

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043870.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2023 01:25
 Operator : YP\AJ
 Sample : PB154744BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154744BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 11 03:38:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.950	9565706	46.419 ug/ml
Spiked Amount 50.000		Recovery =	92.84%
12) S 1-chlorooctadecane (S...	13.388	7363086	47.185 ug/ml
Spiked Amount 50.000		Recovery =	94.37%
Target Compounds			
1) T n-Nonane (C9)	3.343	7022731	43.488 ug/ml
2) T n-Decane (C10)	4.590	7539933	45.748 ug/ml
3) T A~Naphthalene (C11.7)	6.287	8595444	47.209 ug/ml
4) T n-Dodecane (C12)	6.749	8083458	48.299 ug/ml
5) T A~2-methylnaphthalene...	7.382	8633744	48.497 ug/ml
6) T n-Tetradecane (C14)	8.579	8434791	50.063 ug/ml
7) T n-Hexadecane (C16)	10.186	8725711	49.465 ug/ml
8) T n-Octadecane (C18)	11.632	8771254	48.420 ug/ml
10) T n-Eicosane (C20)	12.943	8767983	49.546 ug/ml
11) T n-Heneicosane (C21)	13.555	8389250	47.380 ug/ml
13) T n-Docosane (C22)	14.143	8248647	47.027 ug/ml
14) T n-Tetracosane (C24)	15.233	15561481	88.568 ug/ml
15) T n-Hexacosane (C26)	16.272	7632320	44.160 ug/ml
16) T n-Octacosane (C28)	17.221	7480991	44.711 ug/ml
17) T n-Tricontane (C30)	18.112	7233447	43.673 ug/ml
18) T n-Dotriacontane (C32)	18.945	6899368	43.697 ug/ml
19) T n-Tetratriacontane (C34)	19.730	6459598	43.470 ug/mlm
20) T n-Hexatriacontane (C36)	20.473	5943751	42.523 ug/mlm
21) T n-Octatriacontane (C38)	21.218	5925608	44.418 ug/mlm
22) T n-Tetracontane (C40)	22.148	6427822	49.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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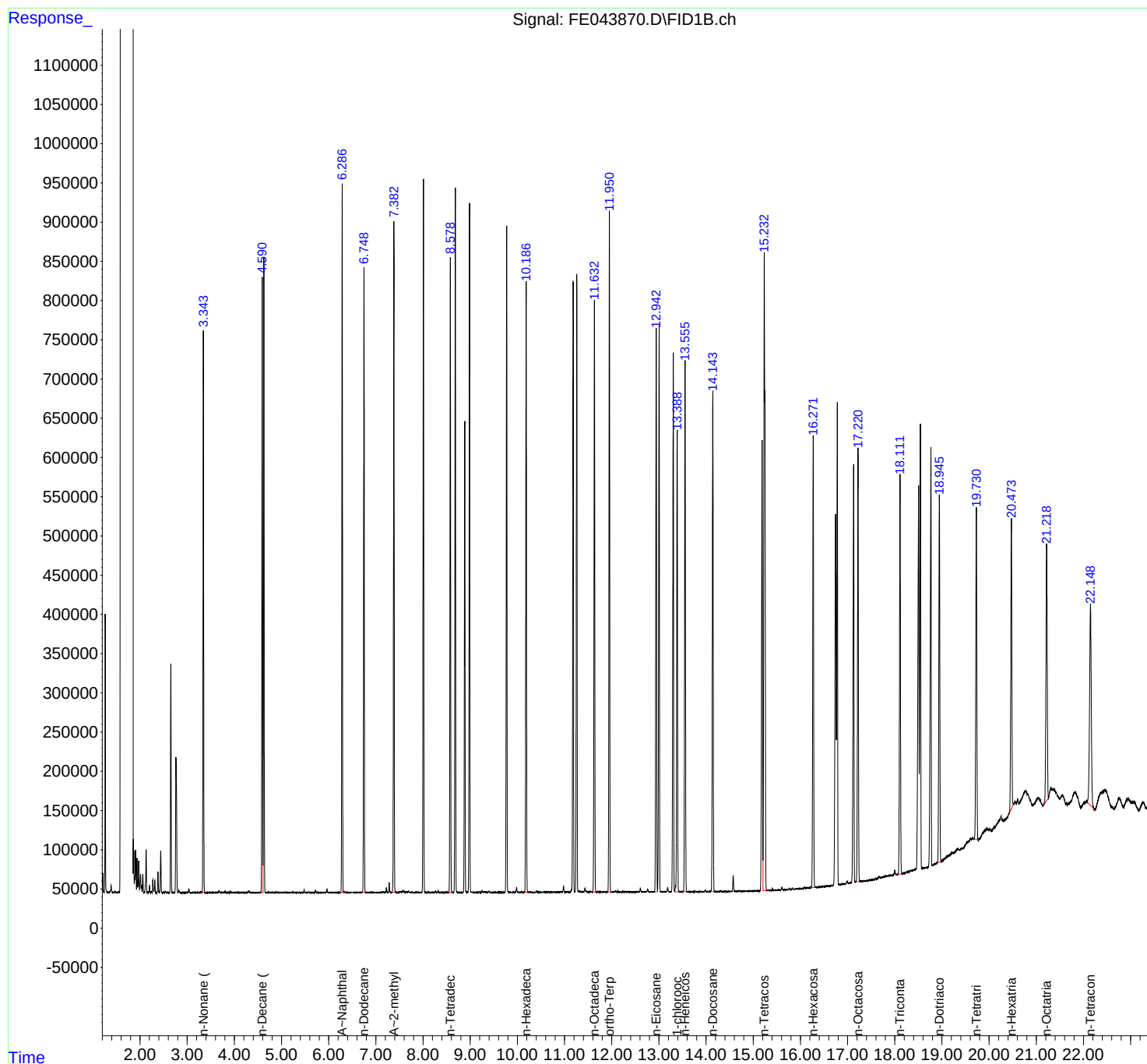
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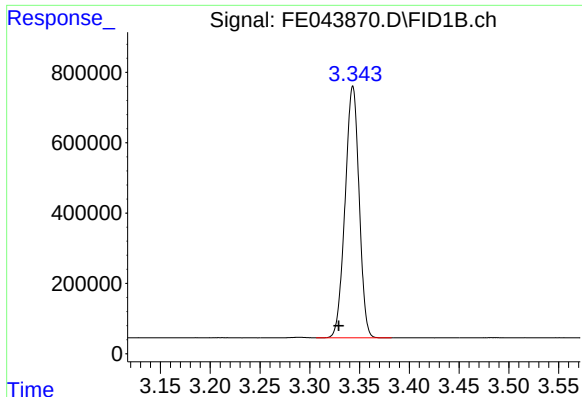
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#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.014 min
Response: 7022731
Conc: 43.49 ug/ml

