

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049506.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 07:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 08 11:01:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.891	2981558	19.223 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	13.326	2270869	19.436 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.281	2795986	18.592 ug/ml
2) T n-Decane (C10)	4.531	2902135	18.790 ug/ml
3) T A~Naphthalene (C11.7)	6.237	2950066	18.935 ug/ml
4) T n-Dodecane (C12)	6.698	2890451	18.772 ug/ml
5) T A~2-methylnaphthalene...	7.333	2762759	18.984 ug/ml
6) T n-Tetradecane (C14)	8.525	2838503	18.702 ug/ml
7) T n-Hexadecane (C16)	10.131	2904800	19.154 ug/ml
8) T n-Octadecane (C18)	11.573	2915569	19.203 ug/ml
10) T n-Eicosane (C20)	12.881	2768688	19.146 ug/ml
11) T n-Heneicosane (C21)	13.492	2718556	19.171 ug/ml
13) T n-Docosane (C22)	14.078	2709024	19.282 ug/ml
14) T n-Tetracosane (C24)	15.179	2736822	19.528 ug/ml
15) T n-Hexacosane (C26)	16.199	2736147	19.513 ug/ml
16) T n-Octacosane (C28)	17.148	2787096	19.913 ug/ml
17) T n-Tricontane (C30)	18.034	2985851	20.469 ug/ml
18) T n-Dotriacontane (C32)	18.866	3074109	20.907 ug/ml
19) T n-Tetratriacontane (C34)	19.649	3059997	20.949 ug/ml
20) T n-Hexatriacontane (C36)	20.387	3002835	20.830 ug/ml
21) T n-Octatriacontane (C38)	21.116	2992488	19.991 ug/ml
22) T n-Tetracontane (C40)	22.012	2821815	18.699 ug/ml

(f)=RT Delta > 1/2 Window

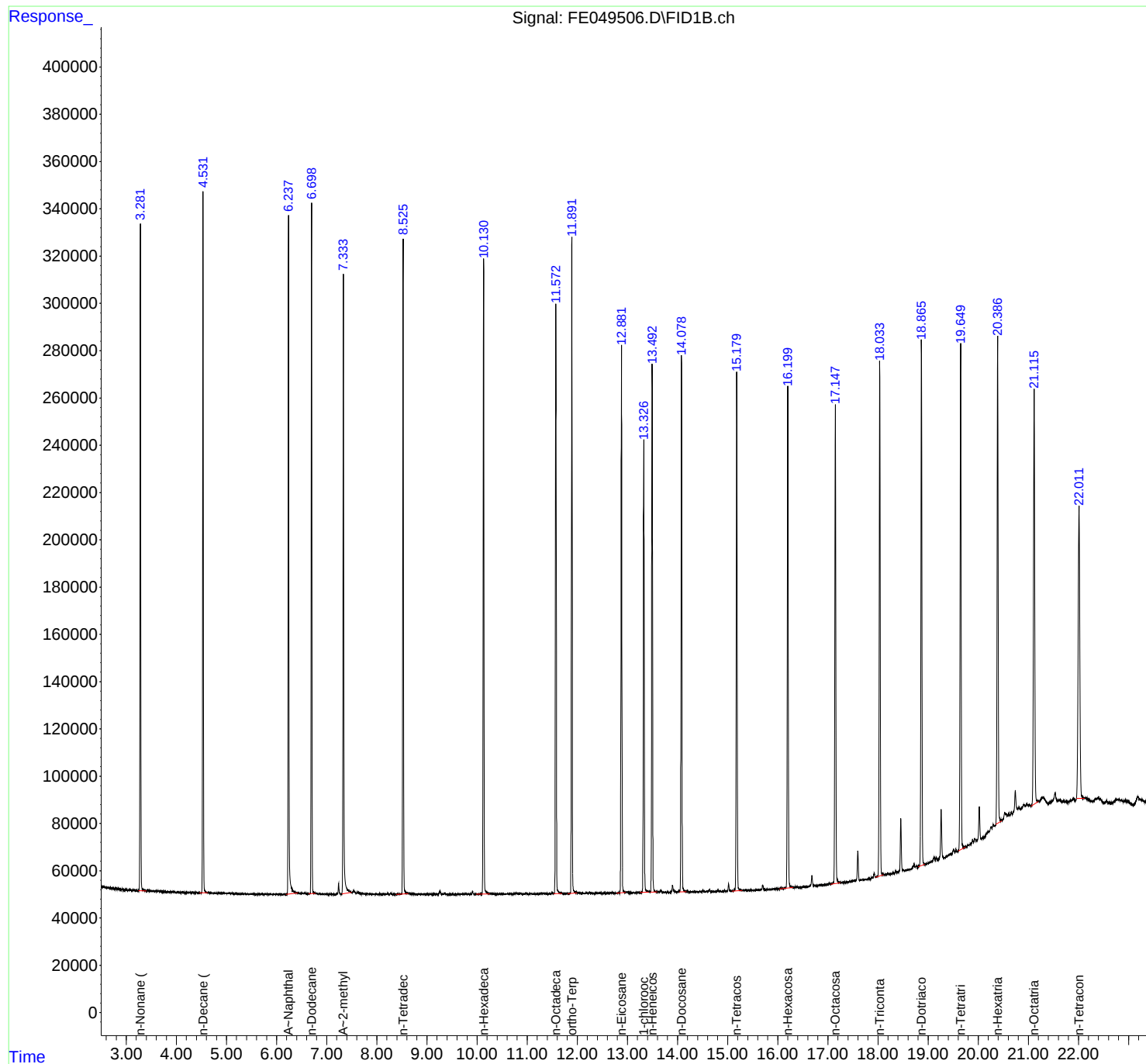
(m)=manual int.

