

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041020.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 02:13
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 25 06:29:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:22:45 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)	11.864	1904865	10.418 ug/ml
Spiked Amount 50.000		Recovery =	20.84%
12) S 1-chlorooctadecane (S...	13.302	1465615	10.427 ug/ml
Spiked Amount 50.000		Recovery =	20.85%
Target Compounds			
1) T n-Nonane (C9)	3.262	1765792	10.387 ug/ml
2) T n-Decane (C10)	4.509	1727930	10.323 ug/ml
3) T A~Naphthalene (C11.7)	6.213	1806902	9.806 ug/ml
4) T n-Dodecane (C12)	6.673	1759148	10.334 ug/ml
5) T A~2-methylnaphthalene...	7.309	1600234	9.468 ug/ml
6) T n-Tetradecane (C14)	8.499	1764369	10.327 ug/ml
7) T n-Hexadecane (C16)	10.106	1803300	10.362 ug/ml
8) T n-Octadecane (C18)	11.549	1824132	10.470 ug/ml
10) T n-Eicosane (C20)	12.857	1744756	10.511 ug/ml
11) T n-Heneicosane (C21)	13.469	1728962	10.517 ug/ml
13) T n-Docosane (C22)	14.056	1697832	10.548 ug/ml
14) T n-Tetracosane (C24)	15.159	1664237	10.607 ug/ml
15) T n-Hexacosane (C26)	16.181	1589082	10.549 ug/ml
16) T n-Octacosane (C28)	17.132	1576789	10.622 ug/ml
17) T n-Tricontane (C30)	18.021	1573752	10.656 ug/ml
18) T n-Dotriacontane (C32)	18.855	1603287	10.695 ug/ml
19) T n-Tetratriacontane (C34)	19.641	1580350	10.583 ug/ml
20) T n-Hexatriacontane (C36)	20.382	1525348	10.363 ug/mlm
21) T n-Octatriacontane (C38)	21.111	1588918	10.614 ug/ml
22) T n-Tetracontane (C40)	21.999	1619391	10.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 18 Sample Multiplier: 1

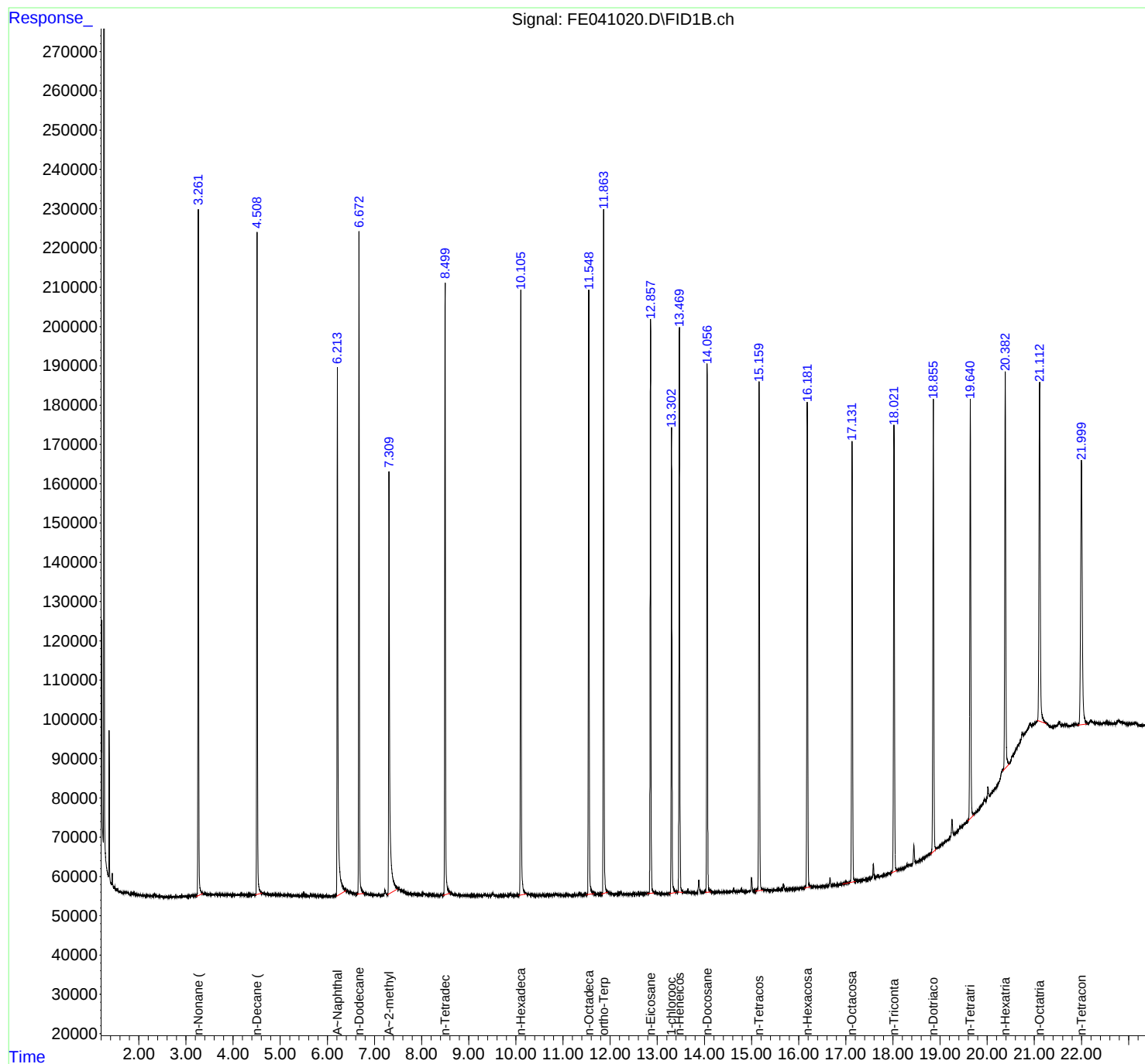
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

