

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022122AL\
 Data File : FD041231.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2022 10:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 22 10:55:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.227	581097	20.791 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
12) S 1-chlorooctadecane (S...	12.668	432086	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.076	465656	20.675 ug/ml
2) T n-Decane (C10)	4.133	466249	20.717 ug/ml
3) T A~Naphthalene (C11.7)	5.690	474398	21.349 ug/ml
4) T n-Dodecane (C12)	6.135	489945	21.338 ug/ml
5) T A~2-methylnaphthalene...	6.736	467747	21.775 ug/ml
6) T n-Tetradecane (C14)	7.913	503495	21.381 ug/ml
7) T n-Hexadecane (C16)	9.500	516881	21.499 ug/ml
8) T n-Octadecane (C18)	10.930	531614	21.184 ug/ml
10) T n-Eicosane (C20)	12.231	513729	20.512 ug/ml
11) T n-Heneicosane (C21)	12.838	509932	20.079 ug/ml
13) T n-Docosane (C22)	13.421	492819	19.689 ug/ml
14) T n-Tetracosane (C24)	14.517	470885	18.960 ug/ml
15) T n-Hexacosane (C26)	15.531	444039	18.316 ug/ml
16) T n-Octacosane (C28)	16.476	427296	17.745 ug/ml
17) T n-Tricontane (C30)	17.357	412215	17.300 ug/ml
18) T n-Dotriacontane (C32)	18.186	394478	17.588 ug/ml
19) T n-Tetratriacontane (C34)	18.966	370706	17.202 ug/ml
20) T n-Hexatriacontane (C36)	19.703	333477	16.772 ug/ml
21) T n-Octatriacontane (C38)	20.400	304957	16.096 ug/ml
22) T n-Tetracontane (C40)	21.178	280223	14.477 ug/ml

(f)=RT Delta > 1/2 Window

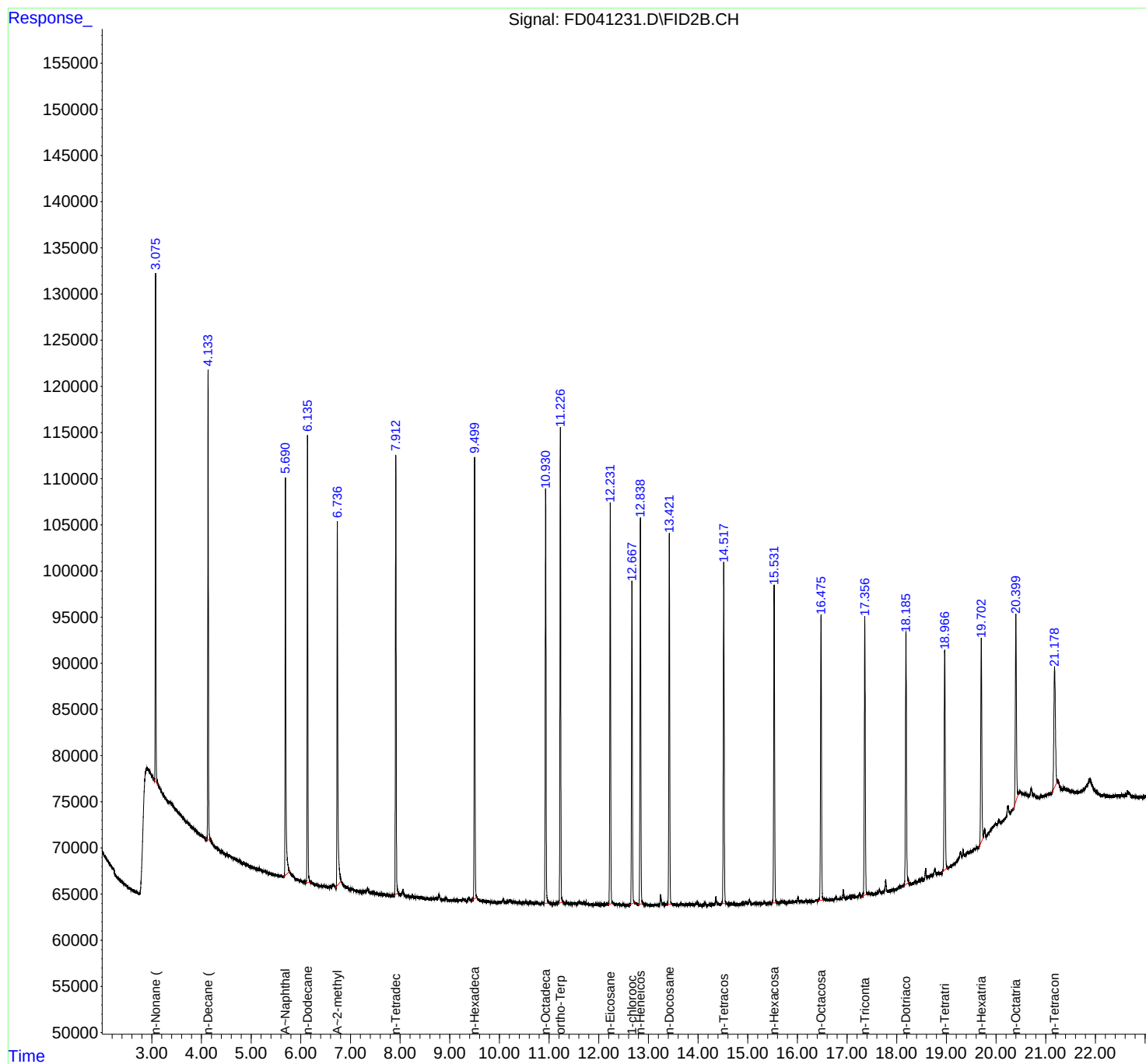
(m)=manual int.

