

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040646.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 00:52
 Operator : YP\AJ
 Sample : 01749-10MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CF-12MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File: autoint1.e
 Quant Time: Mar 03 04:04:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.884	5267479	28.197 ug/ml
Spiked Amount 50.000		Recovery =	56.39%
12) S 1-chlorooctadecane (S...	13.322	4220617	28.517 ug/ml
Spiked Amount 50.000		Recovery =	57.03%
Target Compounds			
1) T n-Nonane (C9)	3.283	4843228	31.475 ug/ml
2) T n-Decane (C10)	4.529	5372590	35.711 ug/ml
3) T A~Naphthalene (C11.7)	6.228	6186355	37.297 ug/ml
4) T n-Dodecane (C12)	6.691	5897726	38.525 ug/ml
5) T A~2-methylnaphthalene...	7.323	6202534	40.983 ug/ml
6) T n-Tetradecane (C14)	8.520	6268425	40.558 ug/ml
7) T n-Hexadecane (C16)	10.126	6822094	42.237 ug/ml
8) T n-Octadecane (C18)	11.569	7071849	41.649 ug/ml
10) T n-Eicosane (C20)	12.879	6821044	40.321 ug/ml
11) T n-Heneicosane (C21)	13.491	6678280	38.972 ug/ml
13) T n-Docosane (C22)	14.078	6619281	38.639 ug/ml
14) T n-Tetracosane (C24)	15.174	12735613	73.876 ug/ml
15) T n-Hexacosane (C26)	16.205	6164263	36.269 ug/ml
16) T n-Octacosane (C28)	17.155	6224771	37.117 ug/ml
17) T n-Tricontane (C30)	18.046	5837326	35.750 ug/ml
18) T n-Dotriacontane (C32)	18.878	5787024	33.813 ug/ml
19) T n-Tetratriacontane (C34)	19.664	5661849	36.621 ug/ml
20) T n-Hexatriacontane (C36)	20.404	5451180	37.522 ug/mlm
21) T n-Octatriacontane (C38)	21.138	5531020	40.238 ug/ml
22) T n-Tetracontane (C40)	22.036	5966611	38.614 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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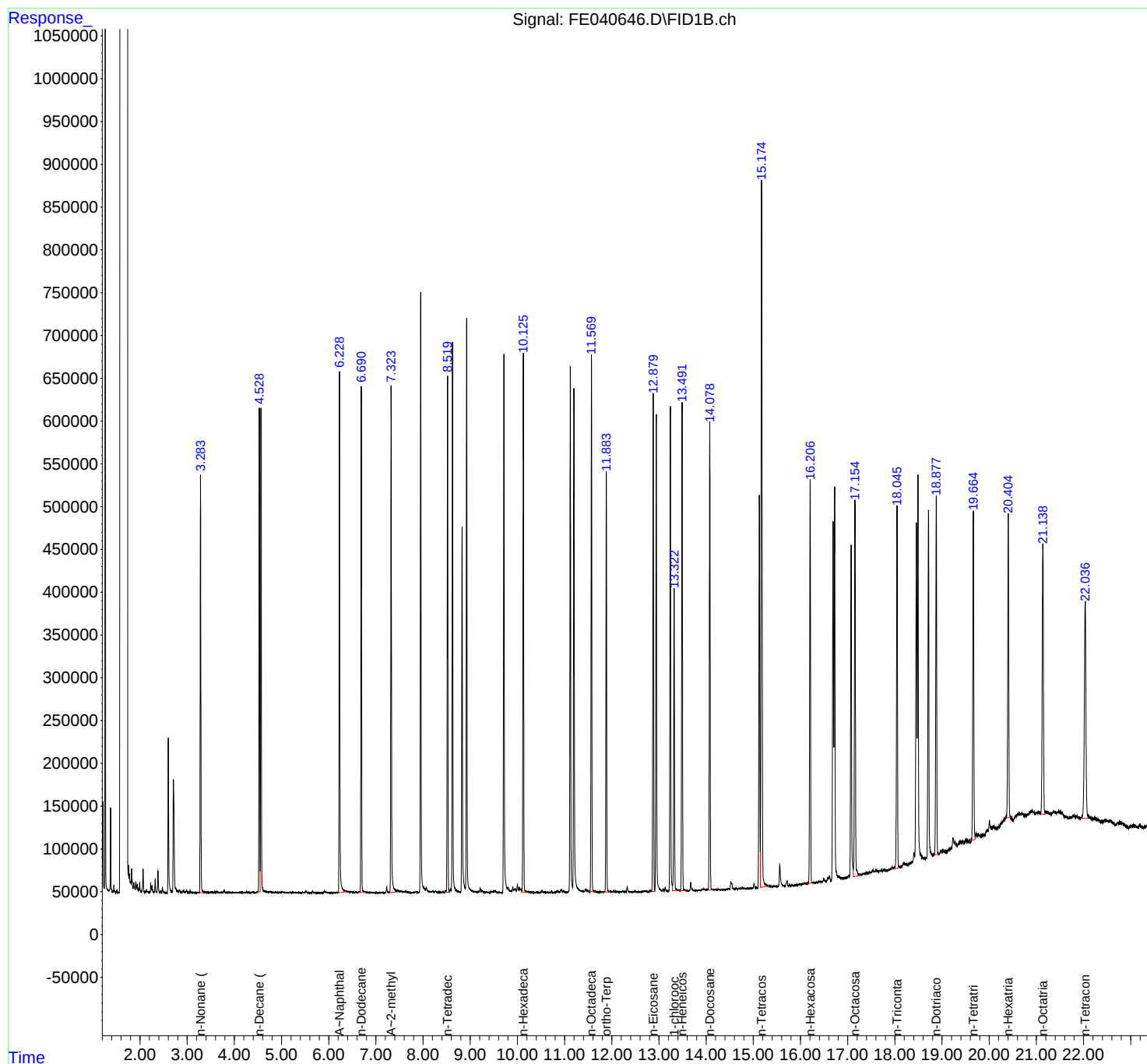
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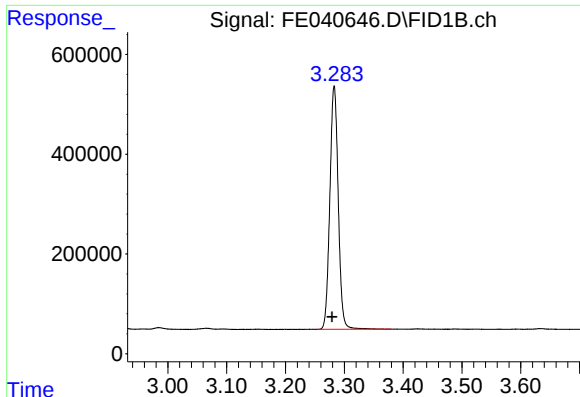
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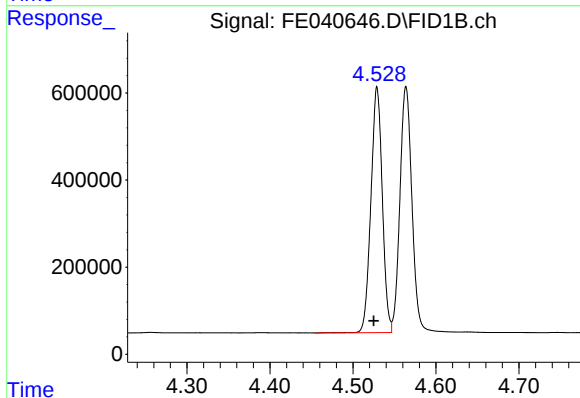
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.004 min
Response: 4843228
Conc: 31.48 ug/ml