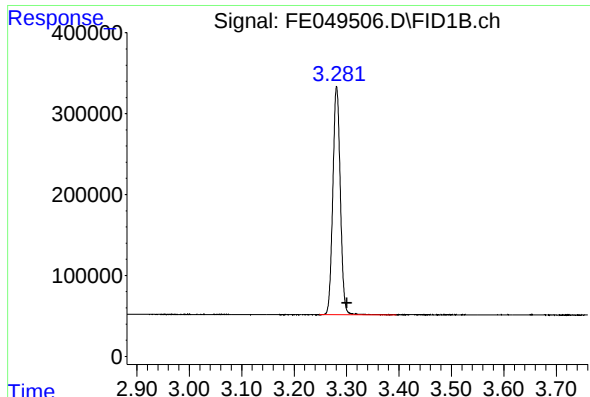
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
Data File : FE049506.D
Signal(s) : FID1B.ch
Acq On : 08 Aug 2024 07:07
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Aug 08 11:01:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
Quant Title : GC Extractables
QLast Update : Wed Jul 17 14:26:40 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

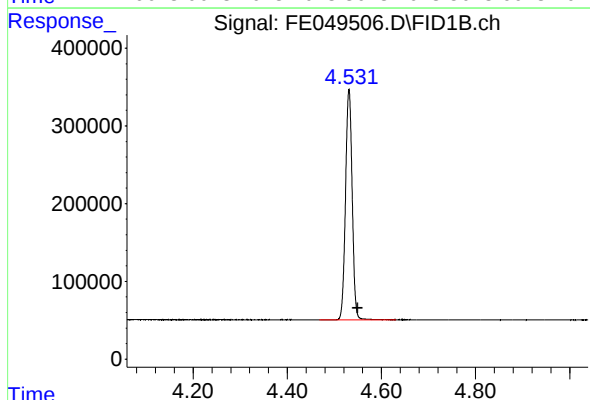




#1 n-Nonane (C9)

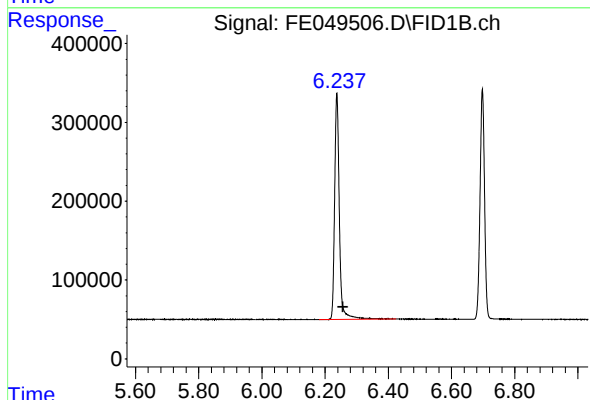
R.T.: 3.281 min
Delta R.T.: -0.020 min
Response: 2795986
Conc: 18.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



