

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
 Data File : FE056356.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 20:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 17 08:38:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 2025
 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)	12.052	3949794	19.334 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
12) S 1-chlorooctadecane (S...	13.489	2945133	19.302 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.399	3229626	19.814 ug/ml
2) T n-Decane (C10)	4.652	3251290	19.771 ug/ml
3) T A~Naphthalene (C11.7)	6.369	3508004	19.844 ug/ml
4) T n-Dodecane (C12)	6.825	3303881	19.692 ug/ml
5) T A~2-methylnaphthalene...	7.470	3357383	20.149 ug/ml
6) T n-Tetradecane (C14)	8.662	3263139	19.642 ug/ml
7) T n-Hexadecane (C16)	10.277	3411575	19.499 ug/ml
8) T n-Octadecane (C18)	11.726	3525888	19.329 ug/ml
10) T n-Eicosane (C20)	13.040	3421073	19.214 ug/ml
11) T n-Heneicosane (C21)	13.654	3380745	19.269 ug/ml
13) T n-Docosane (C22)	14.243	3347619	18.912 ug/ml
14) T n-Tetracosane (C24)	15.350	3333057	18.320 ug/ml
15) T n-Hexacosane (C26)	16.374	3273041	18.233 ug/ml
16) T n-Octacosane (C28)	17.326	3193103	17.949 ug/ml
17) T n-Tricontane (C30)	18.216	3242704	17.860 ug/ml
18) T n-Dotriacontane (C32)	19.050	3153184	17.885 ug/ml
19) T n-Tetratriacontane (C34)	19.835	2883877	18.630 ug/ml
20) T n-Hexatriacontane (C36)	20.578	2529671	20.248 ug/ml
21) T n-Octatriacontane (C38)	21.347	2185918	20.922 ug/ml
22) T n-Tetracontane (C40)	22.324	1935013	21.324 ug/ml

(f)=RT Delta > 1/2 Window

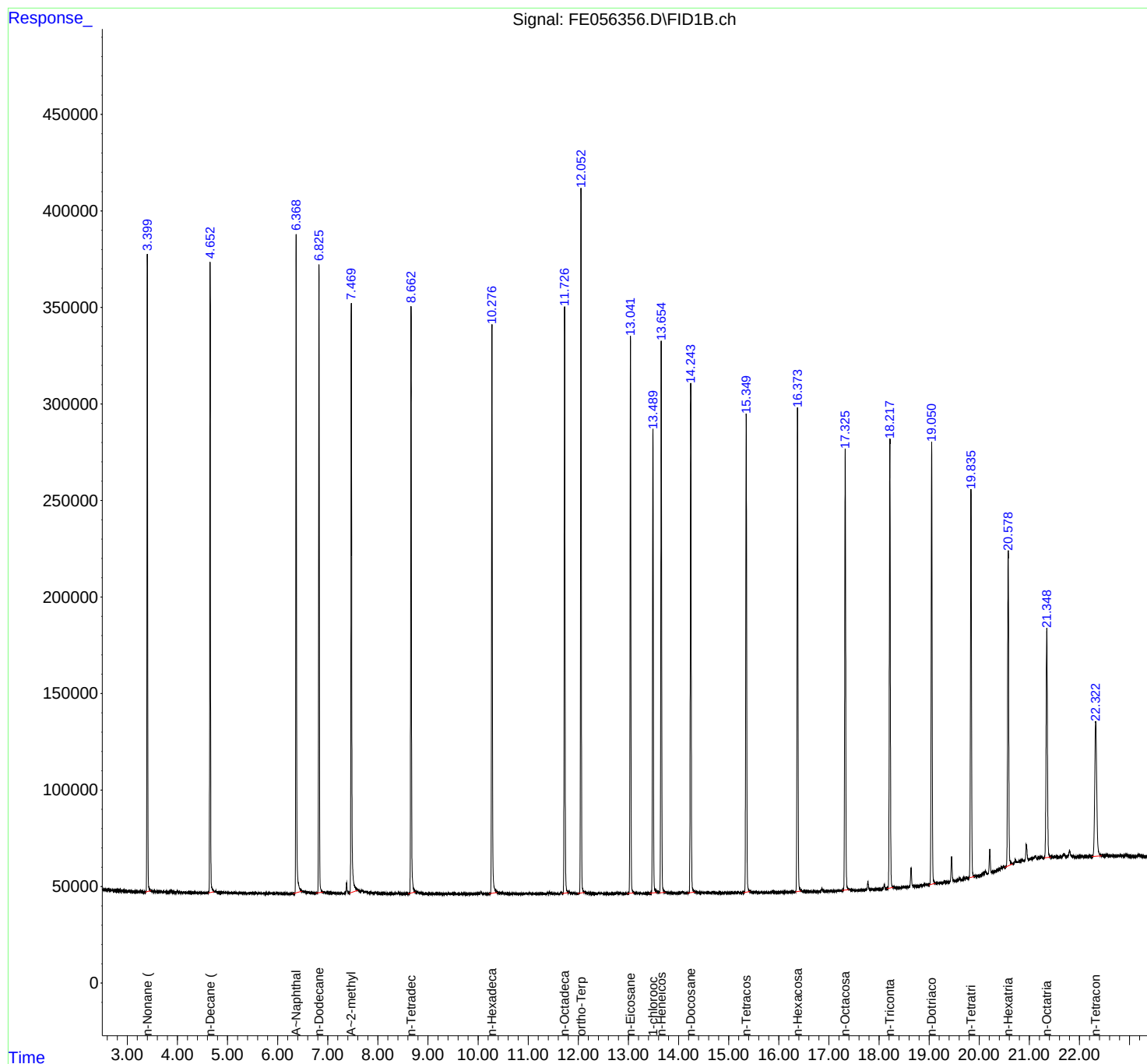
(m)=manual int.

