

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071724AL\
 Data File : FE049170.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 12:22
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 17 13:28:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 13:18:30 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)	11.916	7515081	47.269 ug/ml
Spiked Amount 50.000		Recovery =	94.54%
12) S 1-chlorooctadecane (S...	13.350	5751312	47.333 ug/ml
Spiked Amount 50.000		Recovery =	94.67%
Target Compounds			
1) T n-Nonane (C9)	3.302	7347472	48.344 ug/ml
2) T n-Decane (C10)	4.552	7486594	47.607 ug/ml
3) T A~Naphthalene (C11.7)	6.258	7718362	47.602 ug/ml
4) T n-Dodecane (C12)	6.719	7439325	47.304 ug/ml
5) T A~2-methylnaphthalene...	7.354	7292378	47.392 ug/ml
6) T n-Tetradecane (C14)	8.546	7280211	47.269 ug/ml
7) T n-Hexadecane (C16)	10.154	7360731	47.282 ug/ml
8) T n-Octadecane (C18)	11.597	7331231	47.231 ug/ml
10) T n-Eicosane (C20)	12.906	6972684	47.218 ug/ml
11) T n-Heneicosane (C21)	13.517	6842823	47.203 ug/ml
13) T n-Docosane (C22)	14.103	6795115	47.236 ug/ml
14) T n-Tetracosane (C24)	15.205	6802682	47.367 ug/ml
15) T n-Hexacosane (C26)	16.225	6758100	47.239 ug/ml
16) T n-Octacosane (C28)	17.173	6709234	47.120 ug/ml
17) T n-Tricontane (C30)	18.061	6868220	46.726 ug/ml
18) T n-Dotriacontane (C32)	18.893	6858695	46.650 ug/ml
19) T n-Tetratriacontane (C34)	19.675	6868946	46.797 ug/ml
20) T n-Hexatriacontane (C36)	20.416	7019749	47.278 ug/ml
21) T n-Octatriacontane (C38)	21.149	7171299	47.244 ug/ml
22) T n-Tetracontane (C40)	22.057	7245951	47.301 ug/ml

(f)=RT Delta > 1/2 Window

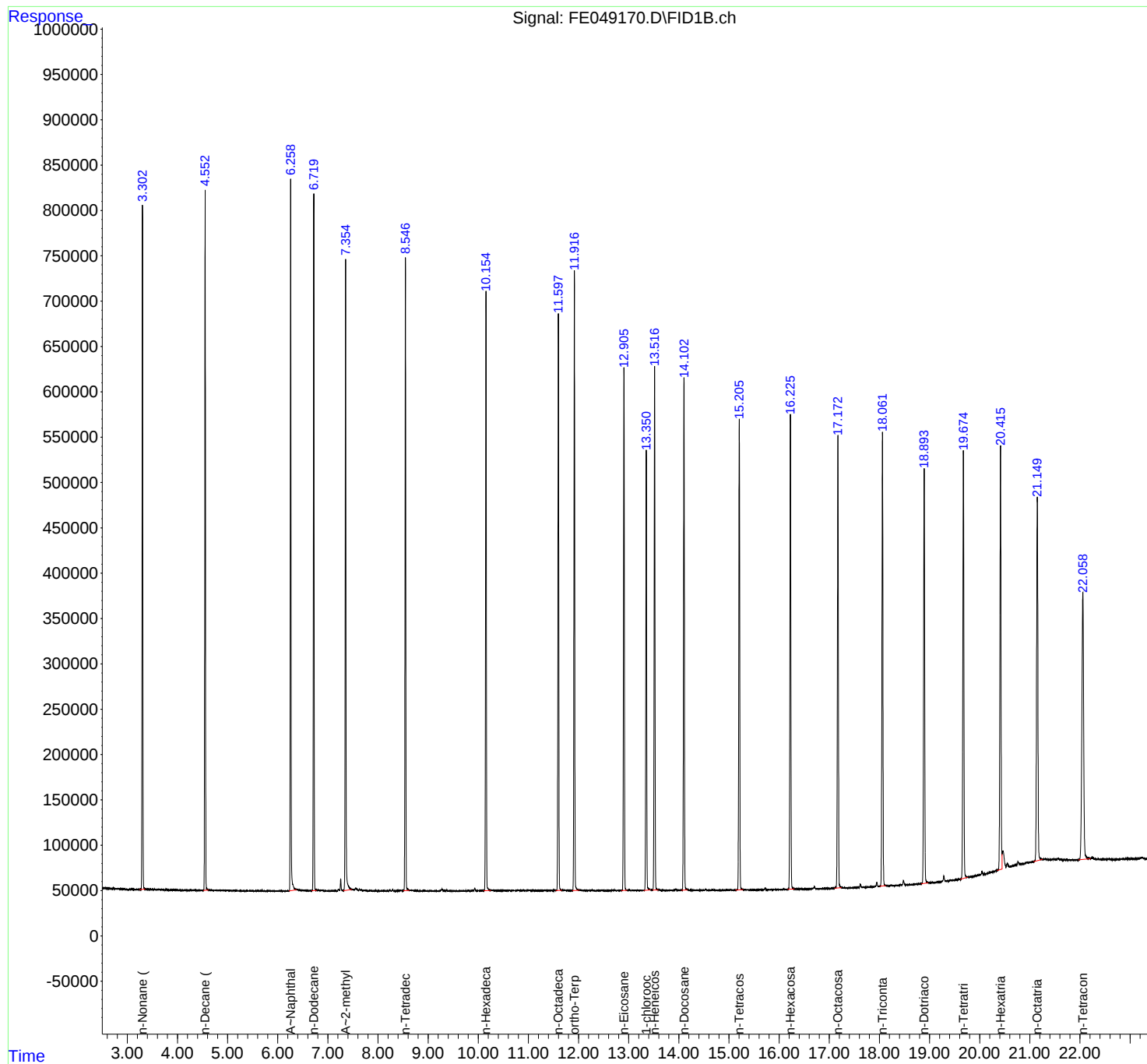
(m)=manual int.

