

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041676.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 17:02
 Operator : YP\AJ
 Sample : PB152526BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152526BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2023
 Supervised By :Ankita Jodhani 05/03/2023

Integration File: autoint1.e
 Quant Time: May 03 02:51:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.986	7519678	40.082 ug/ml
Spiked Amount 50.000		Recovery =	80.16%
12) S 1-chlorooctadecane (S...	13.421	5955638	42.158 ug/ml
Spiked Amount 50.000		Recovery =	84.32%
Target Compounds			
1) T n-Nonane (C9)	3.366	5759595	39.182 ug/ml
2) T n-Decane (C10)	4.616	6001270	40.014 ug/ml
3) T A~Naphthalene (C11.7)	6.319	6998453	42.290 ug/ml
4) T n-Dodecane (C12)	6.780	6532090	42.962 ug/ml
5) T A~2-methylnaphthalene...	7.417	6876317	42.645 ug/ml
6) T n-Tetradecane (C14)	8.612	6836762	45.007 ug/ml
7) T n-Hexadecane (C16)	10.220	7122510	44.632 ug/ml
8) T n-Octadecane (C18)	11.665	7222163	44.061 ug/ml
10) T n-Eicosane (C20)	12.977	7086159	44.056 ug/ml
11) T n-Heneicosane (C21)	13.589	6892719	43.250 ug/ml
13) T n-Docosane (C22)	14.176	6795061	42.648 ug/ml
14) T n-Tetracosane (C24)	15.269	12762266	79.160 ug/ml
15) T n-Hexacosane (C26)	16.304	6396772	40.461 ug/ml
16) T n-Octacosane (C28)	17.251	6199742	40.291 ug/ml
17) T n-Tricontane (C30)	18.141	6053882	39.749 ug/ml
18) T n-Dotriacontane (C32)	18.973	5851279	39.276 ug/ml
19) T n-Tetratriacontane (C34)	19.758	5803496	41.196 ug/ml
20) T n-Hexatriacontane (C36)	20.499	5499036	41.121 ug/mlm
21) T n-Octatriacontane (C38)	21.255	5667967	42.895 ug/ml
22) T n-Tetracontane (C40)	22.204	5879065	46.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB152526BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

