

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AL\
 Data File : FD040797.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 22:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 27 02:12:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.603	2723525	17.664 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
12) S 1-chlorooctadecane (S...	12.043	2052230	17.435 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	2.562	2446595	19.057 ug/ml
2) T n-Decane (C10)	3.547	2469119	19.175 ug/ml
3) T A~Naphthalene (C11.7)	5.075	2743727	19.312 ug/ml
4) T n-Dodecane (C12)	5.513	2475389	19.367 ug/ml
5) T A~2-methylnaphthalene...	6.114	2746994	19.472 ug/ml
6) T n-Tetradecane (C14)	7.288	2520080	19.454 ug/ml
7) T n-Hexadecane (C16)	8.874	2510387	19.269 ug/ml
8) T n-Octadecane (C18)	10.305	2524414	18.630 ug/ml
10) T n-Eicosane (C20)	11.605	2425618	17.833 ug/ml
11) T n-Heneicosane (C21)	12.212	2408773	17.395 ug/ml
13) T n-Docosane (C22)	12.795	2346409	17.017 ug/ml
14) T n-Tetracosane (C24)	13.890	2266755	16.211 ug/ml
15) T n-Hexacosane (C26)	14.904	2183360	15.839 ug/ml
16) T n-Octacosane (C28)	15.849	2178573	16.056 ug/ml
17) T n-Tricontane (C30)	16.730	2185885	16.771 ug/ml
18) T n-Dotriacontane (C32)	17.559	2103468	17.596 ug/ml
19) T n-Tetratriacontane (C34)	18.337	2015947	19.146 ug/ml
20) T n-Hexatriacontane (C36)	19.074	1872524	18.479 ug/ml
21) T n-Octatriacontane (C38)	19.773	1957895	21.914 ug/ml
22) T n-Tetracontane (C40)	20.564	1979267	23.154 ug/ml

(f)=RT Delta > 1/2 Window

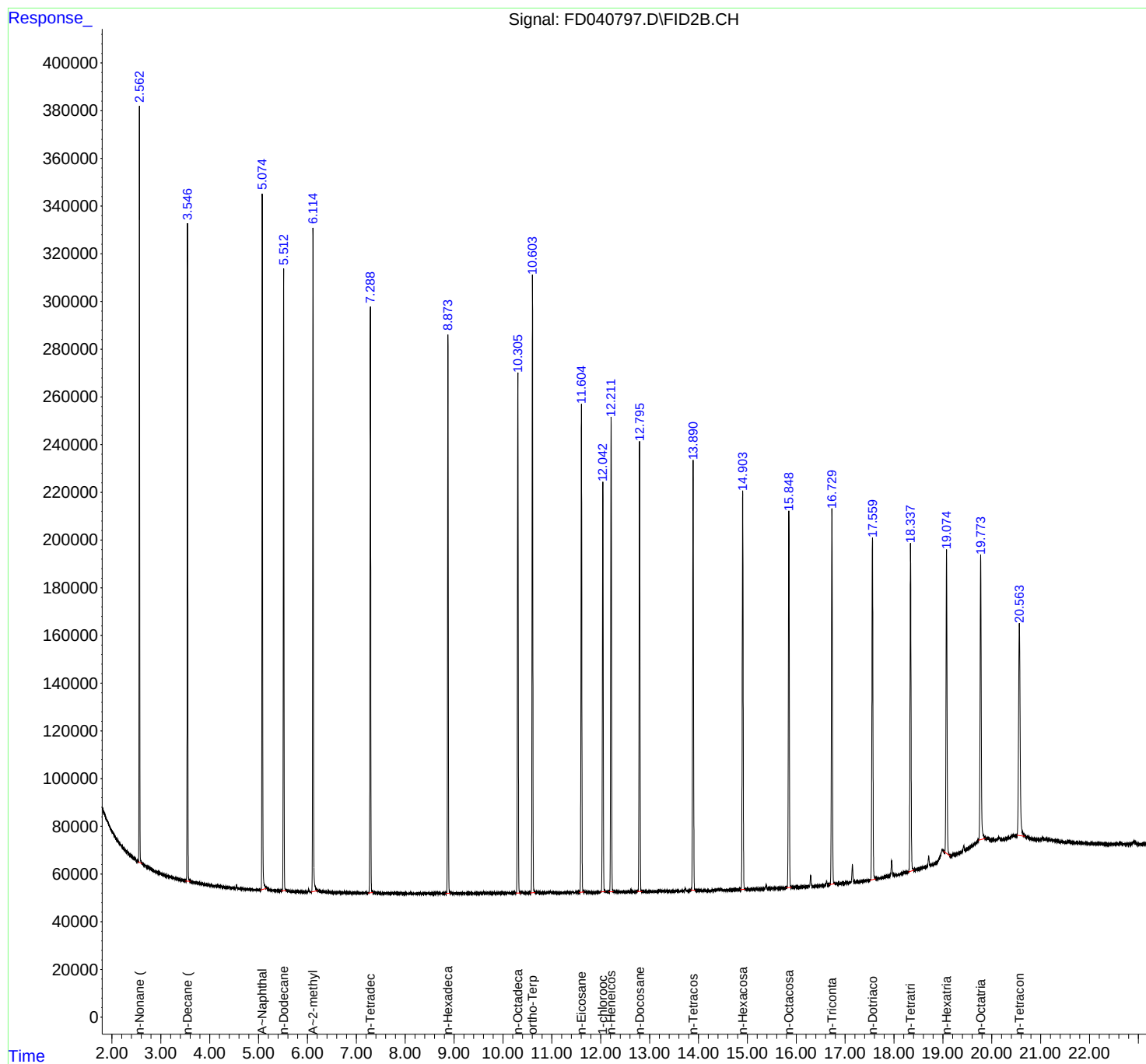
(m)=manual int.