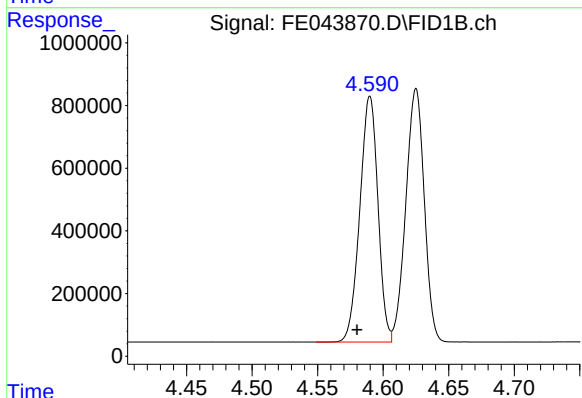
Instrument :

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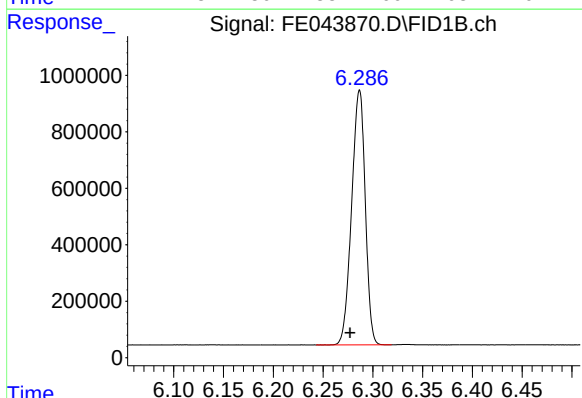
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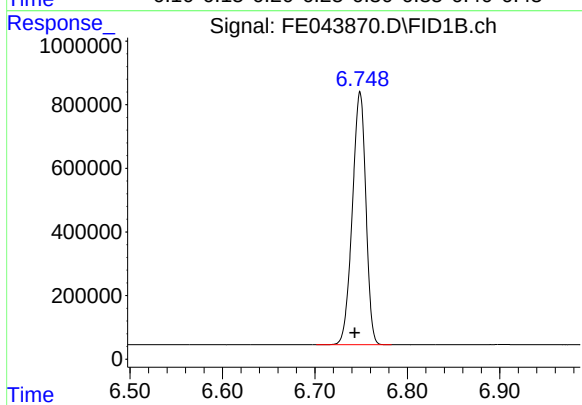
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.010 min
Response: 7539933
Conc: 45.75 ug/ml



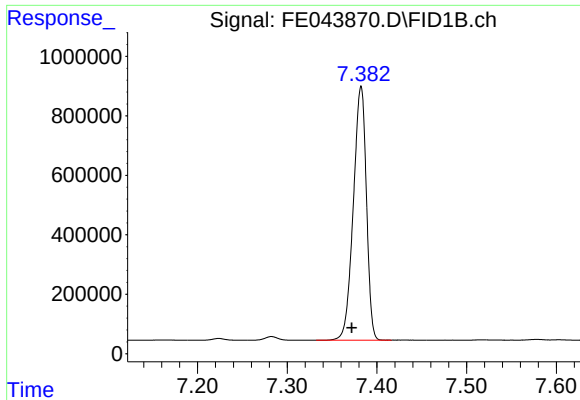
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.009 min
Response: 8595444
Conc: 47.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: 0.006 min
Response: 8083458
Conc: 48.30 ug/ml



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

R.T.: 7.382 min
Delta R.T.: 0.010 min
Response: 8633744
Conc: 48.50 ug/ml

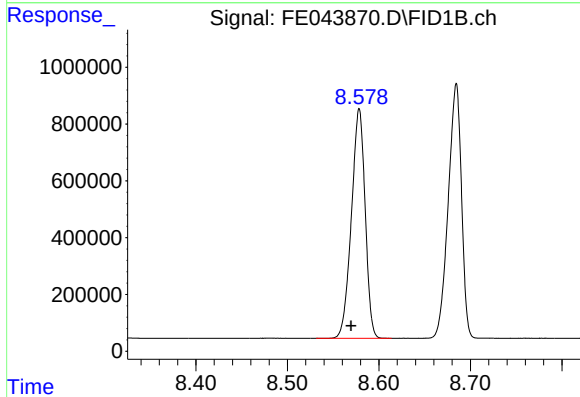
Instrument :

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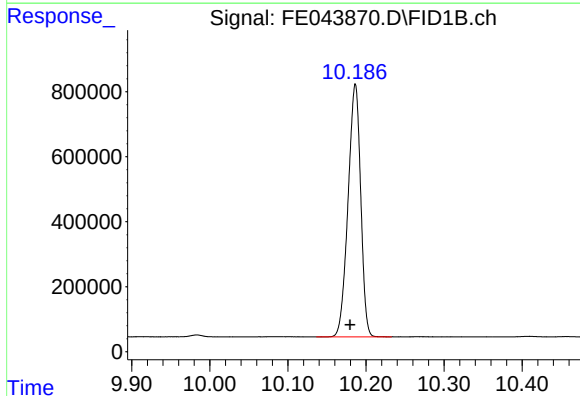
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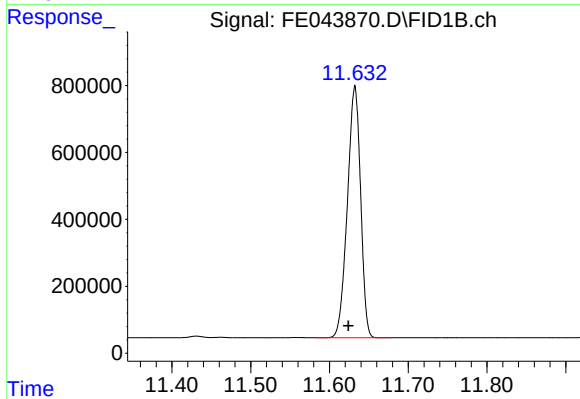
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: 0.009 min
Response: 8434791
Conc: 50.06 ug/ml