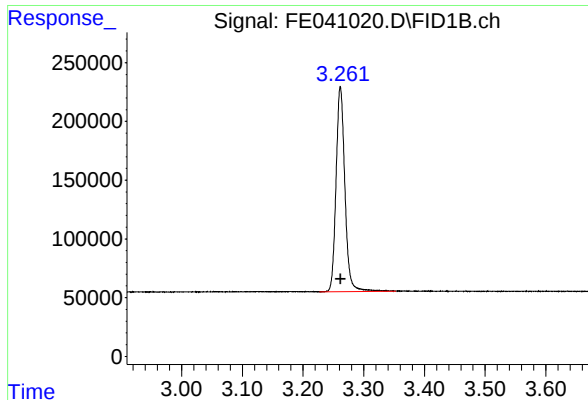
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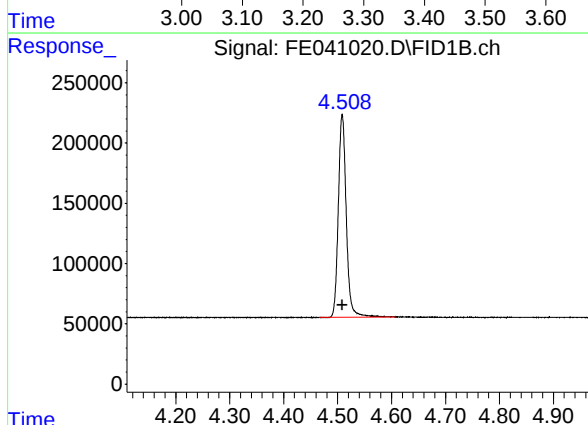
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 1765792
Conc: 10.39 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

