

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062223AL\
 Data File : FE042819.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2023 01:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 23 02:28:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.922	3663481	19.942 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	13.359	2723056	20.009 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.301	3046790	19.724 ug/ml
2) T n-Decane (C10)	4.553	3115139	19.721 ug/ml
3) T A~Naphthalene (C11.7)	6.262	3390760	20.025 ug/ml
4) T n-Dodecane (C12)	6.722	3159573	19.739 ug/ml
5) T A~2-methylnaphthalene...	7.360	3249633	20.043 ug/ml
6) T n-Tetradecane (C14)	8.552	3140504	19.733 ug/ml
7) T n-Hexadecane (C16)	10.160	3262121	19.807 ug/ml
8) T n-Octadecane (C18)	11.603	3295645	19.827 ug/ml
10) T n-Eicosane (C20)	12.913	3157198	19.896 ug/ml
11) T n-Heneicosane (C21)	13.524	3083346	19.929 ug/ml
13) T n-Docosane (C22)	14.110	3040282	19.959 ug/ml
14) T n-Tetracosane (C24)	15.214	2971907	20.030 ug/ml
15) T n-Hexacosane (C26)	16.235	2866208	20.049 ug/ml
16) T n-Octacosane (C28)	17.185	2793809	20.143 ug/ml
17) T n-Tricontane (C30)	18.072	2909158	20.570 ug/ml
18) T n-Dotriacontane (C32)	18.905	2918486	20.808 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2806461	20.508 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2683225	20.064 ug/ml
21) T n-Octatriacontane (C38)	21.171	2682087	19.672 ug/ml
22) T n-Tetracontane (C40)	22.089	2720023	19.550 ug/ml

