

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040270.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 21:45
 Operator : AJ\MA
 Sample : M5241-04MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 00:50:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 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)	10.718	9416686	60.446 ug/ml
Spiked Amount 50.000		Recovery =	120.89%
12) S 1-chlorooctadecane (S...	12.152	6829658	56.631 ug/ml
Spiked Amount 50.000		Recovery =	113.26%
Target Compounds			
1) T n-Nonane (C9)	2.640	3735584	28.466 ug/ml
2) T n-Decane (C10)	3.634	4346041	32.833 ug/ml
3) T A~Naphthalene (C11.7)	5.175	5649901	38.291 ug/ml
4) T n-Dodecane (C12)	5.608	5073712	38.203 ug/ml
5) T A~2-methylnaphthalene...	6.218	6391994	43.076 ug/ml
6) T n-Tetradecane (C14)	7.390	6562272	47.466 ug/ml
7) T n-Hexadecane (C16)	8.977	7799831	56.885 ug/ml
8) T n-Octadecane (C18)	10.411	8024346	56.823 ug/ml
10) T n-Eicosane (C20)	11.713	7265143	51.966 ug/ml
11) T n-Heneicosane (C21)	12.321	7319511	51.733 ug/ml
13) T n-Docosane (C22)	12.904	7045101	50.200 ug/ml
14) T n-Tetracosane (C24)	14.001	6077852	43.288 ug/ml
15) T n-Hexacosane (C26)	15.018	5507478	40.053 ug/ml
16) T n-Octacosane (C28)	15.961	5377879	39.533 ug/ml
17) T n-Tricontane (C30)	16.847	5142921	38.429 ug/ml
18) T n-Dotriacontane (C32)	17.674	4879991	37.700 ug/ml
19) T n-Tetratriacontane (C34)	18.454	4791774	39.522 ug/ml
20) T n-Hexatriacontane (C36)	19.189	4866255	45.662 ug/ml
21) T n-Octatriacontane (C38)	19.896	4495244	48.678 ug/ml
22) T n-Tetracontane (C40)	20.726	3527632	45.304 ug/ml

(f)=RT Delta > 1/2 Window

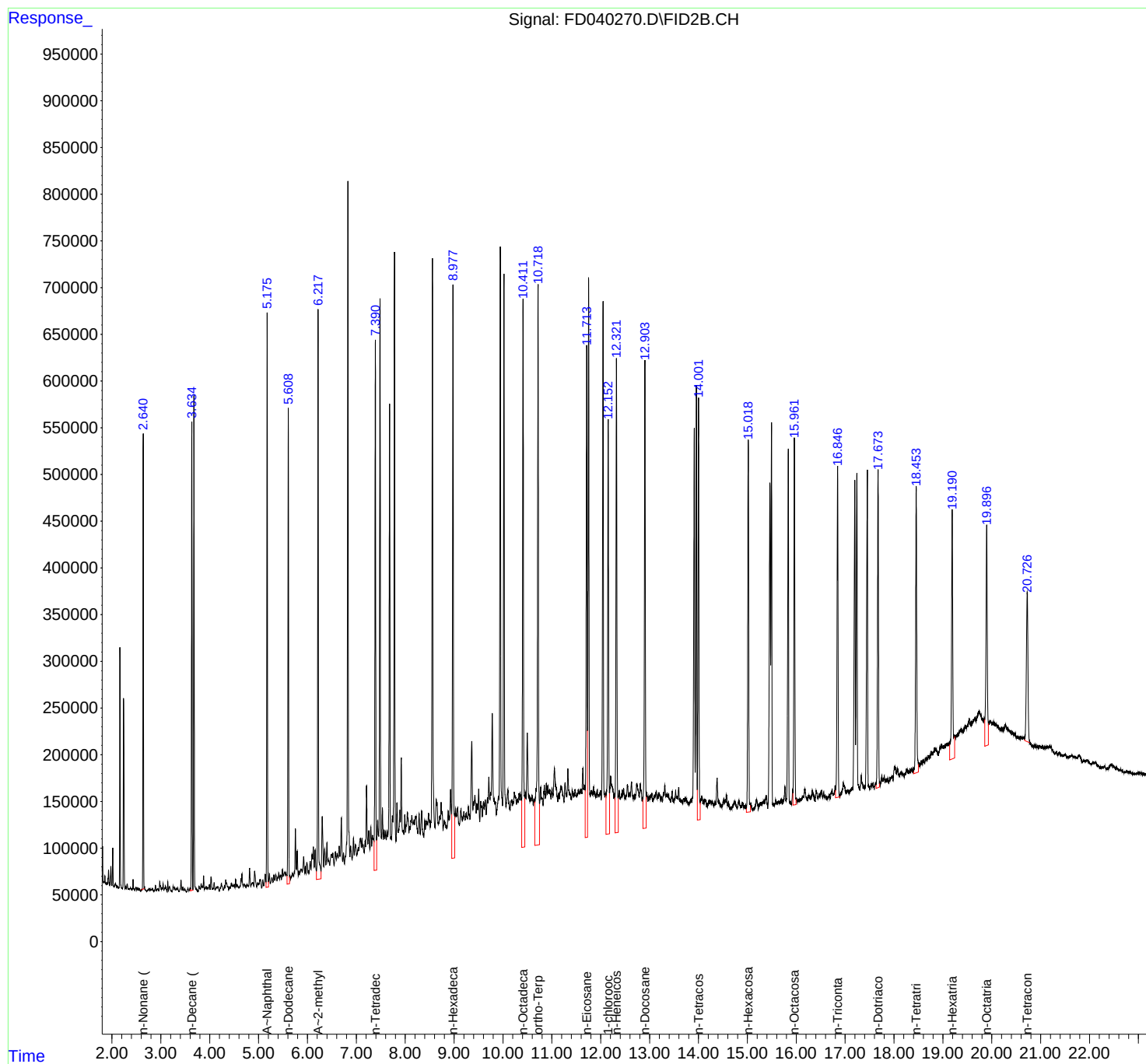
(m)=manual int.