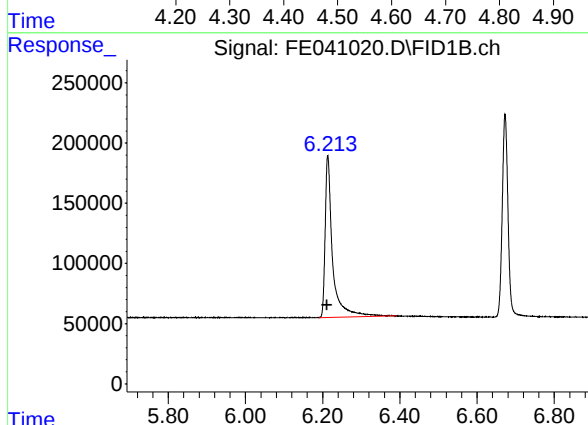
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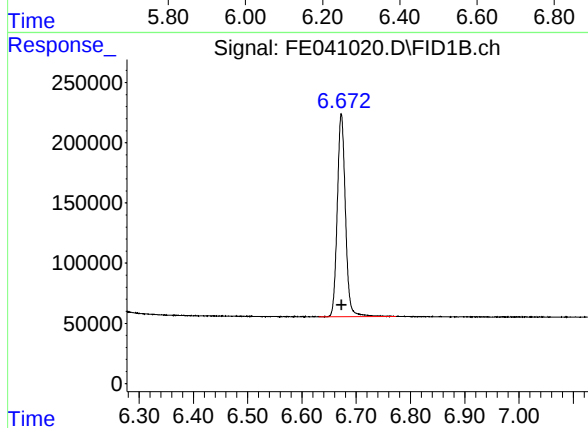
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 1727930
Conc: 10.32 ug/ml



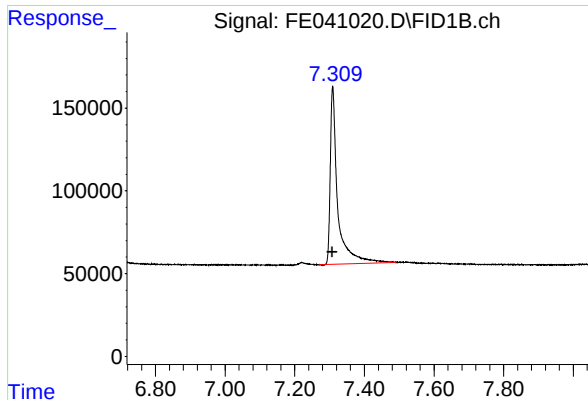
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.001 min
Response: 1806902
Conc: 9.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 1759148
Conc: 10.33 ug/ml



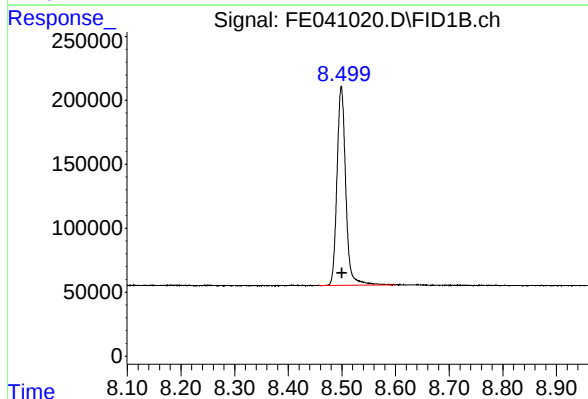
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 1600234
Conc: 9.47 ug/ml

Instrument : FID_E
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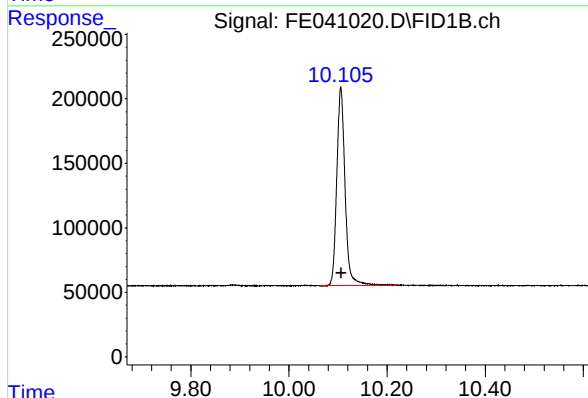
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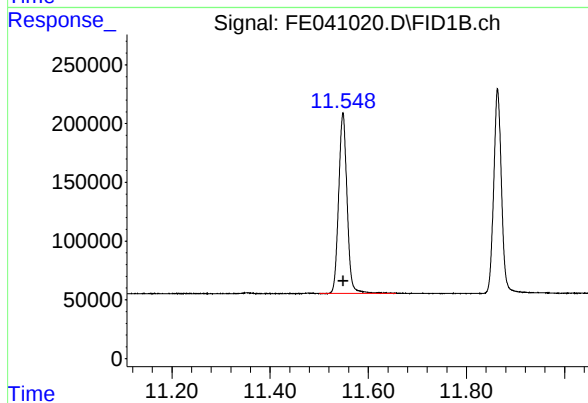
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 1764369
Conc: 10.33 ug/ml