(f)=RT Delta > 1/2 Window

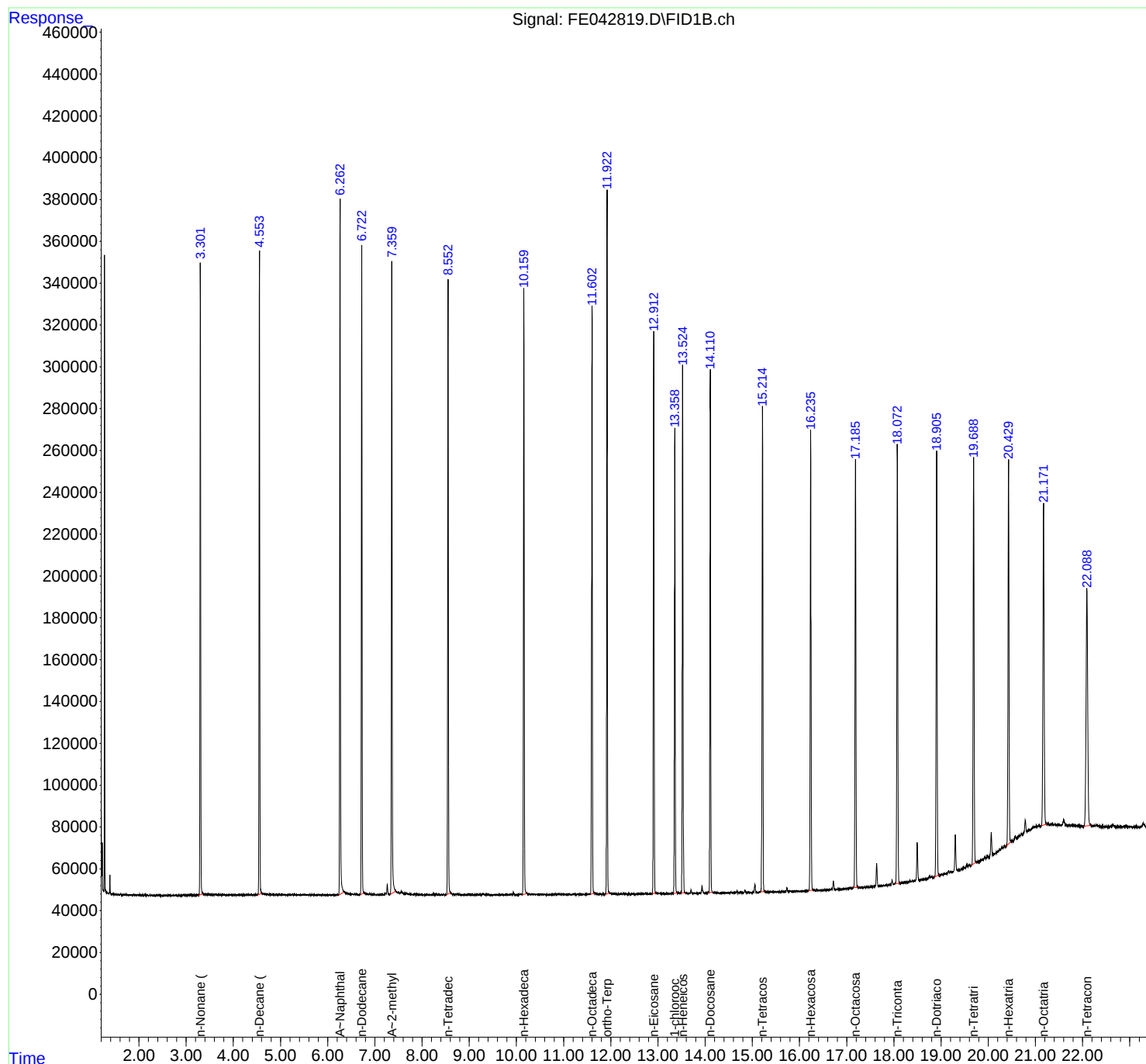
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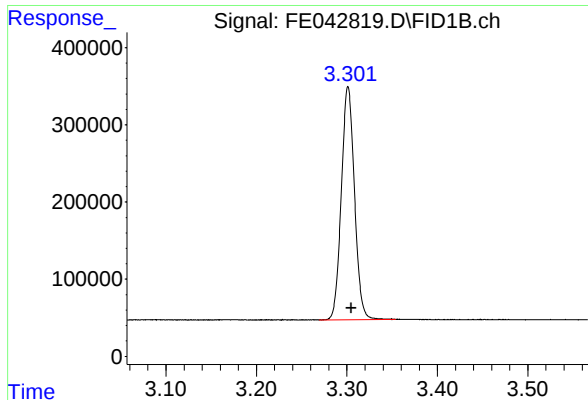
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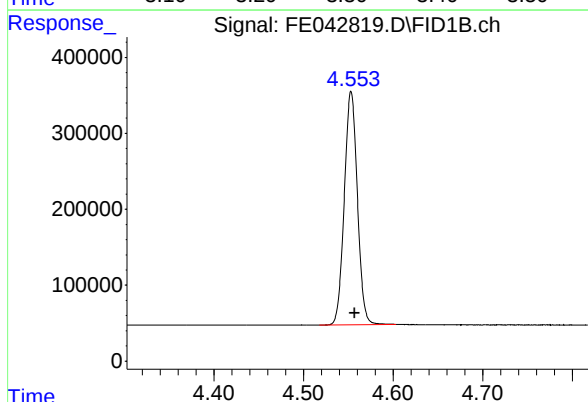




#1 n-Nonane (C9)

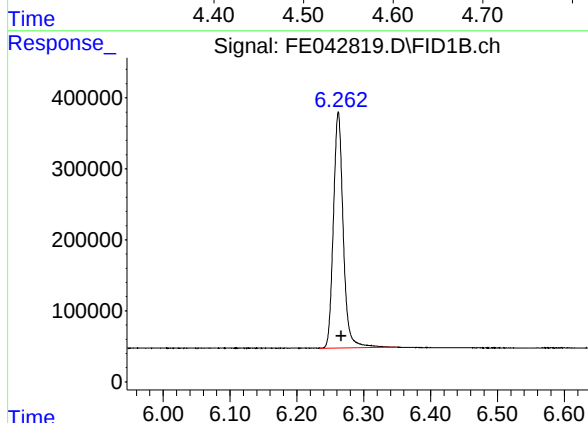
R.T.: 3.301 min
Delta R.T.: -0.004 min
Response: 3046790
Conc: 19.72 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