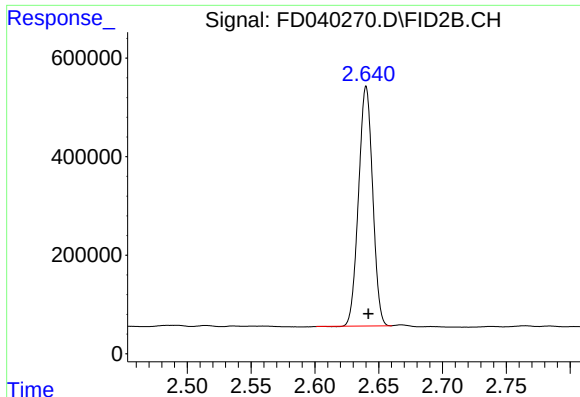
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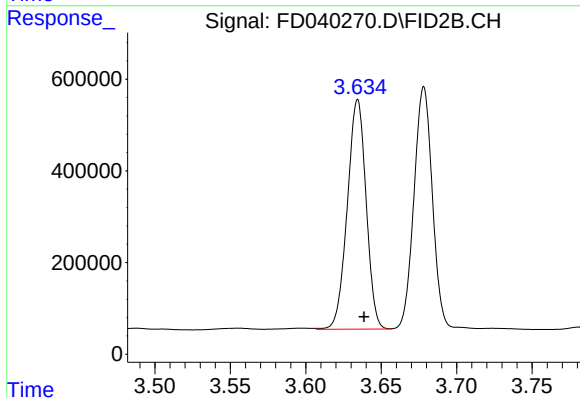




#1 n-Nonane (C9)

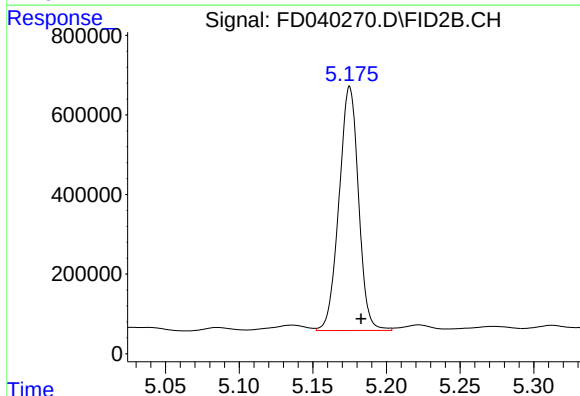
R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 3735584
Conc: 28.47 ug/ml

Instrument :
FID_D
ClientSampleId :



