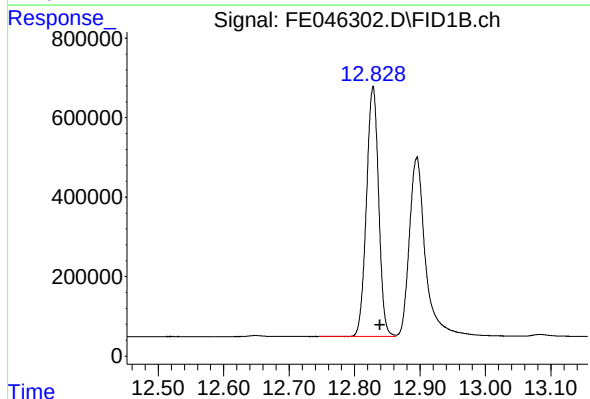
ClientSampleId :

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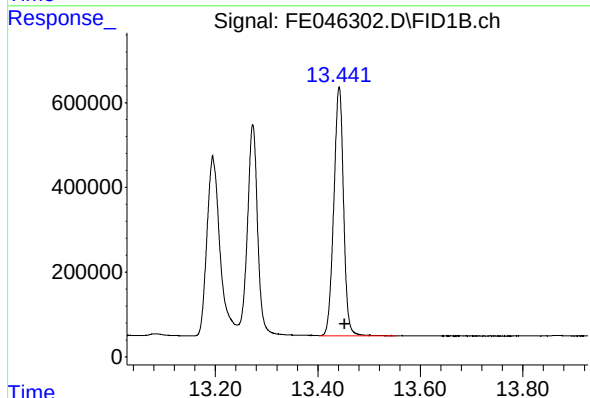
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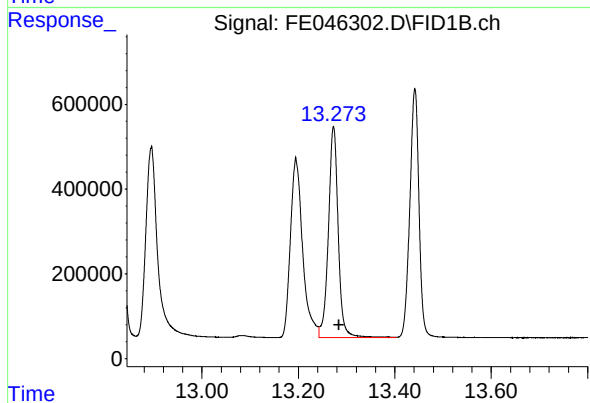
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.010 min
Response: 8130500
Conc: 53.75 ug/ml



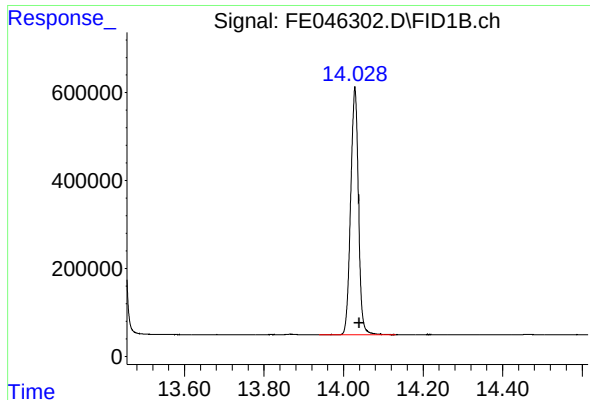
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.011 min
Response: 7756902
Conc: 52.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.011 min
Response: 7001631
Conc: 52.40 ug/ml