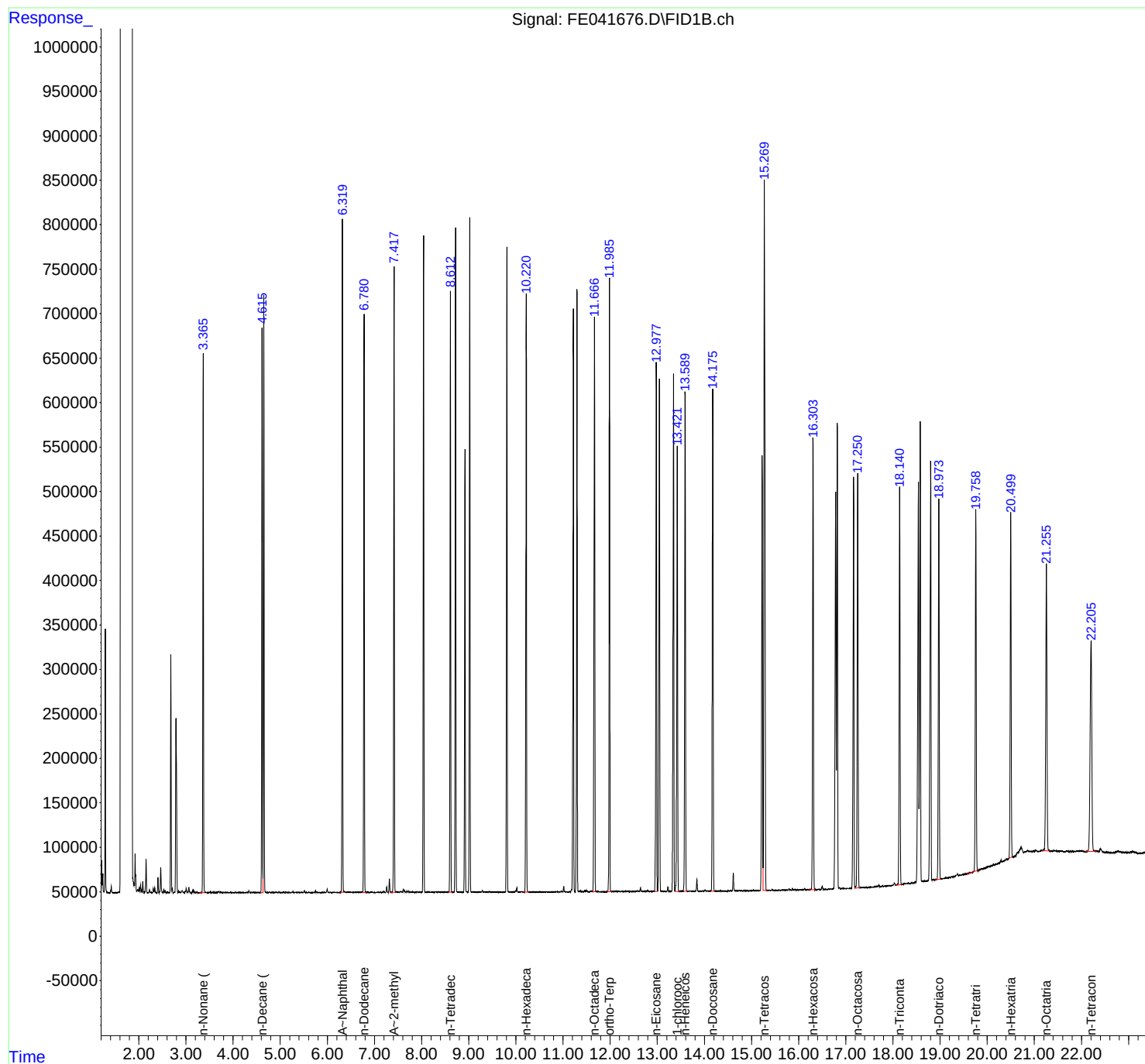
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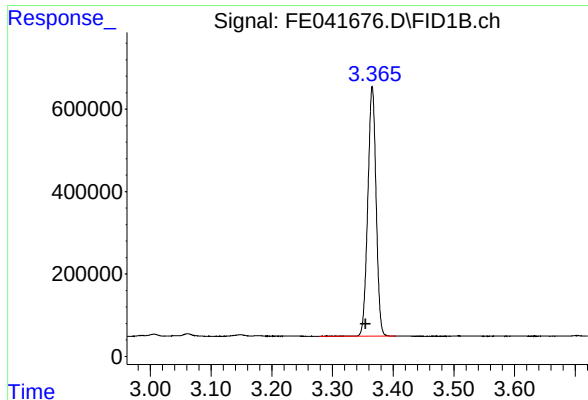
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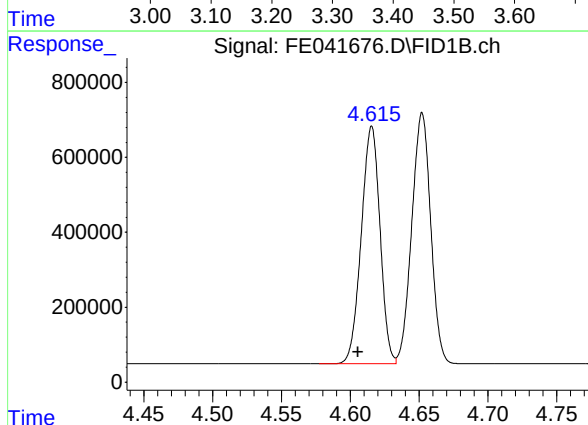
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.011 min
Response: 5759595
Conc: 39.18 ug/ml

Instrument :
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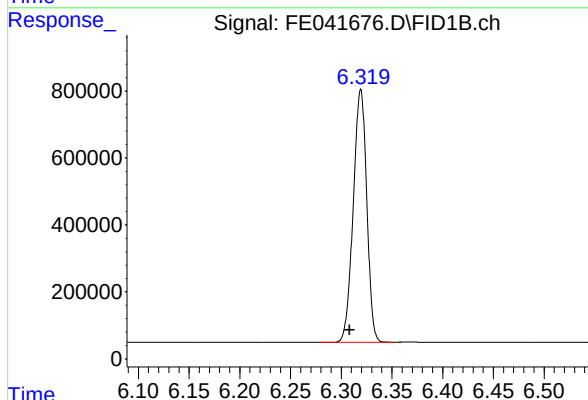
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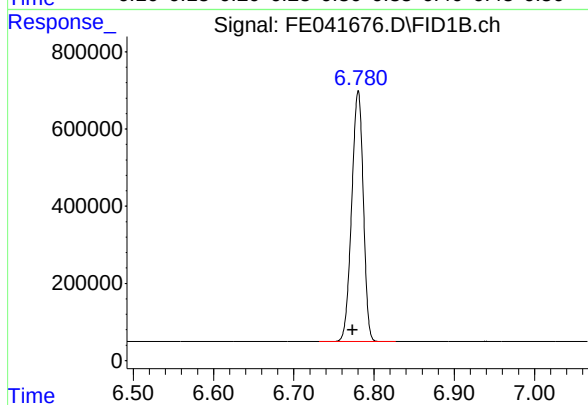
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.010 min
Response: 6001270
Conc: 40.01 ug/ml