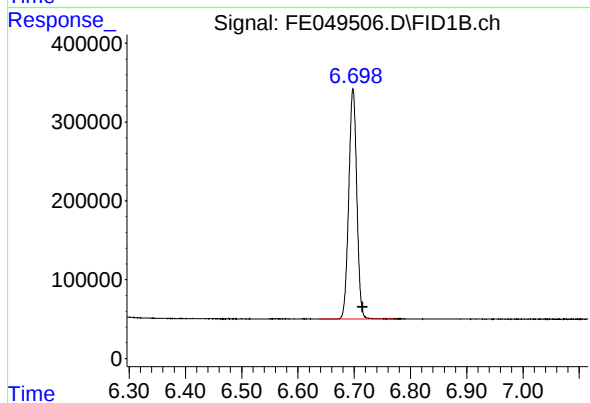
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.019 min
Response: 2902135
Conc: 18.79 ug/ml



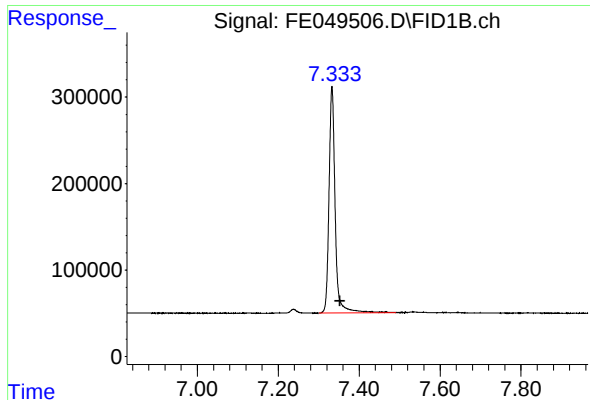
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.019 min
Response: 2950066
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

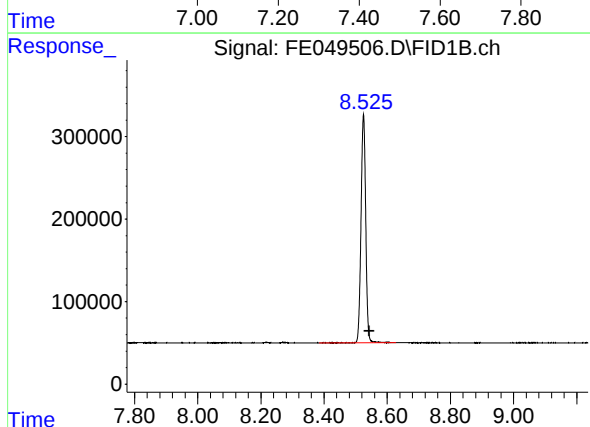
R.T.: 6.698 min
Delta R.T.: -0.017 min
Response: 2890451
Conc: 18.77 ug/ml



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

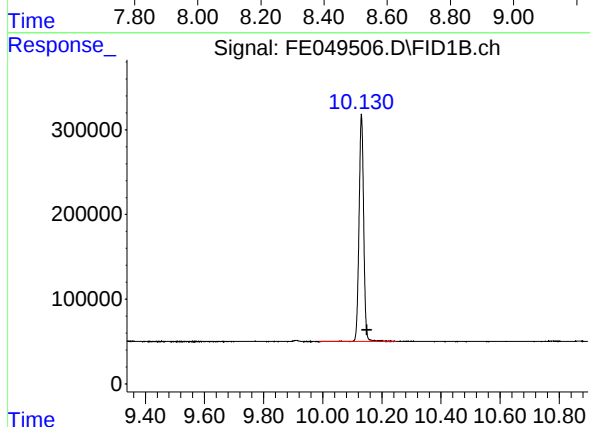
R.T.: 7.333 min
Delta R.T.: -0.020 min
Response: 2762759
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



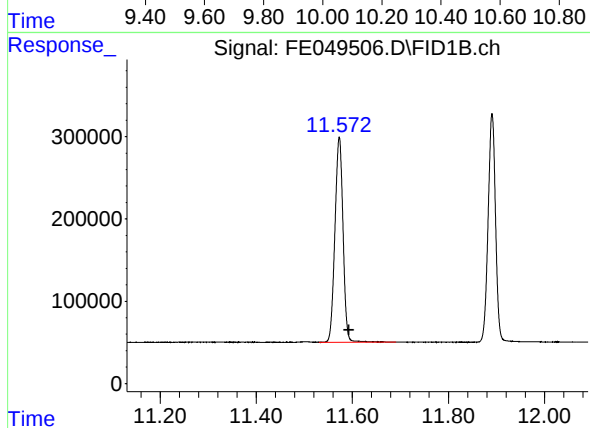
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.018 min
Response: 2838503
Conc: 18.70 ug/ml