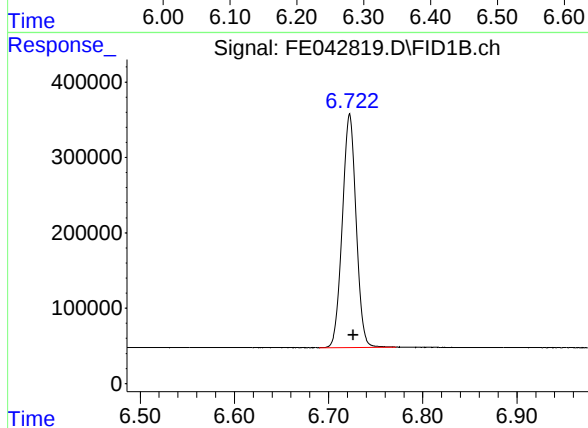
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 3115139
Conc: 19.72 ug/ml



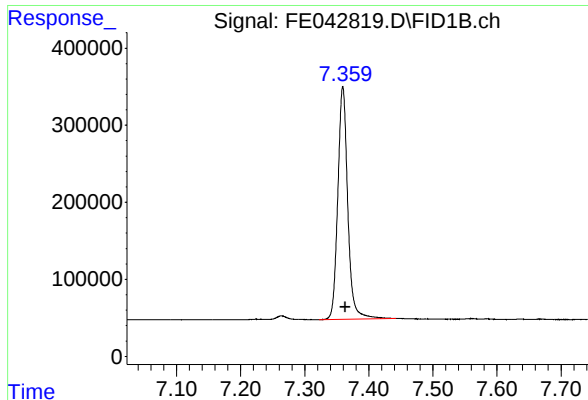
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 3390760
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

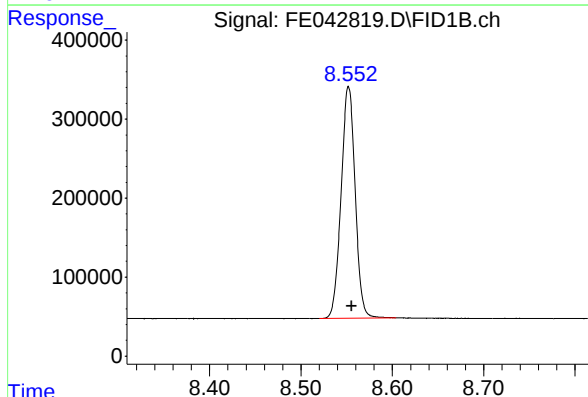
R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 3159573
Conc: 19.74 ug/ml



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

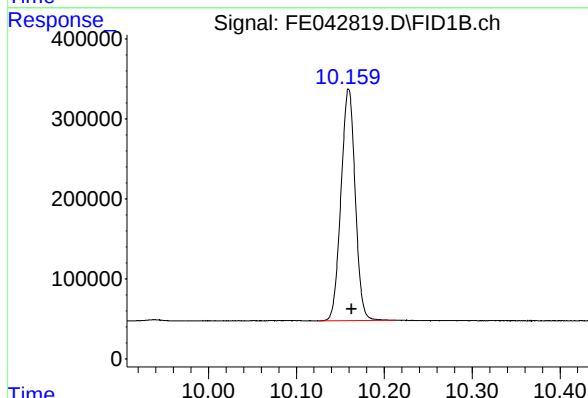
R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 3249633
Conc: 20.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



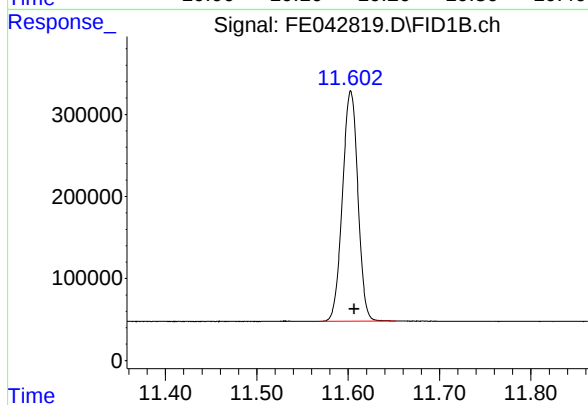
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 3140504
Conc: 19.73 ug/ml



