

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057332.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 10:51
 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: sample.E
 Quant Time: Dec 16 03:35:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.927	4668814	21.276 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
12) S 1-chlorooctadecane (S...	13.363	3468058	20.838 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.289	3915511	20.017 ug/ml
2) T n-Decane (C10)	4.541	4317804	21.348 ug/ml
3) T A~Naphthalene (C11.7)	6.258	4250637	21.113 ug/ml
4) T n-Dodecane (C12)	6.713	4385711	21.488 ug/ml
5) T A~2-methylnaphthalene...	7.357	3979348	20.709 ug/ml
6) T n-Tetradecane (C14)	8.545	4280099	21.264 ug/ml
7) T n-Hexadecane (C16)	10.157	4329213	21.110 ug/ml
8) T n-Octadecane (C18)	11.604	4344452	21.078 ug/ml
10) T n-Eicosane (C20)	12.916	4138305	21.038 ug/ml
11) T n-Heneicosane (C21)	13.529	4047276	21.066 ug/ml
13) T n-Docosane (C22)	14.116	4028880	20.871 ug/ml
14) T n-Tetracosane (C24)	15.222	4001956	20.206 ug/ml
15) T n-Hexacosane (C26)	16.245	3959307	19.957 ug/ml
16) T n-Octacosane (C28)	17.198	4050004	19.708 ug/ml
17) T n-Tricontane (C30)	18.088	4374312	19.491 ug/ml
18) T n-Dotriacontane (C32)	18.922	4491663	19.242 ug/ml
19) T n-Tetratriacontane (C34)	19.707	4191861	19.626 ug/ml
20) T n-Hexatriacontane (C36)	20.448	3741425	20.101 ug/ml
21) T n-Octatriacontane (C38)	21.192	3511965	20.264 ug/ml
22) T n-Tetracontane (C40)	22.117	3284928	19.493 ug/ml

(f)=RT Delta > 1/2 Window

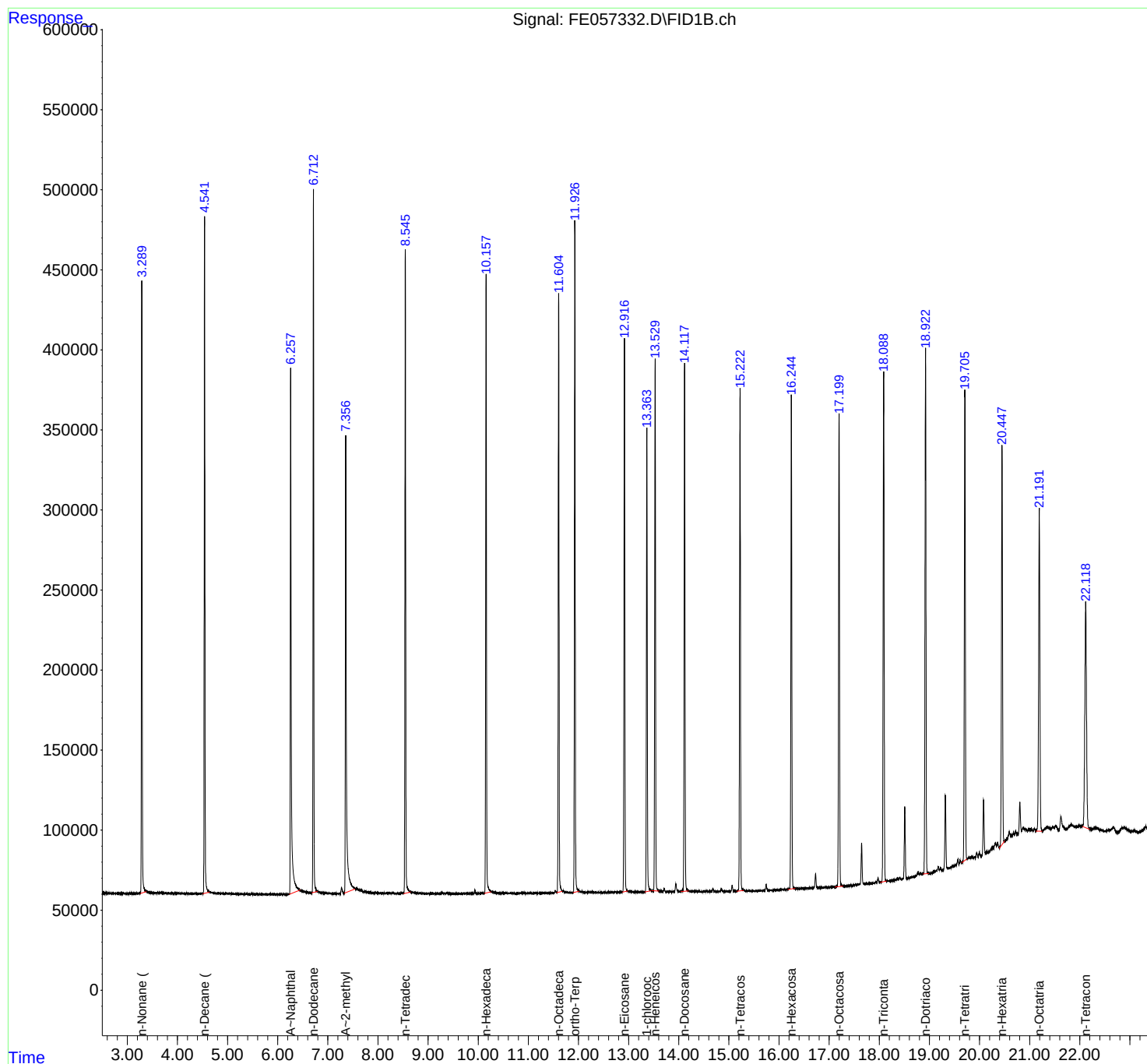
(m)=manual int.