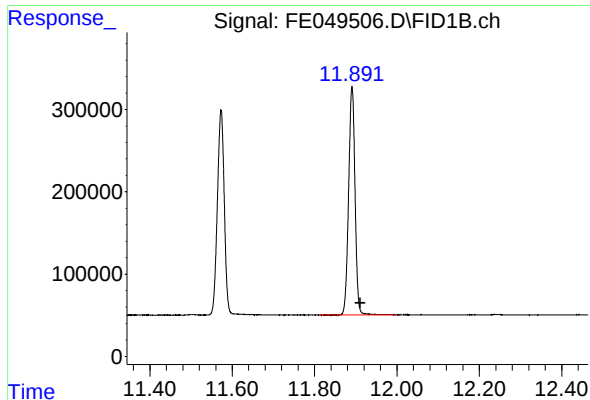
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.019 min
Response: 2904800
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

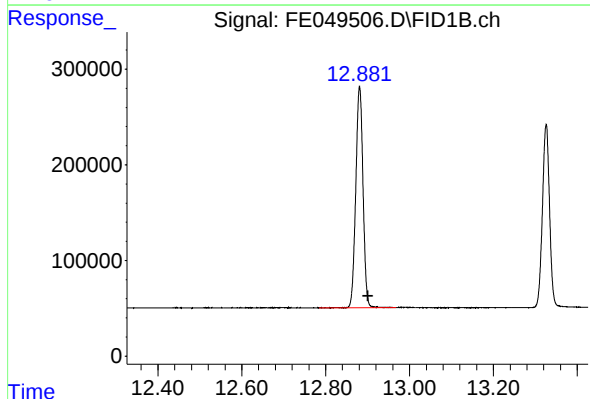
R.T.: 11.573 min
Delta R.T.: -0.020 min
Response: 2915569
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

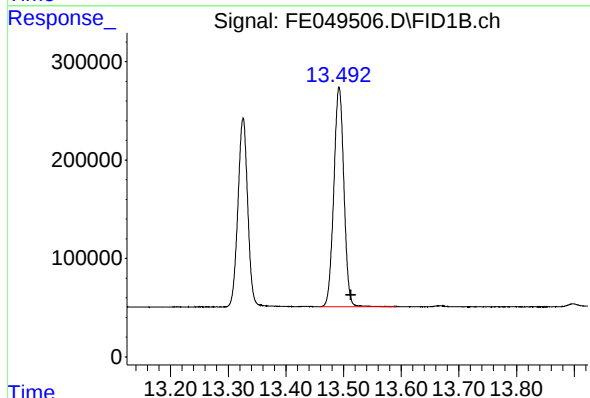
R.T.: 11.891 min
Delta R.T.: -0.020 min
Response: 2981558
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



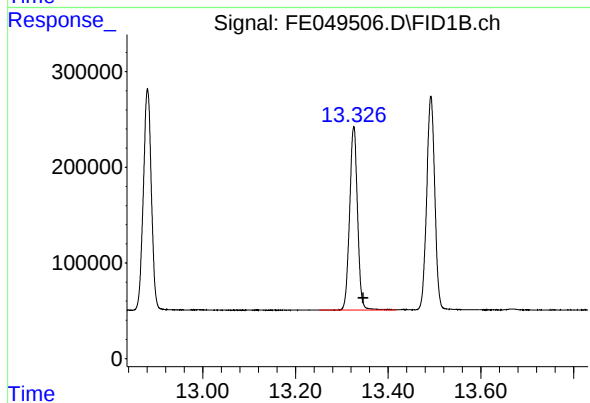
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.020 min
Response: 2768688
Conc: 19.15 ug/ml