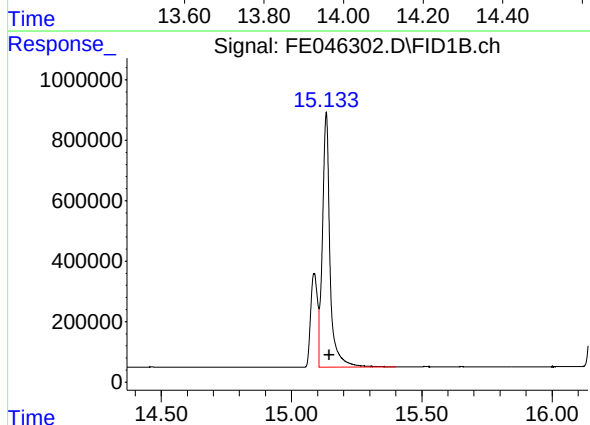
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.011 min
Response: 7669193
Conc: 52.47 ug/ml

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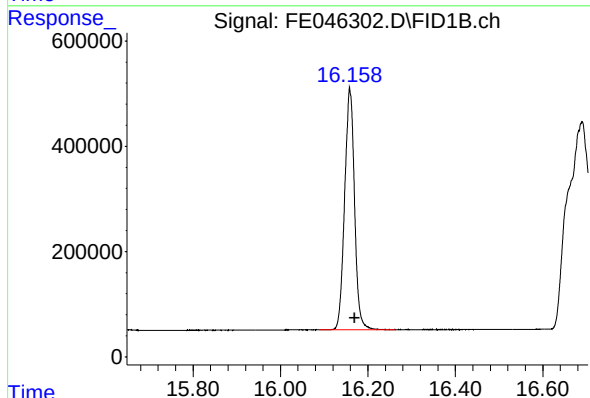
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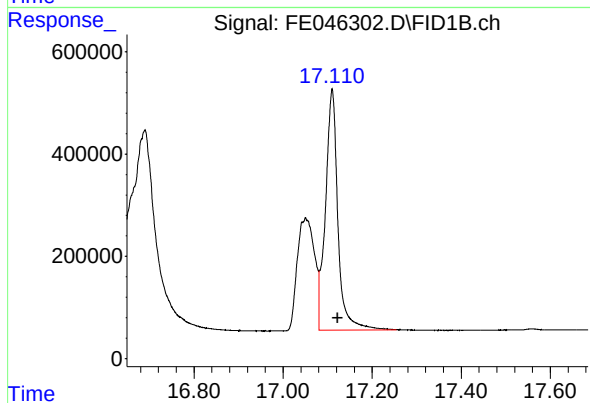
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.012 min
Response: 16949644
Conc: 116.87 ug/ml



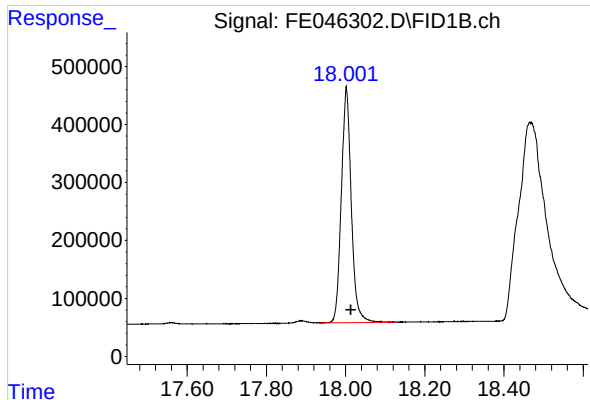
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.011 min
Response: 7192644
Conc: 50.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.013 min
Response: 9121441
Conc: 63.60 ug/ml m



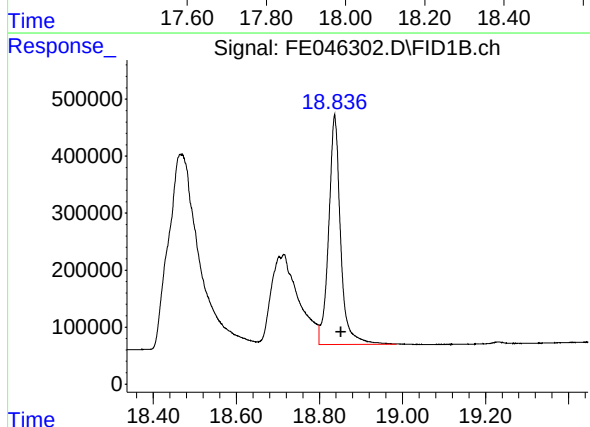
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.012 min
Response: 7079564
Conc: 47.63 ug/ml