Instrument :
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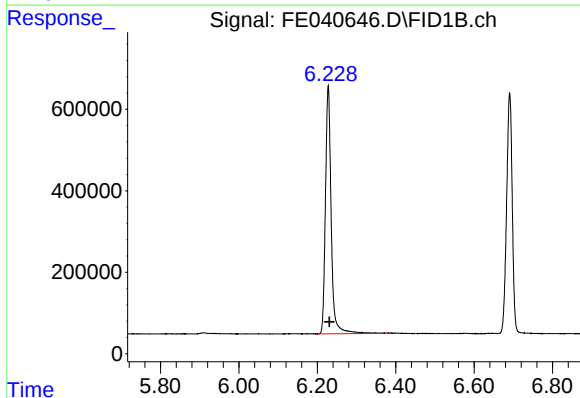
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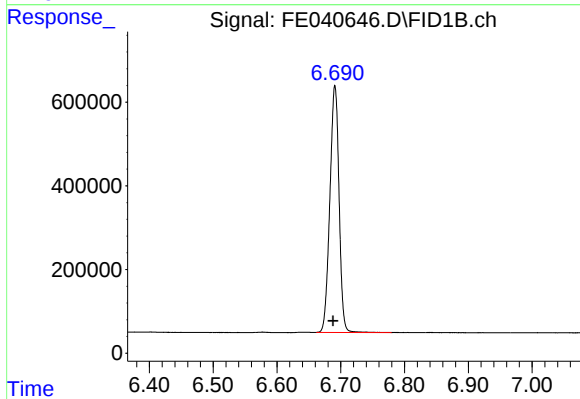
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 5372590
Conc: 35.71 ug/ml