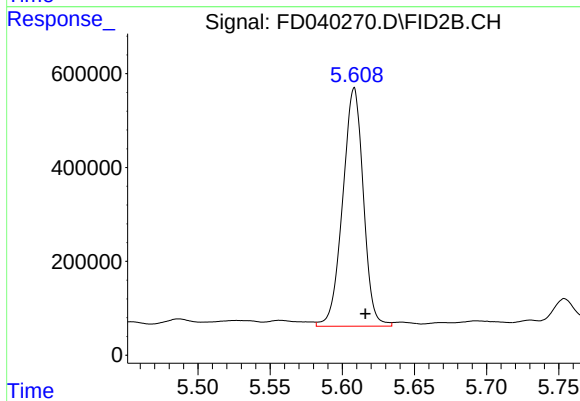
#2 n-Decane (C10)

R.T.: 3.634 min
Delta R.T.: -0.004 min
Response: 4346041
Conc: 32.83 ug/ml



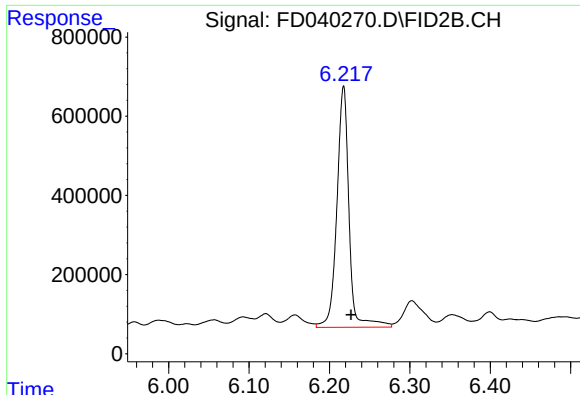
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 5649901
Conc: 38.29 ug/ml



#4 n-Dodecane (C12)

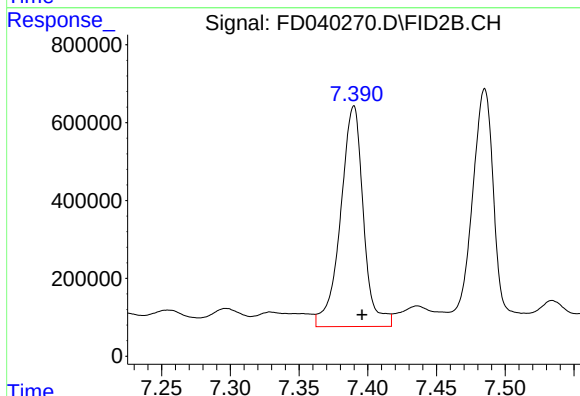
R.T.: 5.608 min
Delta R.T.: -0.008 min
Response: 5073712
Conc: 38.20 ug/ml



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

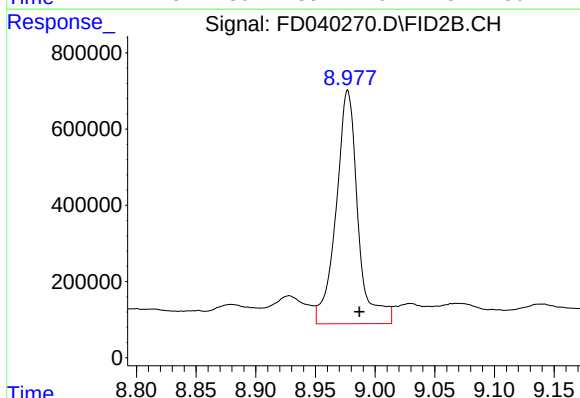
R.T.: 6.218 min
Delta R.T.: -0.009 min
Response: 6391994
Conc: 43.08 ug/ml

Instrument :
FID_D
ClientSampleId :



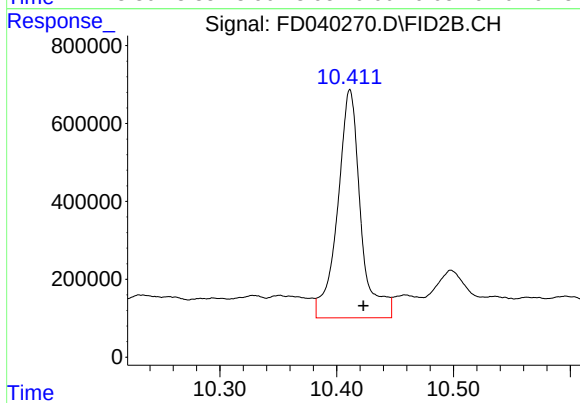
#6 n-Tetradecane (C14)

