

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049587.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 09:05
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 14 10:23:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 10:20:05 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)	11.892	7703624	47.989 ug/ml
Spiked Amount 50.000		Recovery =	95.98%
12) S 1-chlorooctadecane (S...	13.325	5889984	48.092 ug/ml
Spiked Amount 50.000		Recovery =	96.18%
Target Compounds			
1) T n-Nonane (C9)	3.279	7322124	47.916 ug/ml
2) T n-Decane (C10)	4.530	7472009	47.639 ug/ml
3) T A~Naphthalene (C11.7)	6.236	7808566	48.004 ug/ml
4) T n-Dodecane (C12)	6.698	7470273	47.652 ug/ml
5) T A~2-methylnaphthalene...	7.332	7348022	47.928 ug/ml
6) T n-Tetradecane (C14)	8.524	7326468	47.693 ug/ml
7) T n-Hexadecane (C16)	10.131	7452112	47.858 ug/ml
8) T n-Octadecane (C18)	11.574	7460923	47.782 ug/ml
10) T n-Eicosane (C20)	12.881	7116819	48.041 ug/ml
11) T n-Heneicosane (C21)	13.492	7004367	48.018 ug/ml
13) T n-Docosane (C22)	14.078	6943357	48.025 ug/ml
14) T n-Tetracosane (C24)	15.179	6919570	48.043 ug/ml
15) T n-Hexacosane (C26)	16.199	6864871	48.022 ug/ml
16) T n-Octacosane (C28)	17.147	6810884	47.819 ug/ml
17) T n-Tricontane (C30)	18.033	6978424	47.267 ug/ml
18) T n-Dotriacontane (C32)	18.866	7018979	47.309 ug/ml
19) T n-Tetratriacontane (C34)	19.649	7137660	47.418 ug/ml
20) T n-Hexatriacontane (C36)	20.388	7187614	47.594 ug/ml
21) T n-Octatriacontane (C38)	21.117	7436187	47.785 ug/ml
22) T n-Tetracontane (C40)	22.013	7392720	48.174 ug/ml