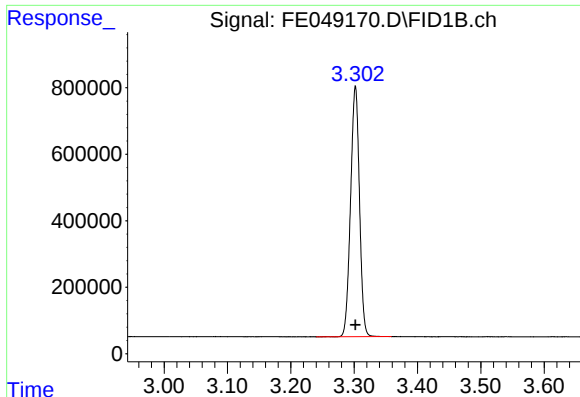
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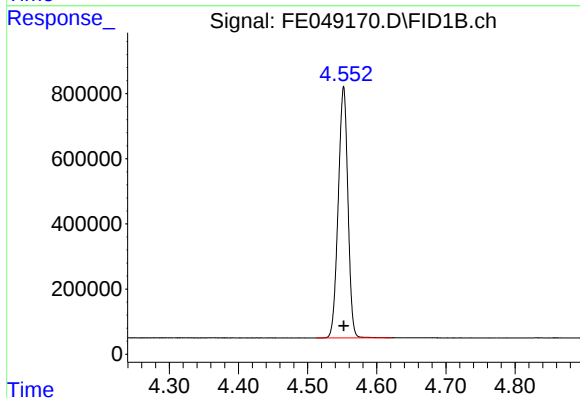




#1 n-Nonane (C9)

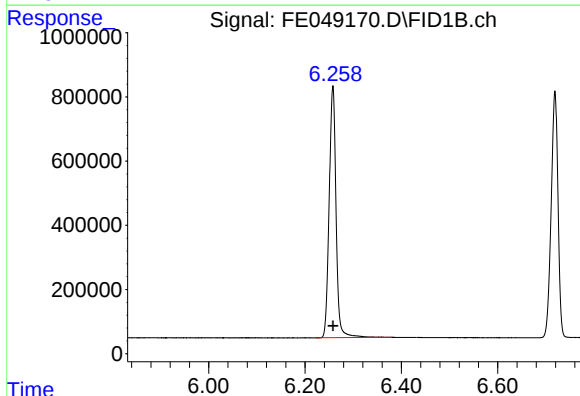
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 7347472
Conc: 48.34 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