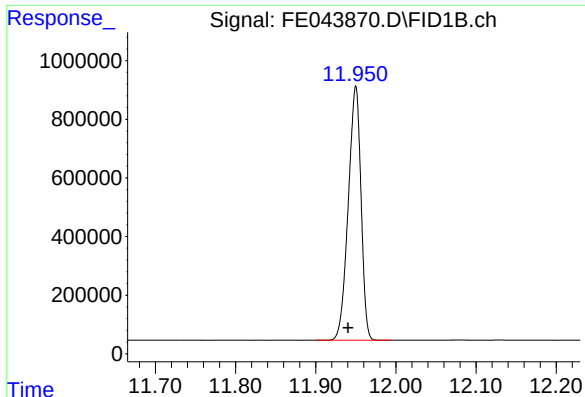
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.007 min
Response: 8725711
Conc: 49.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: 0.008 min
Response: 8771254
Conc: 48.42 ug/ml



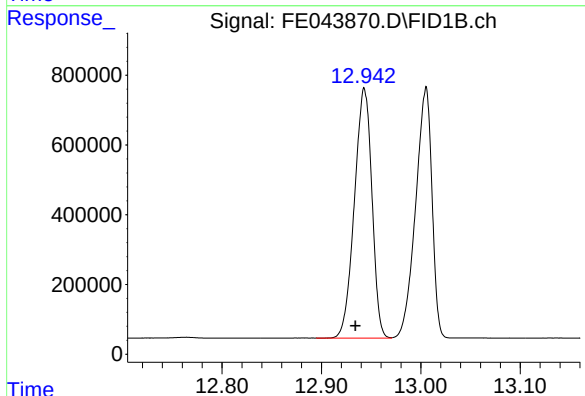
#9 ortho-Terphenyl (SURR)

R.T.: 11.950 min
Delta R.T.: 0.010 min
Response: 9565706
Conc: 46.42 ug/ml

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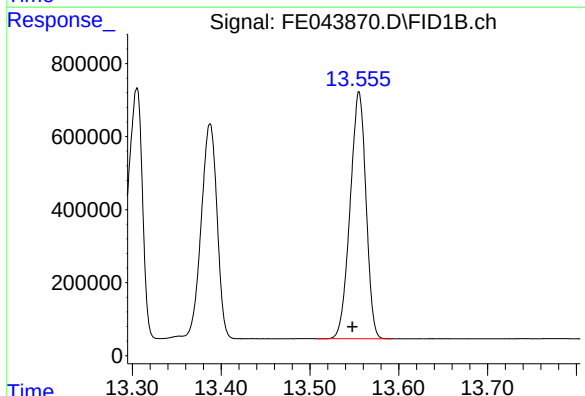
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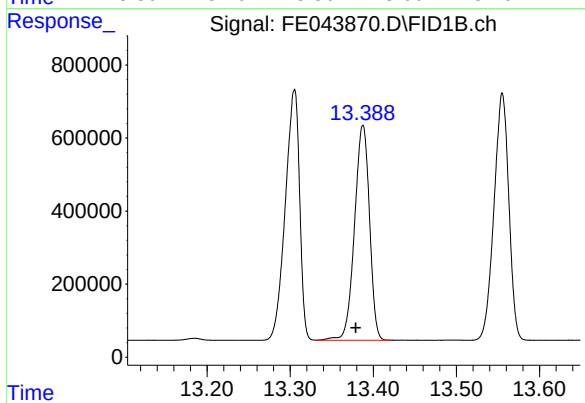
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.009 min
Response: 8767983
Conc: 49.55 ug/ml