(f)=RT Delta > 1/2 Window

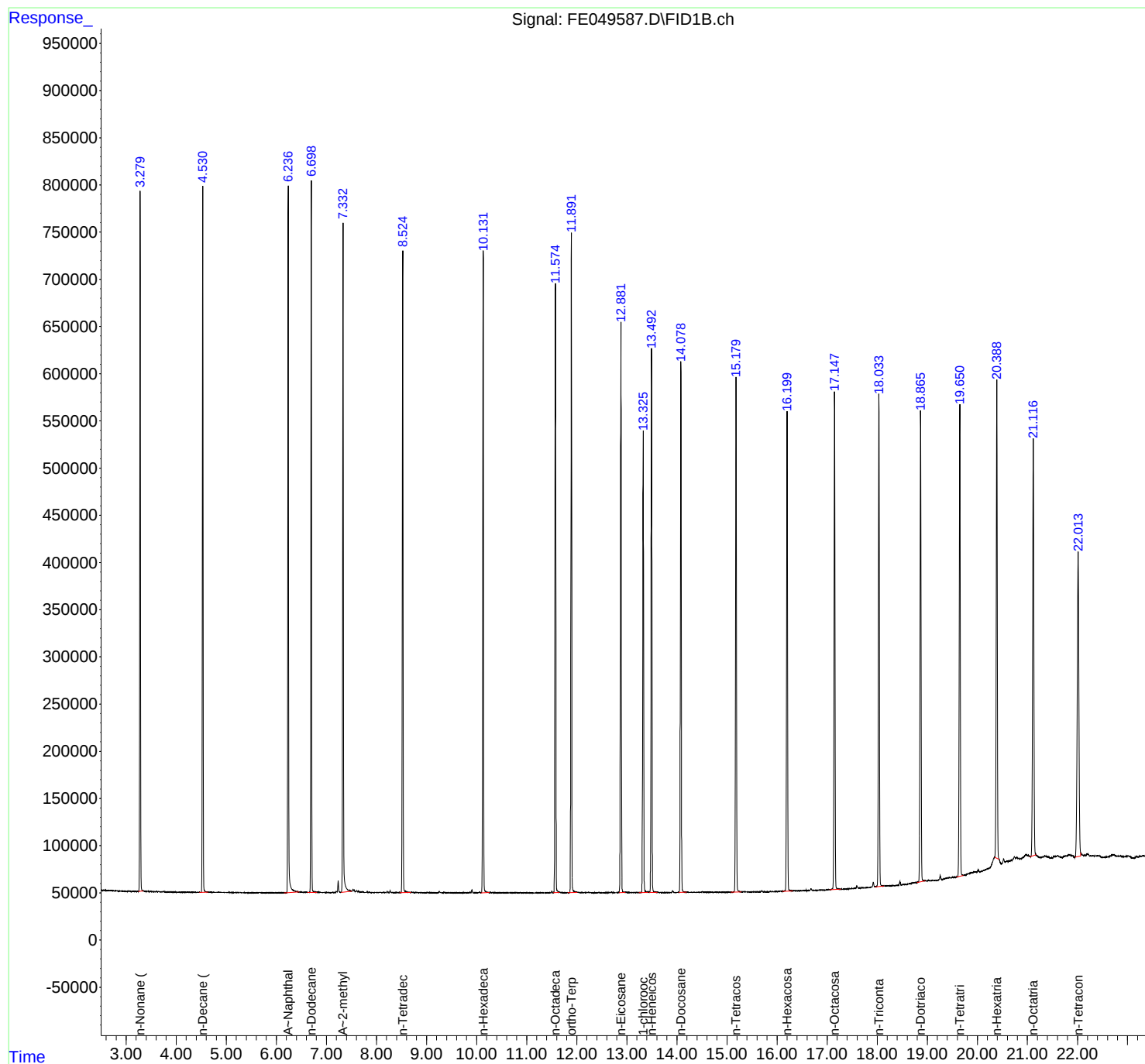
(m)=manual int.

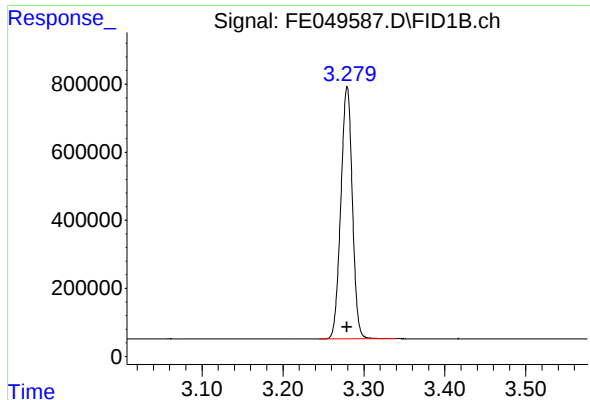
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
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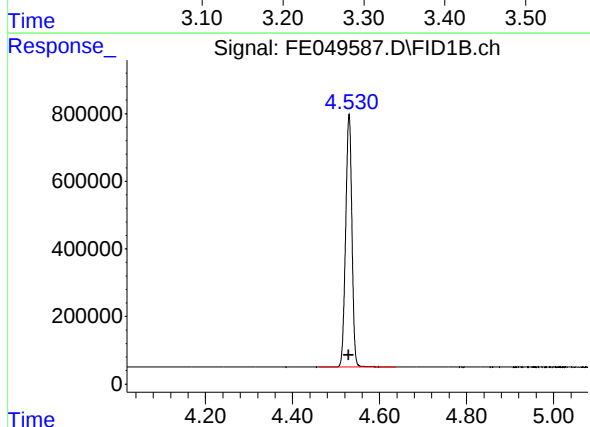




#1 n-Nonane (C9)

