

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054714.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 20:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 08 03:32:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.080	3116504	19.191 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.517	2373264	18.792 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T n-Nonane (C9)	3.422	2702358	20.091 ug/ml
2) T n-Decane (C10)	4.679	2805508	20.561 ug/ml
3) T A~Naphthalene (C11.7)	6.396	3103739	20.498 ug/ml
4) T n-Dodecane (C12)	6.854	2854422	20.804 ug/ml
5) T A~2-methylnaphthalene...	7.498	3017517	20.527 ug/ml
6) T n-Tetradecane (C14)	8.691	2868457	20.692 ug/ml
7) T n-Hexadecane (C16)	10.306	2922893	20.510 ug/ml
8) T n-Octadecane (C18)	11.755	2918884	19.917 ug/ml
10) T n-Eicosane (C20)	13.069	2797954	19.458 ug/ml
11) T n-Heneicosane (C21)	13.684	2701510	18.914 ug/ml
13) T n-Docosane (C22)	14.272	2787520	19.522 ug/ml
14) T n-Tetracosane (C24)	15.335	78916	0.543 ug/ml
15) T n-Hexacosane (C26)	16.401	2998209	20.718 ug/ml
16) T n-Octacosane (C28)	17.353	3091443	21.212 ug/ml
17) T n-Tricontane (C30)	18.244	3243574	20.583 ug/ml
18) T n-Dotriacontane (C32)	19.077	3062526	18.929 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2668170	17.509 ug/ml
20) T n-Hexatriacontane (C36)	20.554	110790	0.824 ug/ml
21) T n-Octatriacontane (C38)	21.384	2549825	21.741 ug/ml
22) T n-Tetracontane (C40)	22.375f	2331594	21.512 ug/ml

(f)=RT Delta > 1/2 Window

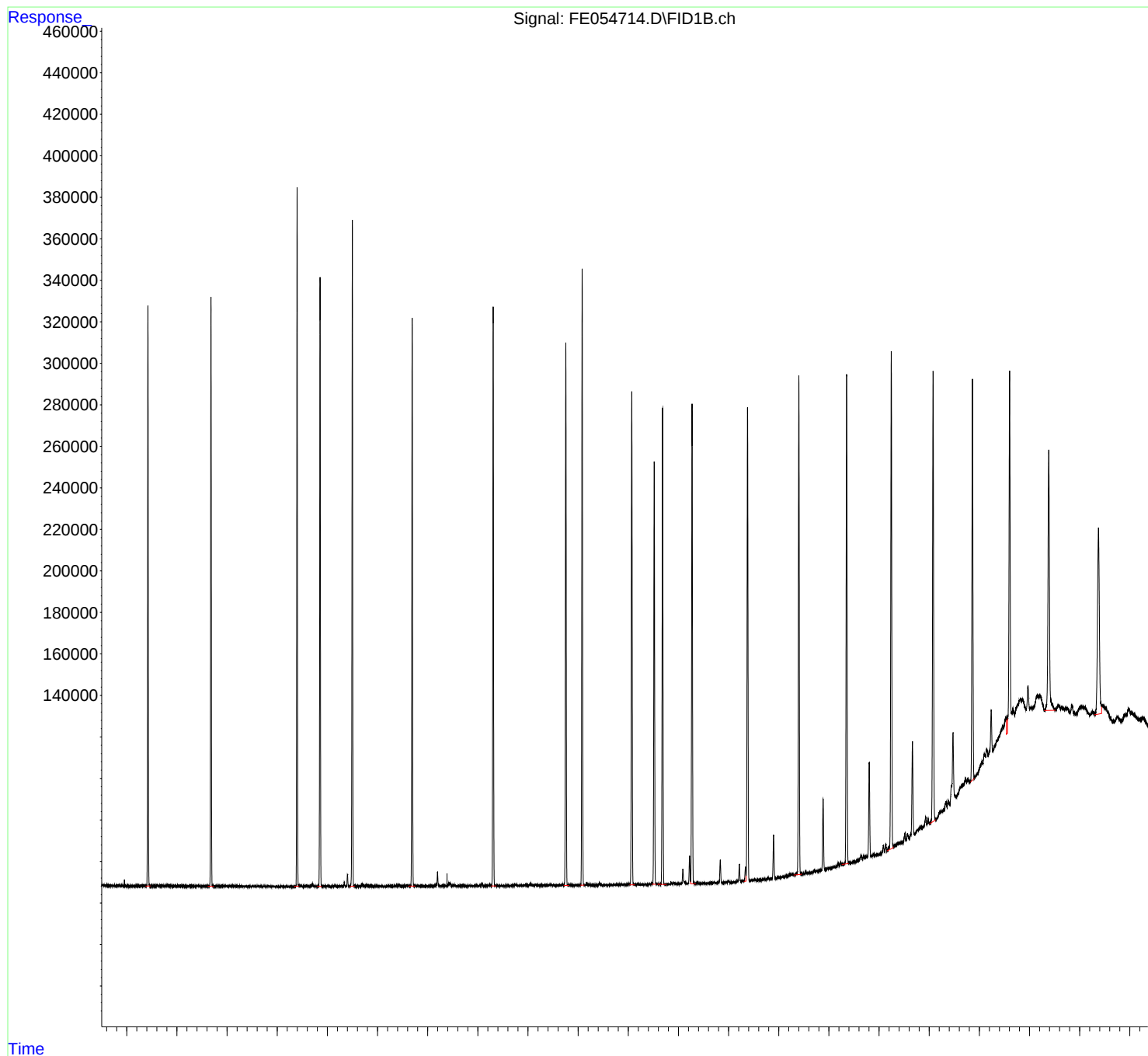
(m)=manual int.

