

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022120AL\
 Data File : FC045910.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2020 2:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 22 03:17:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.758	2379441	20.858 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
12) S 1-chlorooctadecane (S...	13.178	1864781	20.787 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	3.531	2119477	21.026 ug/ml
2) T n-Decane (C10)	4.601	2120560	21.024 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2333793	21.018 ug/ml
4) T n-Dodecane (C12)	6.612	2146940	21.044 ug/ml
5) T A~2-methylnaphthalene...	7.252	2362513	21.239 ug/ml
6) T n-Tetradecane (C14)	8.399	2144175	20.946 ug/ml
7) T n-Hexadecane (C16)	9.992	2162908	20.890 ug/ml
8) T n-Octadecane (C18)	11.428	2187927	20.813 ug/ml
10) T n-Eicosane (C20)	12.732	2199040	20.802 ug/ml
11) T n-Heneicosane (C21)	13.342	2215919	20.776 ug/ml
13) T n-Docosane (C22)	13.926	2207220	20.772 ug/ml
14) T n-Tetracosane (C24)	15.024	2218347	20.727 ug/ml
15) T n-Hexacosane (C26)	16.041	2199735	20.697 ug/ml
16) T n-Octacosane (C28)	16.987	2157326	20.605 ug/ml
17) T n-Tricontane (C30)	17.872	2069350	20.535 ug/ml
18) T n-Dotriacontane (C32)	18.700	1744796	20.387 ug/ml
19) T n-Tetratriacontane (C34)	19.479	1482162	20.421 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1354288	20.025 ug/ml
21) T n-Octatriacontane (C38)	20.978	1238140	20.485 ug/ml
22) T n-Tetracontane (C40)	21.941	1254440	19.953 ug/ml

(f)=RT Delta > 1/2 Window

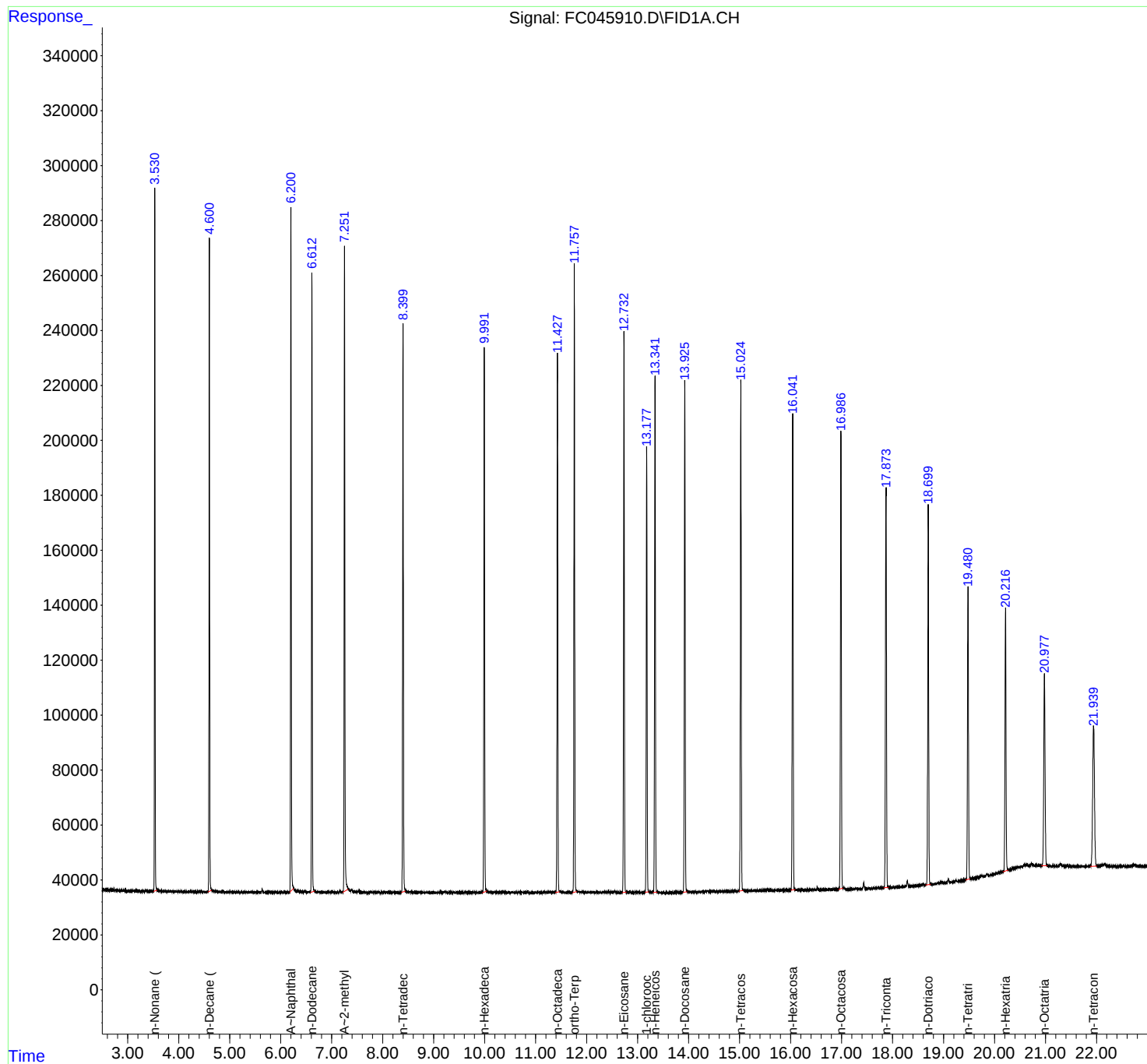
(m)=manual int.