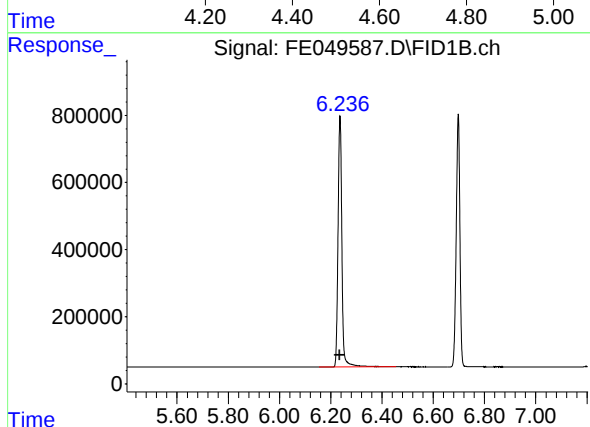
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 7322124
Conc: 47.92 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



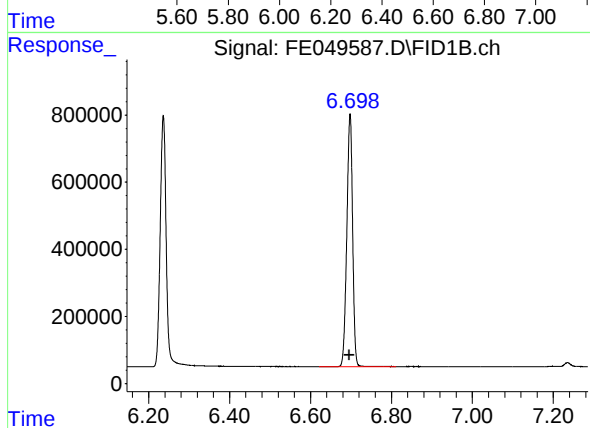
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.001 min
Response: 7472009
Conc: 47.64 ug/ml



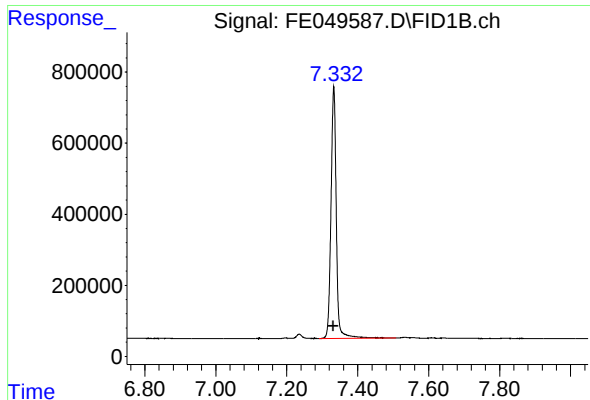
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.001 min
Response: 7808566
Conc: 48.00 ug/ml



#4 n-Dodecane (C12)

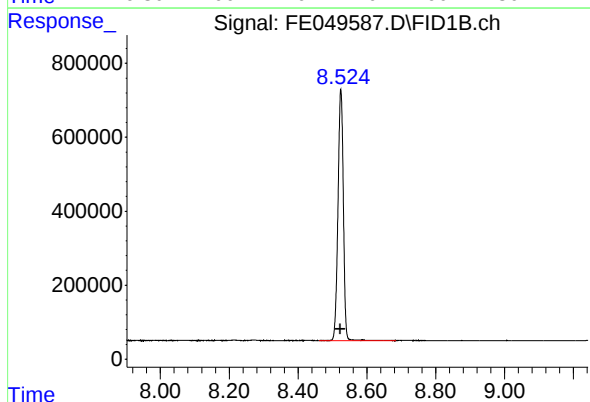
R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 7470273
Conc: 47.65 ug/ml



