

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121622AL\
 Data File : FE039350.D
 Signal(s) : FID1B.ch
 Acq On : 16 Dec 2022 14:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 16 16:27:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.942	3170037	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	13.379	2452092	20.309 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	3.333	2711178	19.127 ug/ml
2) T n-Decane (C10)	4.583	2670517	19.160 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3060995	19.245 ug/ml
4) T n-Dodecane (C12)	6.747	2730278	19.369 ug/ml
5) T A~2-methylnaphthalene...	7.383	2889881	19.309 ug/ml
6) T n-Tetradecane (C14)	8.574	2795637	19.574 ug/ml
7) T n-Hexadecane (C16)	10.181	2911814	19.915 ug/ml
8) T n-Octadecane (C18)	11.623	2962022	20.129 ug/ml
10) T n-Eicosane (C20)	12.933	2888220	20.345 ug/ml
11) T n-Heneicosane (C21)	13.545	2884386	20.298 ug/ml
13) T n-Docosane (C22)	14.132	2860227	20.461 ug/ml
14) T n-Tetracosane (C24)	15.236	2835964	20.535 ug/ml
15) T n-Hexacosane (C26)	16.257	2750479	20.478 ug/ml
16) T n-Octacosane (C28)	17.208	2739100	20.626 ug/ml
17) T n-Tricontane (C30)	18.095	2778691	21.041 ug/ml
18) T n-Dotriacontane (C32)	18.929	2826273	21.192 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2737985	20.692 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2633477	20.499 ug/ml
21) T n-Octatriacontane (C38)	21.193	2814481	21.479 ug/ml
22) T n-Tetracontane (C40)	22.113	2608650	19.158 ug/ml

(f)=RT Delta > 1/2 Window

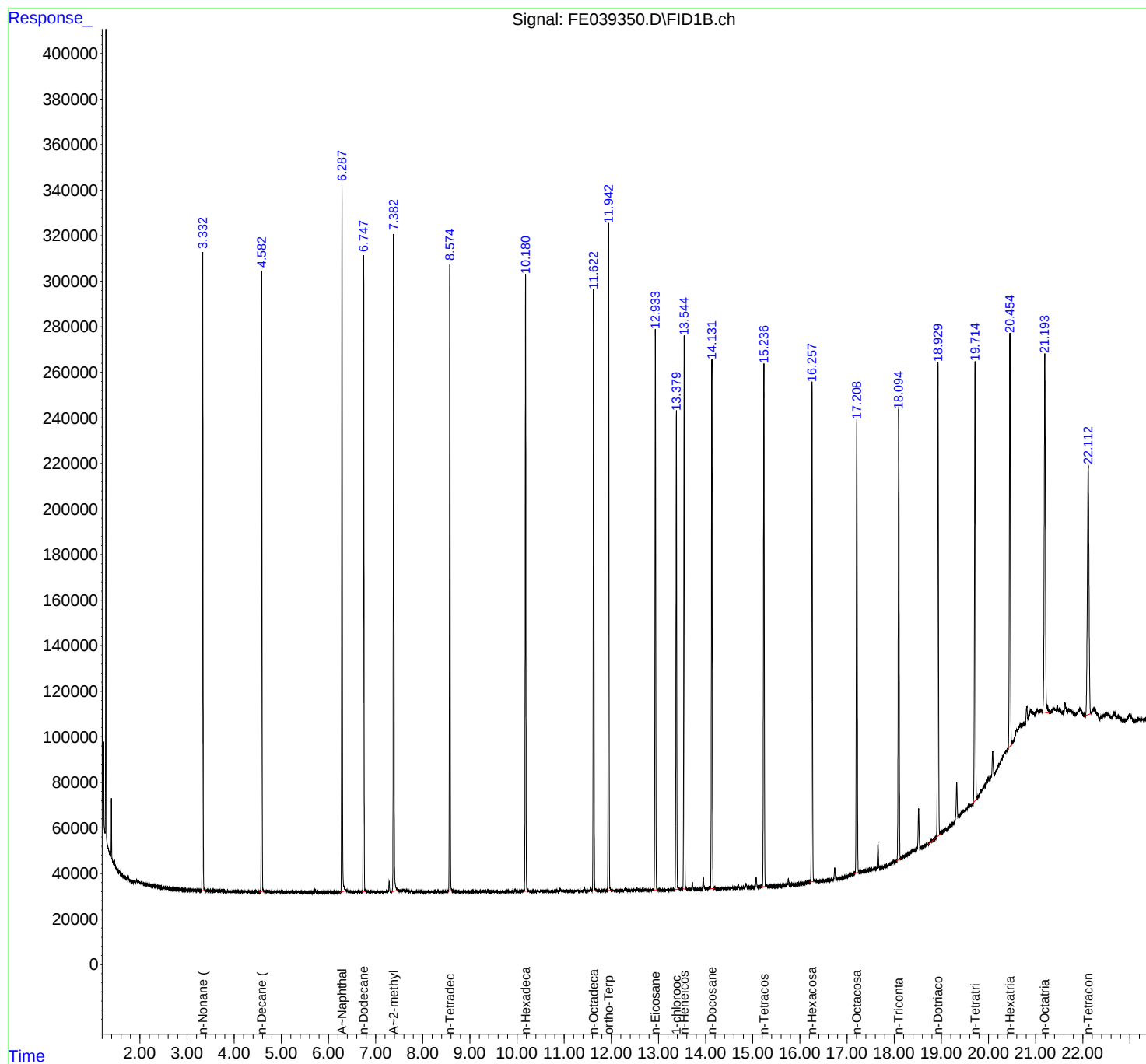
(m)=manual int.