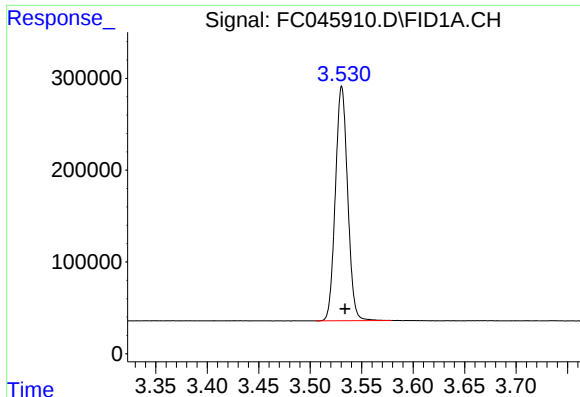
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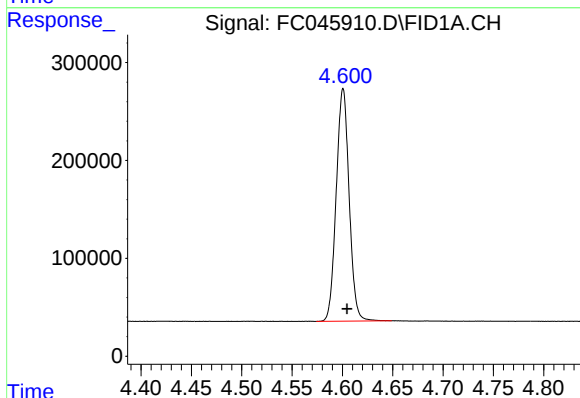




#1 n-Nonane (C9)

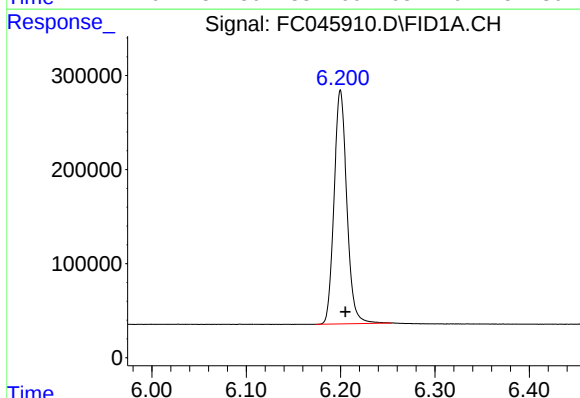
R.T.: 3.531 min
Delta R.T.: -0.003 min
Response: 2119477
Conc: 21.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