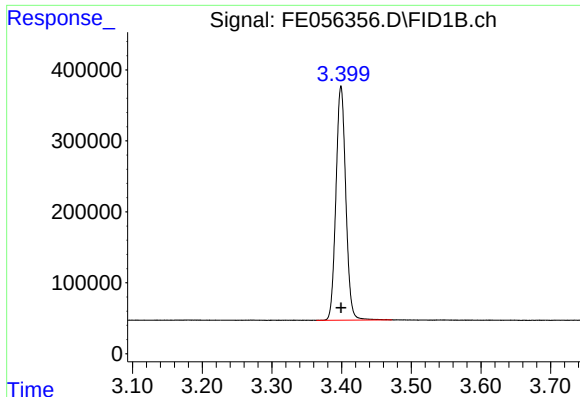
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
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Signal Info : 20M x 0.18mm x 0.18um

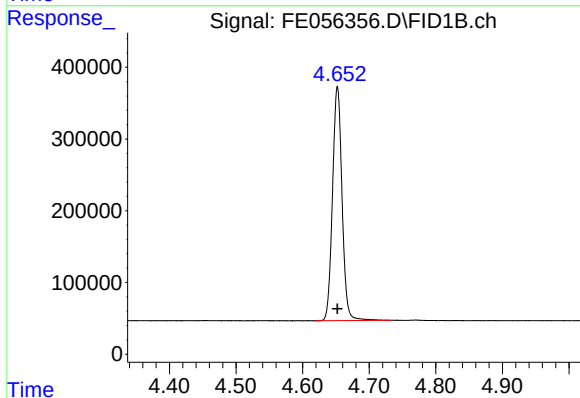




#1 n-Nonane (C9)

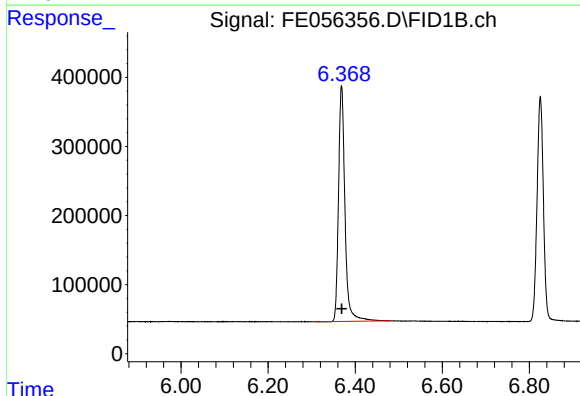
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 3229626
Conc: 19.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