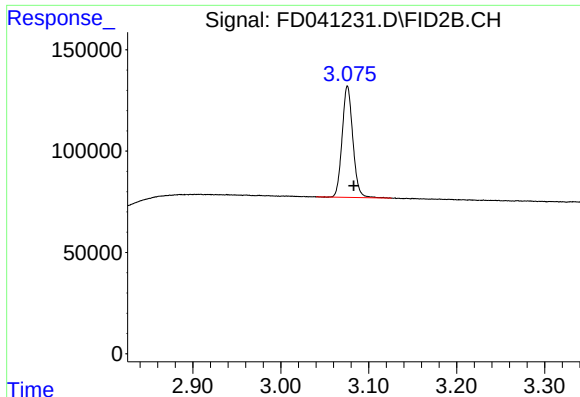
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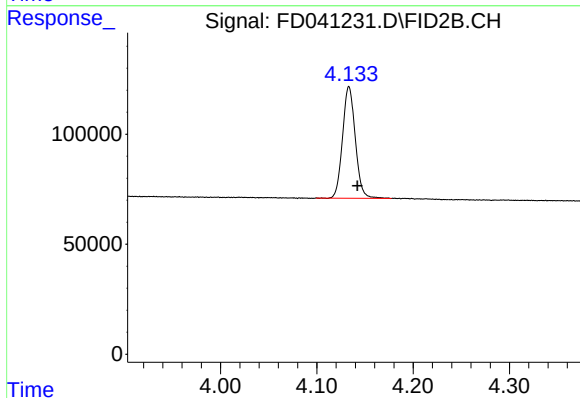




#1 n-Nonane (C9)

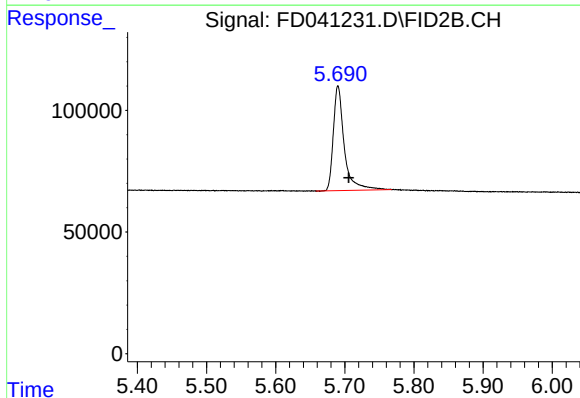
R.T.: 3.076 min
Delta R.T.: -0.007 min
Response: 465656
Conc: 20.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



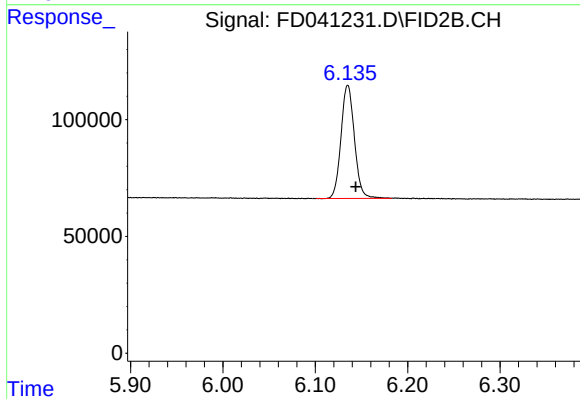
#2 n-Decane (C10)