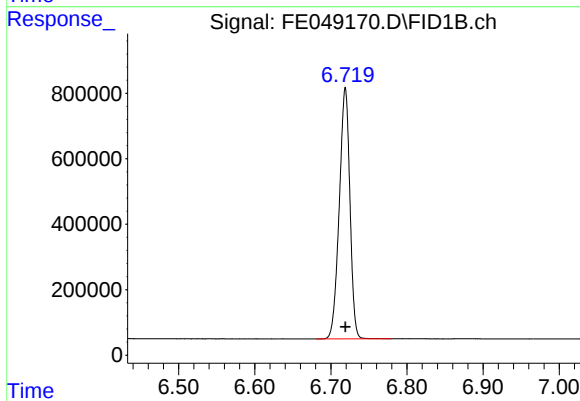
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 7486594
Conc: 47.61 ug/ml



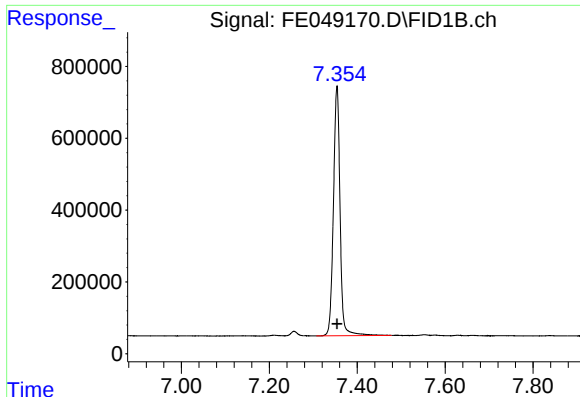
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 7718362
Conc: 47.60 ug/ml



#4 n-Dodecane (C12)

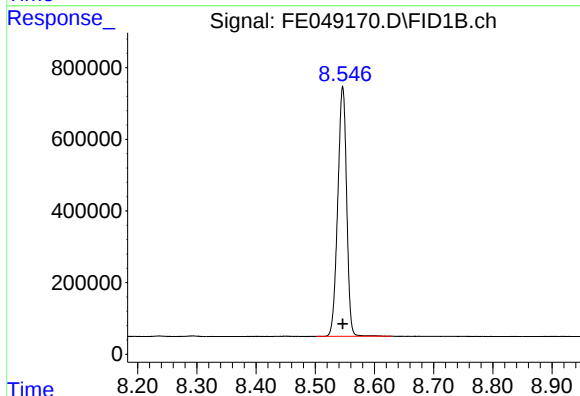
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 7439325
Conc: 47.30 ug/ml



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

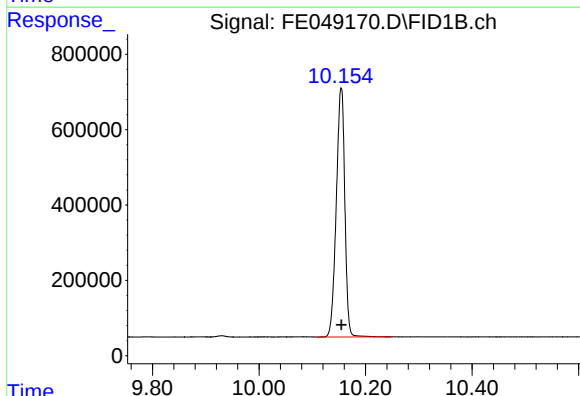
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 7292378
Conc: 47.39 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



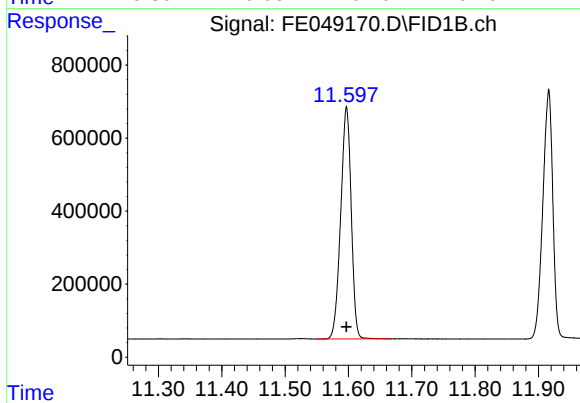
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 7280211
Conc: 47.27 ug/ml



