

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041436.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 18:39
 Operator : YP\AJ
 Sample : 02389-14MSD 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPB-4WC-23-04-17MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File: autoint1.e
 Quant Time: Apr 20 01:59:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.831	400357	2.130 ug/ml
Spiked Amount 50.000		Recovery =	4.26%
12) S 1-chlorooctadecane (S...	13.271	349840	2.431 ug/ml
Spiked Amount 50.000		Recovery =	4.86%
Target Compounds			
1) T n-Nonane (C9)	3.232	825180	4.756 ug/ml
2) T n-Decane (C10)	4.478	800627	4.704 ug/mlm
3) T A~Naphthalene (C11.7)	6.189	770262	4.211 ug/ml
4) T n-Dodecane (C12)	6.642	870621	5.019 ug/ml
5) T A~2-methylnaphthalene...	7.285	695971	4.202 ug/ml
6) T n-Tetradecane (C14)	8.468	899962	5.161 ug/ml
7) T n-Hexadecane (C16)	10.074	939029	5.280 ug/ml
8) T n-Octadecane (C18)	11.516	941078	5.271 ug/ml
10) T n-Eicosane (C20)	12.826	969024	5.681 ug/ml
11) T n-Heneicosane (C21)	13.438	877961	5.189 ug/ml
13) T n-Docosane (C22)	14.024	877574	5.303 ug/ml
14) T n-Tetracosane (C24)	15.128	1904068	11.769 ug/ml
15) T n-Hexacosane (C26)	16.152	878407	5.667 ug/ml
16) T n-Octacosane (C28)	17.103	987636	6.448 ug/ml
17) T n-Tricontane (C30)	17.992	904086	5.915 ug/ml
18) T n-Dotriacontane (C32)	18.827	852473	5.460 ug/mlm
19) T n-Tetratriacontane (C34)	19.613	876067	5.653 ug/ml
20) T n-Hexatriacontane (C36)	20.354	831305	5.473 ug/mlm
21) T n-Octatriacontane (C38)	21.079	892431	5.713 ug/ml
22) T n-Tetracontane (C40)	21.956	918130	5.753 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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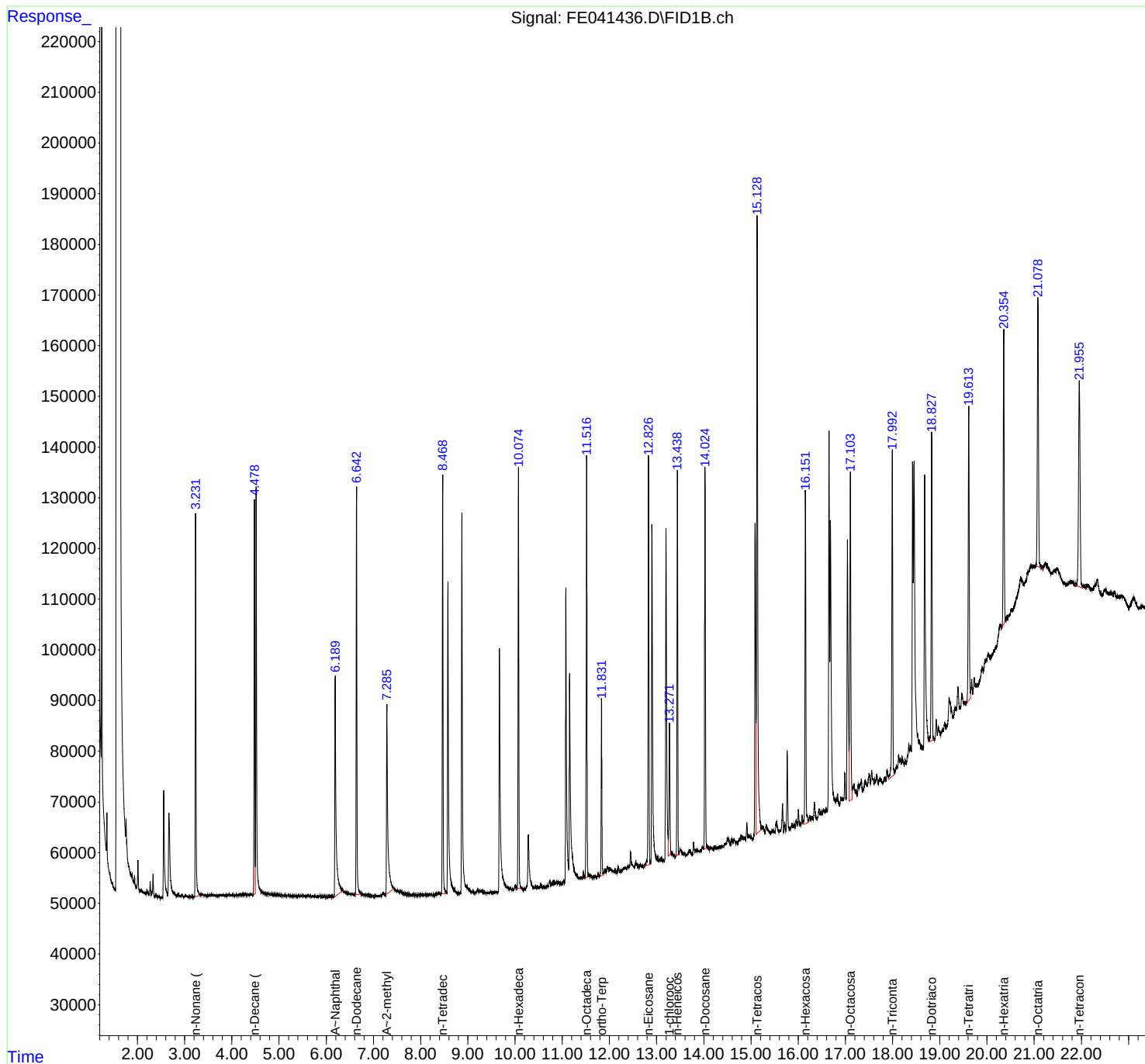
Instrument :
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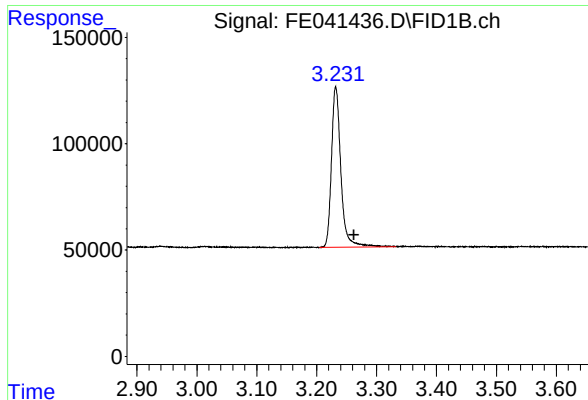
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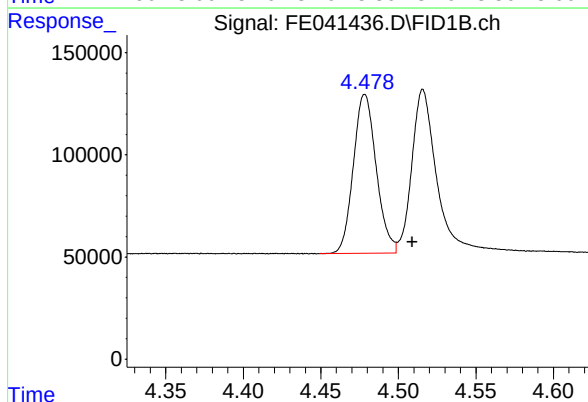
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.030 min
Response: 825180
Conc: 4.76 ug/ml