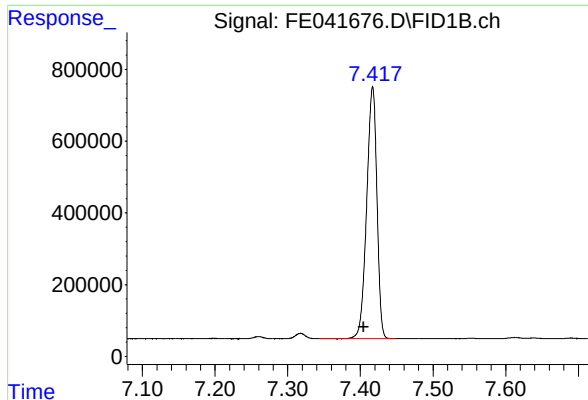
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.011 min
Response: 6998453
Conc: 42.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.007 min
Response: 6532090
Conc: 42.96 ug/ml



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

R.T.: 7.417 min
Delta R.T.: 0.013 min
Response: 6876317
Conc: 42.64 ug/ml

Instrument :

FID_E

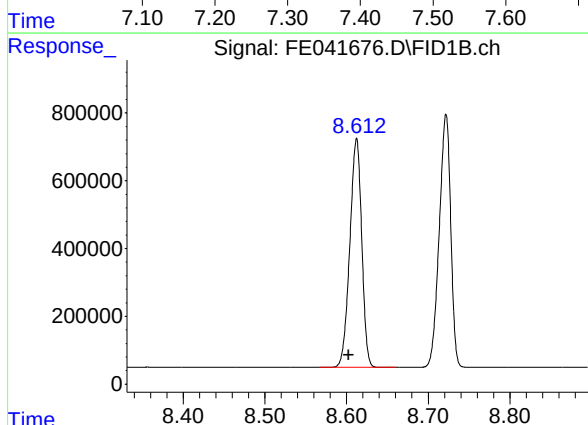
ClientSampleId :

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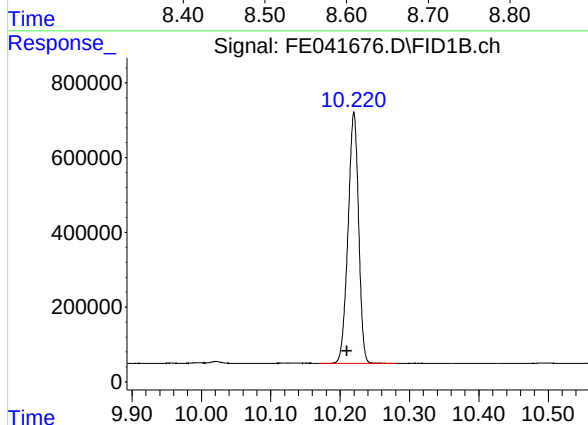
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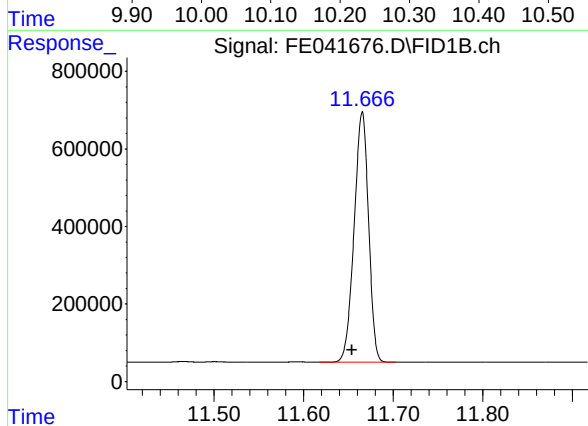
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.010 min
Response: 6836762
Conc: 45.01 ug/ml