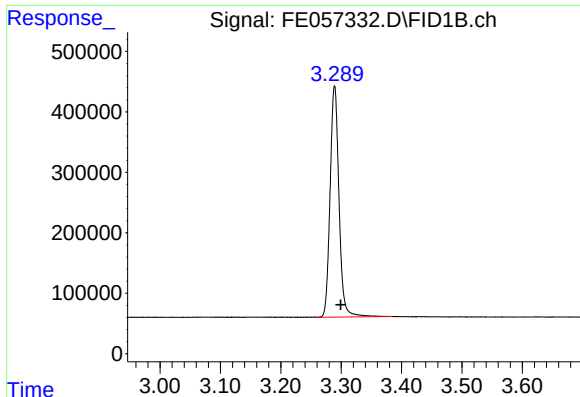
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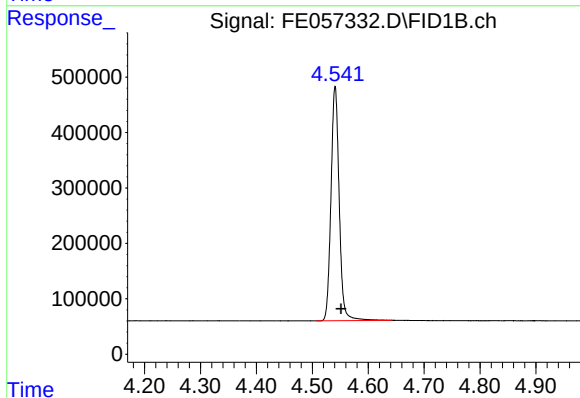




#1 n-Nonane (C9)

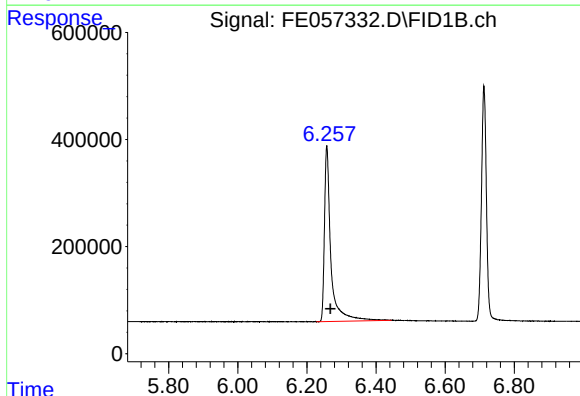
R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 3915511
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