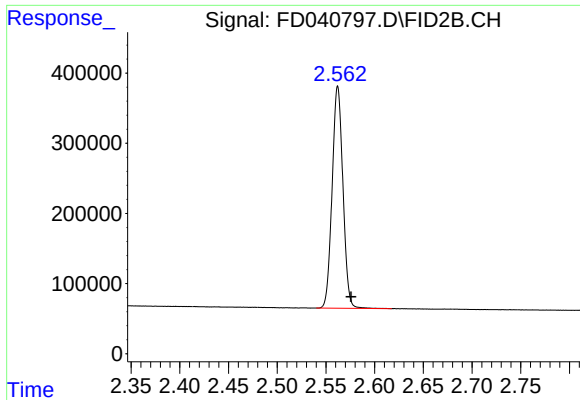
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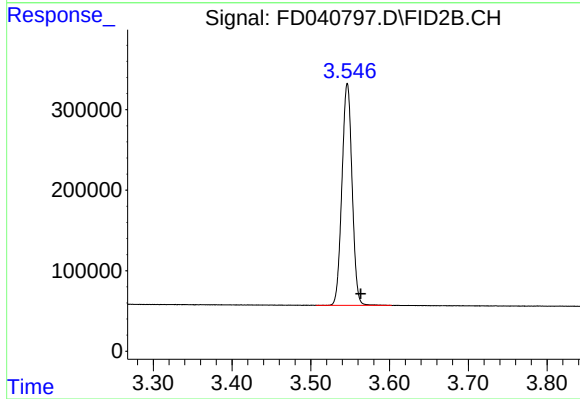




#1 n-Nonane (C9)

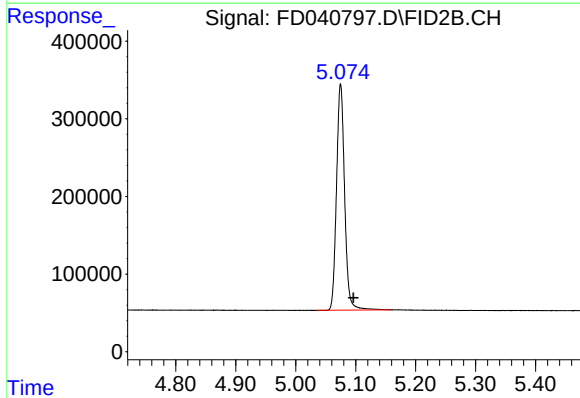
R.T.: 2.562 min
Delta R.T.: -0.014 min
Response: 2446595
Conc: 19.06 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



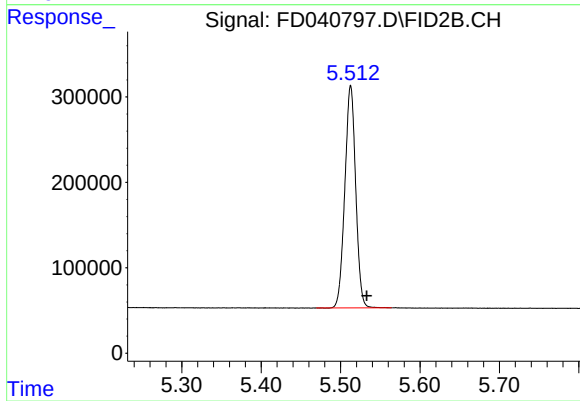
#2 n-Decane (C10)