R.T.: 4.133 min
Delta R.T.: -0.009 min
Response: 466249
Conc: 20.72 ug/ml



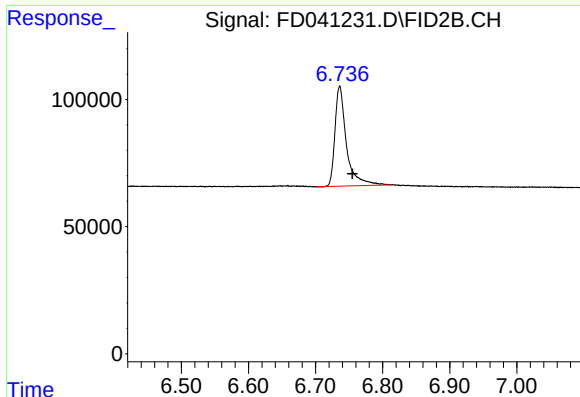
#3 A~Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.015 min
Response: 474398
Conc: 21.35 ug/ml



#4 n-Dodecane (C12)

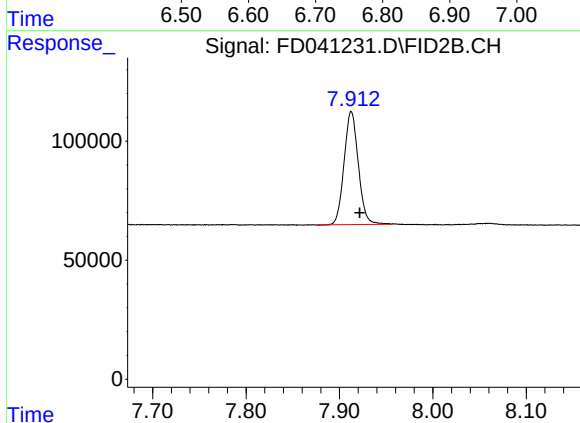
R.T.: 6.135 min
Delta R.T.: -0.009 min
Response: 489945
Conc: 21.34 ug/ml



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

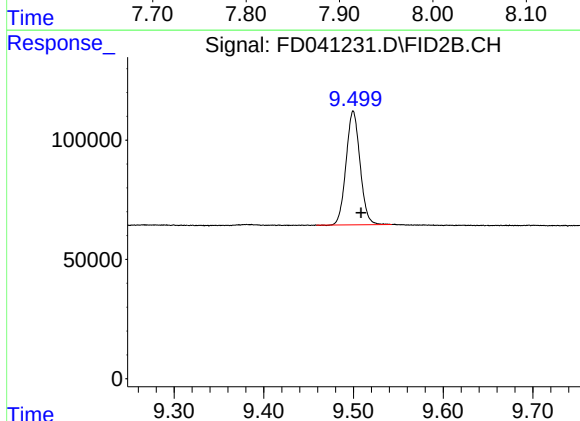
R.T.: 6.736 min
Delta R.T.: -0.019 min
Response: 467747
Conc: 21.77 ug/ml

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20 PPM ALIPHATIC HC STD



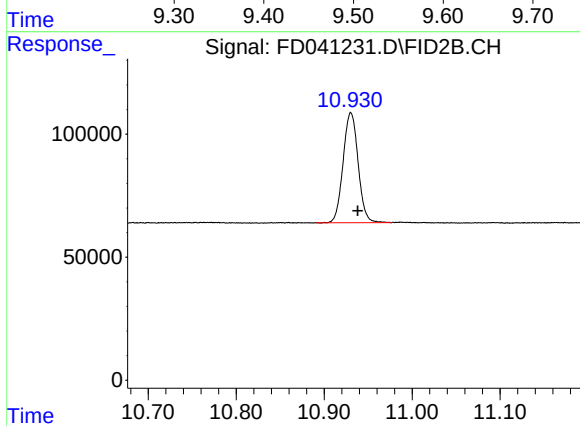
#6 n-Tetradecane (C14)