Instrument :
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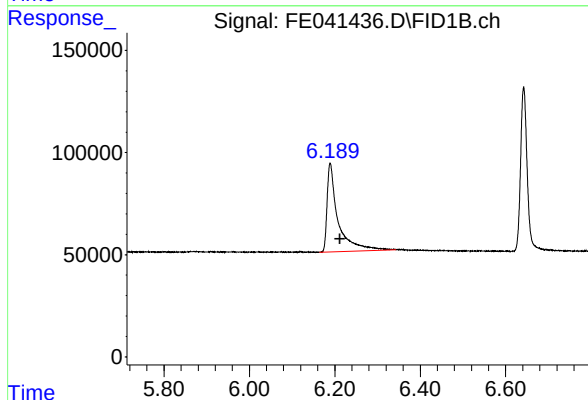
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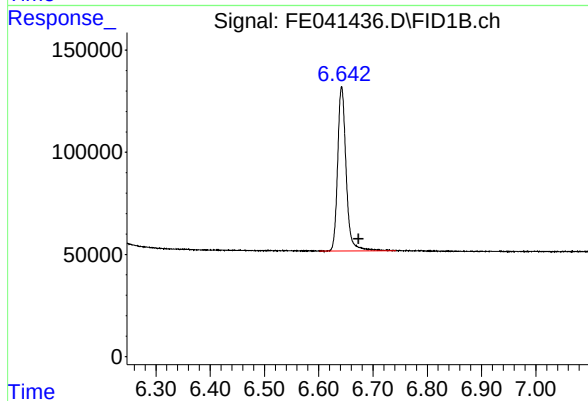
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.031 min
Response: 800627
Conc: 4.70 ug/ml