R.T.: 3.547 min
Delta R.T.: -0.017 min
Response: 2469119
Conc: 19.18 ug/ml



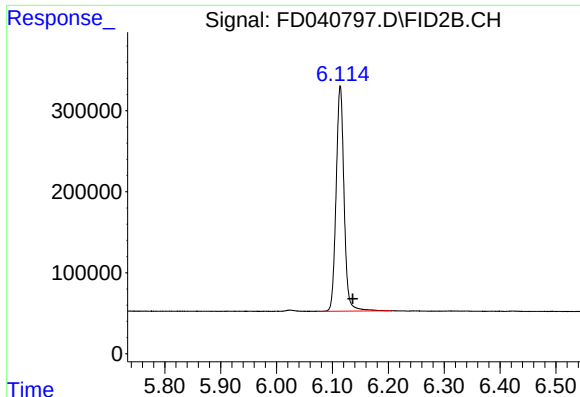
#3 A~Naphthalene (C11.7)

R.T.: 5.075 min
Delta R.T.: -0.021 min
Response: 2743727
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

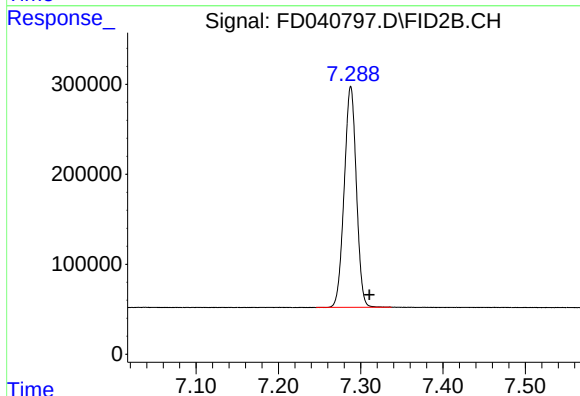
R.T.: 5.513 min
Delta R.T.: -0.020 min
Response: 2475389
Conc: 19.37 ug/ml



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

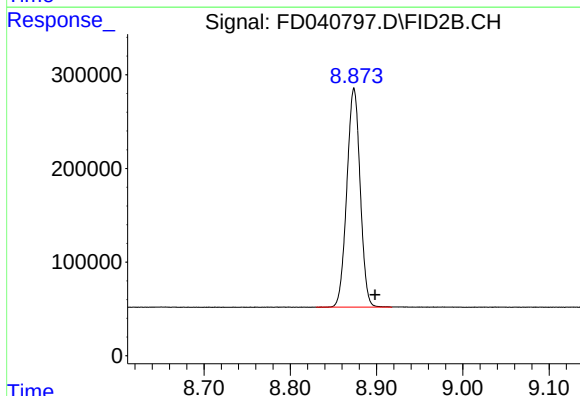
R.T.: 6.114 min
Delta R.T.: -0.022 min
Response: 2746994
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



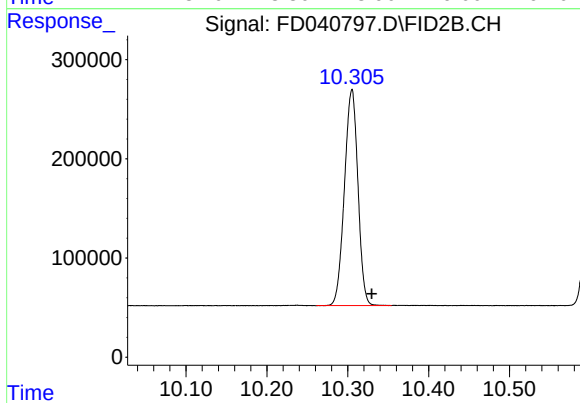
#6 n-Tetradecane (C14)