R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 6562272
Conc: 47.47 ug/ml



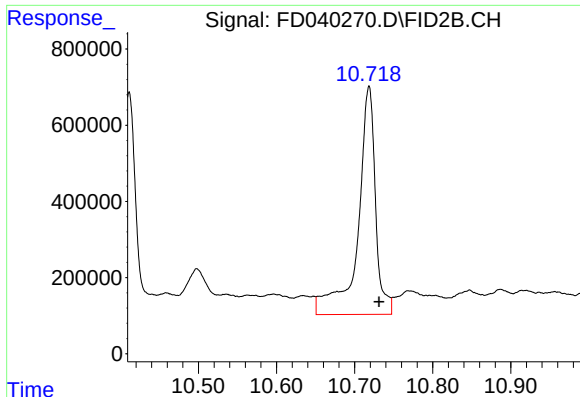
#7 n-Hexadecane (C16)

R.T.: 8.977 min
Delta R.T.: -0.010 min
Response: 7799831
Conc: 56.88 ug/ml



#8 n-Octadecane (C18)

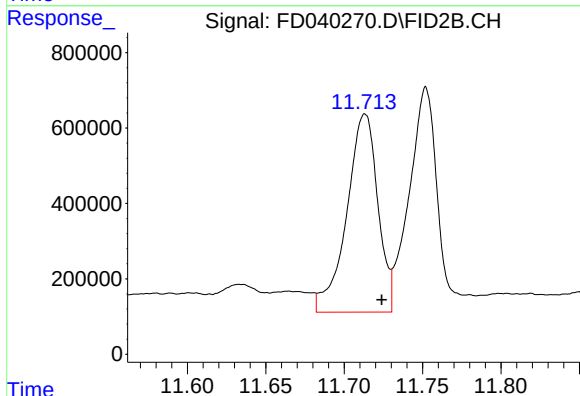
R.T.: 10.411 min
Delta R.T.: -0.011 min
Response: 8024346
Conc: 56.82 ug/ml



#9 ortho-Terphenyl (SURR)

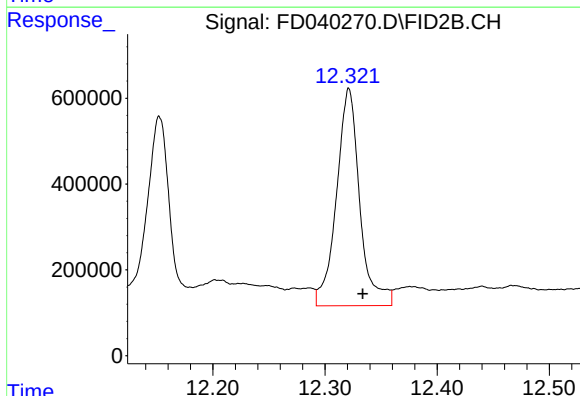
R.T.: 10.718 min
Delta R.T.: -0.013 min
Response: 9416686
Conc: 60.45 ug/ml

Instrument :
FID_D
ClientSampleId :



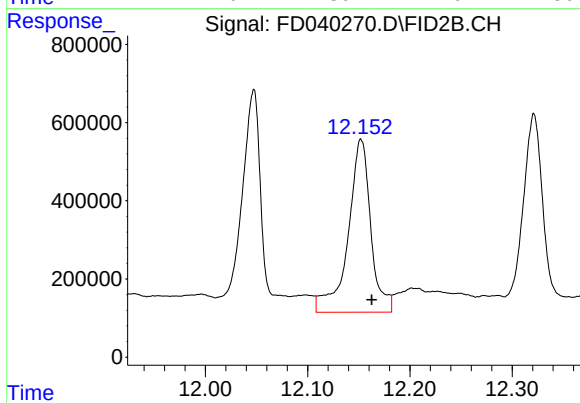
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.011 min
Response: 7265143
Conc: 51.97 ug/ml



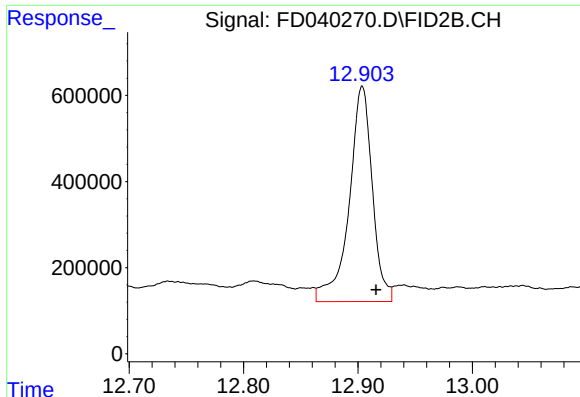
#11 n-Heneicosane (C21)