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

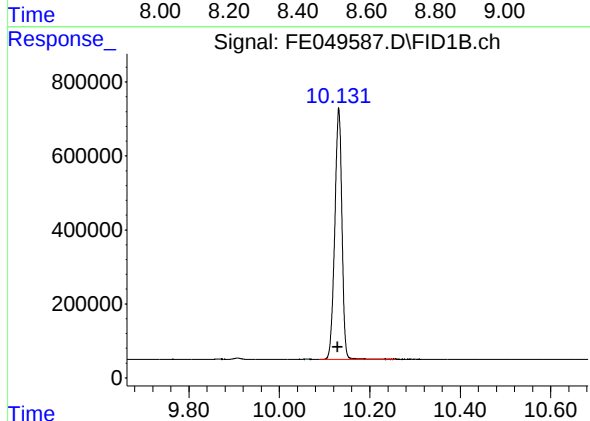
R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 7348022
Conc: 47.93 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



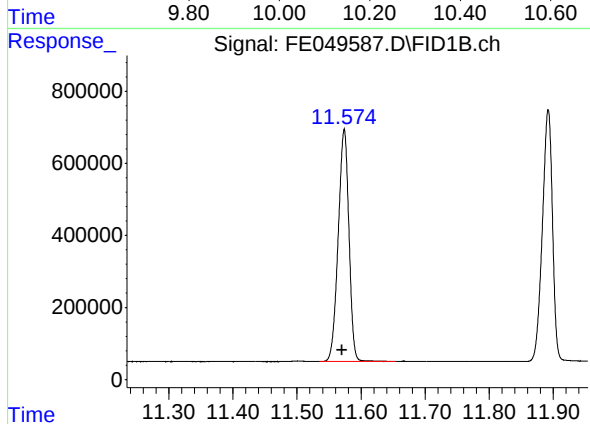
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.002 min
Response: 7326468
Conc: 47.69 ug/ml



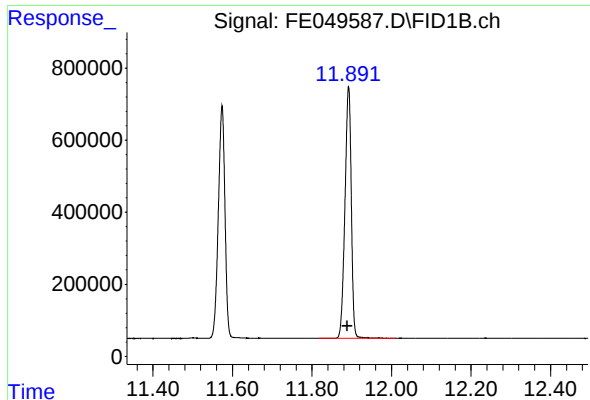
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.002 min
Response: 7452112
Conc: 47.86 ug/ml



#8 n-Octadecane (C18)

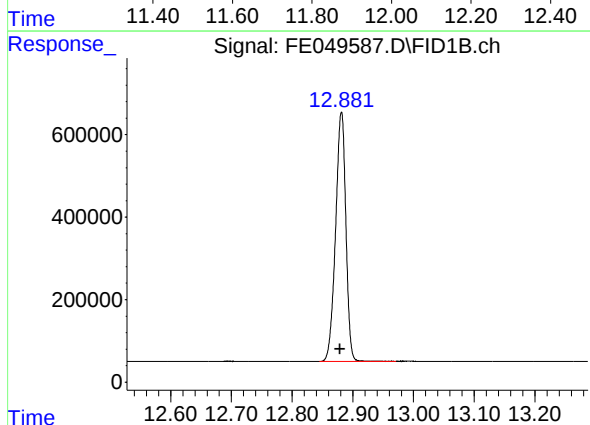
R.T.: 11.574 min
Delta R.T.: 0.003 min
Response: 7460923
Conc: 47.78 ug/ml



#9 ortho-Terphenyl (SURR)