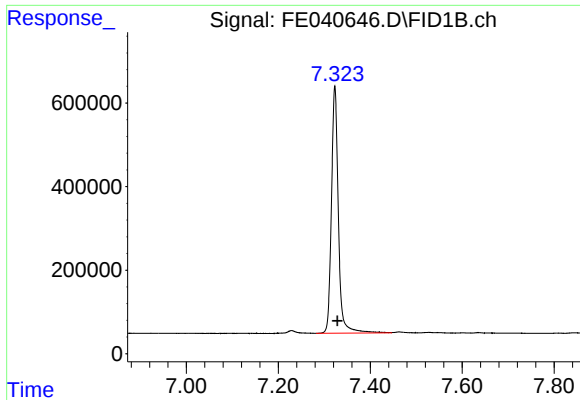
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 6186355
Conc: 37.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: 0.003 min
Response: 5897726
Conc: 38.53 ug/ml



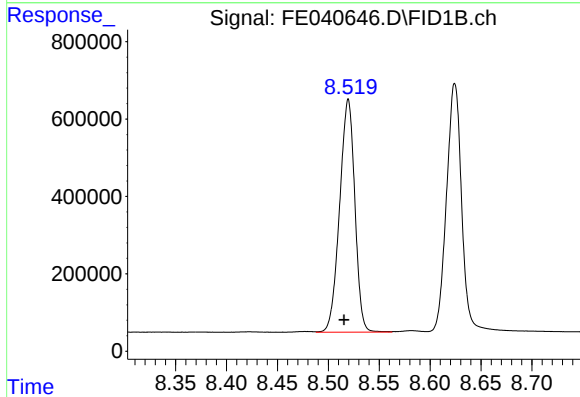
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 6202534
Conc: 40.98 ug/ml

Instrument :
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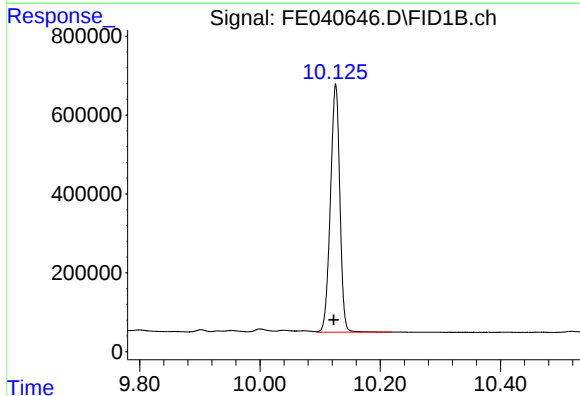
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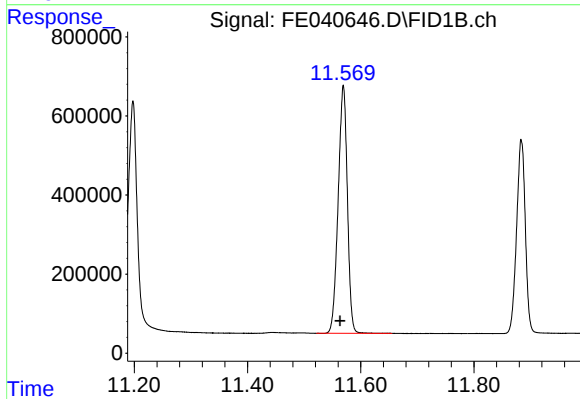
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.004 min
Response: 6268425
Conc: 40.56 ug/ml