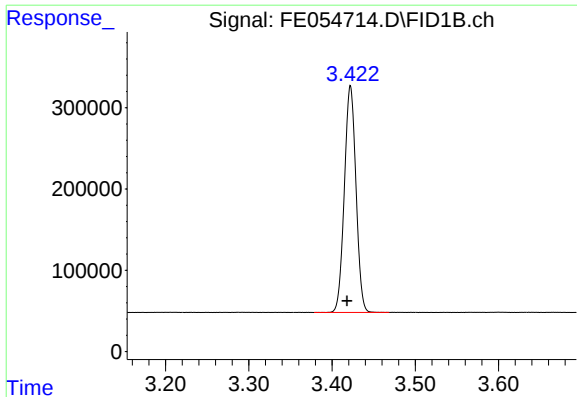
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
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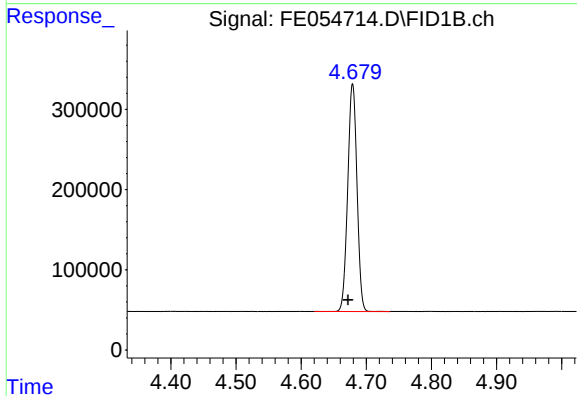




#1 n-Nonane (C9)

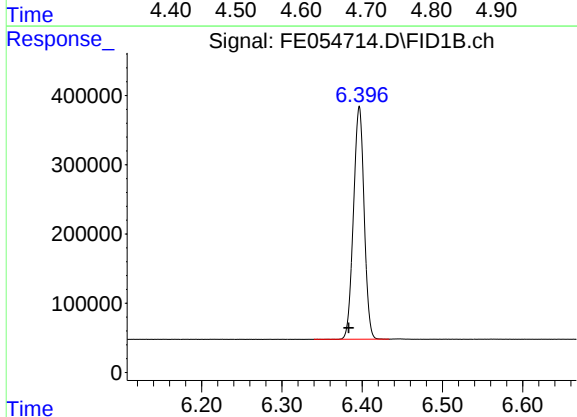
R.T.: 3.422 min
Delta R.T.: 0.004 min
Response: 2702358
Conc: 20.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