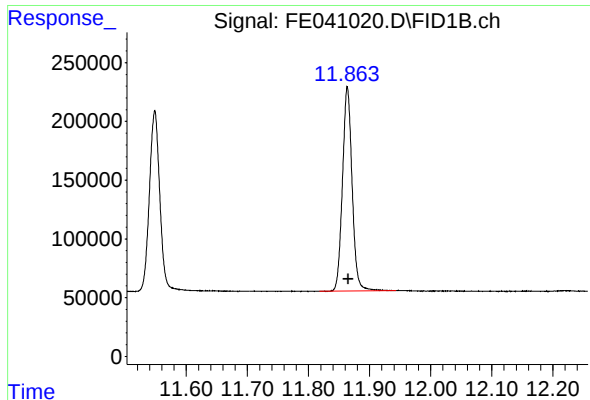
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: 0.000 min
Response: 1803300
Conc: 10.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 1824132
Conc: 10.47 ug/ml



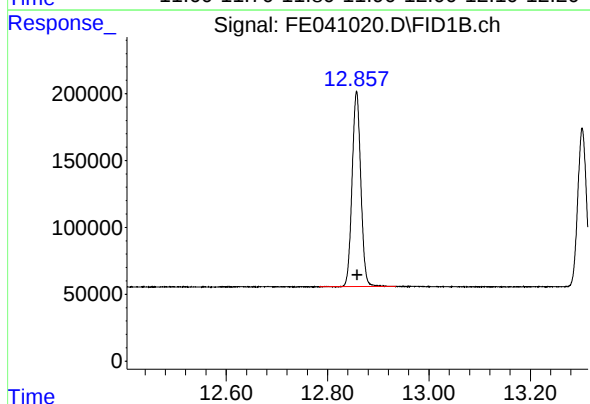
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.001 min
Response: 1904865
Conc: 10.42 ug/ml

Instrument :
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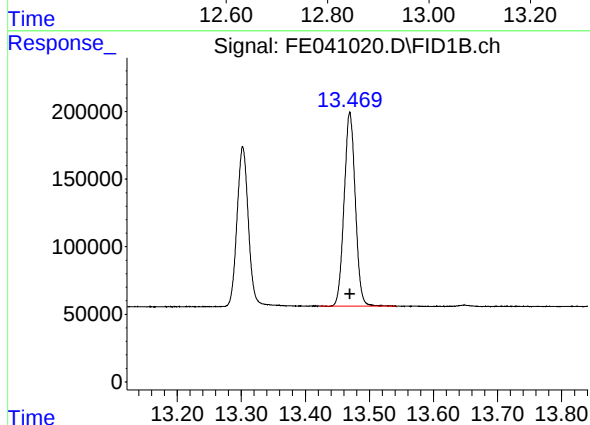
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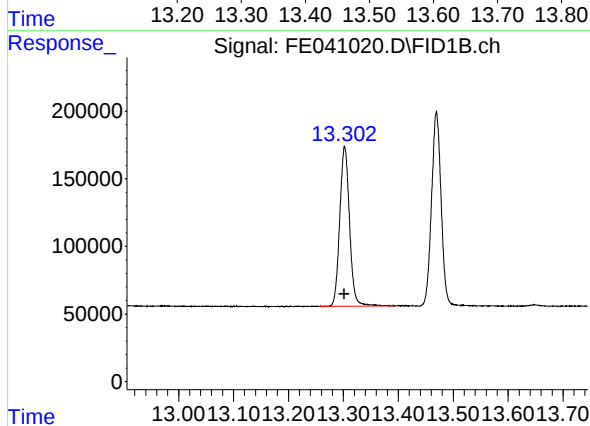
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: 0.000 min
Response: 1744756
Conc: 10.51 ug/ml