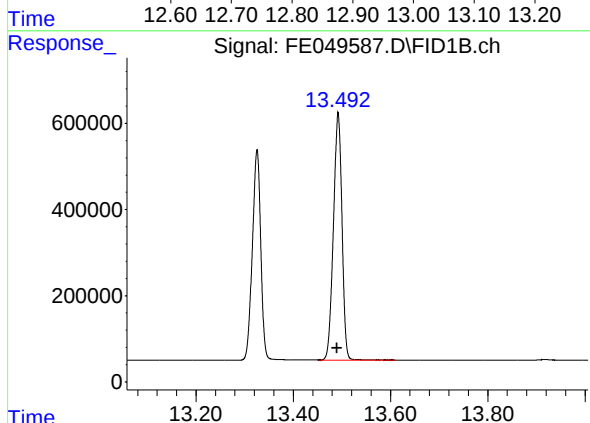
R.T.: 11.892 min
Delta R.T.: 0.003 min
Response: 7703624
Conc: 47.99 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



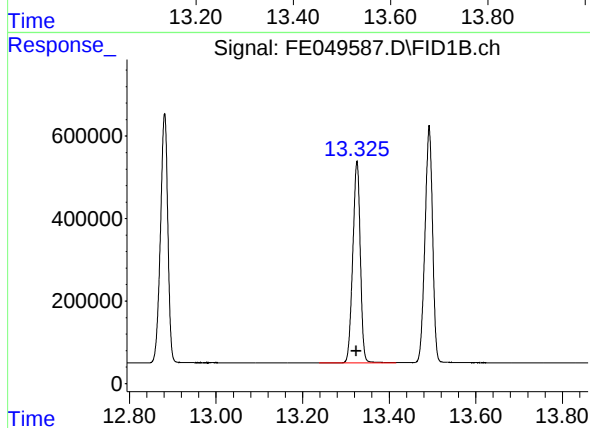
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: 0.002 min
Response: 7116819
Conc: 48.04 ug/ml



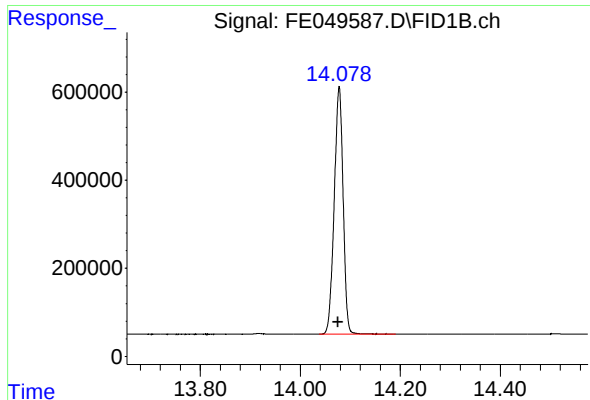
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: 0.002 min
Response: 7004367
Conc: 48.02 ug/ml



#12 1-chlorooctadecane (SURR)

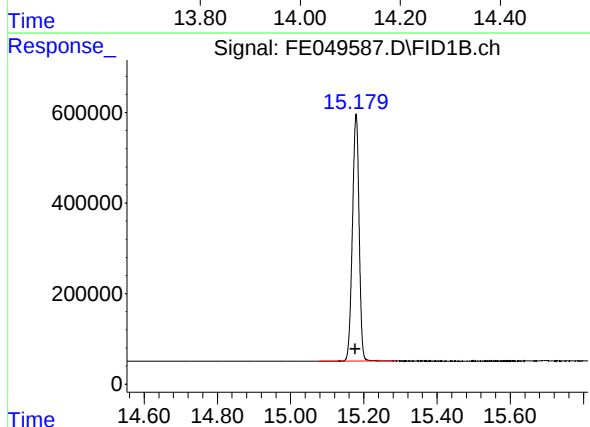
R.T.: 13.325 min
Delta R.T.: 0.002 min
Response: 5889984
Conc: 48.09 ug/ml



#13 n-Docosane (C22)