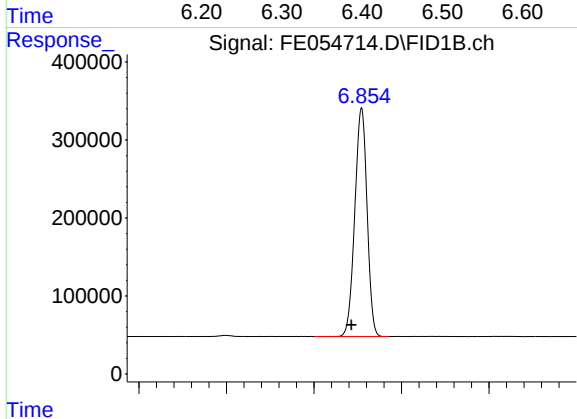
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: 0.007 min
Response: 2805508
Conc: 20.56 ug/ml



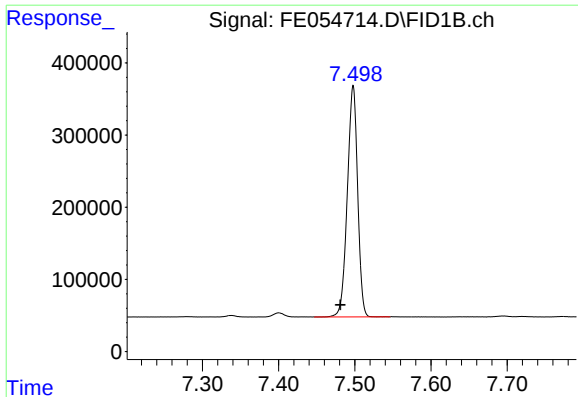
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.013 min
Response: 3103739
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

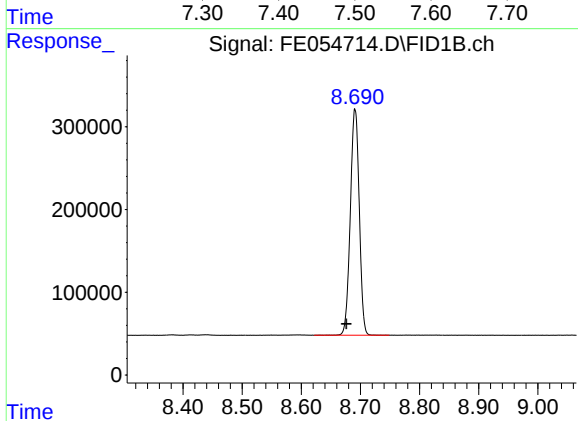
R.T.: 6.854 min
Delta R.T.: 0.012 min
Response: 2854422
Conc: 20.80 ug/ml



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

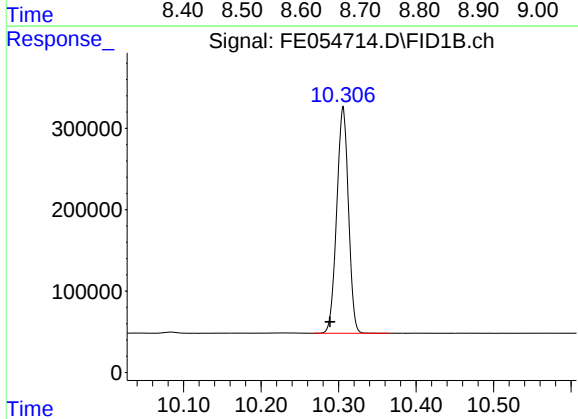
R.T.: 7.498 min
Delta R.T.: 0.017 min
Response: 3017517
Conc: 20.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



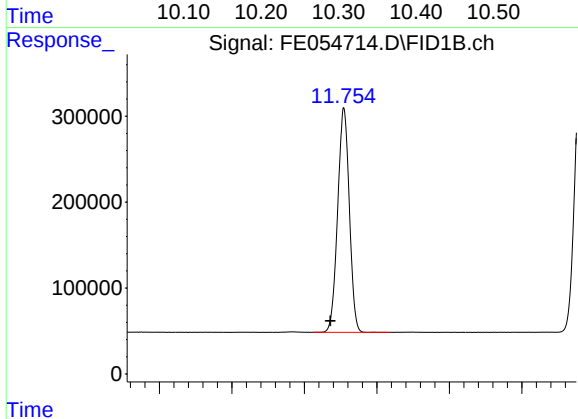
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: 0.015 min
Response: 2868457
Conc: 20.69 ug/ml