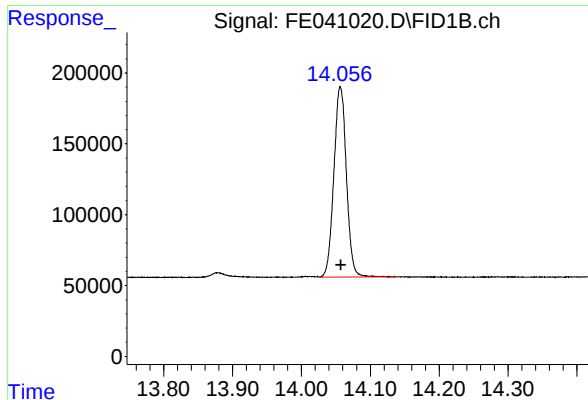
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: 0.000 min
Response: 1728962
Conc: 10.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 1465615
Conc: 10.43 ug/ml



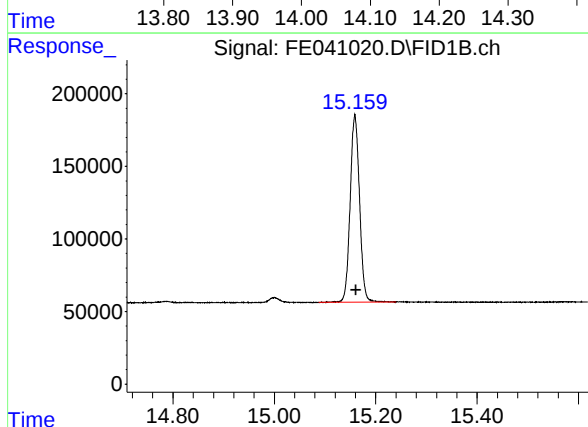
#13 n-Docosane (C22)

R.T.: 14.056 min
Delta R.T.: 0.000 min
Response: 1697832
Conc: 10.55 ug/ml

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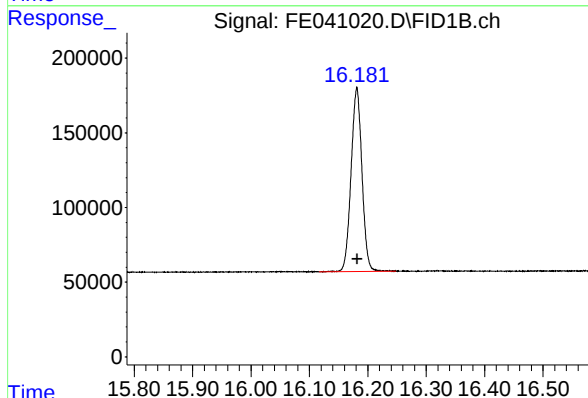
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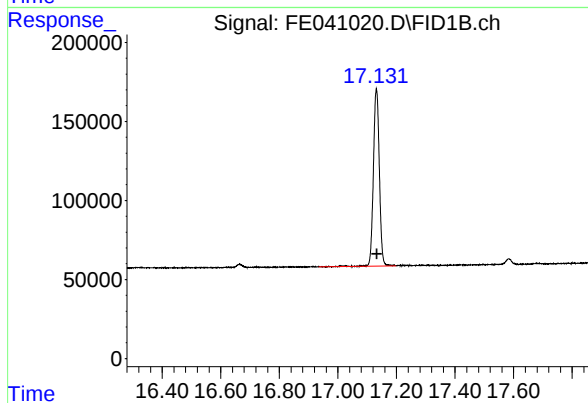
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.002 min
Response: 1664237
Conc: 10.61 ug/ml



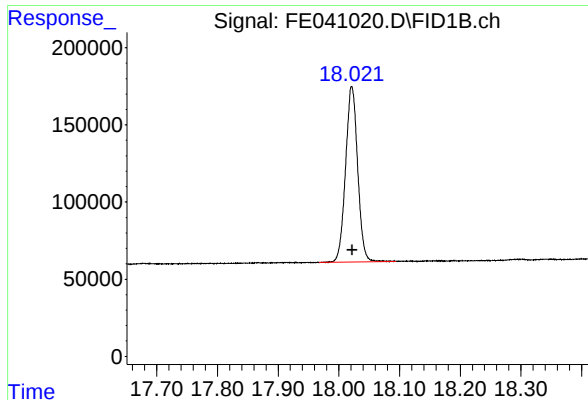
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 1589082
Conc: 10.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.002 min
Response: 1576789
Conc: 10.62 ug/ml