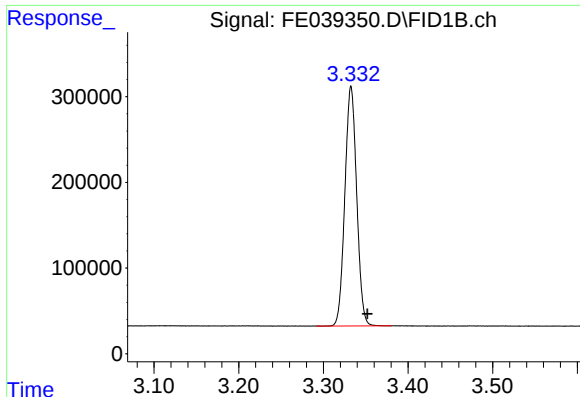
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121622AL\
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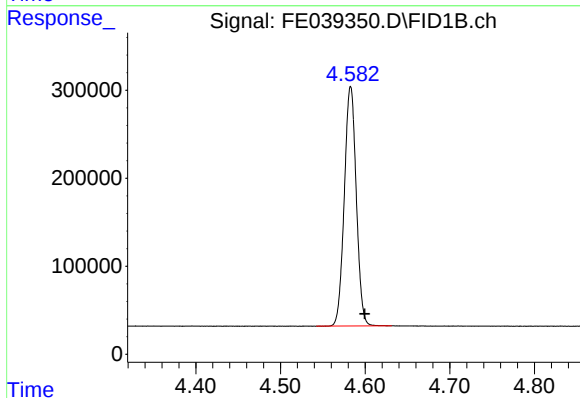




#1 n-Nonane (C9)

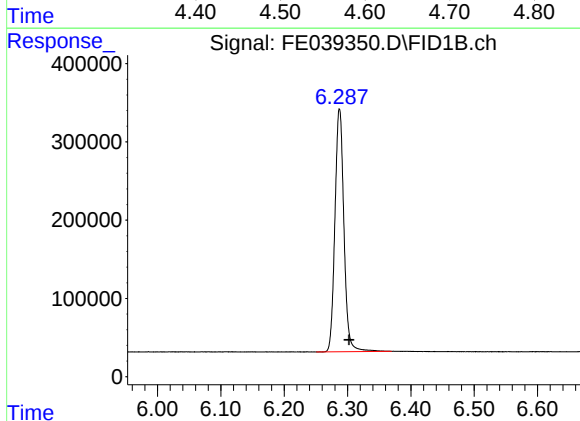
R.T.: 3.333 min
Delta R.T.: -0.019 min
Response: 2711178
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