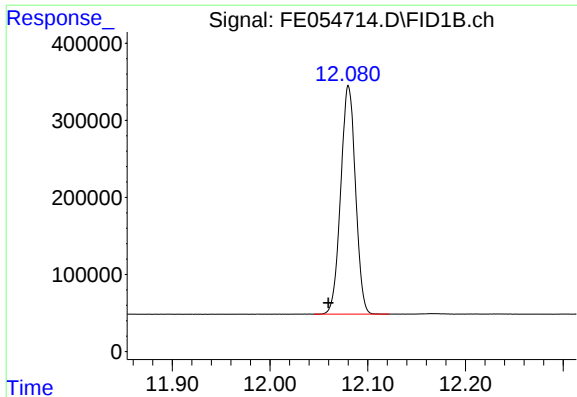
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: 0.017 min
Response: 2922893
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

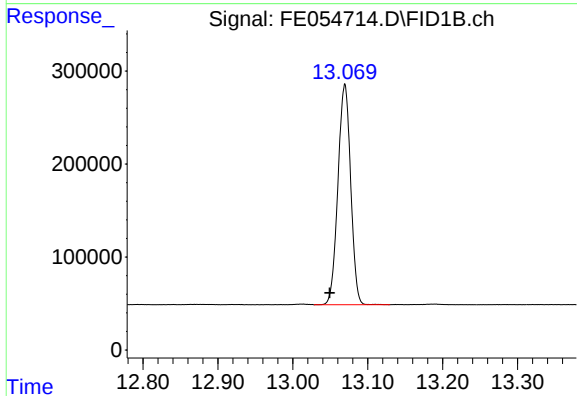
R.T.: 11.755 min
Delta R.T.: 0.018 min
Response: 2918884
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

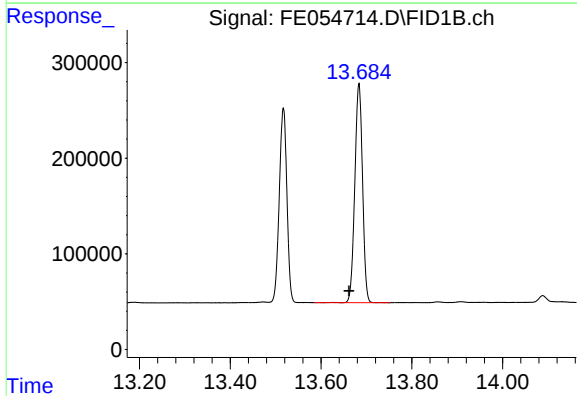
R.T.: 12.080 min
Delta R.T.: 0.021 min
Response: 3116504
Conc: 19.19 ug/ml

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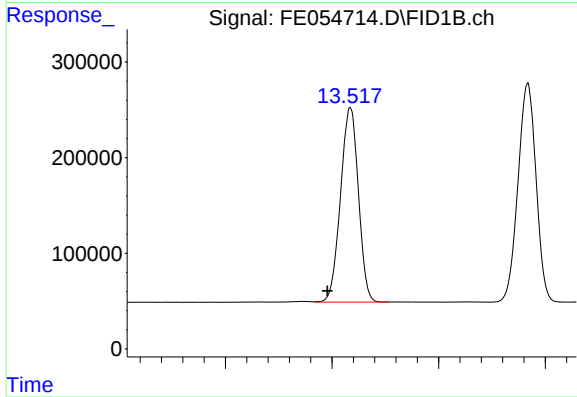
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: 0.020 min
Response: 2797954
Conc: 19.46 ug/ml



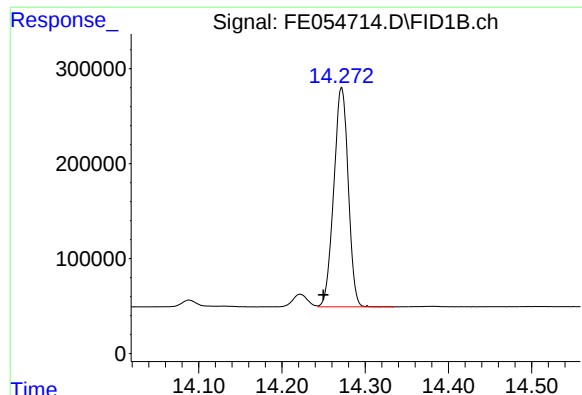
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: 0.022 min
Response: 2701510
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