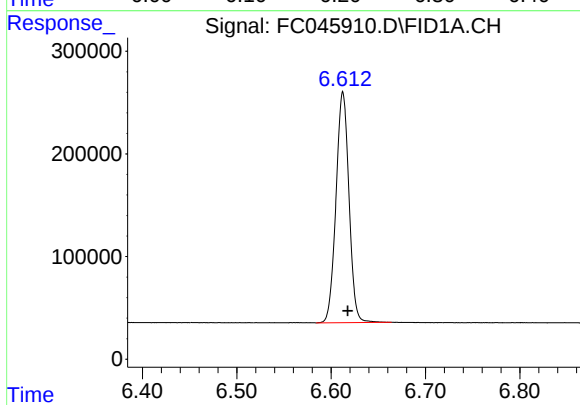
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 2120560
Conc: 21.02 ug/ml



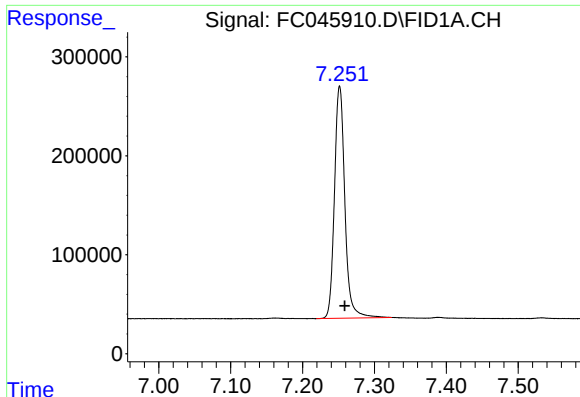
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 2333793
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

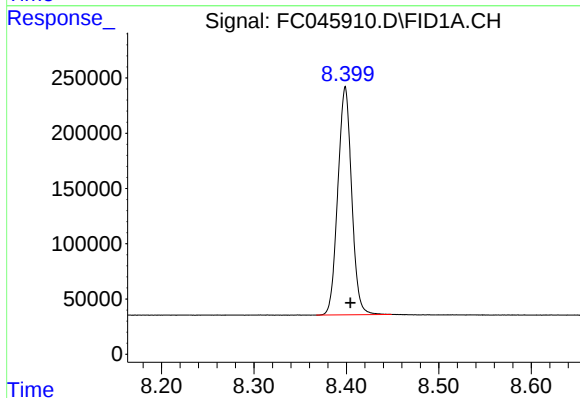
R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 2146940
Conc: 21.04 ug/ml



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

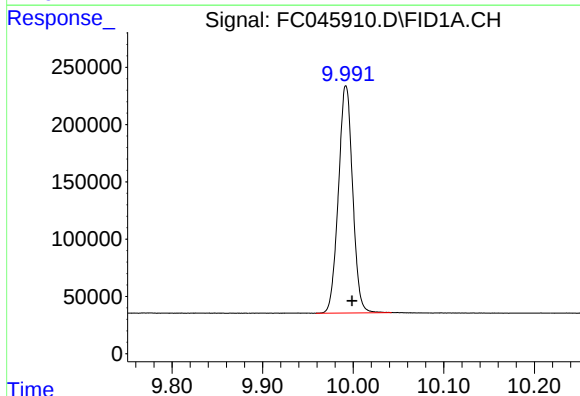
R.T.: 7.252 min
Delta R.T.: -0.007 min
Response: 2362513
Conc: 21.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



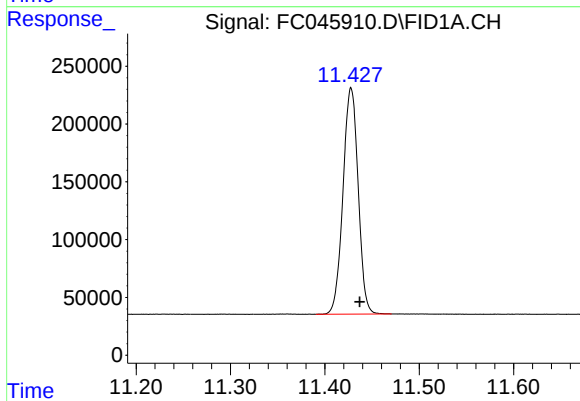
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.006 min
Response: 2144175
Conc: 20.95 ug/ml