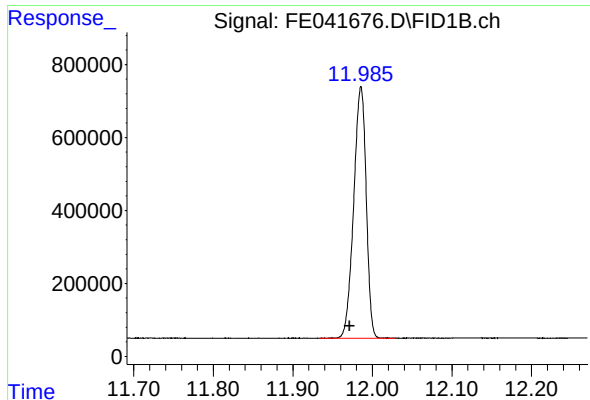
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.010 min
Response: 7122510
Conc: 44.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.012 min
Response: 7222163
Conc: 44.06 ug/ml



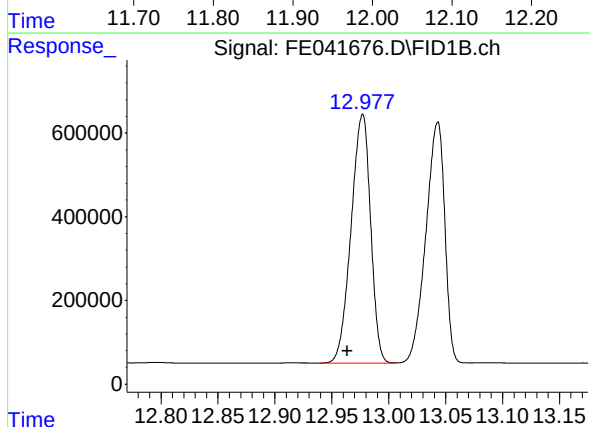
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.014 min
Response: 7519678
Conc: 40.08 ug/ml

Instrument :
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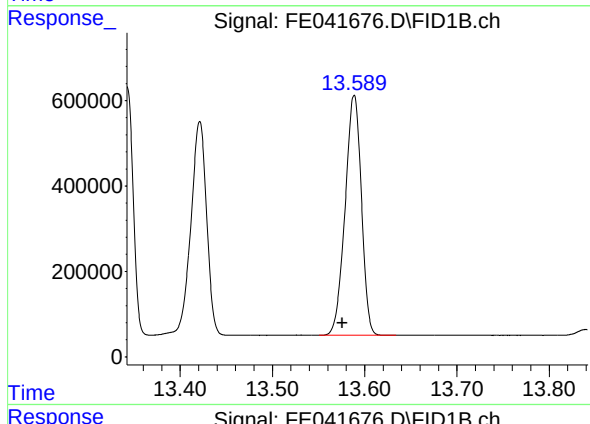
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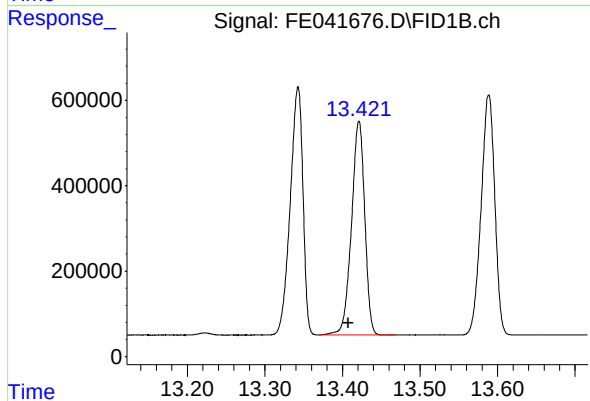
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.013 min
Response: 7086159
Conc: 44.06 ug/ml



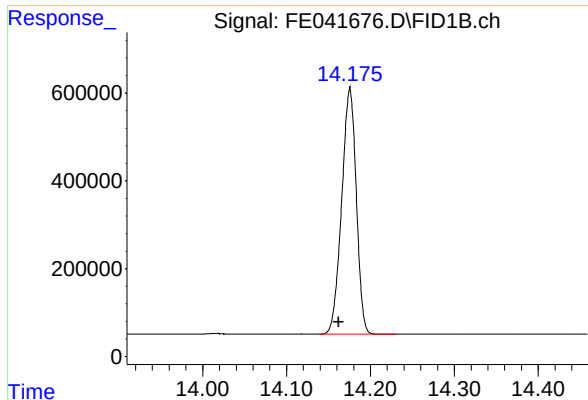
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.013 min
Response: 6892719
Conc: 43.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: 0.014 min
Response: 5955638
Conc: 42.16 ug/ml