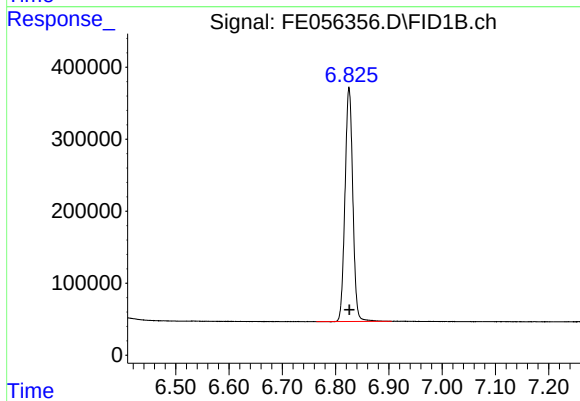
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3251290
Conc: 19.77 ug/ml



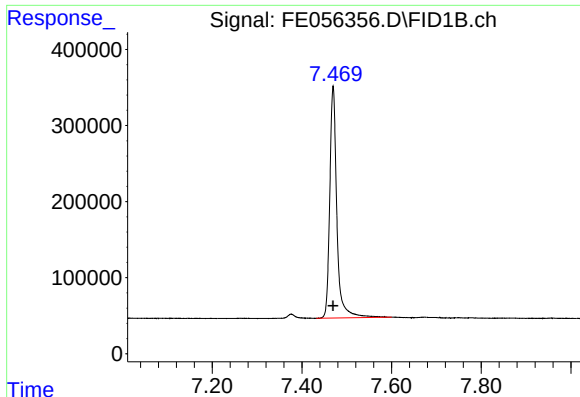
#3 A~Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 3508004
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

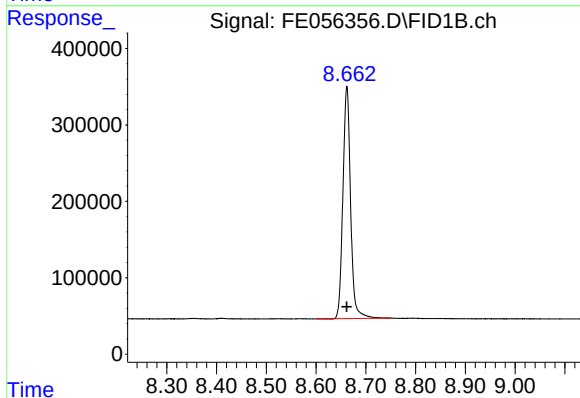
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 3303881
Conc: 19.69 ug/ml



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

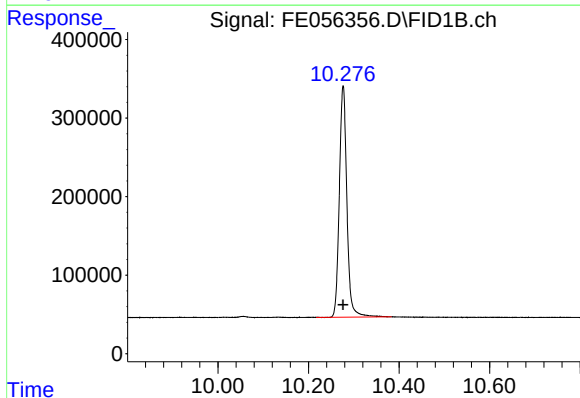
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3357383
Conc: 20.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



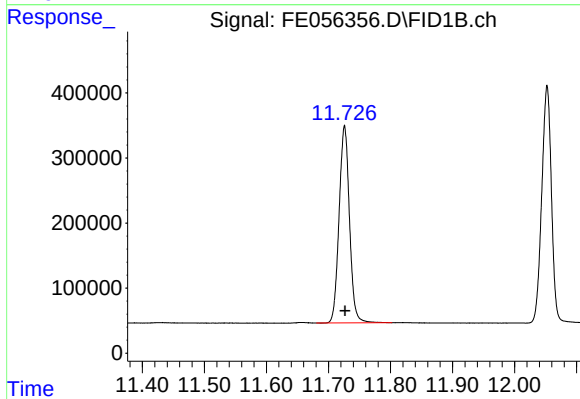
#6 n-Tetradecane (C14)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3263139
Conc: 19.64 ug/ml