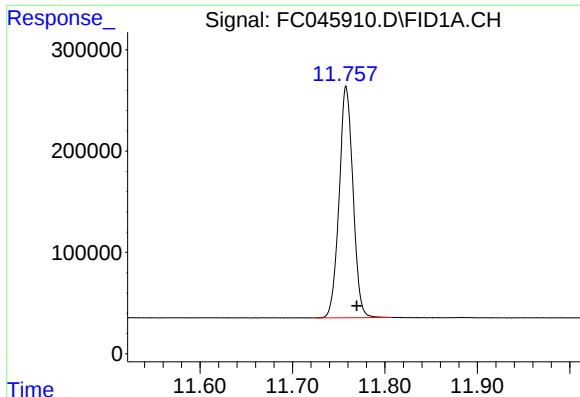
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.007 min
Response: 2162908
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

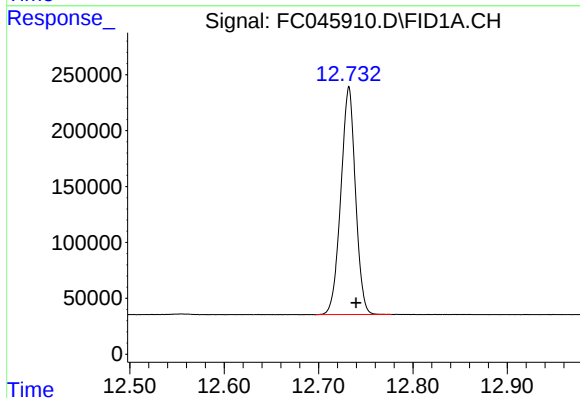
R.T.: 11.428 min
Delta R.T.: -0.009 min
Response: 2187927
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

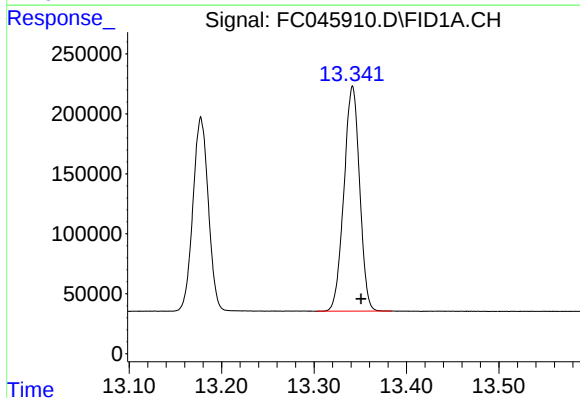
R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 2379441
Conc: 20.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



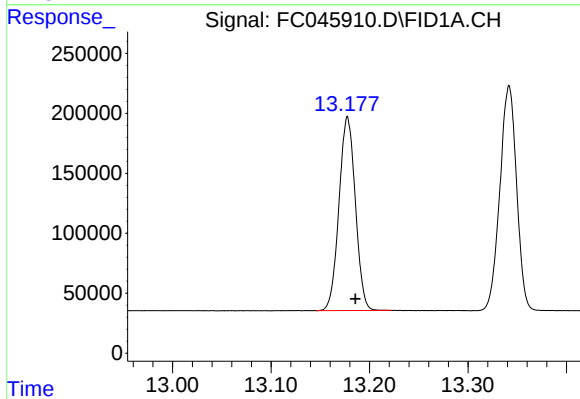
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: -0.008 min
Response: 2199040
Conc: 20.80 ug/ml



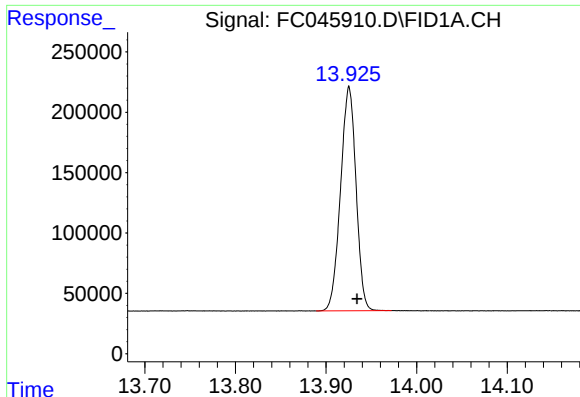
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: -0.009 min
Response: 2215919
Conc: 20.78 ug/ml



