

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047731.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 10:37
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 13 11:54:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 11:49:19 2024
 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)	11.358	9408599	42.929 ug/ml
Spiked Amount 50.000		Recovery =	85.86%
12) S 1-chlorooctadecane (S...	12.796	7066174	42.991 ug/ml
Spiked Amount 50.000		Recovery =	85.98%
Target Compounds			
1) T n-Nonane (C9)	3.188	8292549	42.904 ug/ml
2) T n-Decane (C10)	4.242	8483856	42.524 ug/ml
3) T A~Naphthalene (C11.7)	5.799	9387405	42.465 ug/ml
4) T n-Dodecane (C12)	6.243	8515548	42.661 ug/ml
5) T A~2-methylnaphthalene...	6.849	9142816	42.763 ug/ml
6) T n-Tetradecane (C14)	8.028	8417409	42.853 ug/ml
7) T n-Hexadecane (C16)	9.620	8677009	42.874 ug/ml
8) T n-Octadecane (C18)	11.055	8771729	42.963 ug/ml
10) T n-Eicosane (C20)	12.357	8417164	42.953 ug/ml
11) T n-Heneicosane (C21)	12.966	8273661	43.031 ug/ml
13) T n-Docosane (C22)	13.549	8198974	43.012 ug/ml
14) T n-Tetracosane (C24)	14.647	8067721	42.964 ug/ml
15) T n-Hexacosane (C26)	15.664	7784283	42.840 ug/ml
16) T n-Octacosane (C28)	16.608	7454936	42.660 ug/ml
17) T n-Tricontane (C30)	17.492	7423820	42.623 ug/ml
18) T n-Dotriacontane (C32)	18.319	7245750	42.909 ug/ml
19) T n-Tetratriacontane (C34)	19.098	6850221	42.593 ug/ml
20) T n-Hexatriacontane (C36)	19.833	6553312	42.829 ug/ml
21) T n-Octatriacontane (C38)	20.535	6388954	42.874 ug/ml
22) T n-Tetracontane (C40)	21.344	6199662	43.099 ug/ml

(f)=RT Delta > 1/2 Window

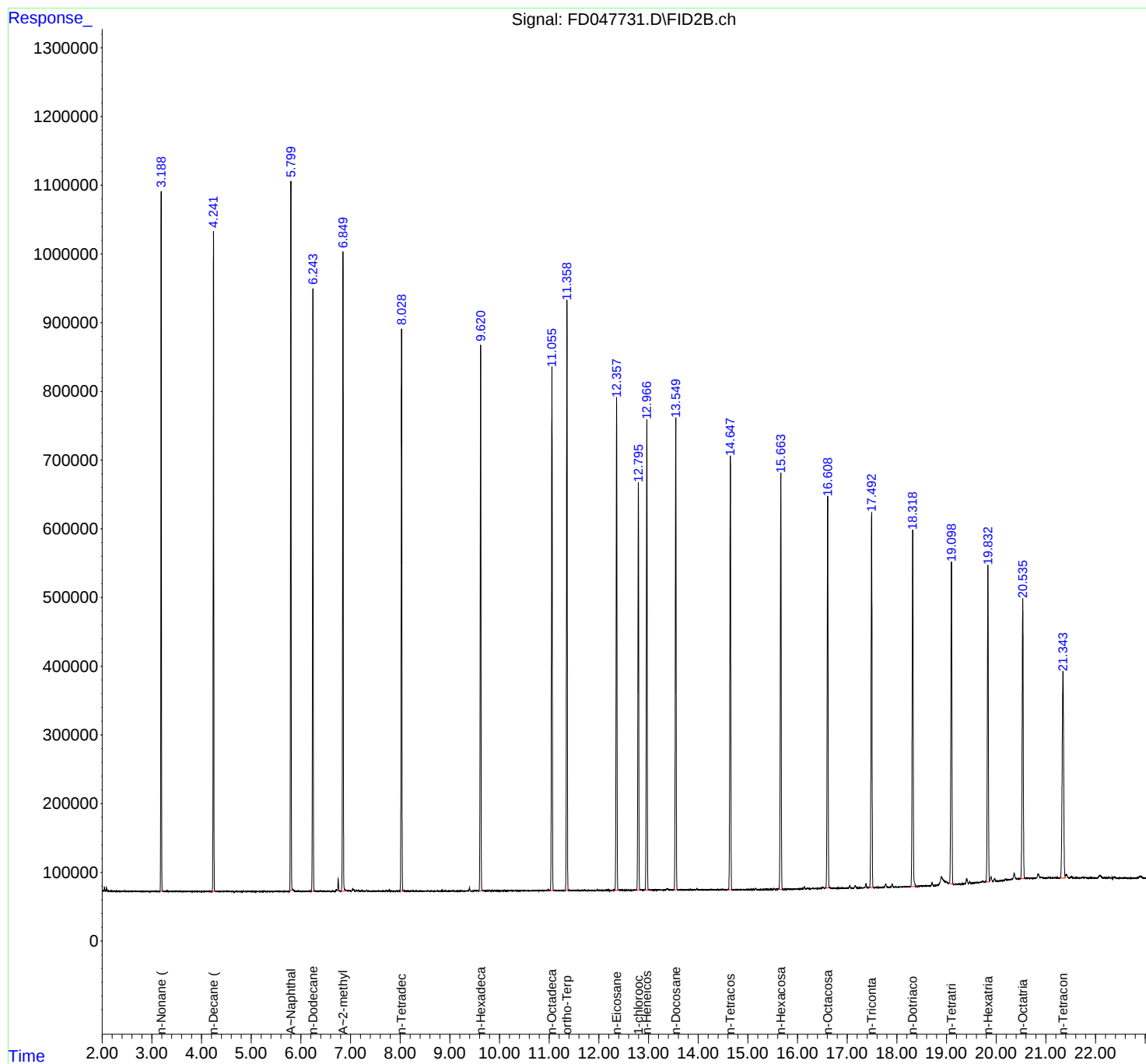
(m)=manual int.