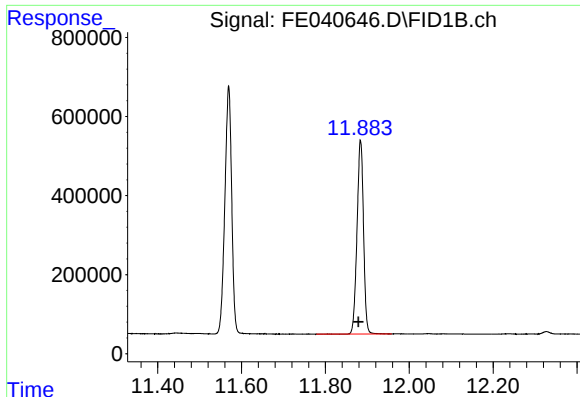
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: 0.003 min
Response: 6822094
Conc: 42.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: 0.006 min
Response: 7071849
Conc: 41.65 ug/ml



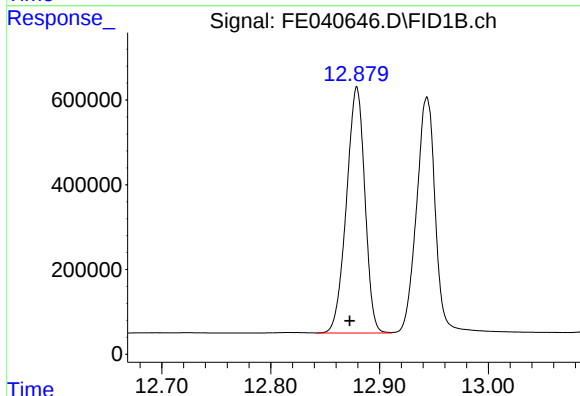
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: 0.005 min
Response: 5267479
Conc: 28.20 ug/ml

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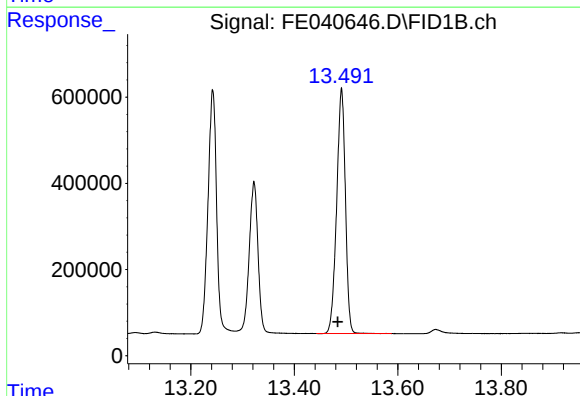
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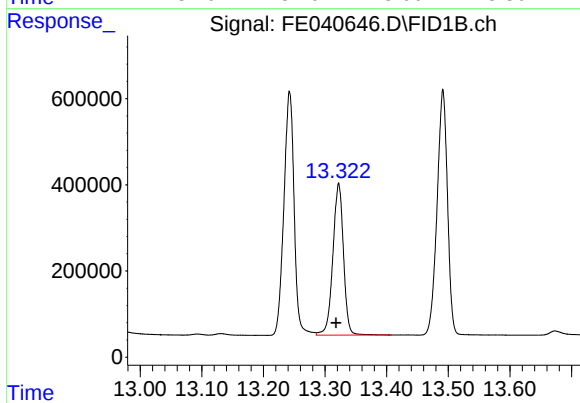
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.006 min
Response: 6821044
Conc: 40.32 ug/ml