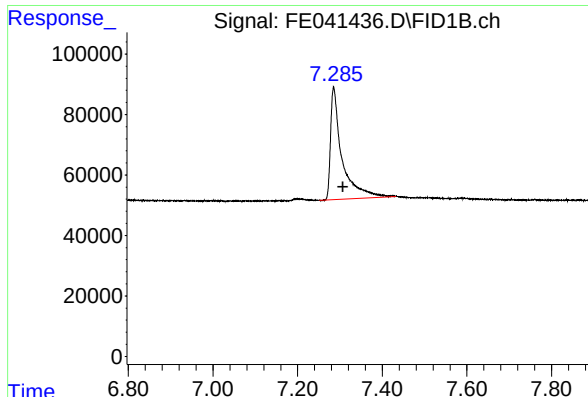
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.022 min
Response: 770262
Conc: 4.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: -0.031 min
Response: 870621
Conc: 5.02 ug/ml



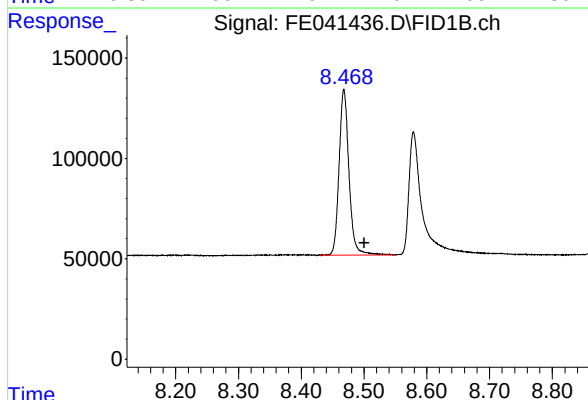
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.285 min
Delta R.T.: -0.022 min
Response: 695971
Conc: 4.20 ug/ml

Instrument : FID_E
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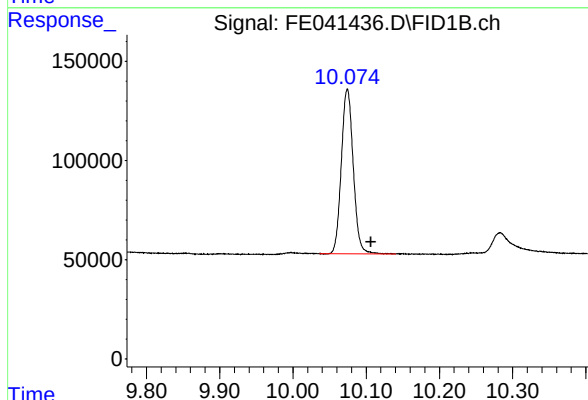
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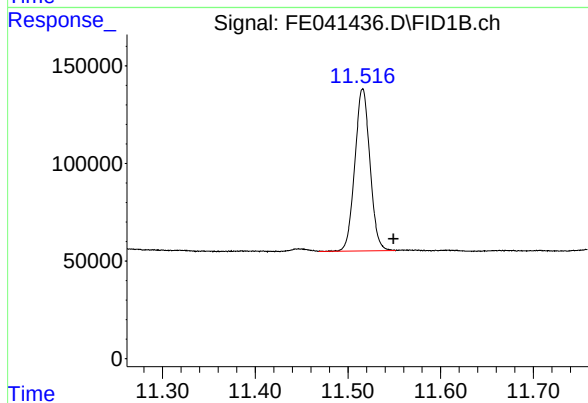
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.032 min
Response: 899962
Conc: 5.16 ug/ml