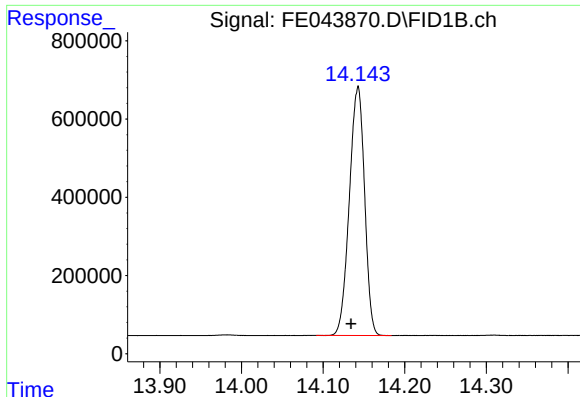
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.007 min
Response: 8389250
Conc: 47.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.008 min
Response: 7363086
Conc: 47.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.009 min
Response: 8248647
Conc: 47.03 ug/ml

Instrument :

FID_E

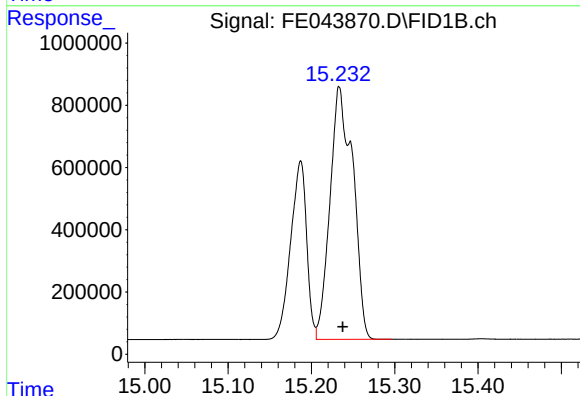
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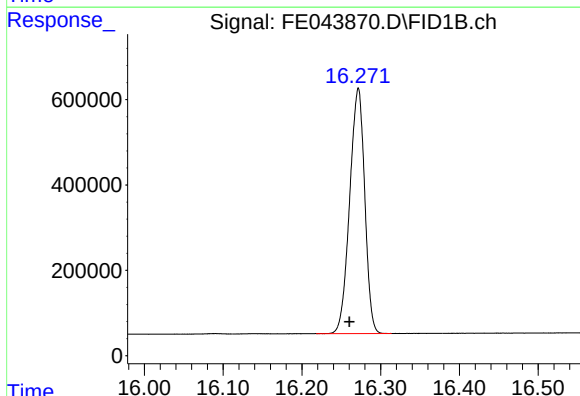
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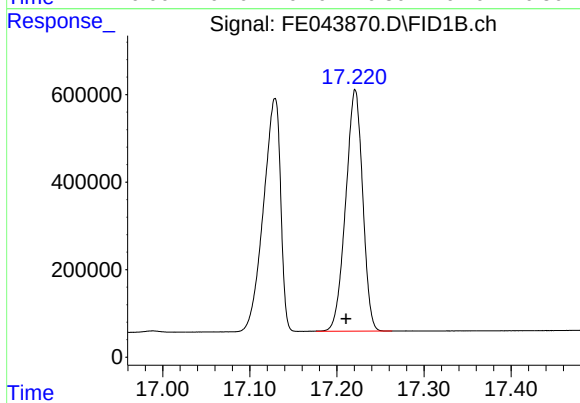
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.004 min
Response: 15561481
Conc: 88.57 ug/ml



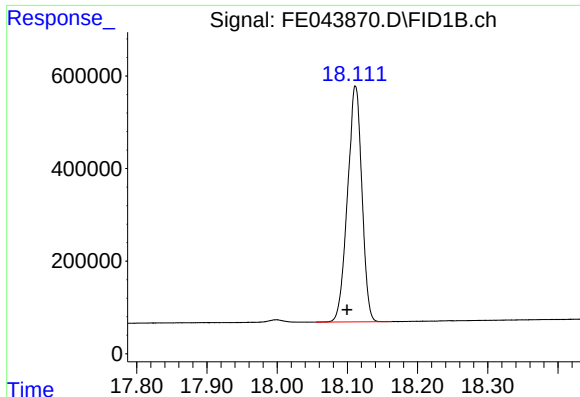
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.011 min
Response: 7632320
Conc: 44.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: 0.010 min
Response: 7480991
Conc: 44.71 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: 0.012 min
Response: 7233447
Conc: 43.67 ug/ml

Instrument :