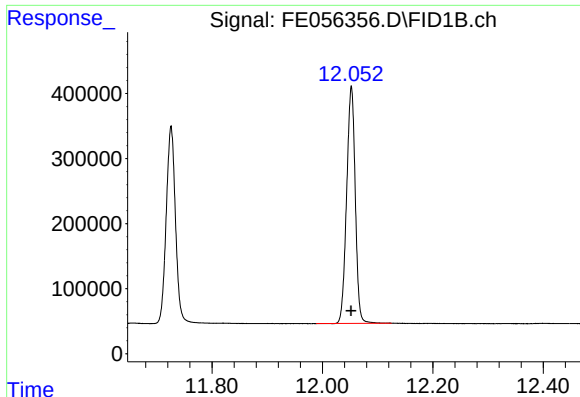
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 3411575
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.726 min
Delta R.T.: 0.000 min
Response: 3525888
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

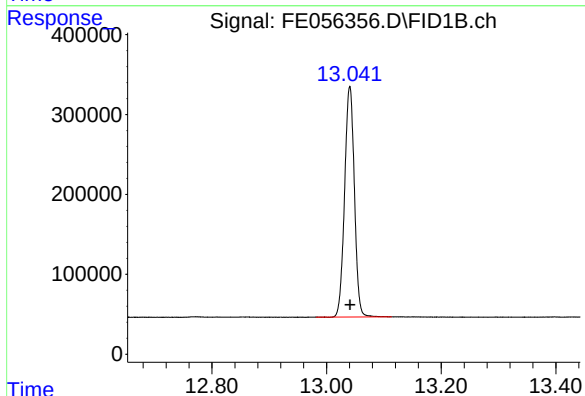
R.T.: 12.052 min
Delta R.T.: 0.000 min
Response: 3949794
Conc: 19.33 ug/ml

Instrument :

FID_E

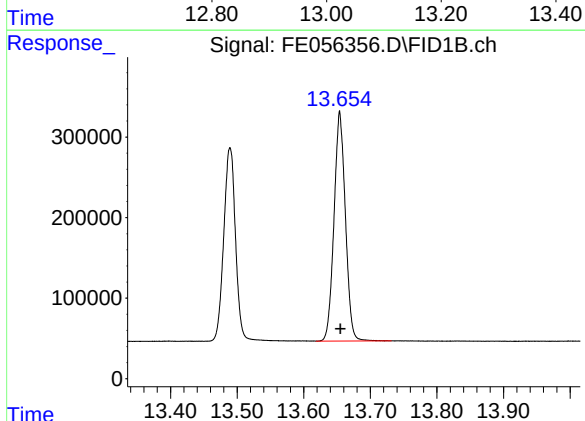
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



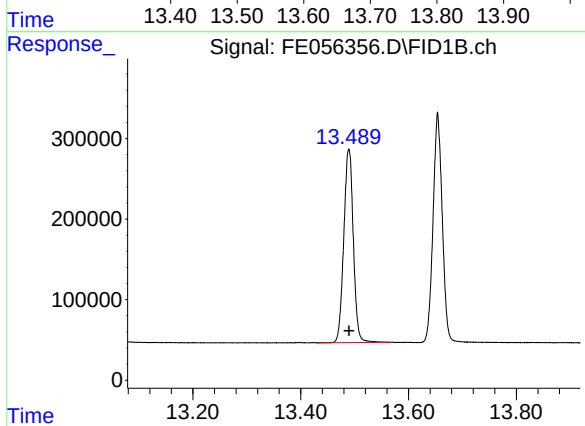
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 3421073
Conc: 19.21 ug/ml



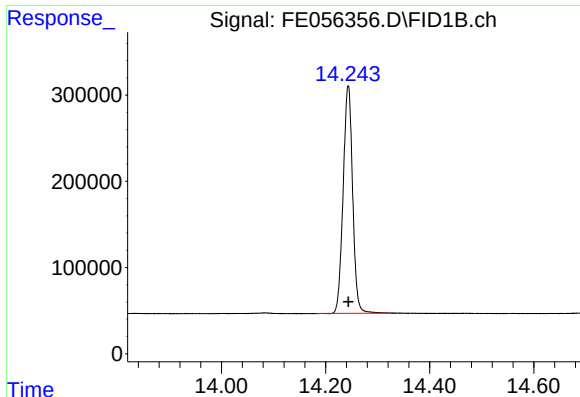
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: -0.001 min
Response: 3380745
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