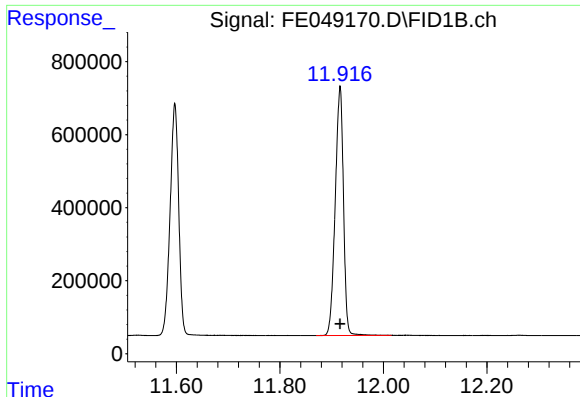
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 7360731
Conc: 47.28 ug/ml



#8 n-Octadecane (C18)

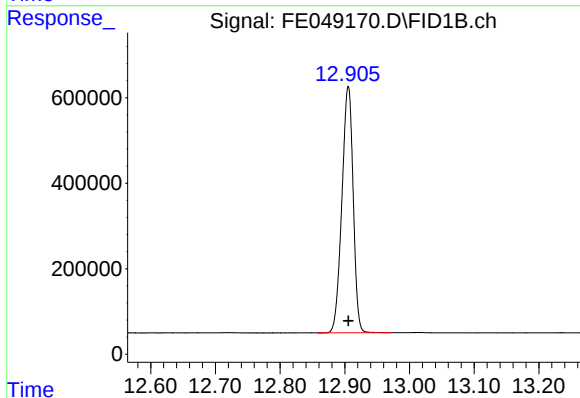
R.T.: 11.597 min
Delta R.T.: 0.000 min
Response: 7331231
Conc: 47.23 ug/ml



#9 ortho-Terphenyl (SURR)

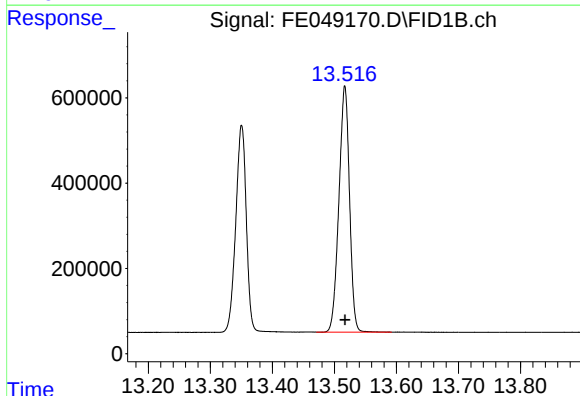
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 7515081
Conc: 47.27 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



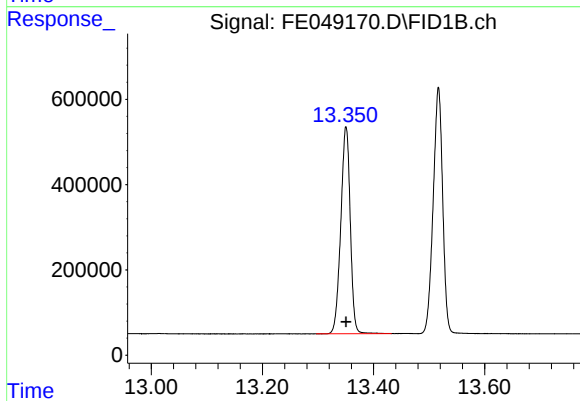
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: 0.000 min
Response: 6972684
Conc: 47.22 ug/ml



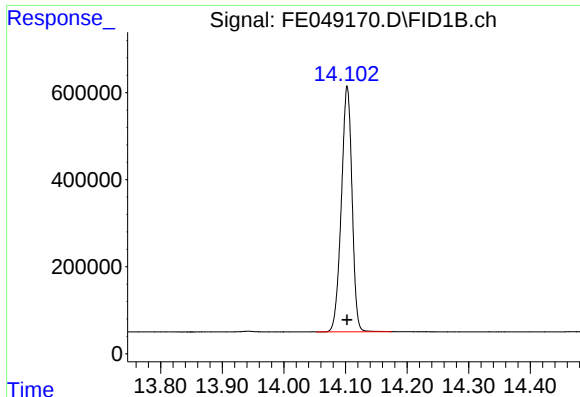
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.000 min
Response: 6842823
Conc: 47.20 ug/ml