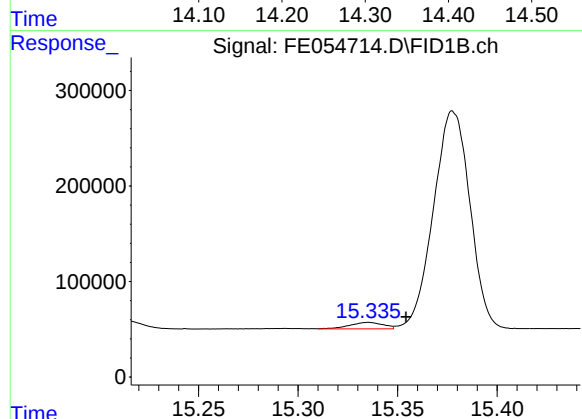
R.T.: 13.517 min
Delta R.T.: 0.022 min
Response: 2373264
Conc: 18.79 ug/ml



#13 n-Docosane (C22)

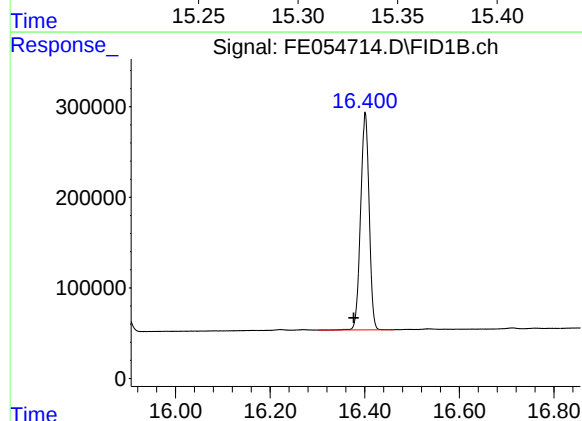
R.T.: 14.272 min
Delta R.T.: 0.022 min
Response: 2787520
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



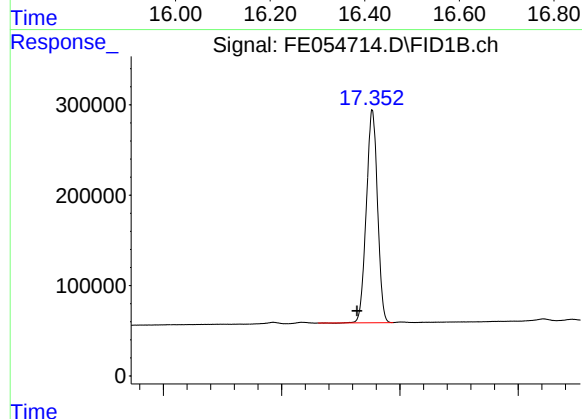
#14 n-Tetracosane (C24)

R.T.: 15.335 min
Delta R.T.: -0.019 min
Response: 78916
Conc: 0.54 ug/ml



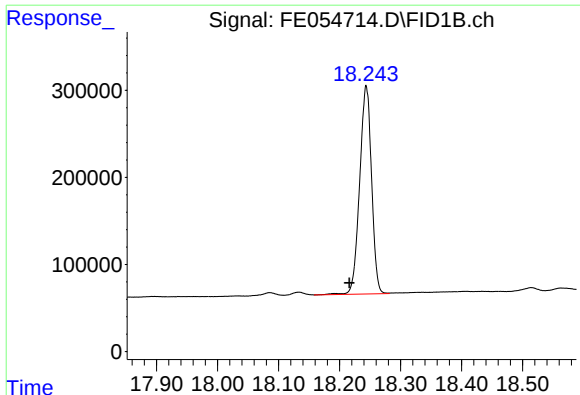
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: 0.025 min
Response: 2998209
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