#12 1-chlorooctadecane (SURR)

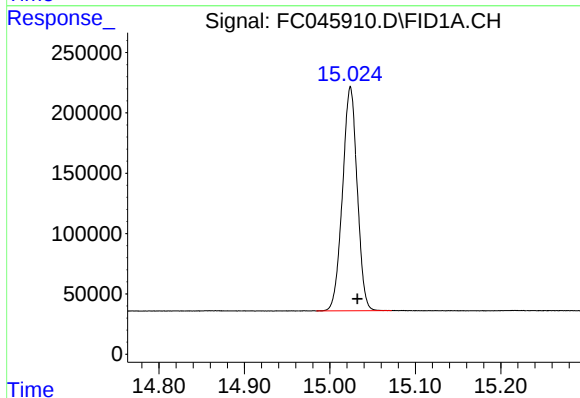
R.T.: 13.178 min
Delta R.T.: -0.008 min
Response: 1864781
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

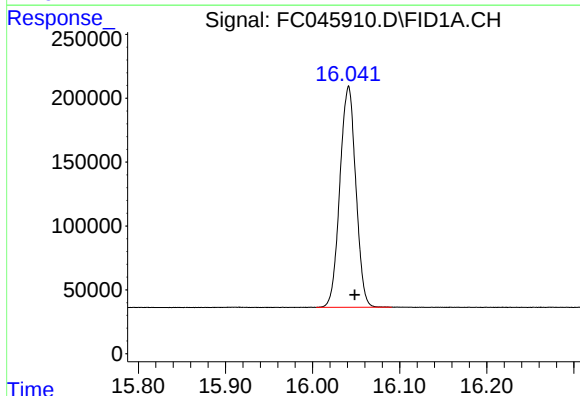
R.T.: 13.926 min
Delta R.T.: -0.009 min
Response: 2207220
Conc: 20.77 ug/ml

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20 PPM ALIPHATIC HC STD



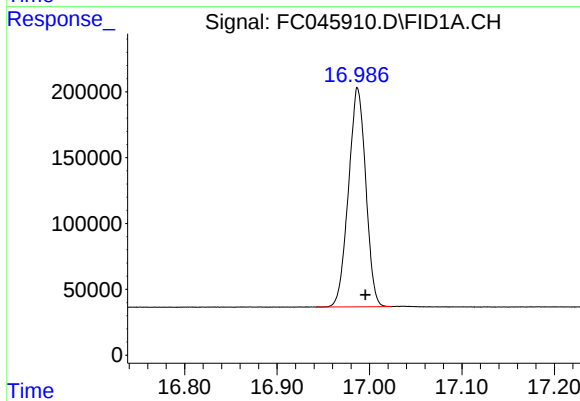
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.008 min
Response: 2218347
Conc: 20.73 ug/ml



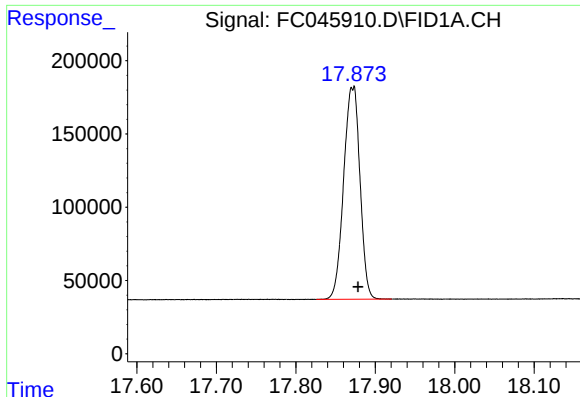
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: -0.007 min
Response: 2199735
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