R.T.: 7.288 min
Delta R.T.: -0.023 min
Response: 2520080
Conc: 19.45 ug/ml



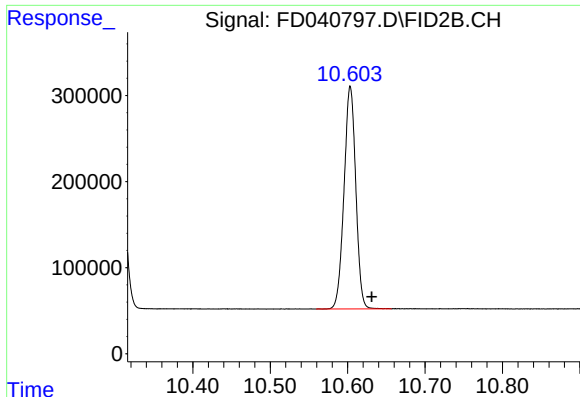
#7 n-Hexadecane (C16)

R.T.: 8.874 min
Delta R.T.: -0.024 min
Response: 2510387
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

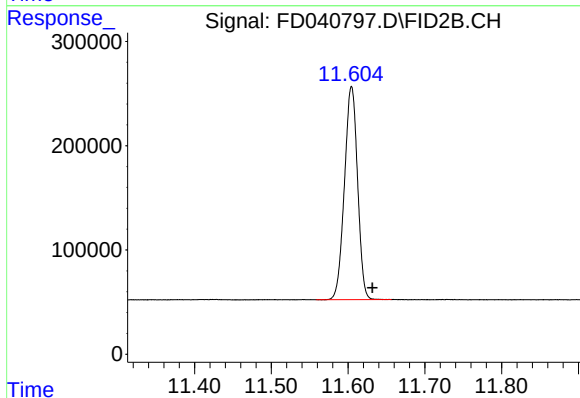
R.T.: 10.305 min
Delta R.T.: -0.025 min
Response: 2524414
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

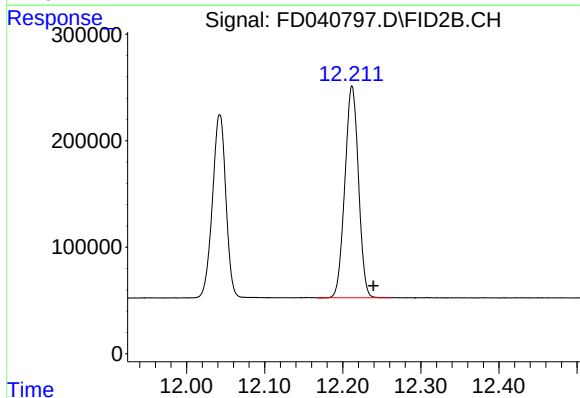
R.T.: 10.603 min
Delta R.T.: -0.028 min
Response: 2723525
Conc: 17.66 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



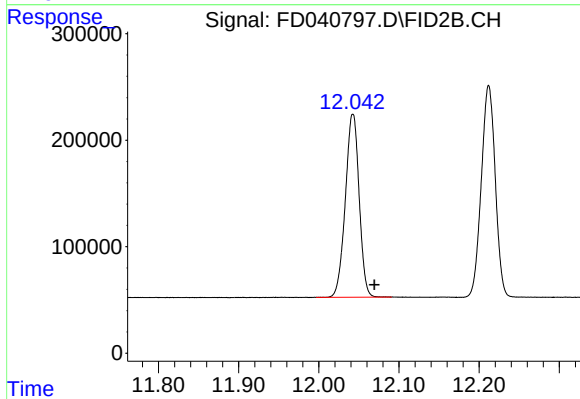
#10 n-Eicosane (C20)

R.T.: 11.605 min
Delta R.T.: -0.027 min
Response: 2425618
Conc: 17.83 ug/ml



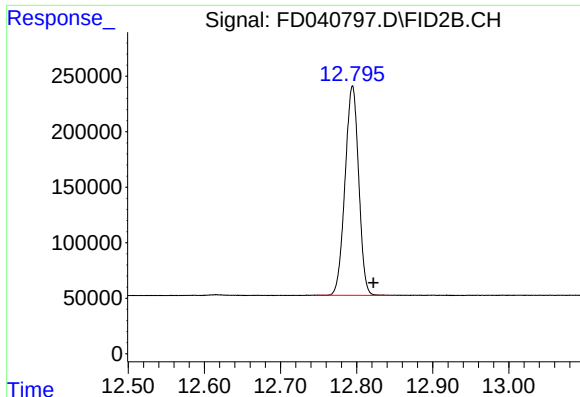
#11 n-Heneicosane (C21)

R.T.: 12.212 min
Delta R.T.: -0.028 min
Response: 2408773
Conc: 17.39 ug/ml



#12 1-chlorooctadecane (SURR)