R.T.: 12.321 min
Delta R.T.: -0.012 min
Response: 7319511
Conc: 51.73 ug/ml



#12 1-chlorooctadecane (SURR)

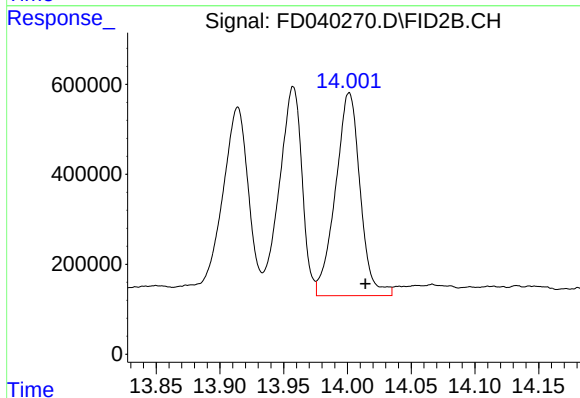
R.T.: 12.152 min
Delta R.T.: -0.011 min
Response: 6829658
Conc: 56.63 ug/ml



#13 n-Docosane (C22)

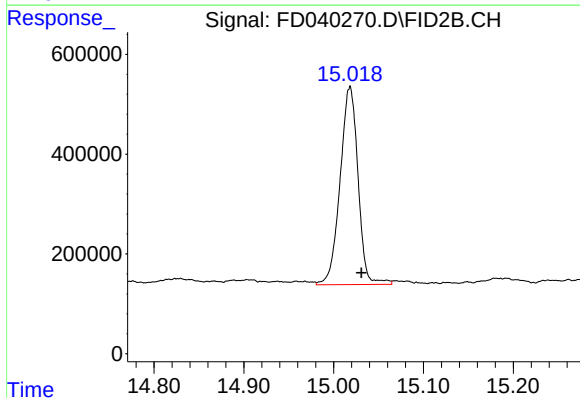
R.T.: 12.904 min
Delta R.T.: -0.012 min
Response: 7045101
Conc: 50.20 ug/ml

Instrument :
FID_D
ClientSampleId :



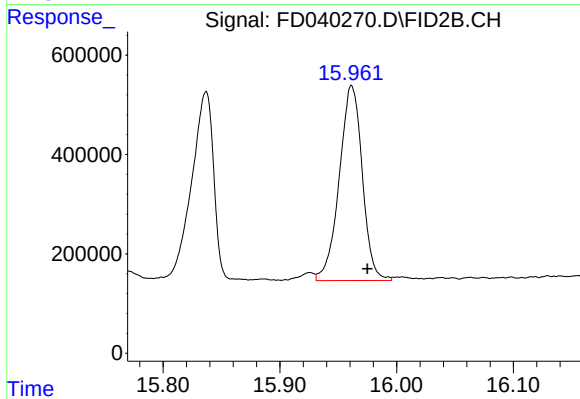
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: -0.013 min
Response: 6077852
Conc: 43.29 ug/ml



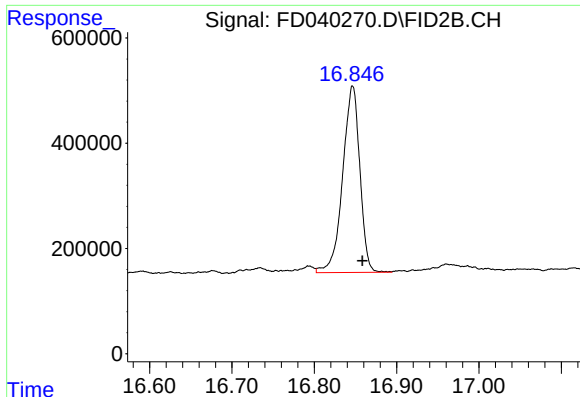
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.013 min
Response: 5507478
Conc: 40.05 ug/ml



#16 n-Octacosane (C28)

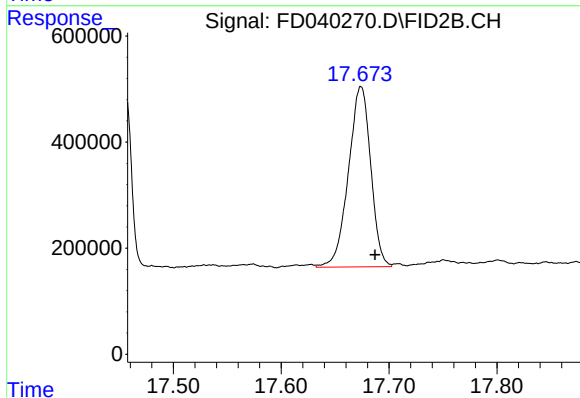
R.T.: 15.961 min
Delta R.T.: -0.014 min
Response: 5377879
Conc: 39.53 ug/ml