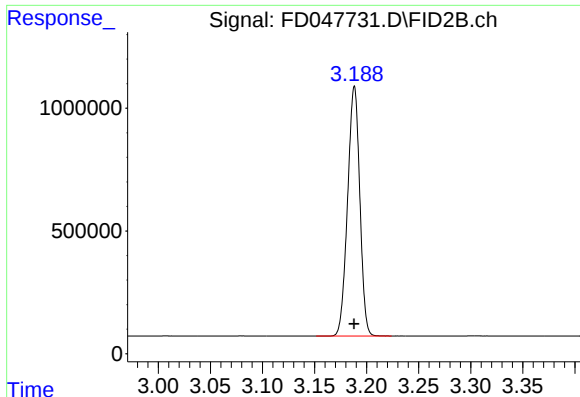
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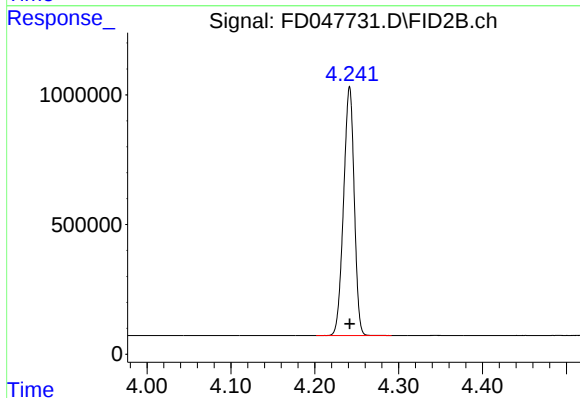




#1 n-Nonane (C9)

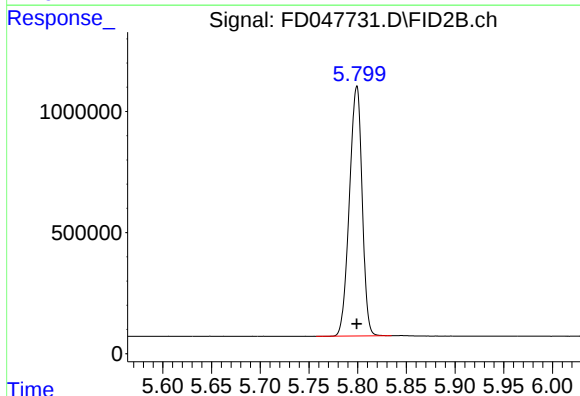
R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 8292549
Conc: 42.90 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