#12 1-chlorooctadecane (SURR)

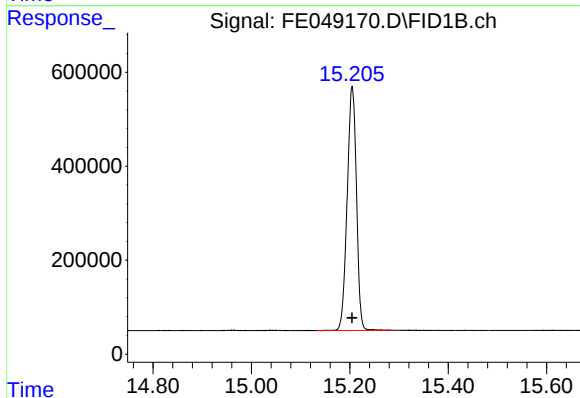
R.T.: 13.350 min
Delta R.T.: 0.000 min
Response: 5751312
Conc: 47.33 ug/ml



#13 n-Docosane (C22)

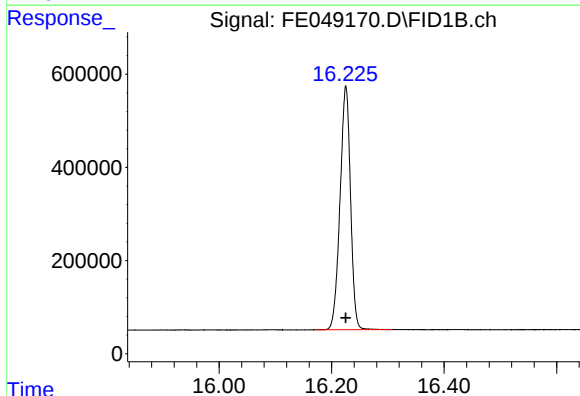
R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 6795115
Conc: 47.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



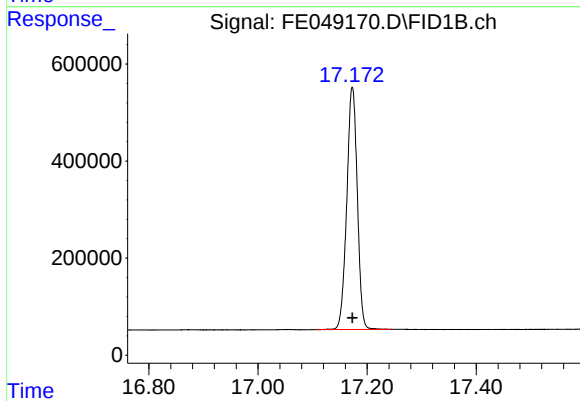
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: 0.000 min
Response: 6802682
Conc: 47.37 ug/ml



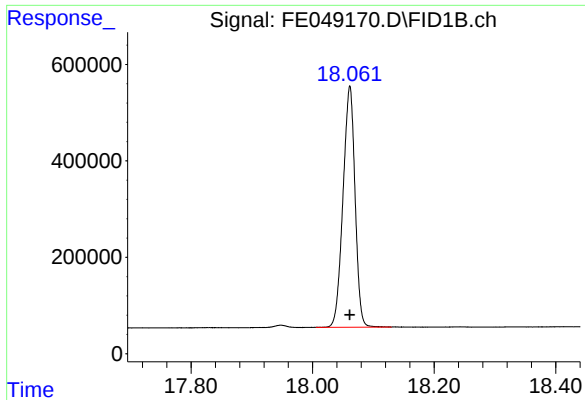
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 6758100
Conc: 47.24 ug/ml



#16 n-Octacosane (C28)

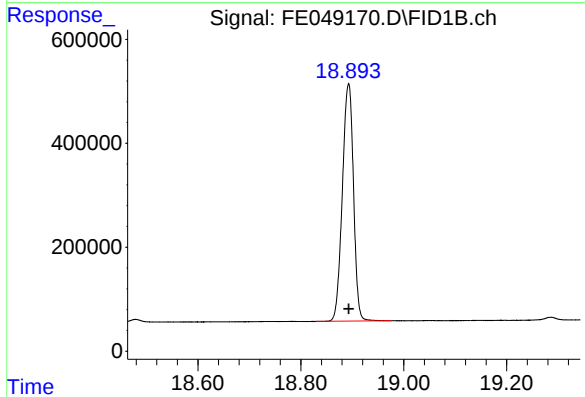
R.T.: 17.173 min
Delta R.T.: 0.000 min
Response: 6709234
Conc: 47.12 ug/ml