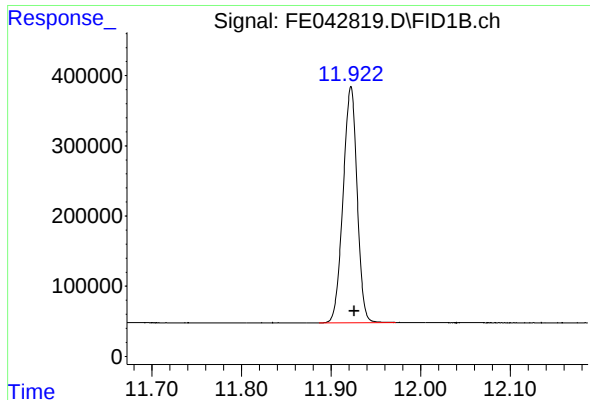
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.004 min
Response: 3262121
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

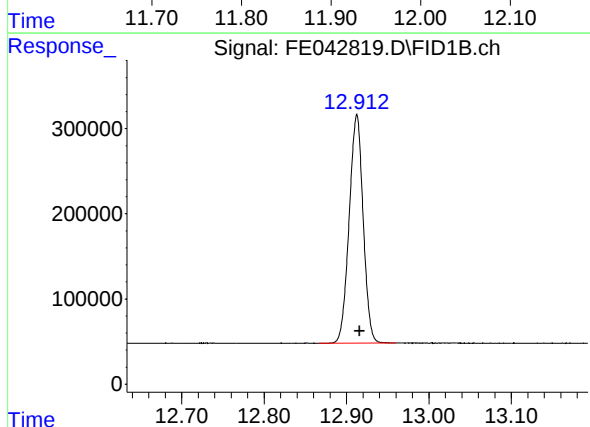
R.T.: 11.603 min
Delta R.T.: -0.004 min
Response: 3295645
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

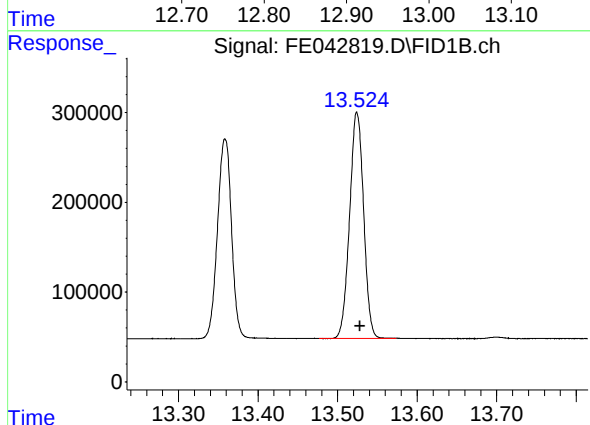
R.T.: 11.922 min
Delta R.T.: -0.003 min
Response: 3663481
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



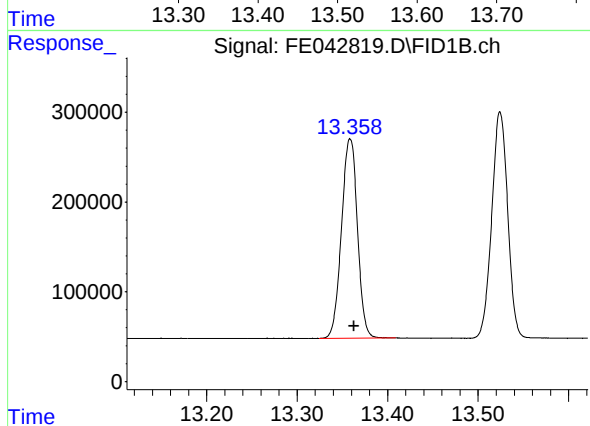
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.004 min
Response: 3157198
Conc: 19.90 ug/ml



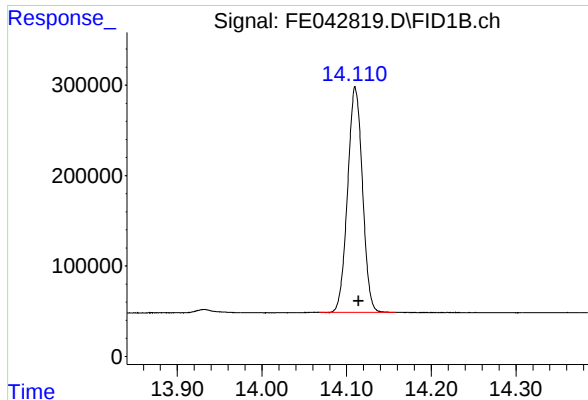
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.004 min
Response: 3083346
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