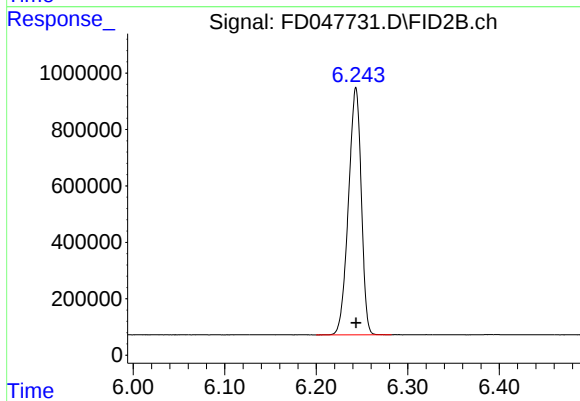
#2 n-Decane (C10)

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 8483856
Conc: 42.52 ug/ml



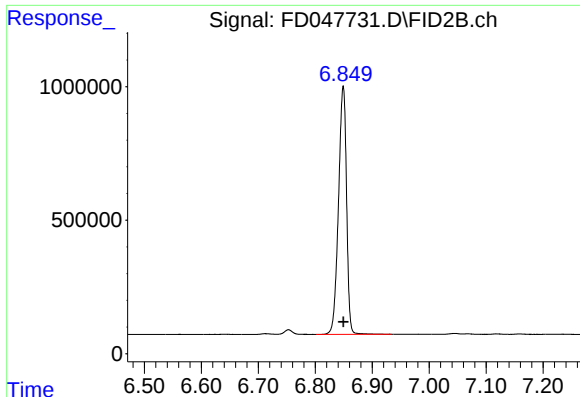
#3 A~Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 9387405
Conc: 42.47 ug/ml



#4 n-Dodecane (C12)

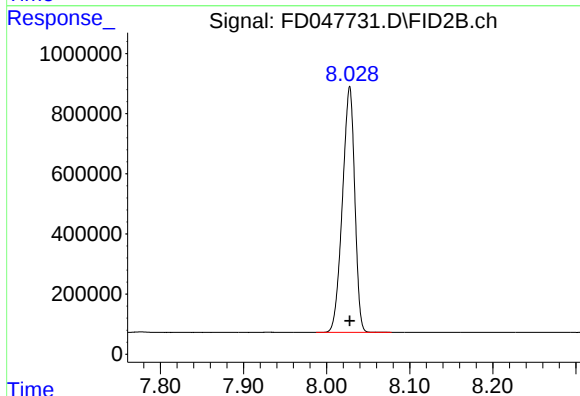
R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 8515548
Conc: 42.66 ug/ml



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

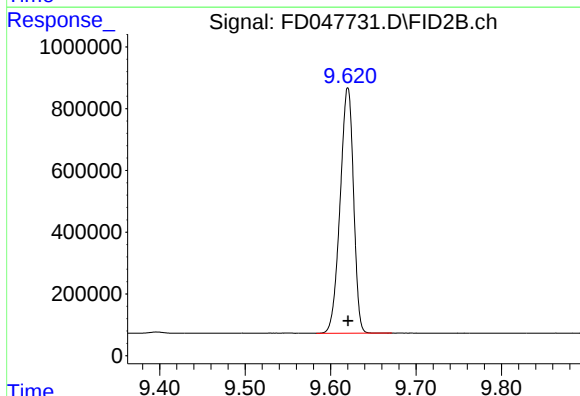
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 9142816
Conc: 42.76 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



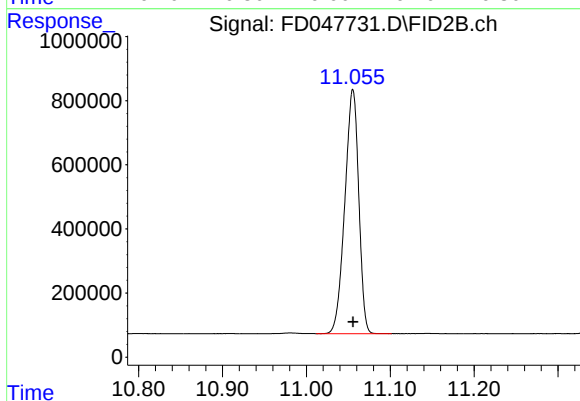
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 8417409
Conc: 42.85 ug/ml