R.T.: 7.913 min
Delta R.T.: -0.009 min
Response: 503495
Conc: 21.38 ug/ml



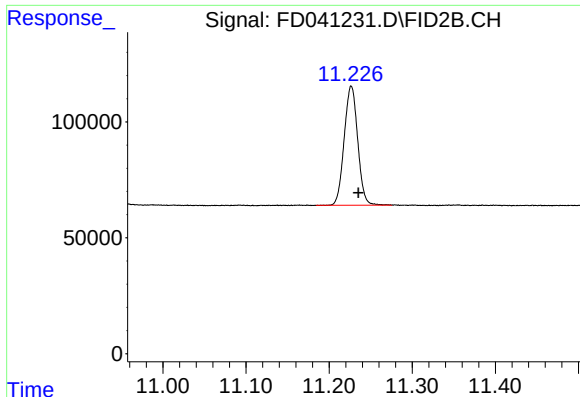
#7 n-Hexadecane (C16)

R.T.: 9.500 min
Delta R.T.: -0.009 min
Response: 516881
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

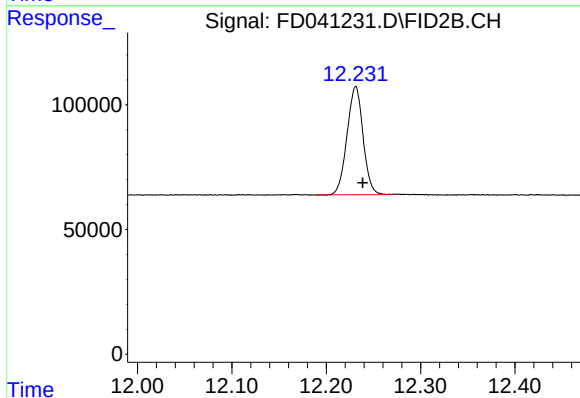
R.T.: 10.930 min
Delta R.T.: -0.008 min
Response: 531614
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

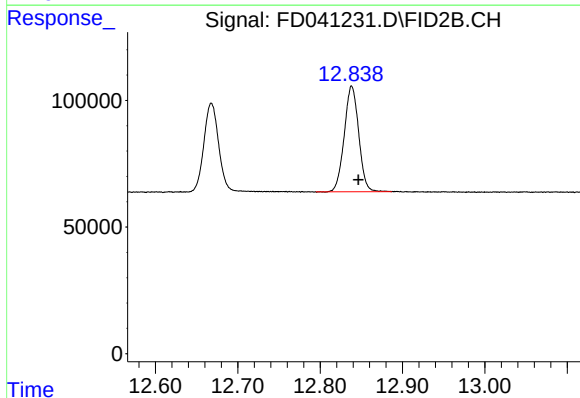
R.T.: 11.227 min
Delta R.T.: -0.009 min
Response: 581097
Conc: 20.79 ug/ml

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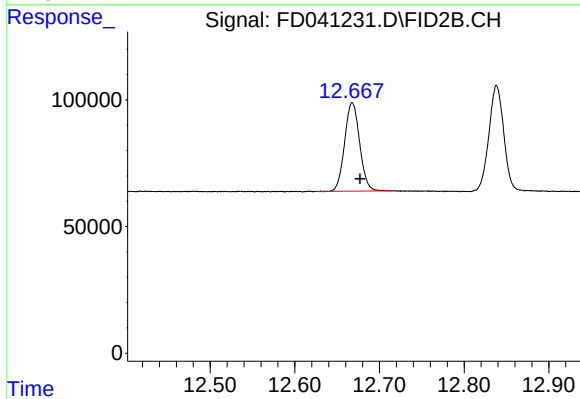
#10 n-Eicosane (C20)

R.T.: 12.231 min
Delta R.T.: -0.007 min
Response: 513729
Conc: 20.51 ug/ml



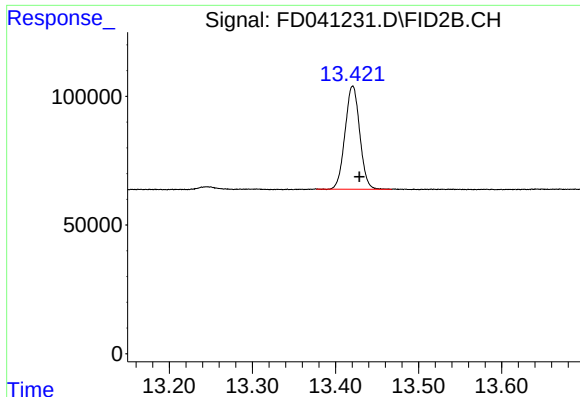
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: -0.008 min
Response: 509932
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