#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.014 min
Response: 6795061
Conc: 42.65 ug/ml

Instrument :

FID_E

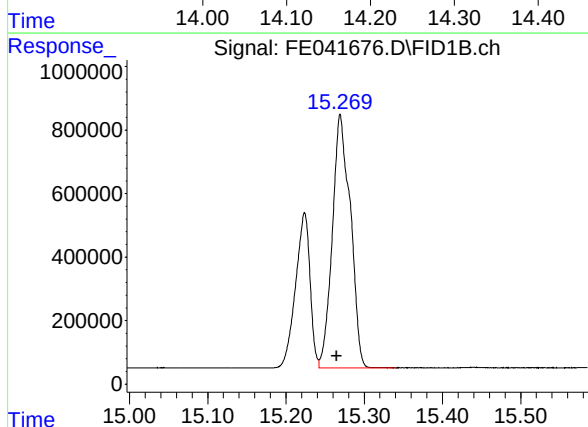
ClientSampleId :

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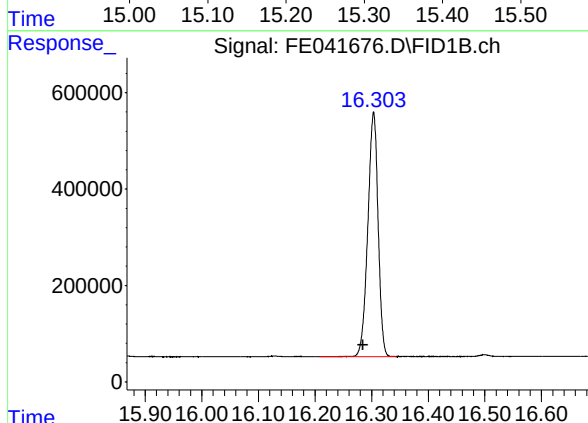
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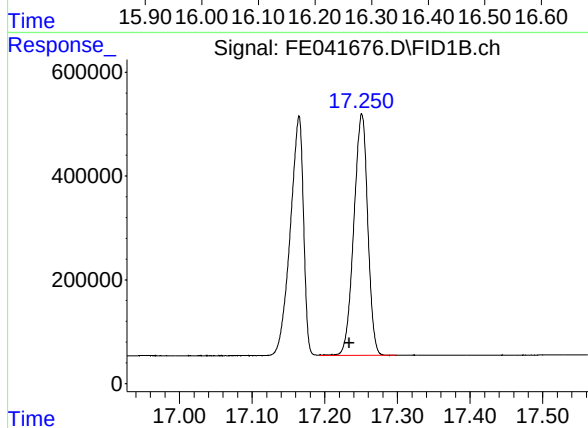
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.004 min
Response: 12762266
Conc: 79.16 ug/ml



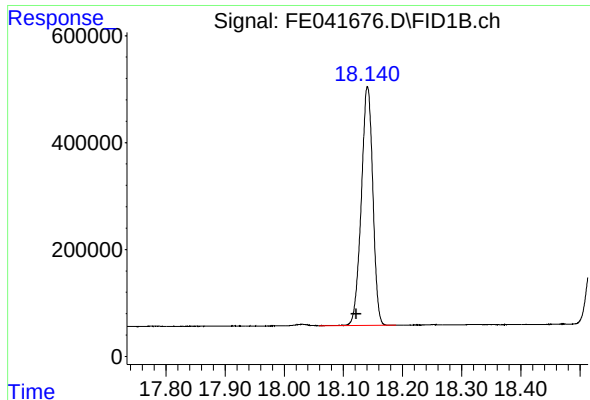
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.019 min
Response: 6396772
Conc: 40.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.017 min
Response: 6199742
Conc: 40.29 ug/ml



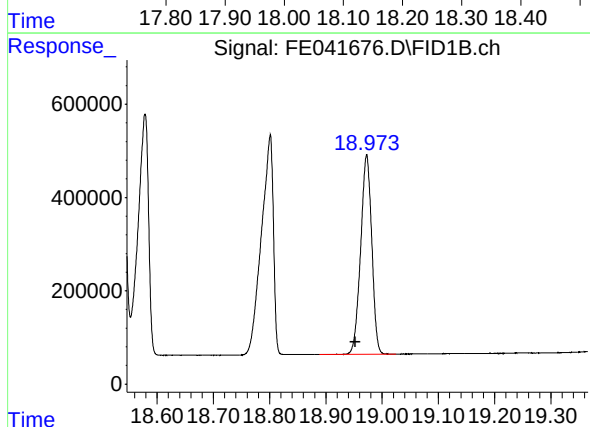
#17 n-Tricontane (C30)