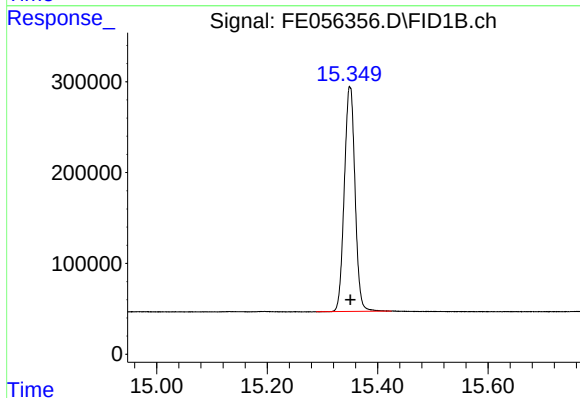
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 2945133
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

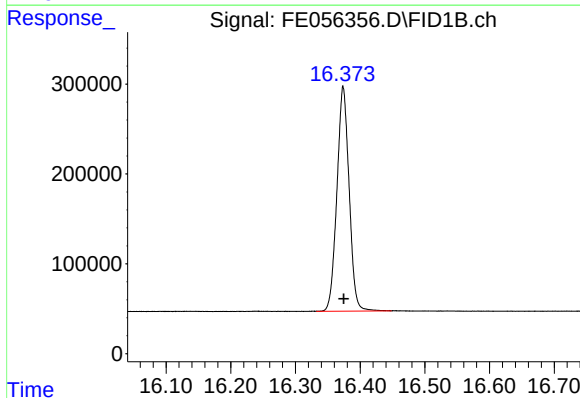
R.T.: 14.243 min
Delta R.T.: 0.000 min
Response: 3347619
Conc: 18.91 ug/ml

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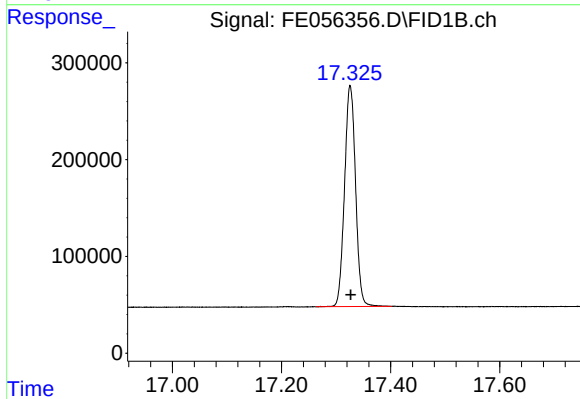
#14 n-Tetracosane (C24)

R.T.: 15.350 min
Delta R.T.: 0.000 min
Response: 3333057
Conc: 18.32 ug/ml



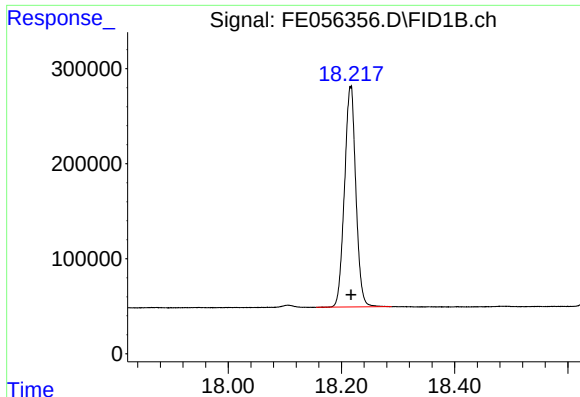
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: 0.000 min
Response: 3273041
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

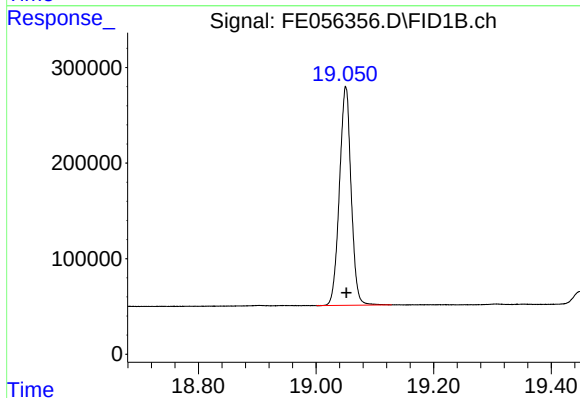
R.T.: 17.326 min
Delta R.T.: 0.000 min
Response: 3193103
Conc: 17.95 ug/ml