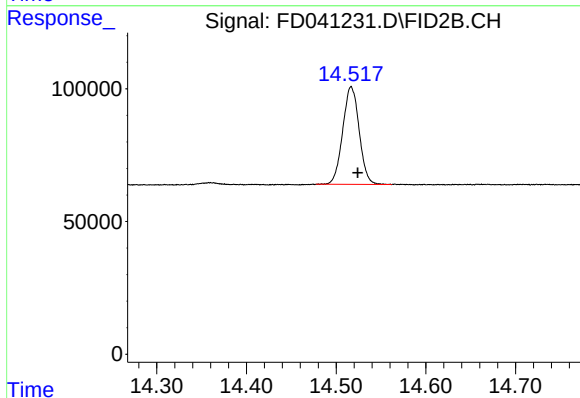
R.T.: 12.668 min
Delta R.T.: -0.009 min
Response: 432086
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

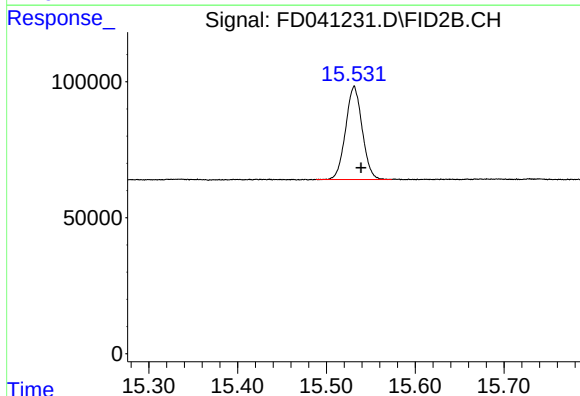
R.T.: 13.421 min
Delta R.T.: -0.008 min
Response: 492819
Conc: 19.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



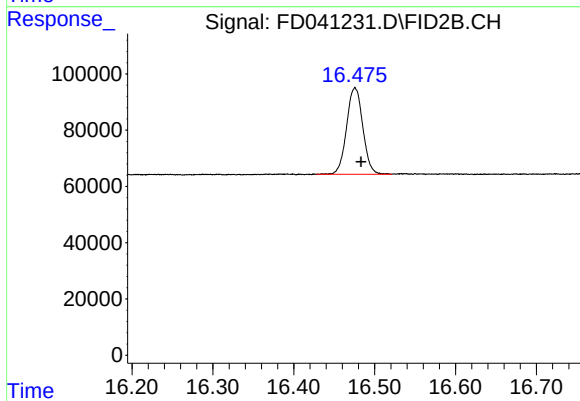
#14 n-Tetracosane (C24)

R.T.: 14.517 min
Delta R.T.: -0.007 min
Response: 470885
Conc: 18.96 ug/ml



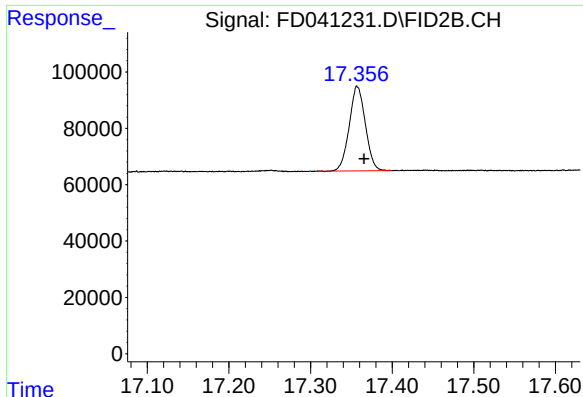
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: -0.008 min
Response: 444039
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

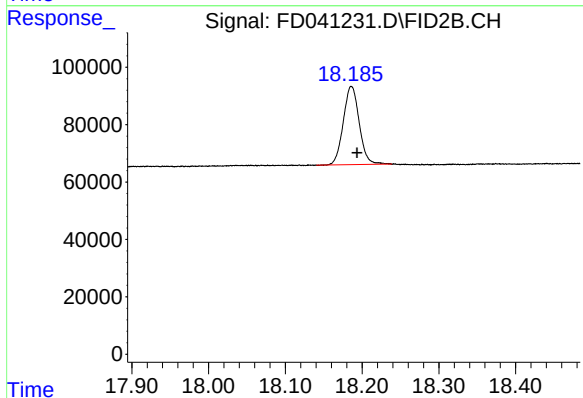
R.T.: 16.476 min
Delta R.T.: -0.007 min
Response: 427296
Conc: 17.75 ug/ml