#17 n-Tricontane (C30)

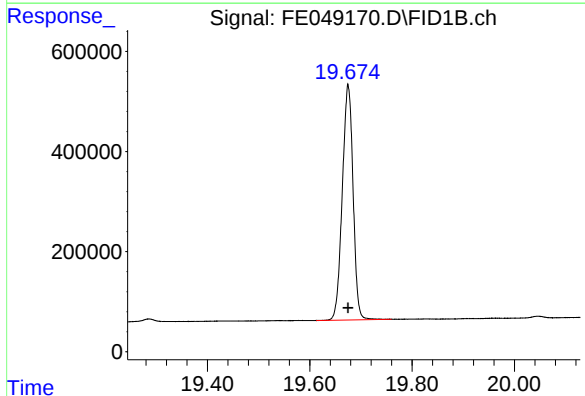
R.T.: 18.061 min
Delta R.T.: 0.000 min
Response: 6868220
Conc: 46.73 ug/ml

Instrument :
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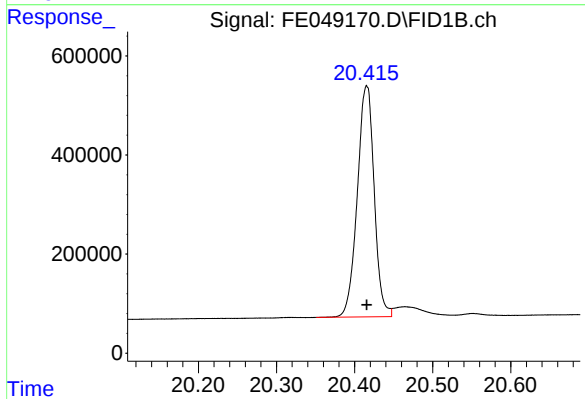
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 6858695
Conc: 46.65 ug/ml



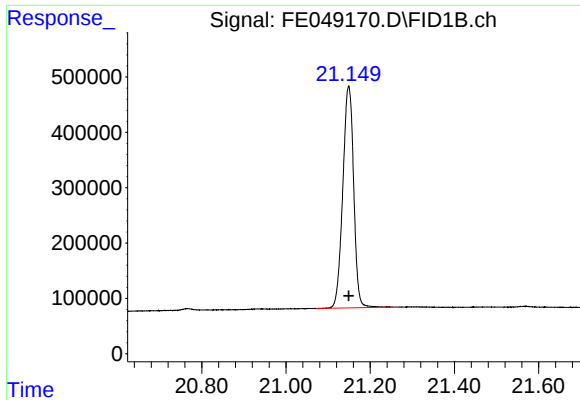
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.000 min
Response: 6868946
Conc: 46.80 ug/ml



#20 n-Hexatriacontane (C36)

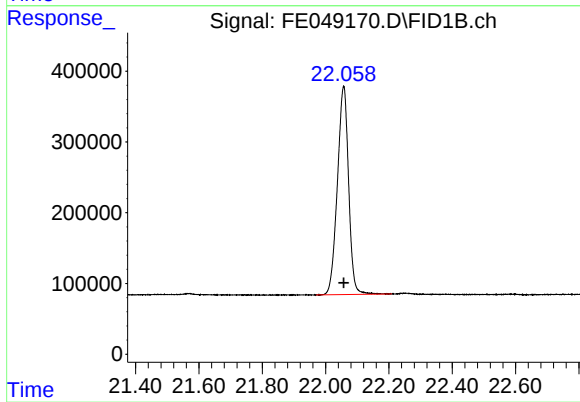
R.T.: 20.416 min
Delta R.T.: 0.000 min
Response: 7019749
Conc: 47.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: 0.000 min
Response: 7171299
Conc: 47.24 ug/ml

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

R.T.: 22.057 min
Delta R.T.: 0.000 min
Response: 7245951
Conc: 47.30 ug/ml