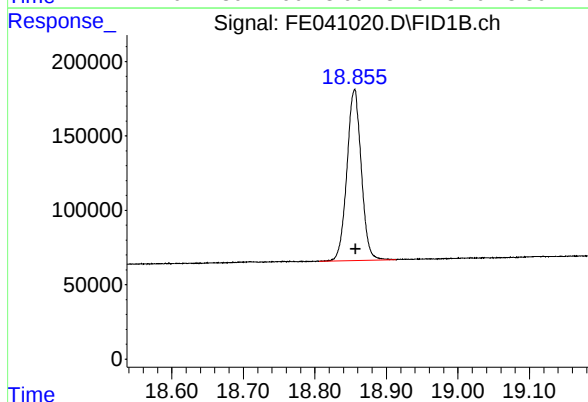
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.001 min
Response: 1573752
Conc: 10.66 ug/ml

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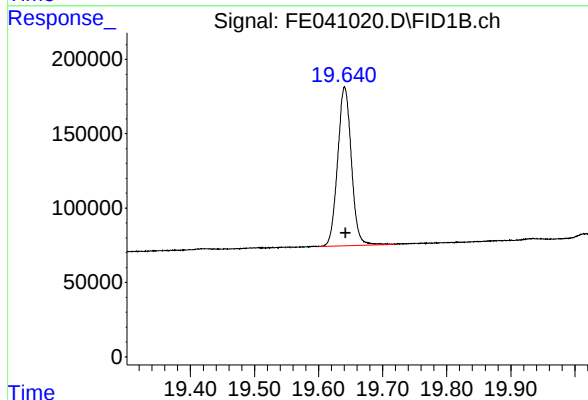
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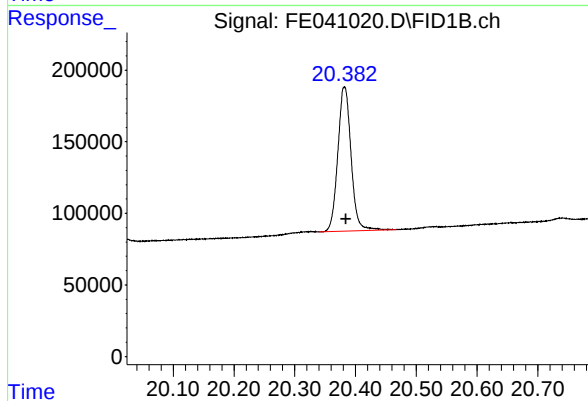
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.001 min
Response: 1603287
Conc: 10.69 ug/ml



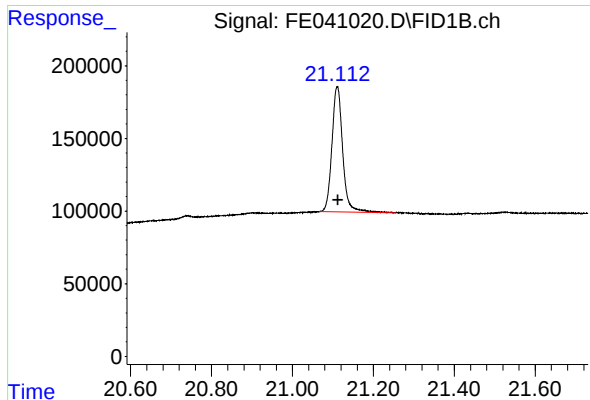
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.002 min
Response: 1580350
Conc: 10.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 1525348
Conc: 10.36 ug/ml m



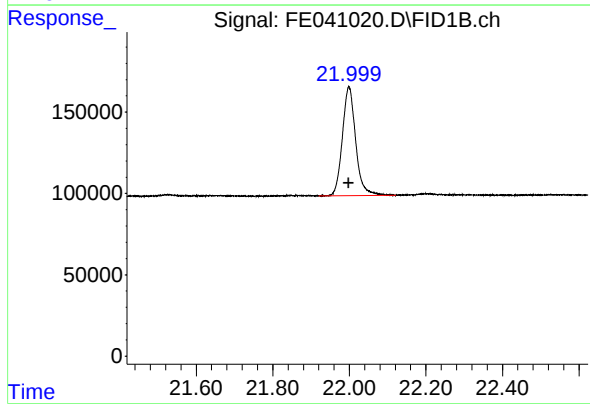
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.001 min
Response: 1588918
Conc: 10.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: 0.000 min
Response: 1619391
Conc: 10.45 ug/ml