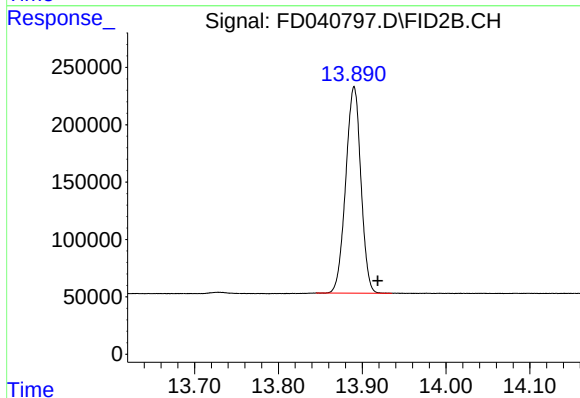
R.T.: 12.043 min
Delta R.T.: -0.027 min
Response: 2052230
Conc: 17.44 ug/ml



#13 n-Docosane (C22)

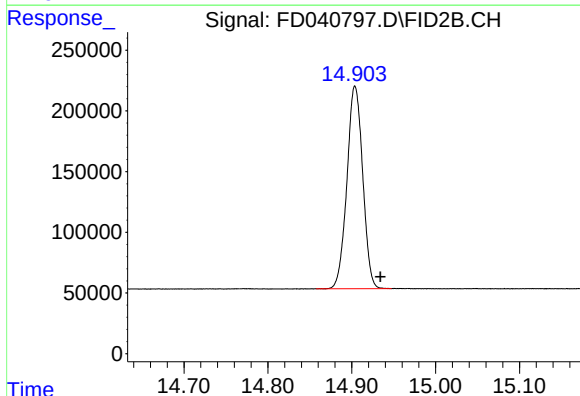
R.T.: 12.795 min
Delta R.T.: -0.027 min
Response: 2346409
Conc: 17.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



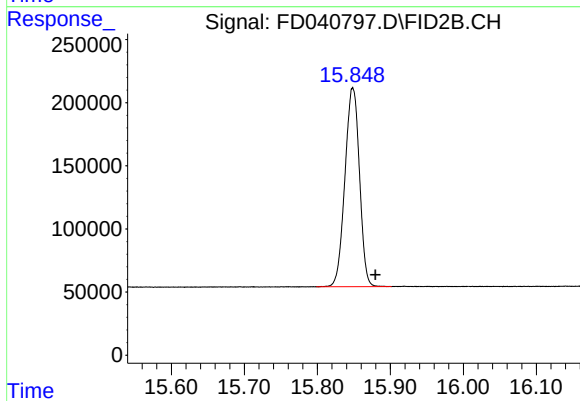
#14 n-Tetracosane (C24)

R.T.: 13.890 min
Delta R.T.: -0.028 min
Response: 2266755
Conc: 16.21 ug/ml



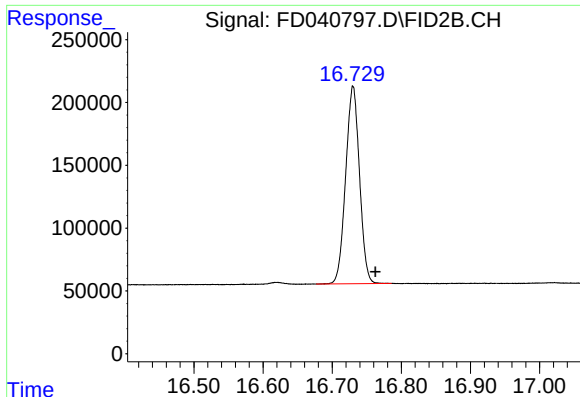
#15 n-Hexacosane (C26)

R.T.: 14.904 min
Delta R.T.: -0.030 min
Response: 2183360
Conc: 15.84 ug/ml



#16 n-Octacosane (C28)

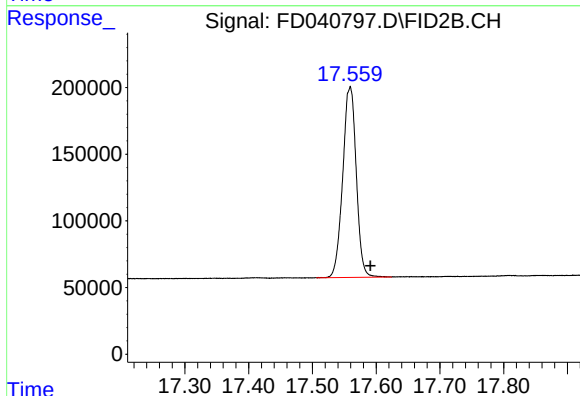
R.T.: 15.849 min
Delta R.T.: -0.031 min
Response: 2178573
Conc: 16.06 ug/ml