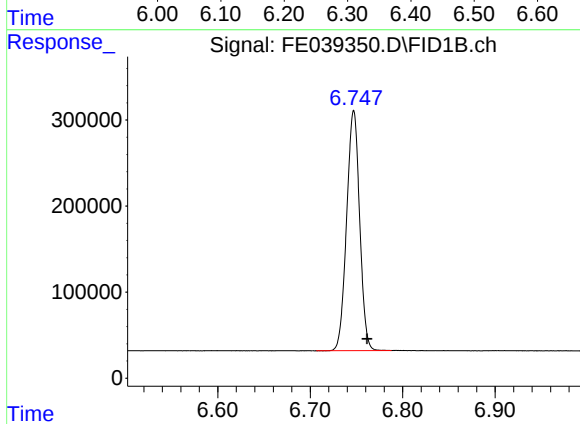
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 2670517
Conc: 19.16 ug/ml



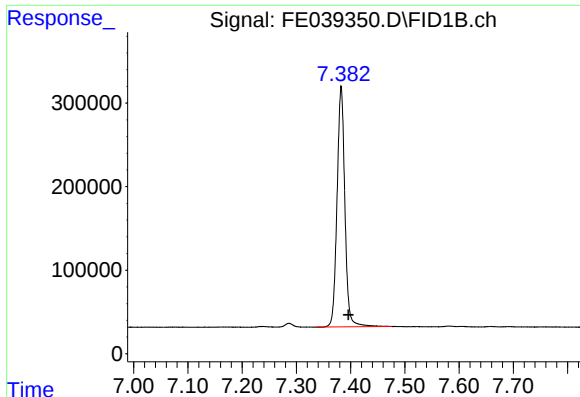
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 3060995
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

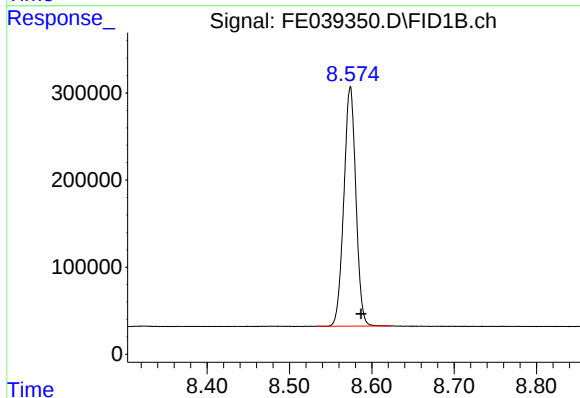
R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 2730278
Conc: 19.37 ug/ml



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

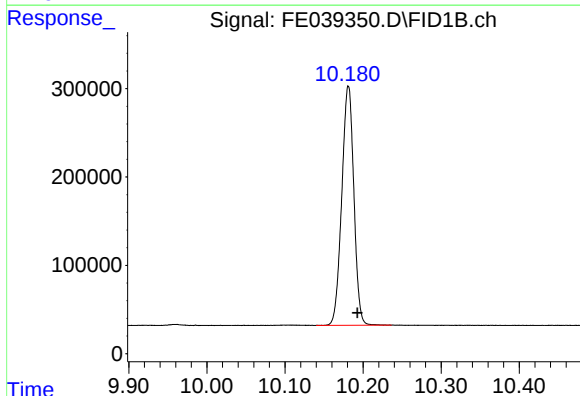
R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 2889881
Conc: 19.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



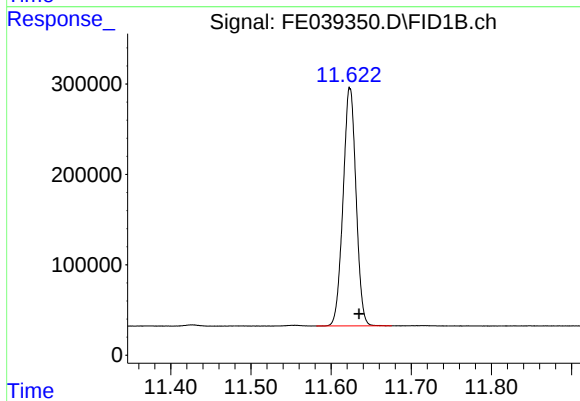
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.013 min
Response: 2795637
Conc: 19.57 ug/ml