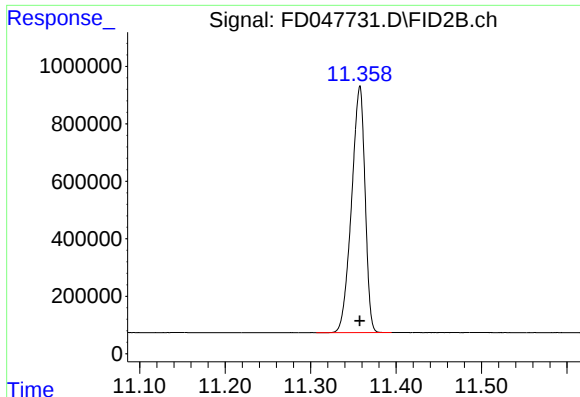
#7 n-Hexadecane (C16)

R.T.: 9.620 min
Delta R.T.: 0.000 min
Response: 8677009
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

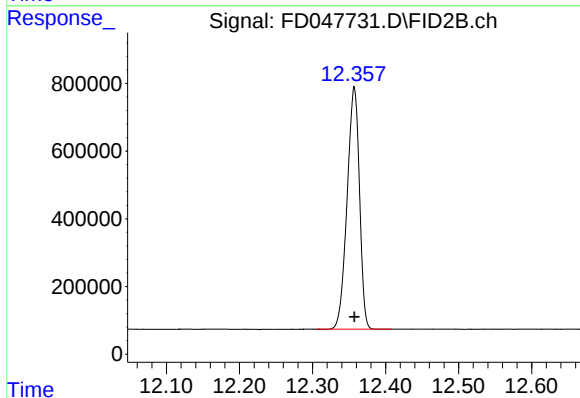
R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 8771729
Conc: 42.96 ug/ml



#9 ortho-Terphenyl (SURR)

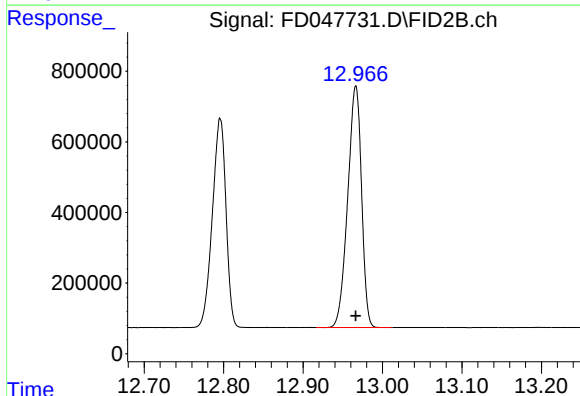
R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 9408599
Conc: 42.93 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



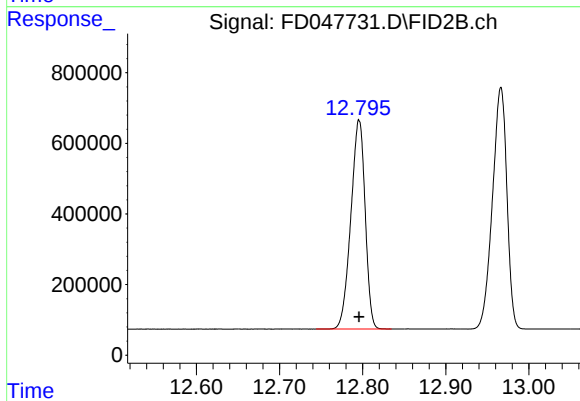
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: 0.000 min
Response: 8417164
Conc: 42.95 ug/ml



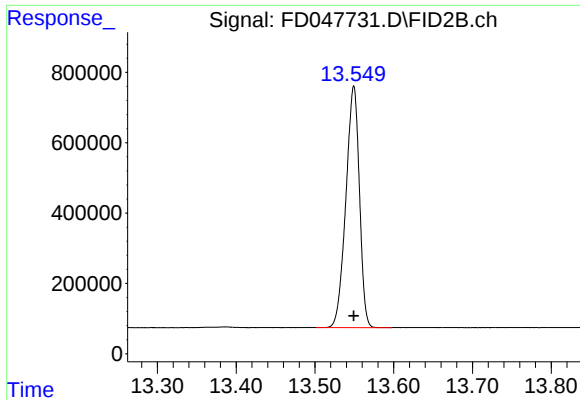
#11 n-Heneicosane (C21)