FID_E

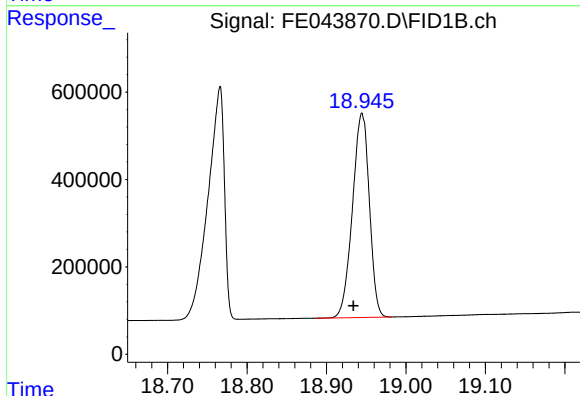
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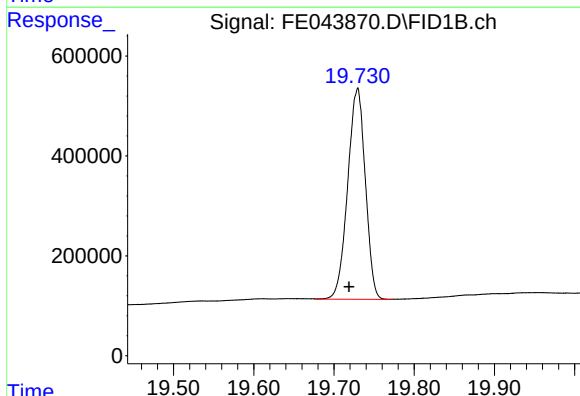
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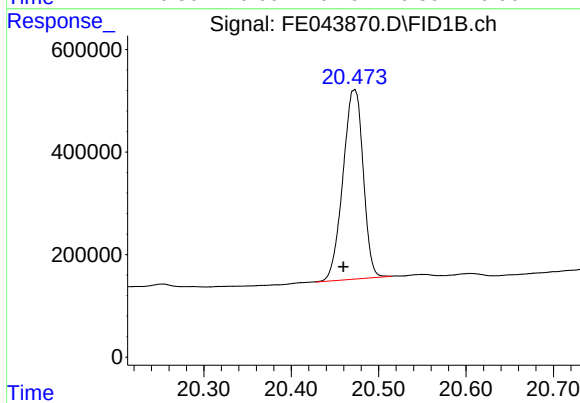
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.011 min
Response: 6899368
Conc: 43.70 ug/ml



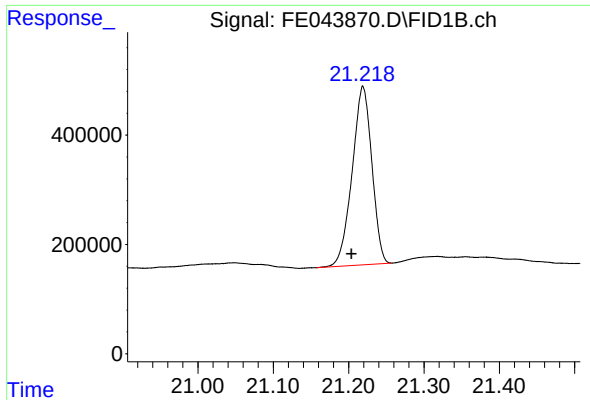
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.011 min
Response: 6459598
Conc: 43.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: 0.013 min
Response: 5943751
Conc: 42.52 ug/ml m



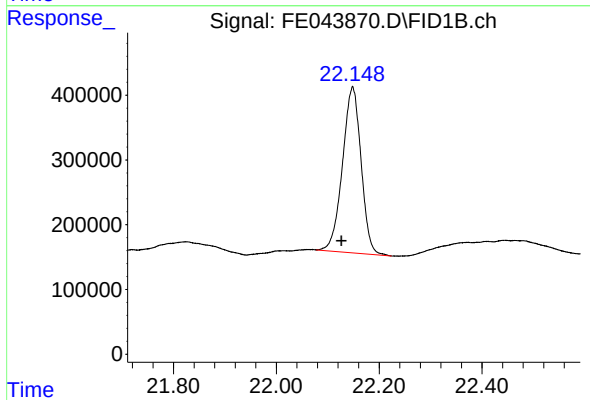
#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.015 min
Response: 5925608
Conc: 44.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.021 min
Response: 6427822
Conc: 49.82 ug/ml m