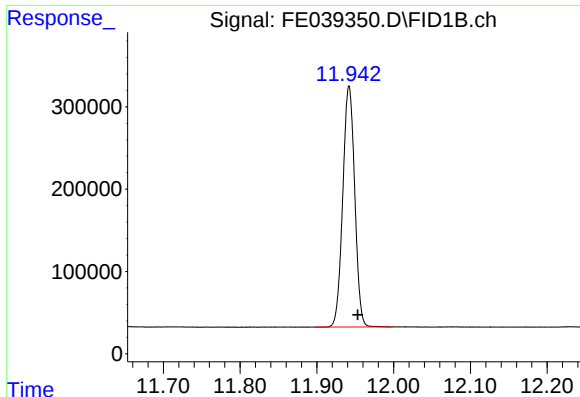
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 2911814
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

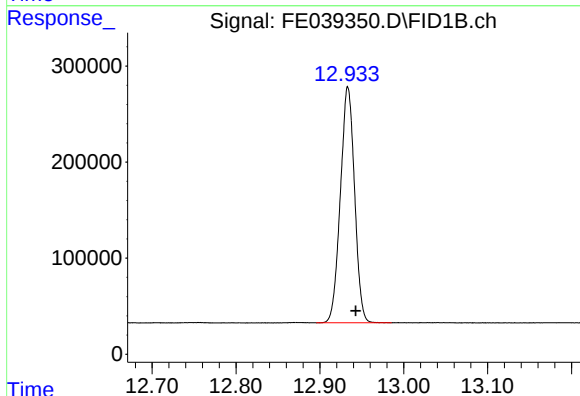
R.T.: 11.623 min
Delta R.T.: -0.011 min
Response: 2962022
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

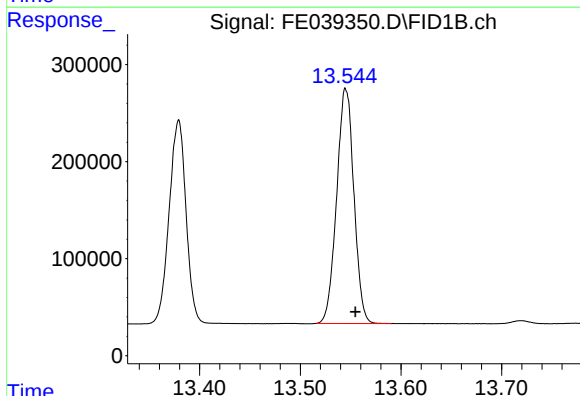
R.T.: 11.942 min
Delta R.T.: -0.011 min
Response: 3170037
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



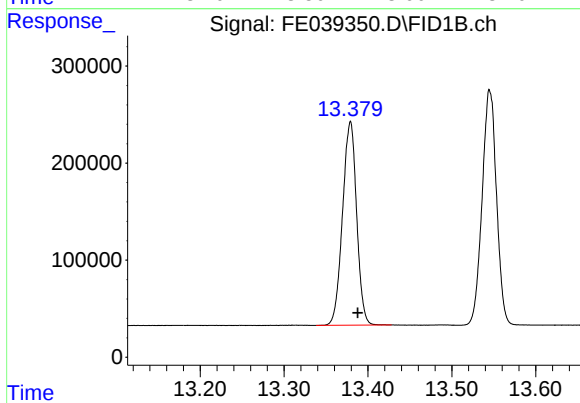
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.009 min
Response: 2888220
Conc: 20.34 ug/ml



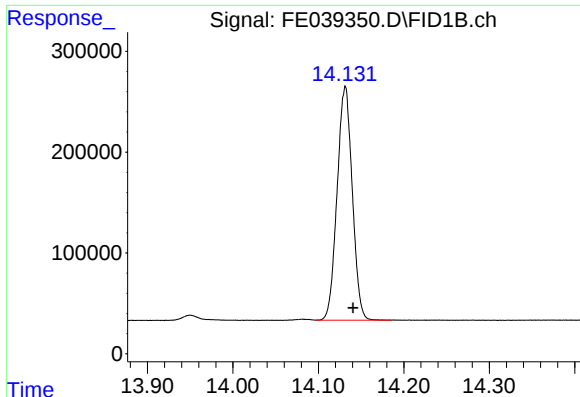
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.010 min
Response: 2884386
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