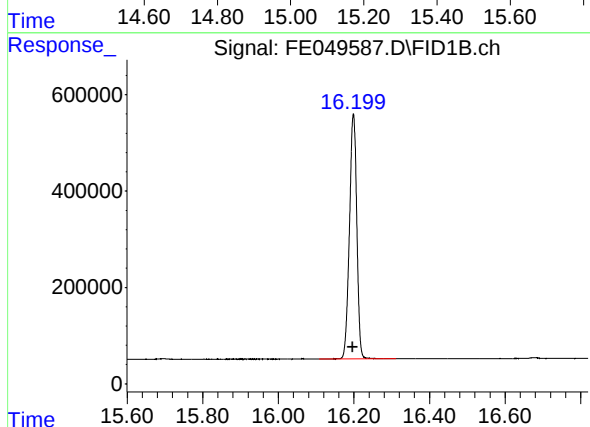
R.T.: 14.078 min
Delta R.T.: 0.002 min
Response: 6943357
Conc: 48.02 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



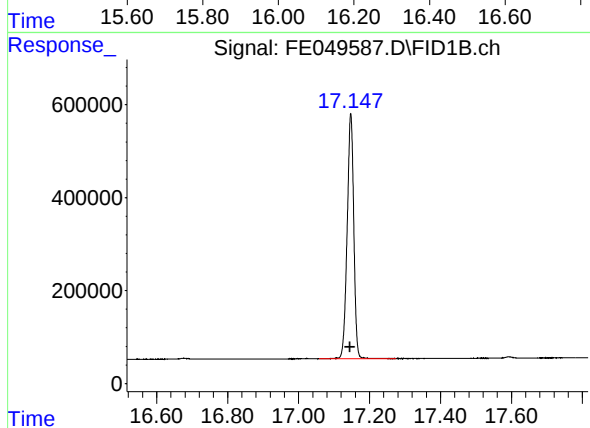
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.002 min
Response: 6919570
Conc: 48.04 ug/ml



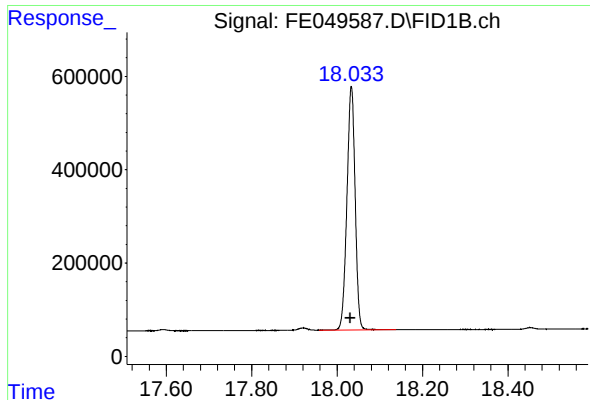
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 6864871
Conc: 48.02 ug/ml



#16 n-Octacosane (C28)

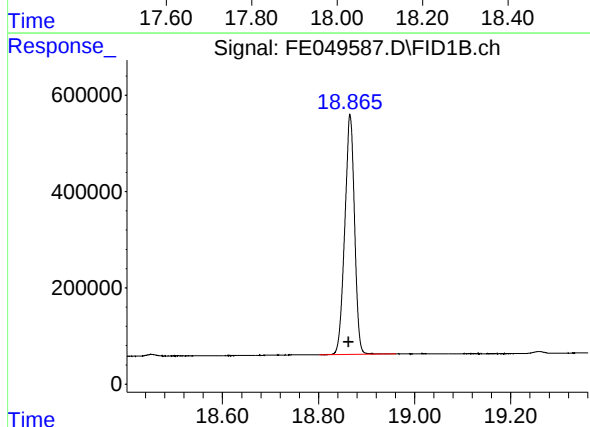
R.T.: 17.147 min
Delta R.T.: 0.002 min
Response: 6810884
Conc: 47.82 ug/ml



#17 n-Tricontane (C30)