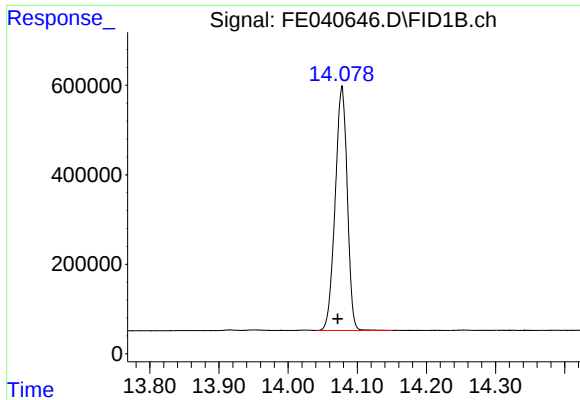
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.007 min
Response: 6678280
Conc: 38.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 4220617
Conc: 28.52 ug/ml



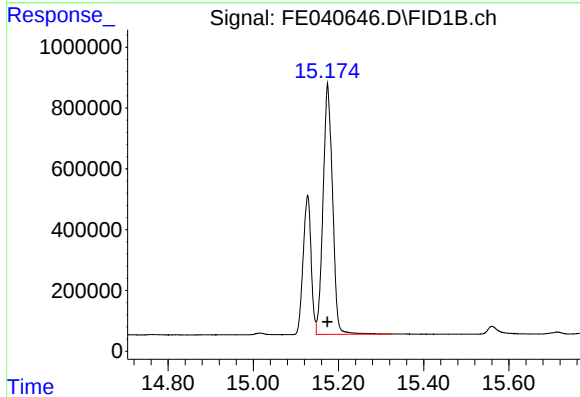
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.006 min
Response: 6619281
Conc: 38.64 ug/ml

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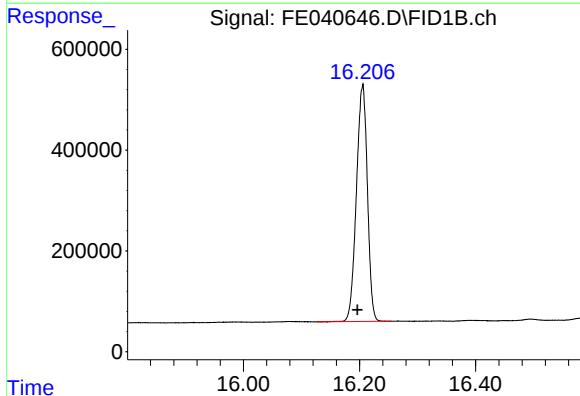
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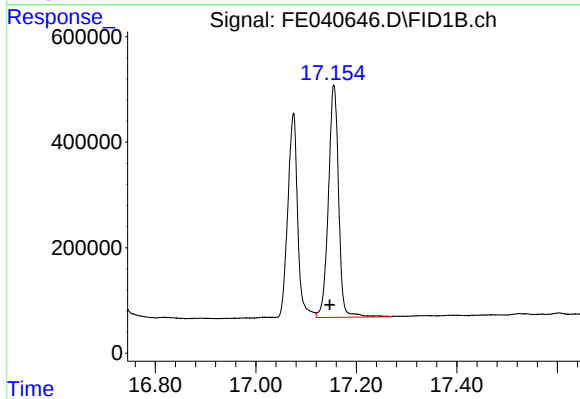
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 12735613
Conc: 73.88 ug/ml



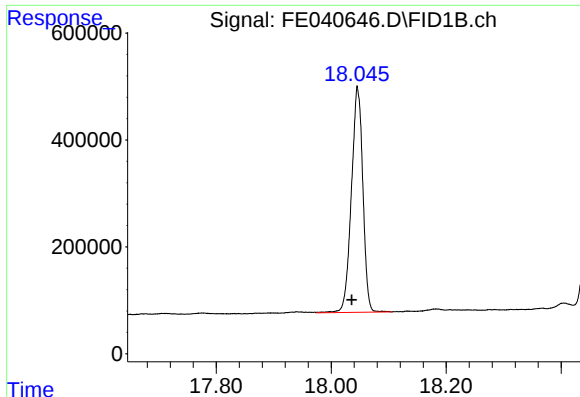
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: 0.009 min
Response: 6164263
Conc: 36.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: 0.008 min
Response: 6224771
Conc: 37.12 ug/ml