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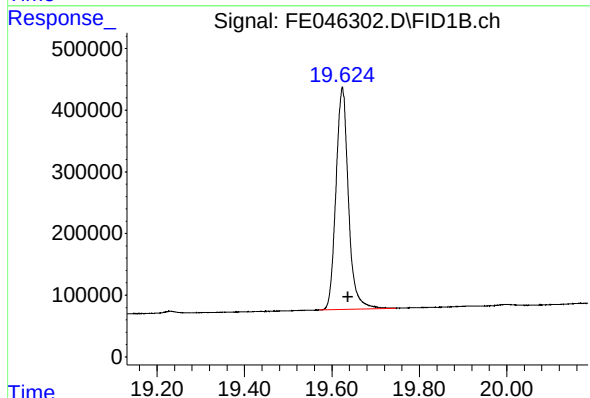
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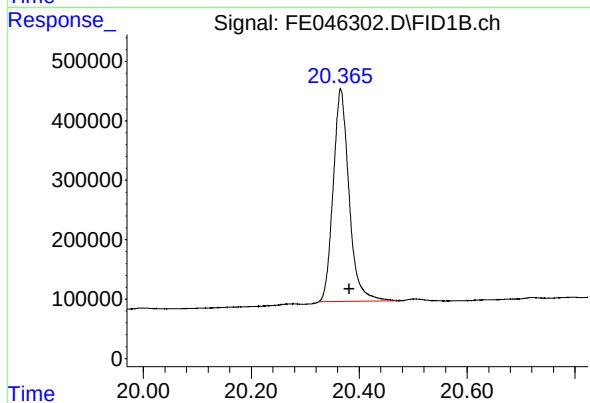
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.015 min
Response: 8008478
Conc: 53.55 ug/ml



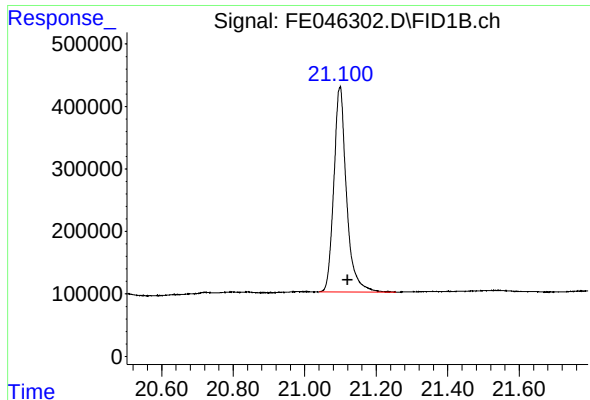
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.013 min
Response: 7142311
Conc: 49.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 7298425
Conc: 50.06 ug/ml



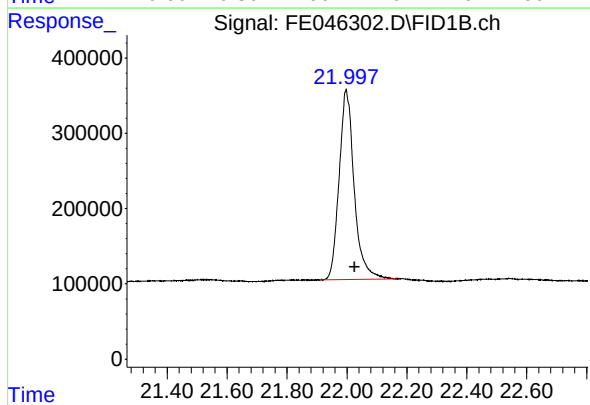
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.021 min
Response: 8070140
Conc: 54.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.028 min
Response: 8812156
Conc: 56.30 ug/ml