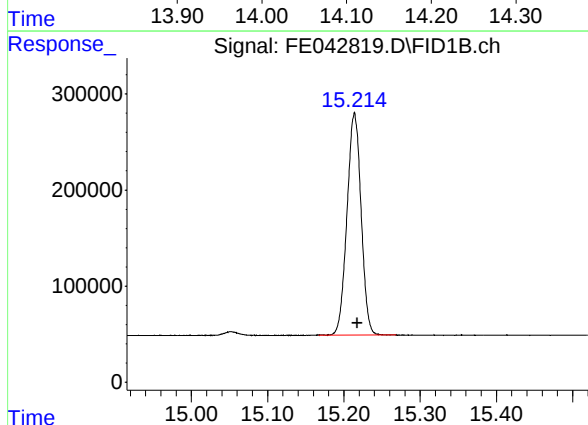
R.T.: 13.359 min
Delta R.T.: -0.004 min
Response: 2723056
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

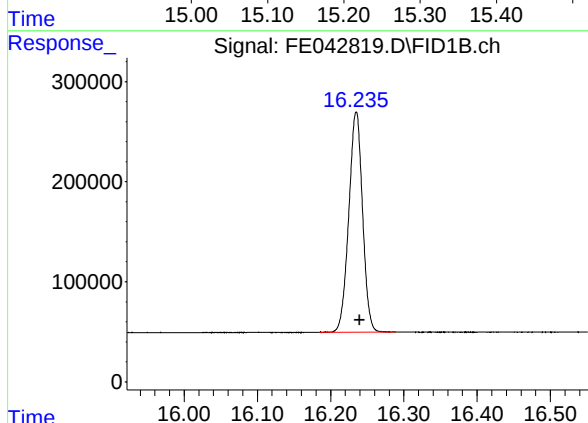
R.T.: 14.110 min
Delta R.T.: -0.004 min
Response: 3040282
Conc: 19.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



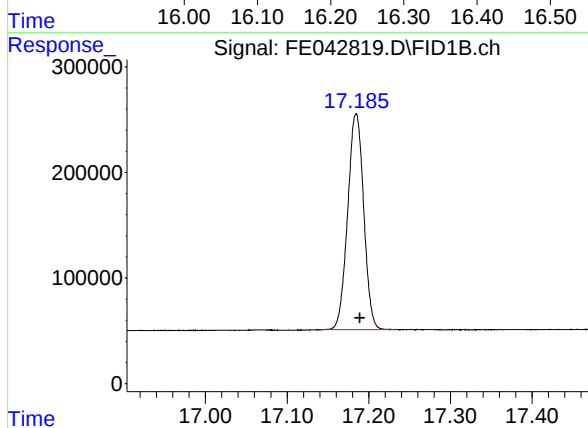
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.004 min
Response: 2971907
Conc: 20.03 ug/ml



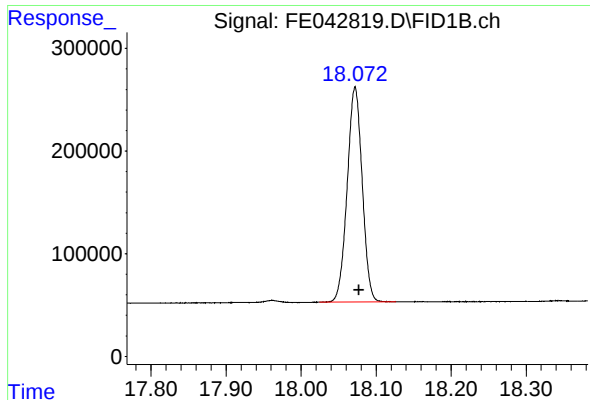
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.005 min
Response: 2866208
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

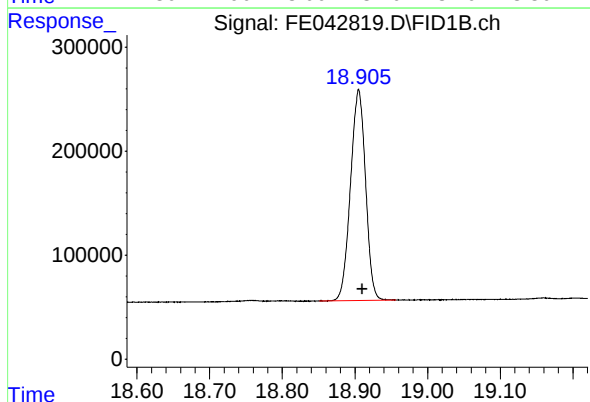
R.T.: 17.185 min
Delta R.T.: -0.005 min
Response: 2793809
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