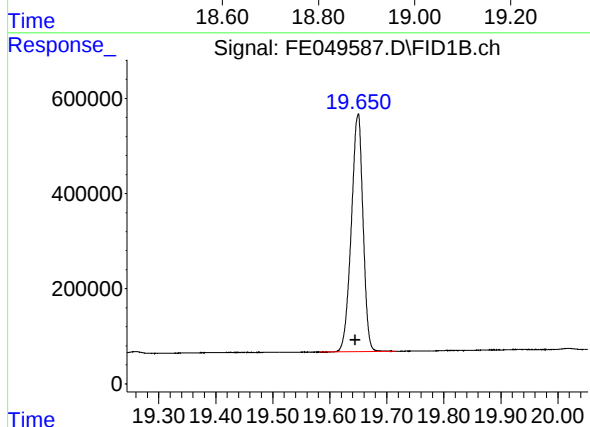
R.T.: 18.033 min
Delta R.T.: 0.002 min
Response: 6978424
Conc: 47.27 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



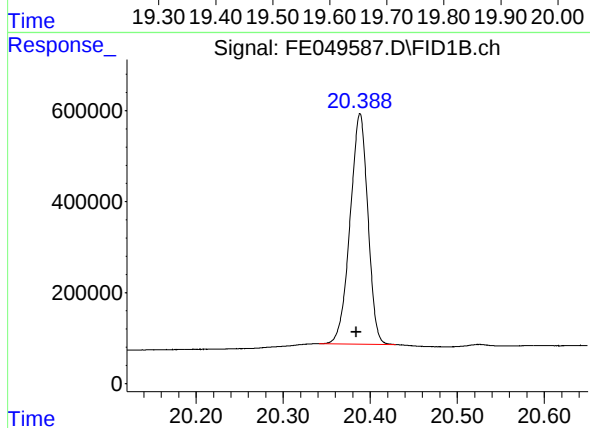
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.003 min
Response: 7018979
Conc: 47.31 ug/ml



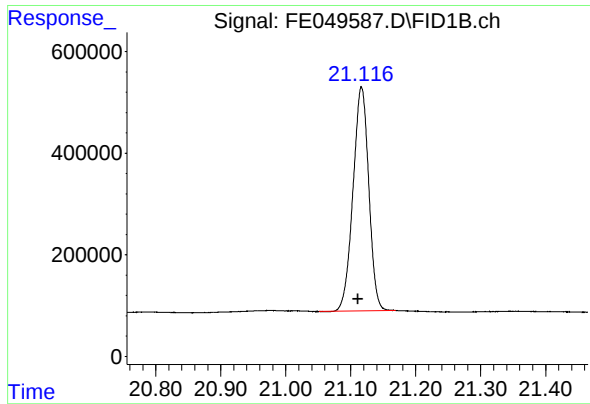
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.005 min
Response: 7137660
Conc: 47.42 ug/ml



#20 n-Hexatriacontane (C36)

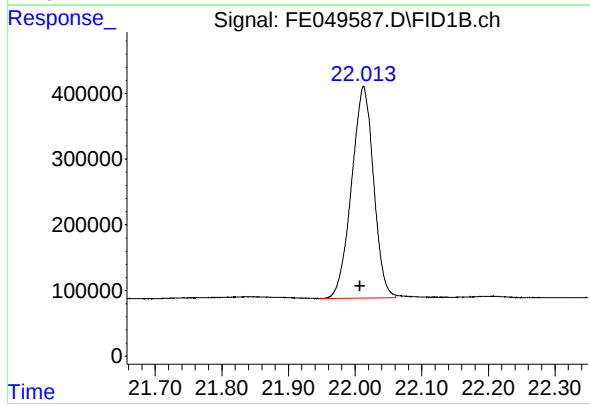
R.T.: 20.388 min
Delta R.T.: 0.004 min
Response: 7187614
Conc: 47.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: 0.005 min
Response: 7436187
Conc: 47.79 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: 0.005 min
Response: 7392720
Conc: 48.17 ug/ml