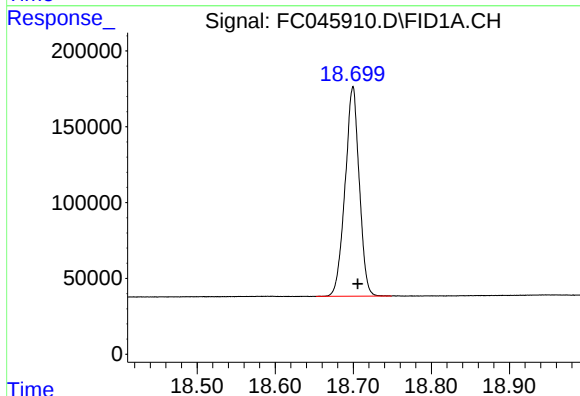
R.T.: 16.987 min
Delta R.T.: -0.009 min
Response: 2157326
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

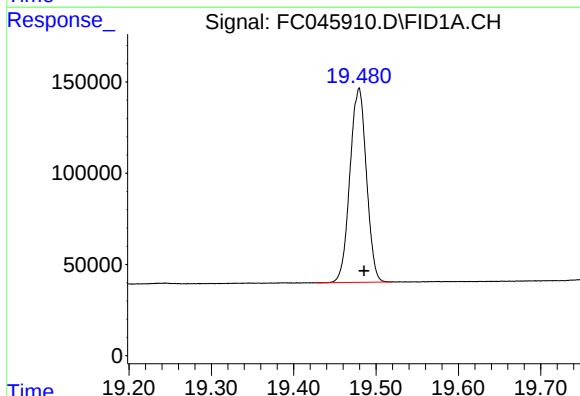
R.T.: 17.872 min
Delta R.T.: -0.006 min
Response: 2069350
Conc: 20.53 ug/ml

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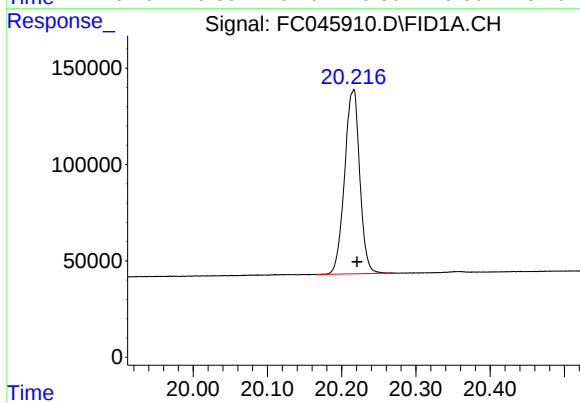
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 1744796
Conc: 20.39 ug/ml



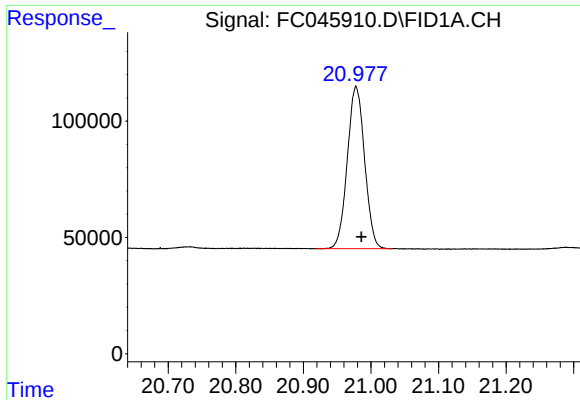
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: -0.006 min
Response: 1482162
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

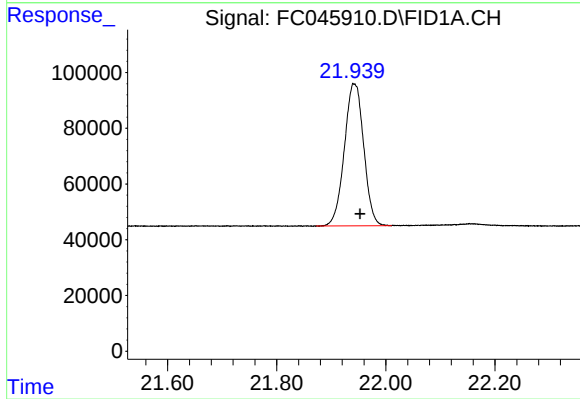
R.T.: 20.216 min
Delta R.T.: -0.005 min
Response: 1354288
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.978 min
Delta R.T.: -0.008 min
Response: 1238140
Conc: 20.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.011 min
Response: 1254440
Conc: 19.95 ug/ml