#17 n-Tricontane (C30)

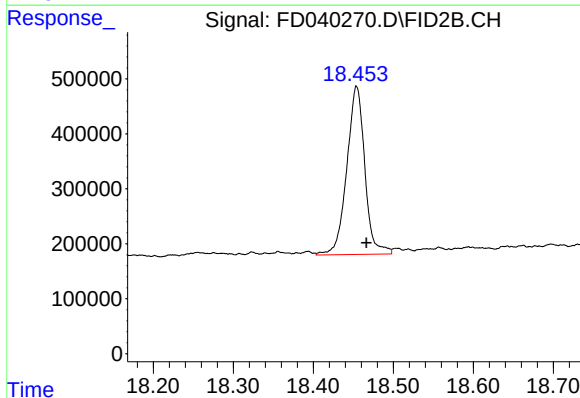
R.T.: 16.847 min
Delta R.T.: -0.012 min
Response: 5142921
Conc: 38.43 ug/ml

Instrument :
FID_D
ClientSampleId :



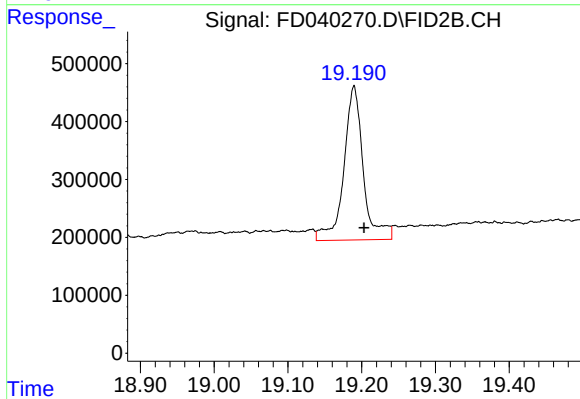
#18 n-Dotriacontane (C32)

R.T.: 17.674 min
Delta R.T.: -0.013 min
Response: 4879991
Conc: 37.70 ug/ml



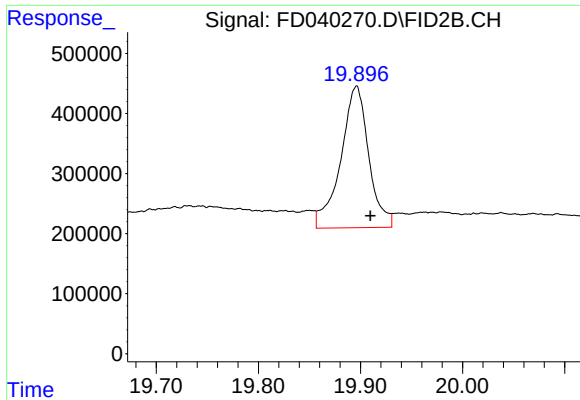
#19 n-Tetratriacontane (C34)

R.T.: 18.454 min
Delta R.T.: -0.012 min
Response: 4791774
Conc: 39.52 ug/ml



#20 n-Hexatriacontane (C36)

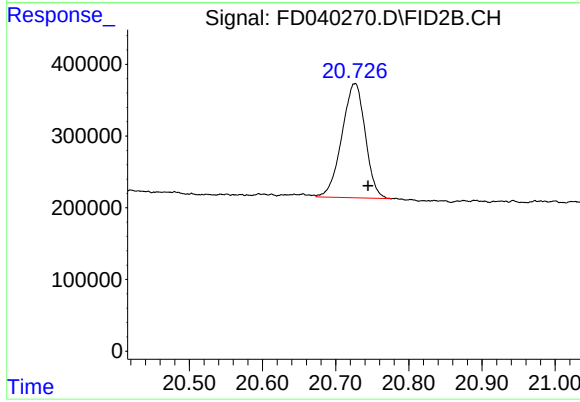
R.T.: 19.189 min
Delta R.T.: -0.014 min
Response: 4866255
Conc: 45.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.896 min
Delta R.T.: -0.014 min
Response: 4495244
Conc: 48.68 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.726 min
Delta R.T.: -0.018 min
Response: 3527632
Conc: 45.30 ug/ml