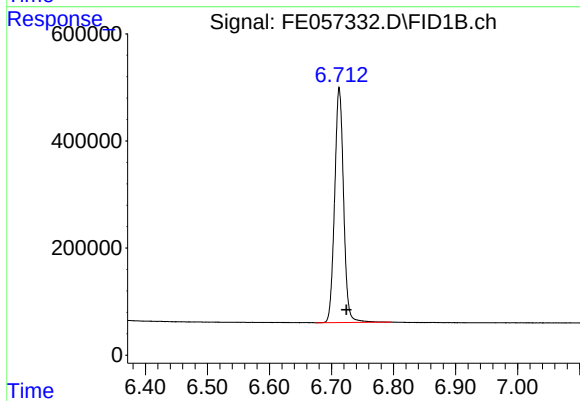
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 4317804
Conc: 21.35 ug/ml



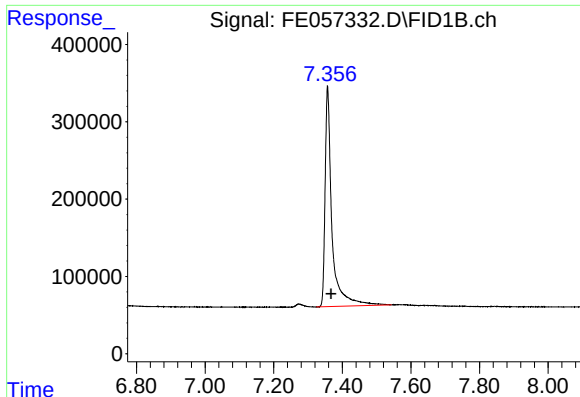
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.010 min
Response: 4250637
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

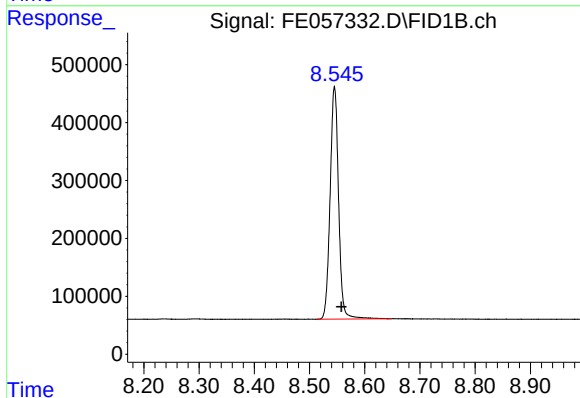
R.T.: 6.713 min
Delta R.T.: -0.012 min
Response: 4385711
Conc: 21.49 ug/ml



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

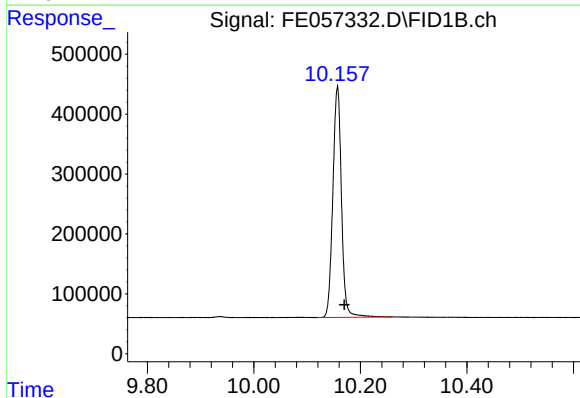
R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 3979348
Conc: 20.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



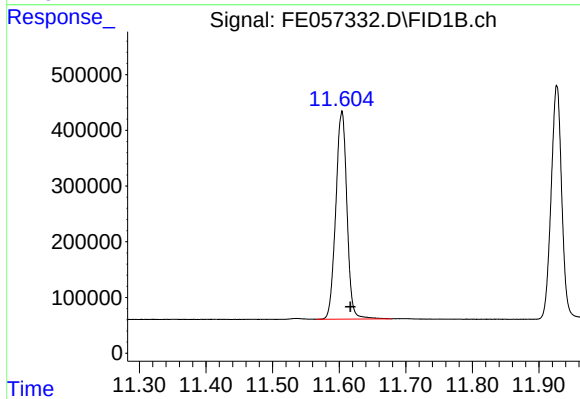
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.012 min
Response: 4280099
Conc: 21.26 ug/ml