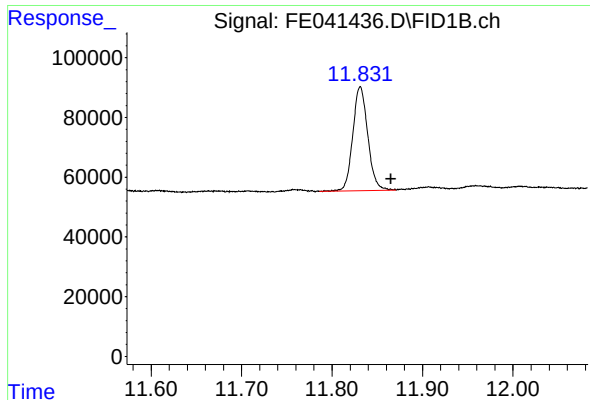
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.032 min
Response: 939029
Conc: 5.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.033 min
Response: 941078
Conc: 5.27 ug/ml



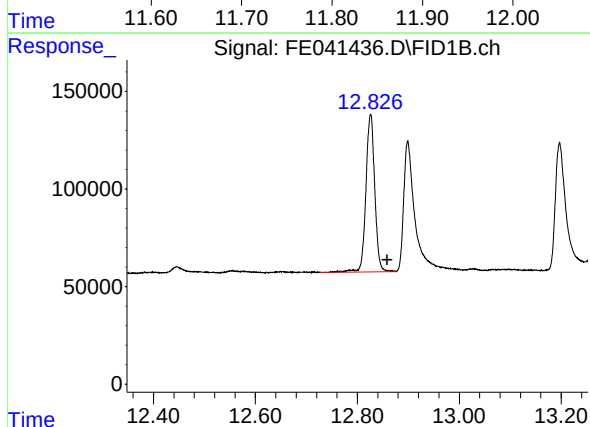
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.034 min
Response: 400357
Conc: 2.13 ug/ml

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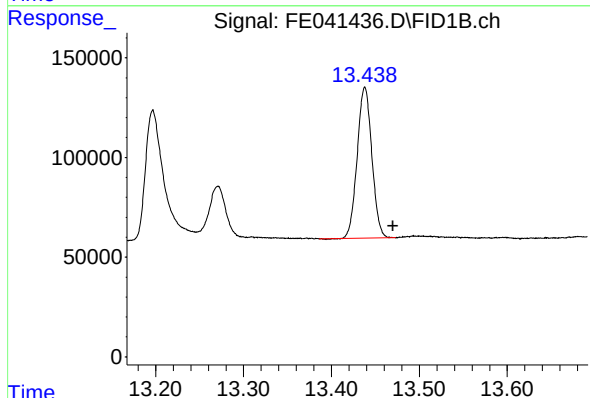
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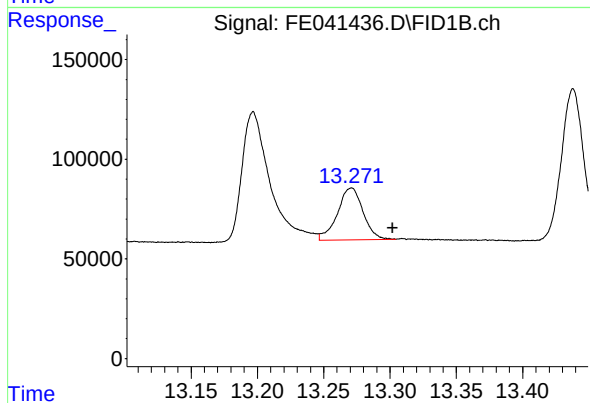
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.032 min
Response: 969024
Conc: 5.68 ug/ml



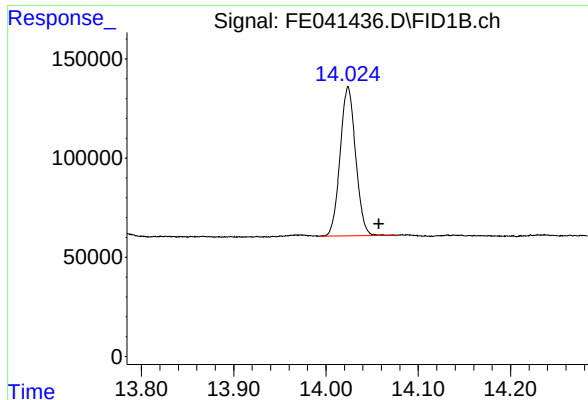
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.032 min
Response: 877961
Conc: 5.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.031 min
Response: 349840
Conc: 2.43 ug/ml