#17 n-Tricontane (C30)

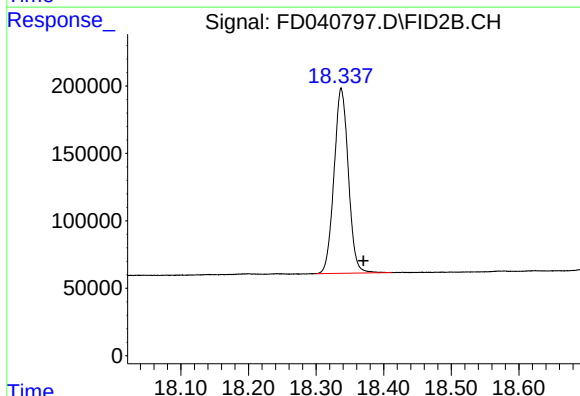
R.T.: 16.730 min
Delta R.T.: -0.032 min
Response: 2185885
Conc: 16.77 ug/ml

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FID_D
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20 PPM ALIPHATIC HC STD



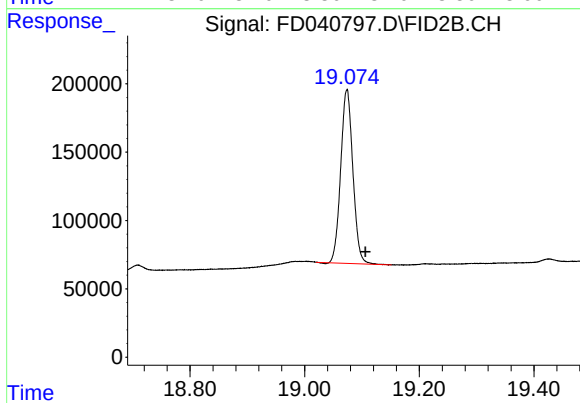
#18 n-Dotriacontane (C32)

R.T.: 17.559 min
Delta R.T.: -0.032 min
Response: 2103468
Conc: 17.60 ug/ml



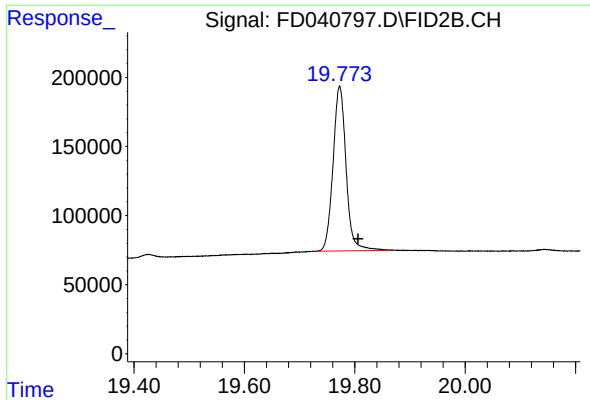
#19 n-Tetratriacontane (C34)

R.T.: 18.337 min
Delta R.T.: -0.033 min
Response: 2015947
Conc: 19.15 ug/ml



#20 n-Hexatriacontane (C36)

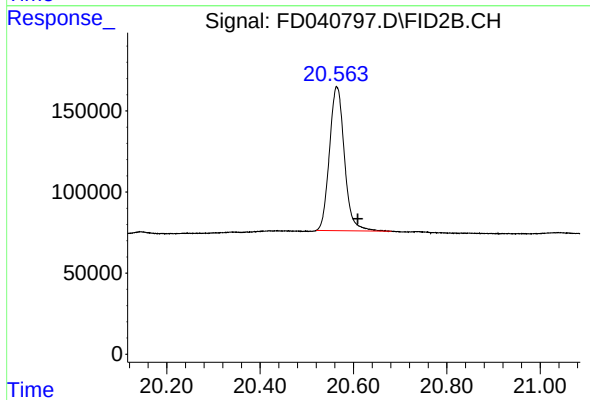
R.T.: 19.074 min
Delta R.T.: -0.033 min
Response: 1872524
Conc: 18.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.773 min
Delta R.T.: -0.033 min
Response: 1957895
Conc: 21.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.564 min
Delta R.T.: -0.045 min
Response: 1979267
Conc: 23.15 ug/ml