#17 n-Tricontane (C30)

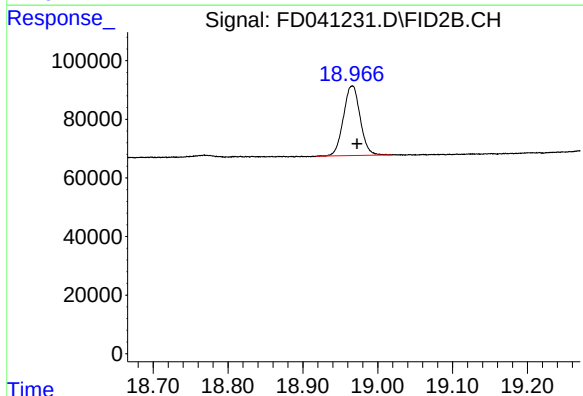
R.T.: 17.357 min
Delta R.T.: -0.008 min
Response: 412215
Conc: 17.30 ug/ml

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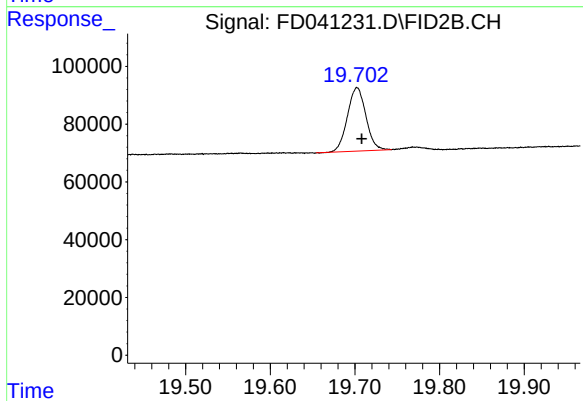
#18 n-Dotriacontane (C32)

R.T.: 18.186 min
Delta R.T.: -0.007 min
Response: 394478
Conc: 17.59 ug/ml



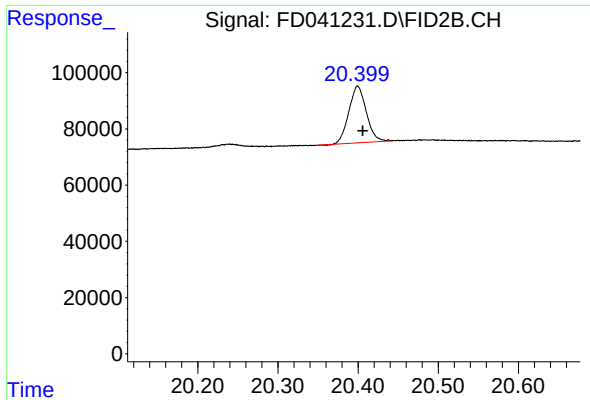
#19 n-Tetratriacontane (C34)

R.T.: 18.966 min
Delta R.T.: -0.006 min
Response: 370706
Conc: 17.20 ug/ml



#20 n-Hexatriacontane (C36)

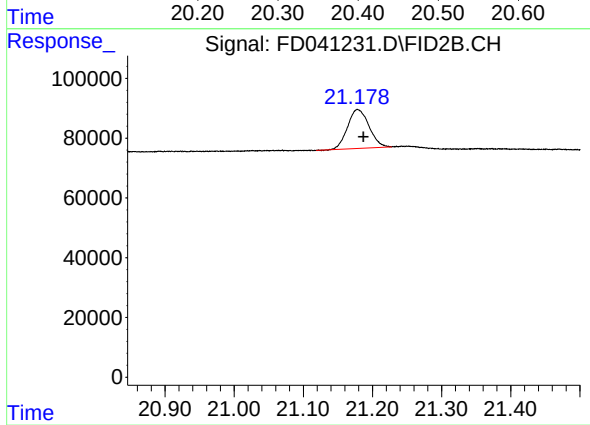
R.T.: 19.703 min
Delta R.T.: -0.005 min
Response: 333477
Conc: 16.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.006 min
Response: 304957
Conc: 16.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.178 min
Delta R.T.: -0.009 min
Response: 280223
Conc: 14.48 ug/ml