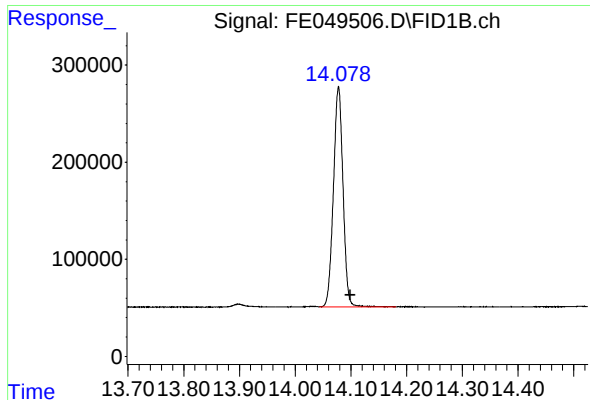
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.021 min
Response: 2718556
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

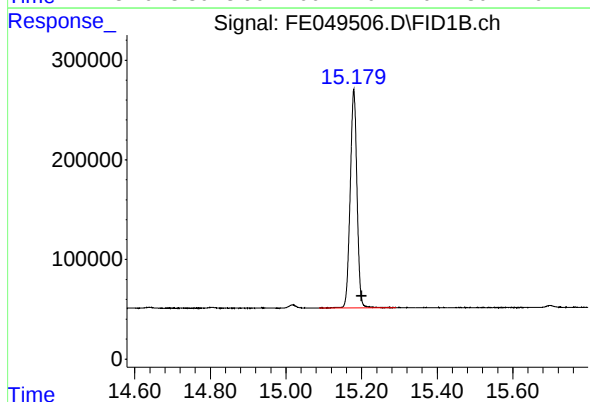
R.T.: 13.326 min
Delta R.T.: -0.021 min
Response: 2270869
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

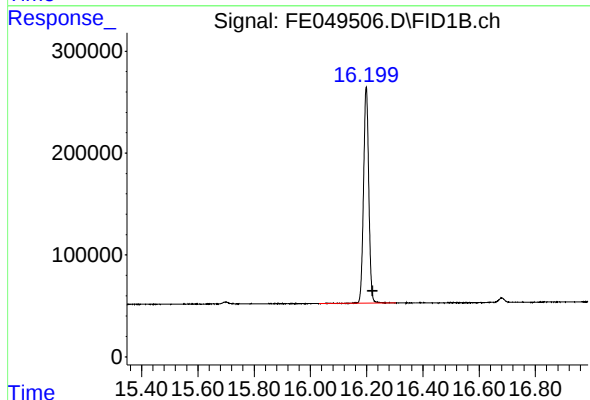
R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 2709024
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



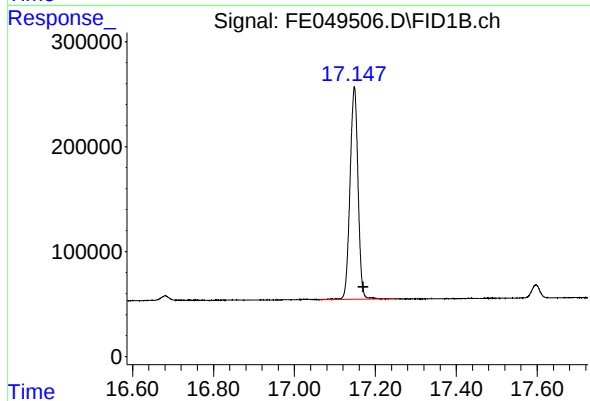
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.021 min
Response: 2736822
Conc: 19.53 ug/ml



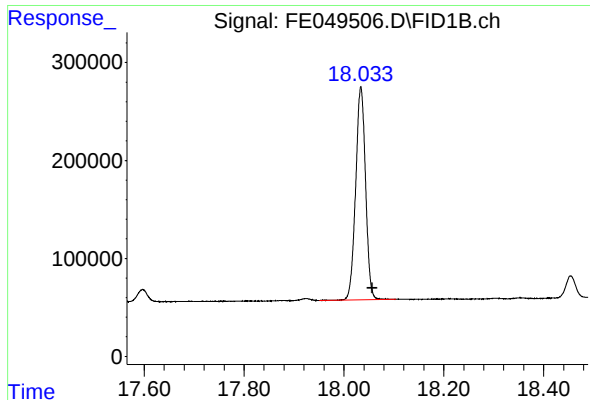
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.022 min
Response: 2736147
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