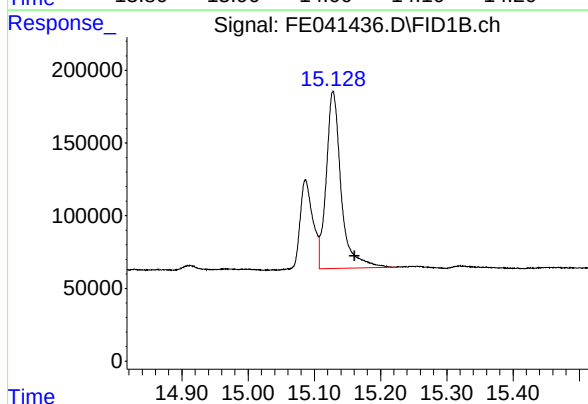
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.033 min
Response: 877574
Conc: 5.30 ug/ml

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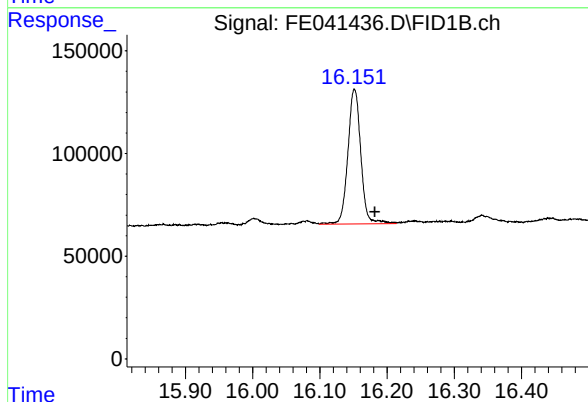
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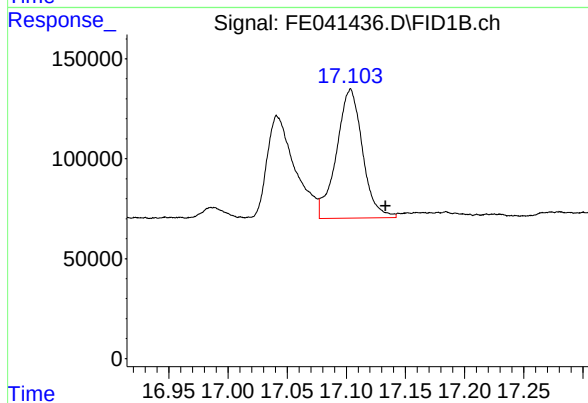
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.033 min
Response: 1904068
Conc: 11.77 ug/ml



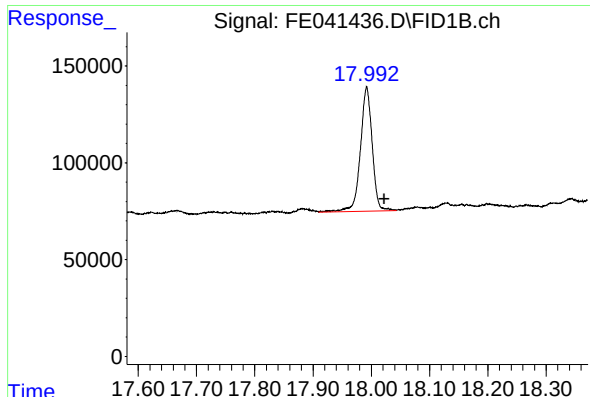
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.030 min
Response: 878407
Conc: 5.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.030 min
Response: 987636
Conc: 6.45 ug/ml