R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 8273661
Conc: 43.03 ug/ml



#12 1-chlorooctadecane (SURR)

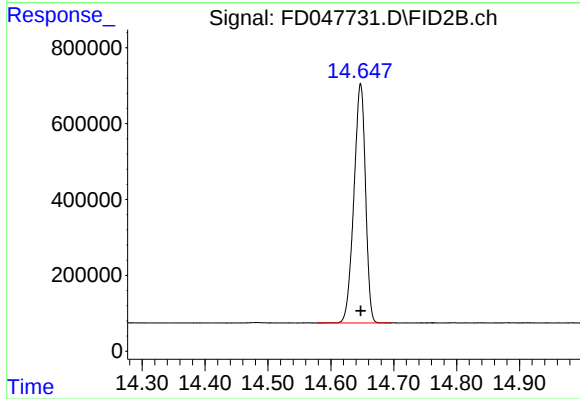
R.T.: 12.796 min
Delta R.T.: 0.000 min
Response: 7066174
Conc: 42.99 ug/ml



#13 n-Docosane (C22)

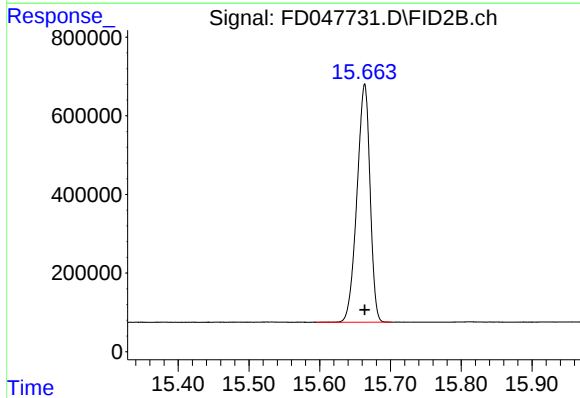
R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 8198974
Conc: 43.01 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



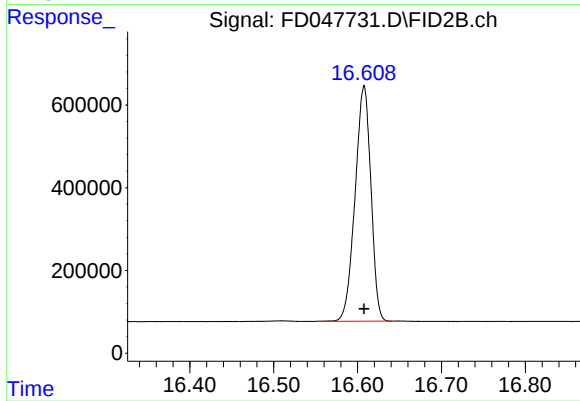
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 8067721
Conc: 42.96 ug/ml



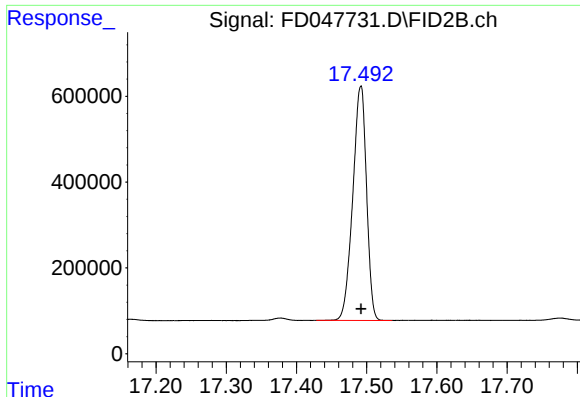
#15 n-Hexacosane (C26)

R.T.: 15.664 min
Delta R.T.: 0.000 min
Response: 7784283
Conc: 42.84 ug/ml



#16 n-Octacosane (C28)

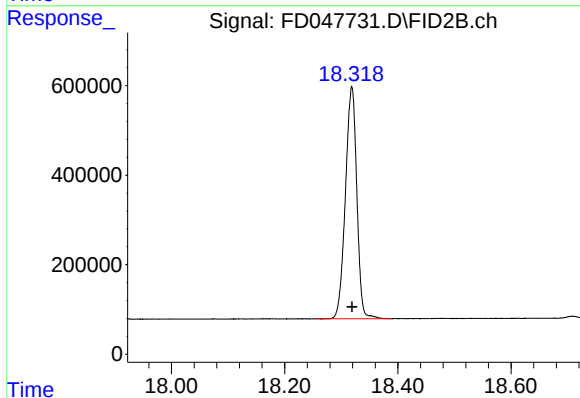
R.T.: 16.608 min
Delta R.T.: 0.000 min
Response: 7454936
Conc: 42.66 ug/ml