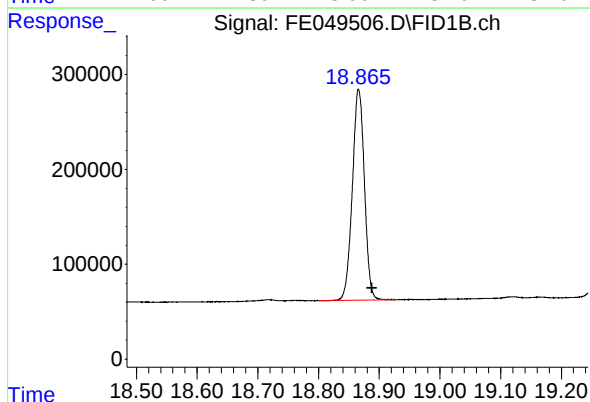
R.T.: 17.148 min
Delta R.T.: -0.022 min
Response: 2787096
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

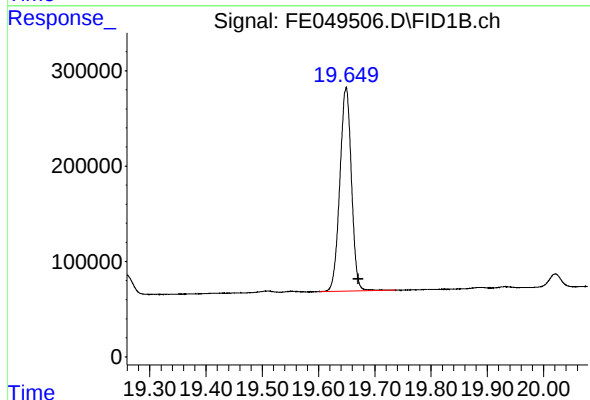
R.T.: 18.034 min
Delta R.T.: -0.023 min
Response: 2985851
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



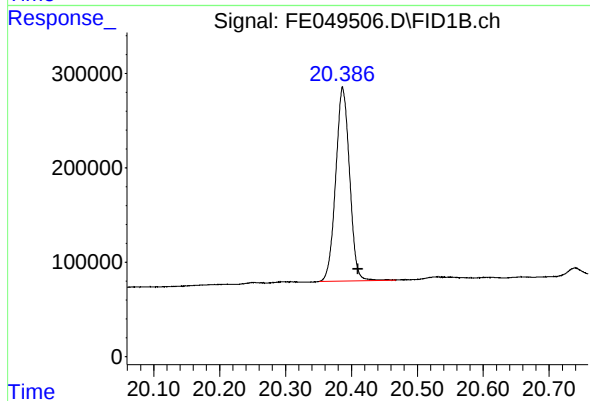
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.022 min
Response: 3074109
Conc: 20.91 ug/ml



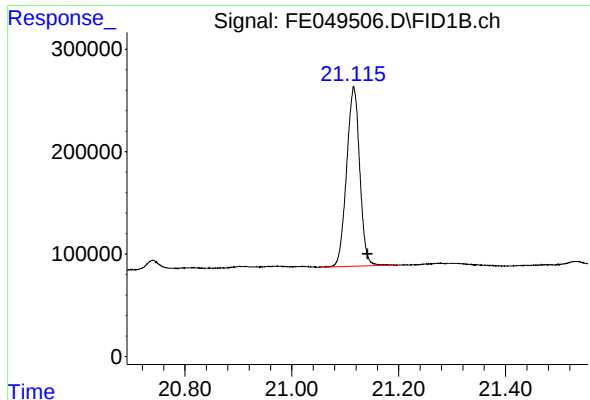
#19 n-Tetatriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.022 min
Response: 3059997
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

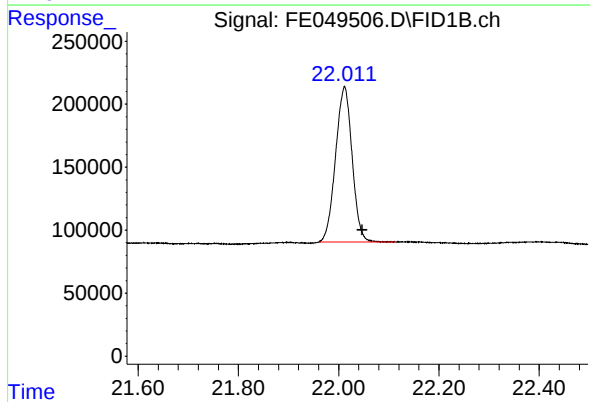
R.T.: 20.387 min
Delta R.T.: -0.023 min
Response: 3002835
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.026 min
Response: 2992488
Conc: 19.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.035 min
Response: 2821815
Conc: 18.70 ug/ml