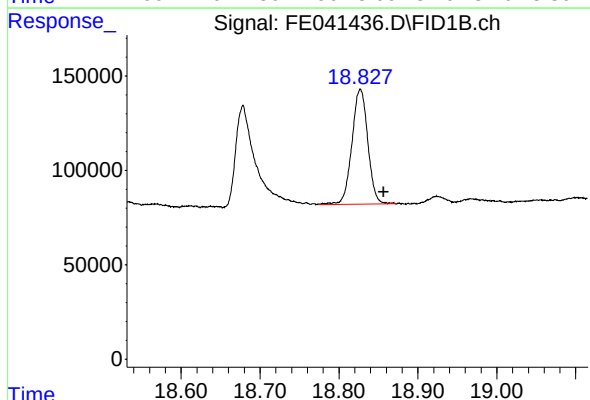
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.030 min
Response: 904086
Conc: 5.91 ug/ml

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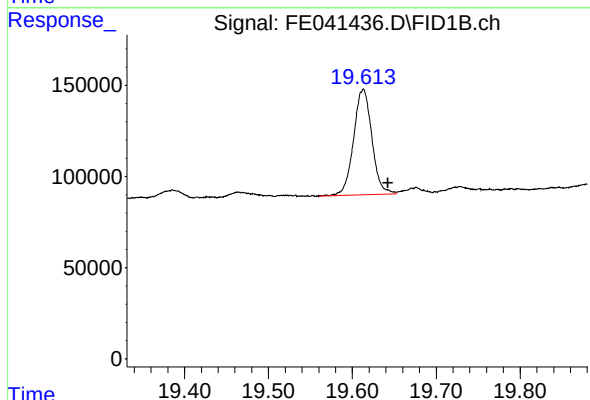
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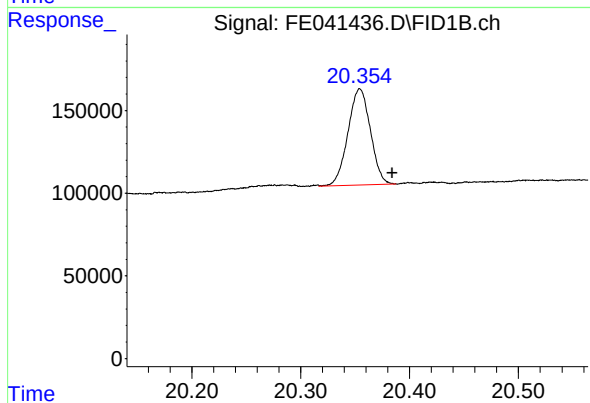
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.030 min
Response: 852473
Conc: 5.46 ug/ml m



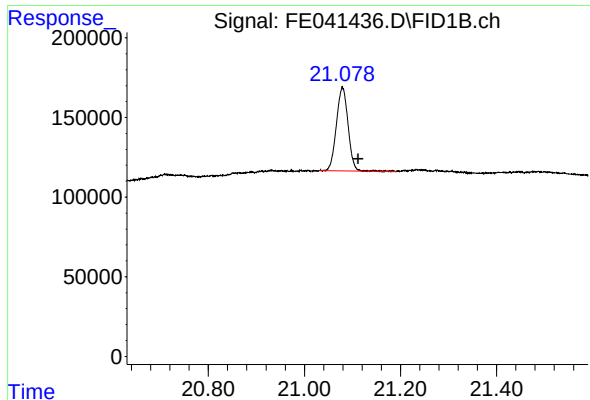
#19 n-Tetatriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.030 min
Response: 876067
Conc: 5.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.030 min
Response: 831305
Conc: 5.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.033 min
Response: 892431
Conc: 5.71 ug/ml

Instrument :

FID_E

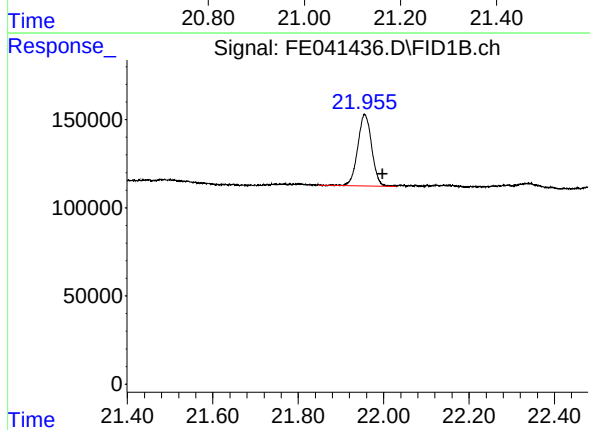
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#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.042 min
Response: 918130
Conc: 5.75 ug/ml