#17 n-Tricontane (C30)

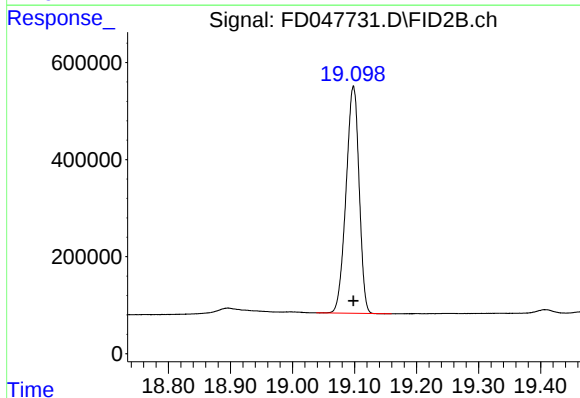
R.T.: 17.492 min
Delta R.T.: 0.000 min
Response: 7423820
Conc: 42.62 ug/ml

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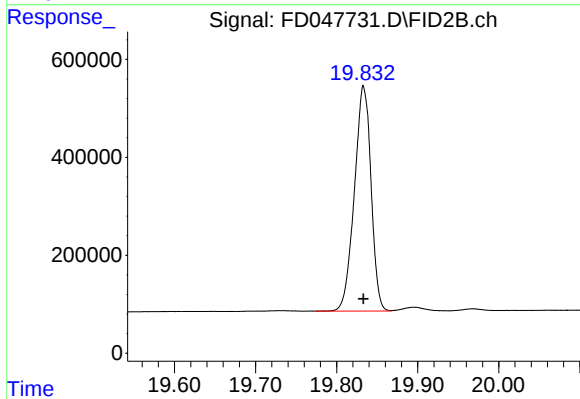
#18 n-Dotriacontane (C32)

R.T.: 18.319 min
Delta R.T.: 0.000 min
Response: 7245750
Conc: 42.91 ug/ml



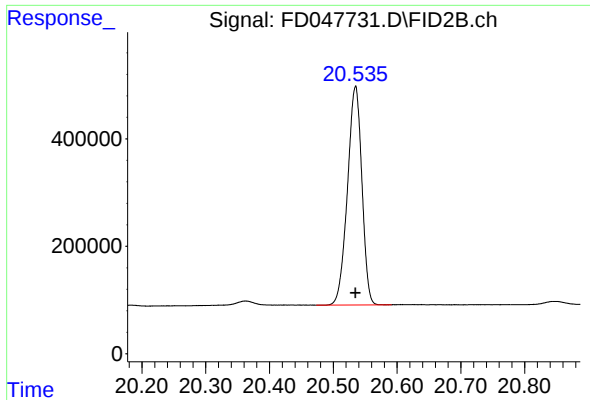
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: 0.000 min
Response: 6850221
Conc: 42.59 ug/ml



#20 n-Hexatriacontane (C36)

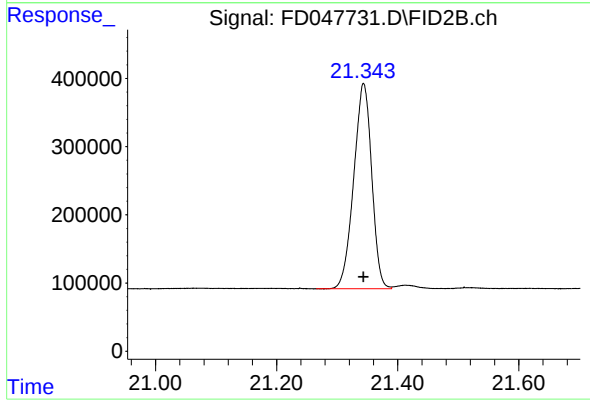
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 6553312
Conc: 42.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: 0.000 min
Response: 6388954
Conc: 42.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.344 min
Delta R.T.: 0.000 min
Response: 6199662
Conc: 43.10 ug/ml