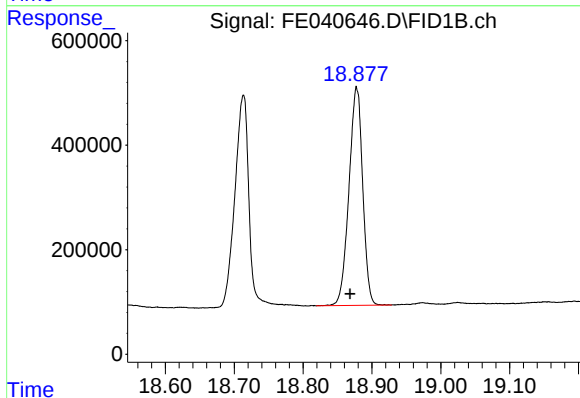
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: 0.010 min
Response: 5837326
Conc: 35.75 ug/ml

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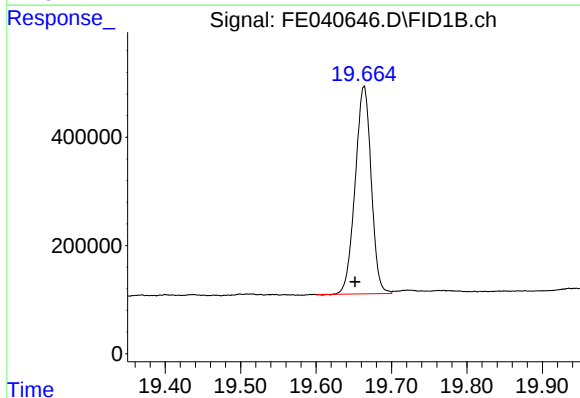
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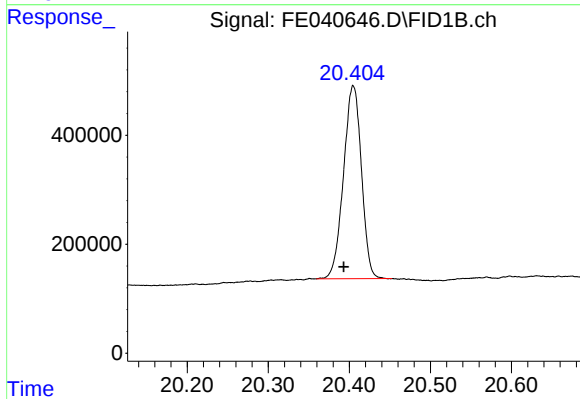
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: 0.010 min
Response: 5787024
Conc: 33.81 ug/ml



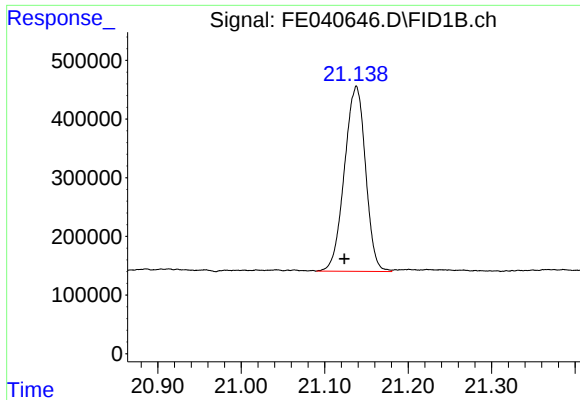
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: 0.012 min
Response: 5661849
Conc: 36.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: 0.011 min
Response: 5451180
Conc: 37.52 ug/ml m



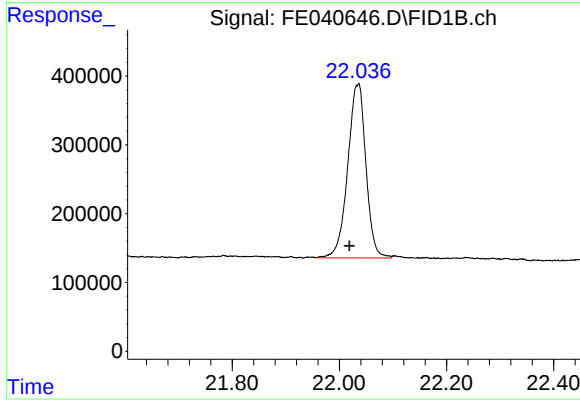
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.014 min
Response: 5531020
Conc: 40.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.036 min
Delta R.T.: 0.018 min
Response: 5966611
Conc: 38.61 ug/ml