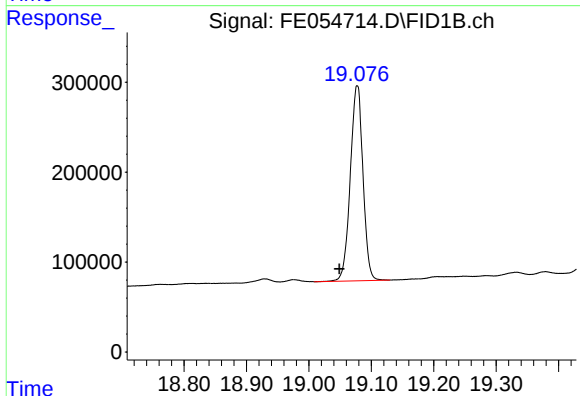
R.T.: 17.353 min
Delta R.T.: 0.026 min
Response: 3091443
Conc: 21.21 ug/ml



#17 n-Tricontane (C30)

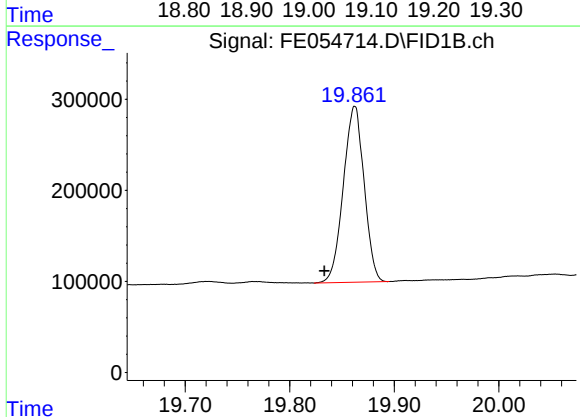
R.T.: 18.244 min
Delta R.T.: 0.028 min
Response: 3243574
Conc: 20.58 ug/ml

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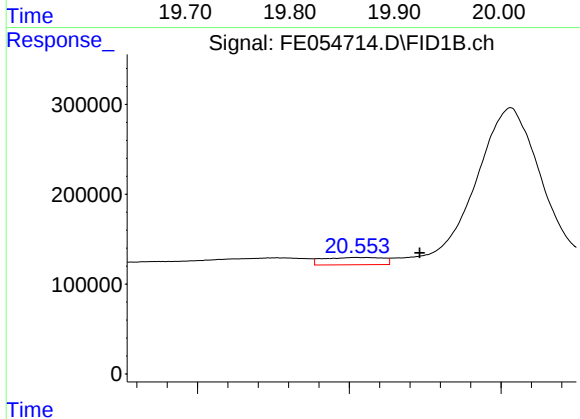
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.028 min
Response: 3062526
Conc: 18.93 ug/ml



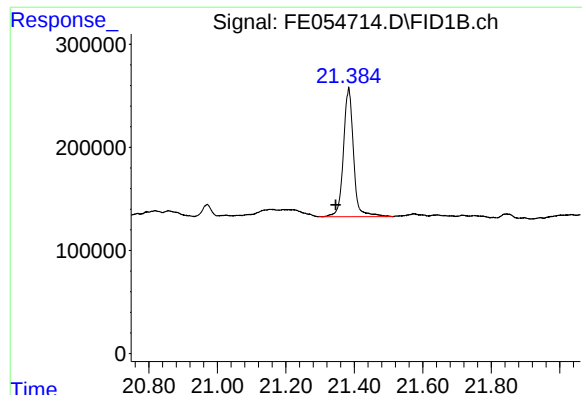
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.029 min
Response: 2668170
Conc: 17.51 ug/ml



#20 n-Hexatriacontane (C36)

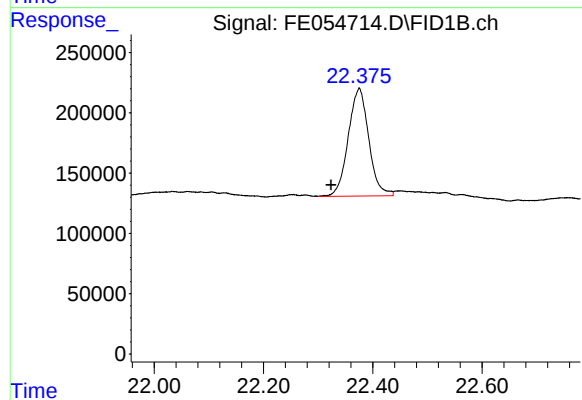
R.T.: 20.554 min
Delta R.T.: -0.019 min
Response: 110790
Conc: 0.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: 0.038 min
Response: 2549825
Conc: 21.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: 0.051 min
Response: 2331594
Conc: 21.51 ug/ml