#17 n-Tricontane (C30)

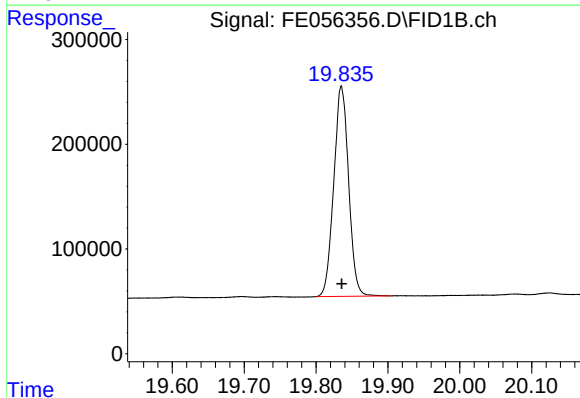
R.T.: 18.216 min
Delta R.T.: 0.000 min
Response: 3242704
Conc: 17.86 ug/ml

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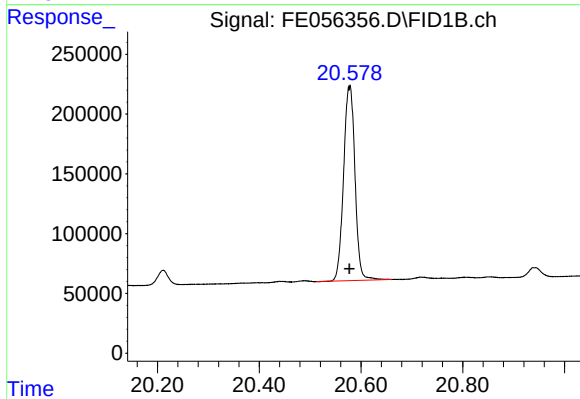
#18 n-Dotriacontane (C32)

R.T.: 19.050 min
Delta R.T.: -0.001 min
Response: 3153184
Conc: 17.89 ug/ml



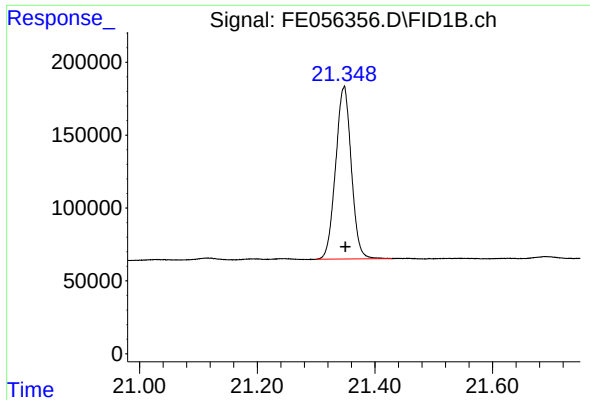
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: 0.000 min
Response: 2883877
Conc: 18.63 ug/ml



#20 n-Hexatriacontane (C36)

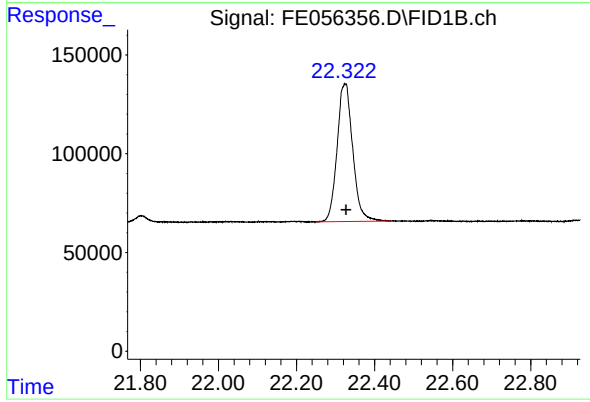
R.T.: 20.578 min
Delta R.T.: 0.000 min
Response: 2529671
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.347 min
Delta R.T.: -0.003 min
Response: 2185918
Conc: 20.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.324 min
Delta R.T.: -0.003 min
Response: 1935013
Conc: 21.32 ug/ml