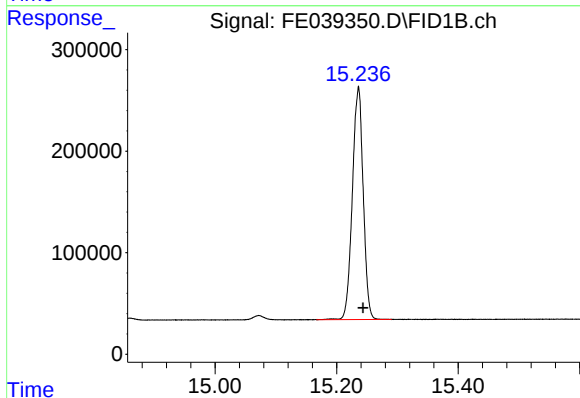
R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 2452092
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

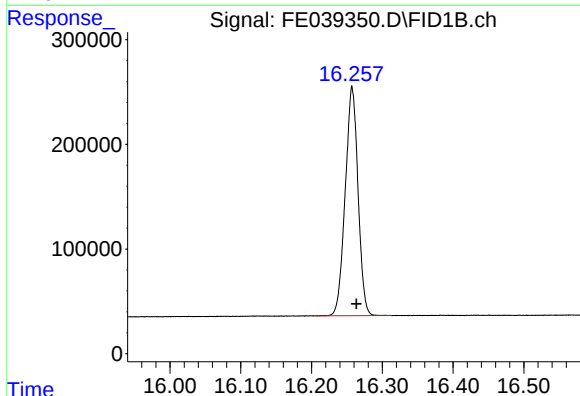
R.T.: 14.132 min
Delta R.T.: -0.009 min
Response: 2860227
Conc: 20.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



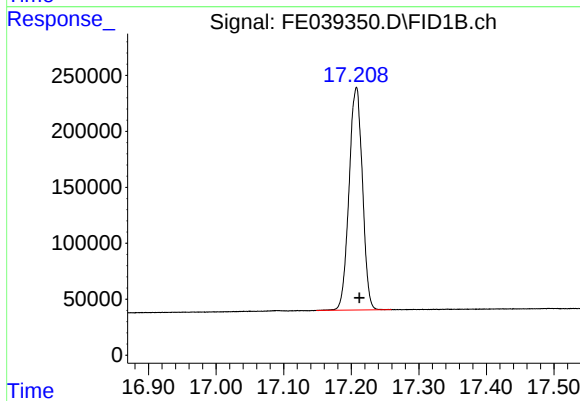
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.007 min
Response: 2835964
Conc: 20.53 ug/ml



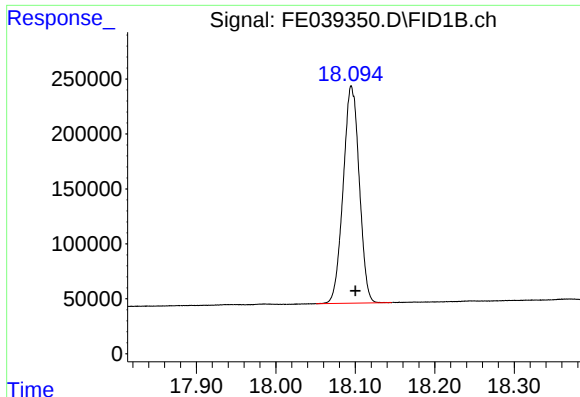
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 2750479
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