R.T.: 18.141 min
Delta R.T.: 0.019 min
Response: 6053882
Conc: 39.75 ug/ml

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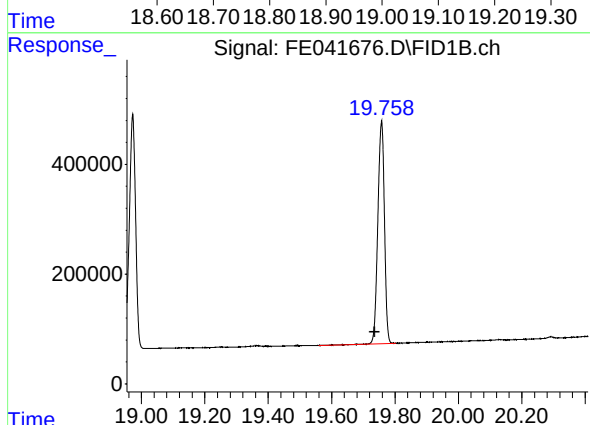
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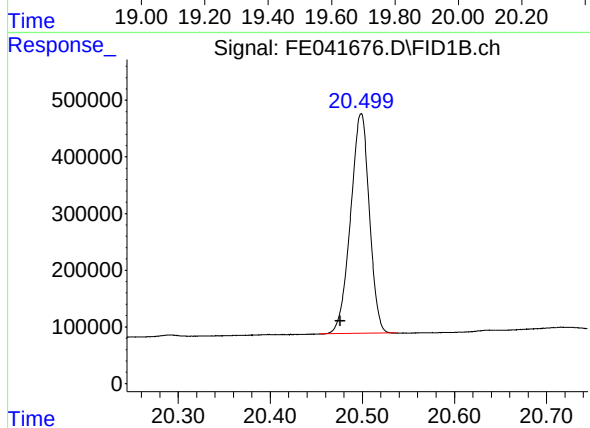
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: 0.020 min
Response: 5851279
Conc: 39.28 ug/ml



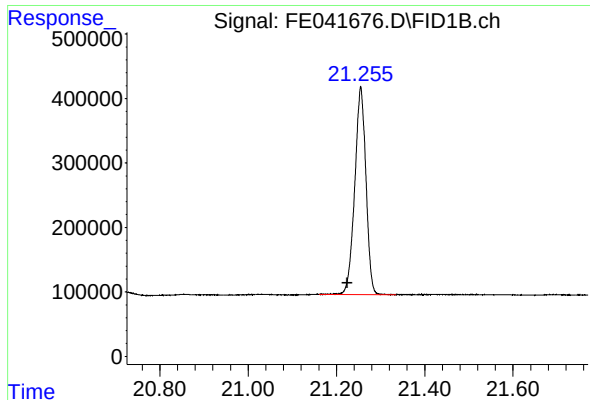
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: 0.022 min
Response: 5803496
Conc: 41.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.499 min
Delta R.T.: 0.023 min
Response: 5499036
Conc: 41.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.030 min
Response: 5667967
Conc: 42.90 ug/ml

Instrument :

FID_E

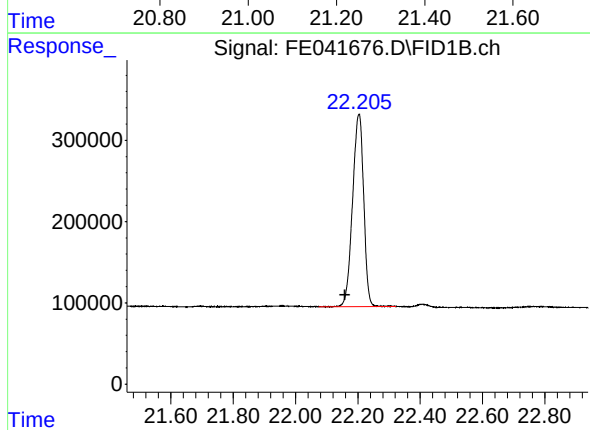
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#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: 0.045 min
Response: 5879065
Conc: 46.43 ug/ml