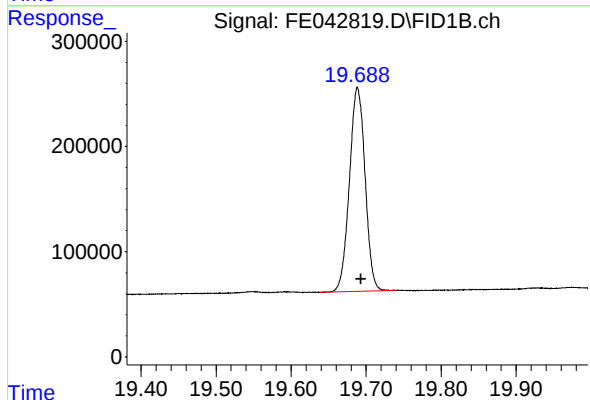
R.T.: 18.072 min
Delta R.T.: -0.005 min
Response: 2909158
Conc: 20.57 ug/ml

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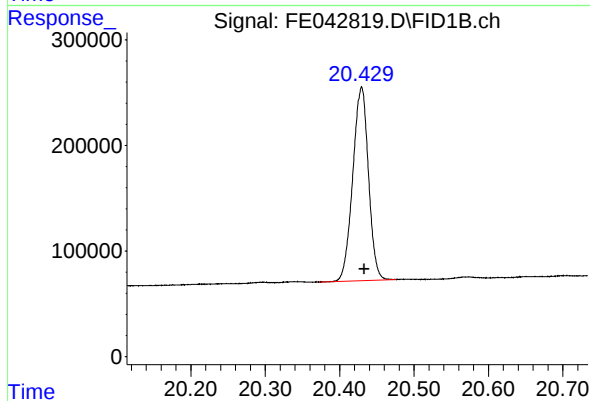
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.005 min
Response: 2918486
Conc: 20.81 ug/ml



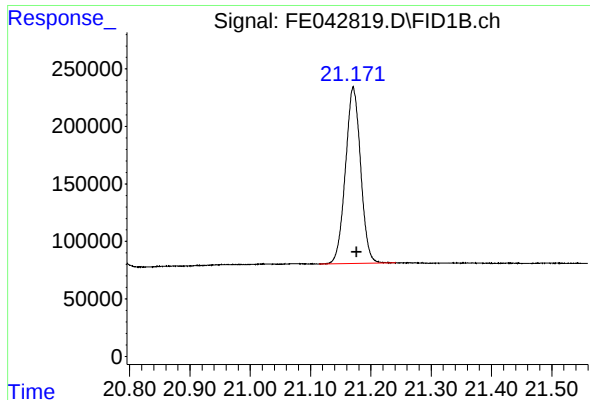
#19 n-Tetatriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.005 min
Response: 2806461
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

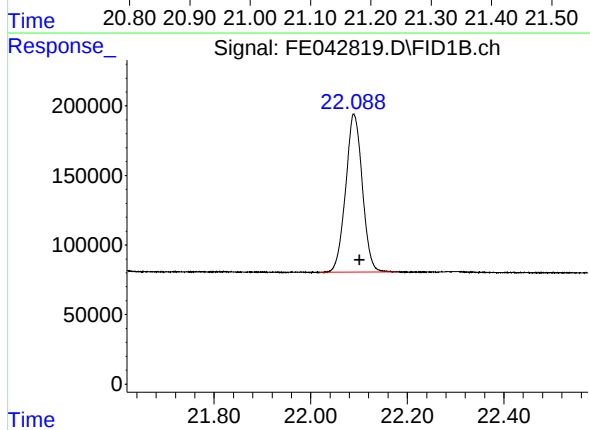
R.T.: 20.430 min
Delta R.T.: -0.004 min
Response: 2683225
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.006 min
Response: 2682087
Conc: 19.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.012 min
Response: 2720023
Conc: 19.55 ug/ml