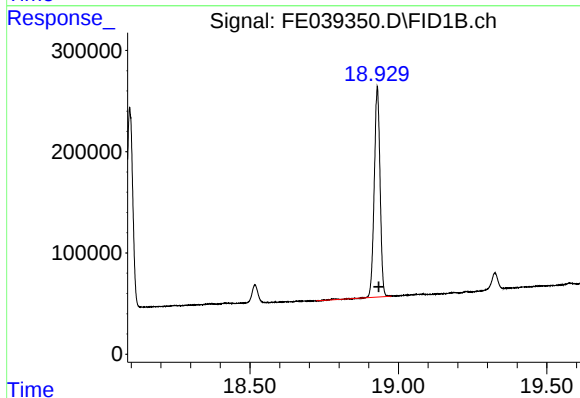
R.T.: 17.208 min
Delta R.T.: -0.004 min
Response: 2739100
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

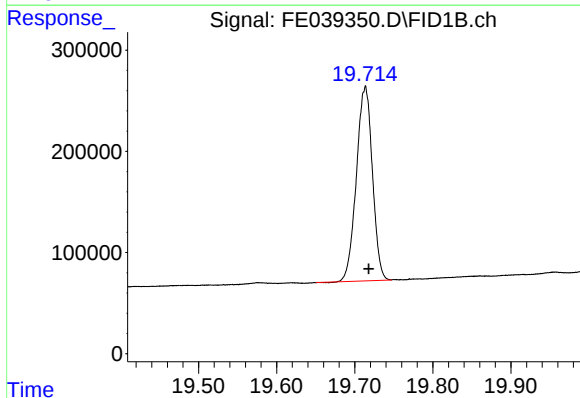
R.T.: 18.095 min
Delta R.T.: -0.005 min
Response: 2778691
Conc: 21.04 ug/ml

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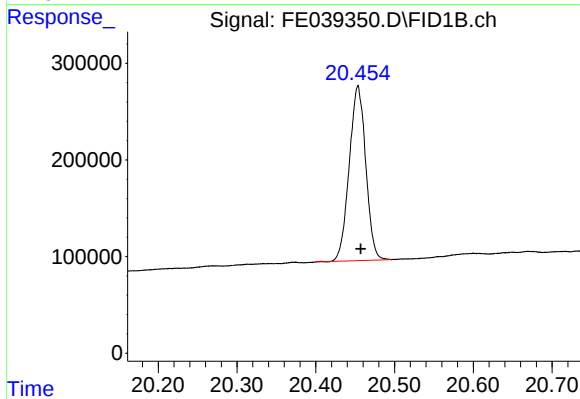
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.004 min
Response: 2826273
Conc: 21.19 ug/ml



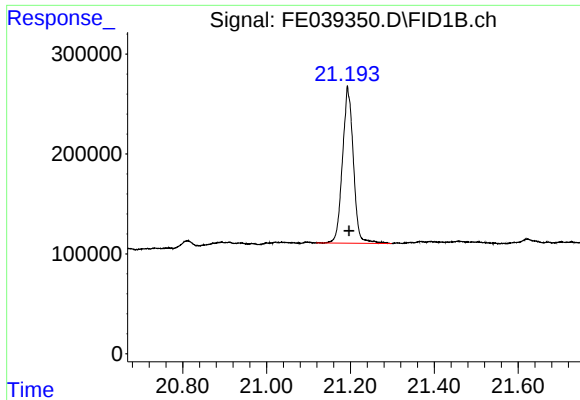
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 2737985
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

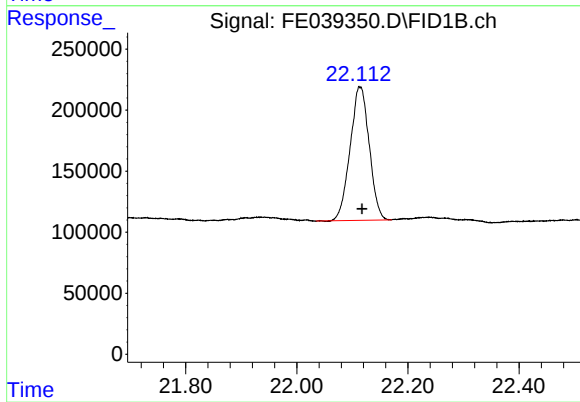
R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 2633477
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.004 min
Response: 2814481
Conc: 21.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.004 min
Response: 2608650
Conc: 19.16 ug/ml