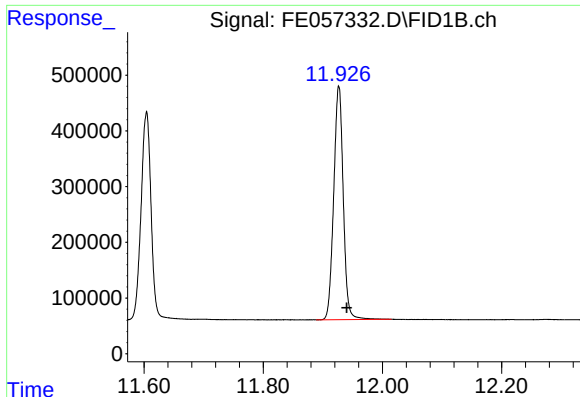
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 4329213
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

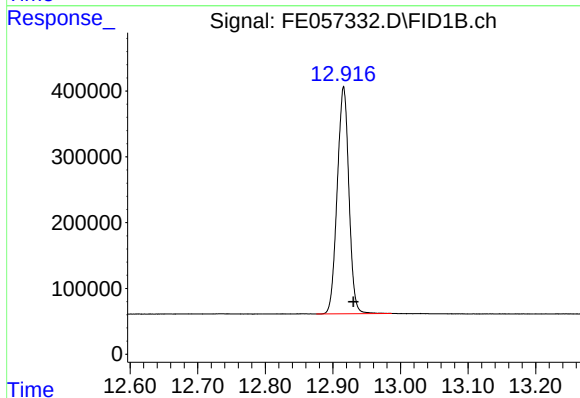
R.T.: 11.604 min
Delta R.T.: -0.013 min
Response: 4344452
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

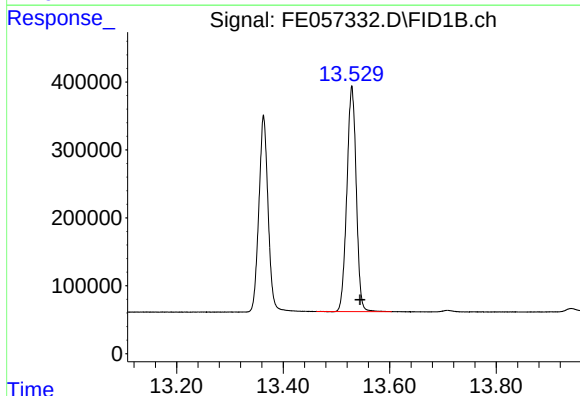
R.T.: 11.927 min
Delta R.T.: -0.013 min
Response: 4668814
Conc: 21.28 ug/ml

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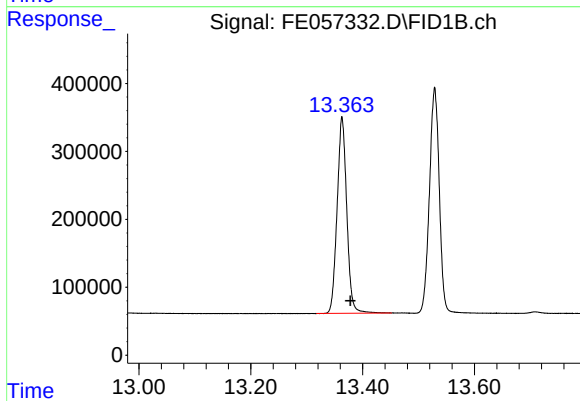
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.015 min
Response: 4138305
Conc: 21.04 ug/ml



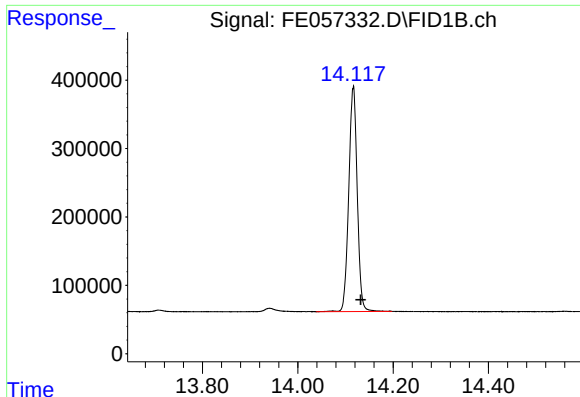
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.015 min
Response: 4047276
Conc: 21.07 ug/ml



#12 1-chlorooctadecane (SURR)

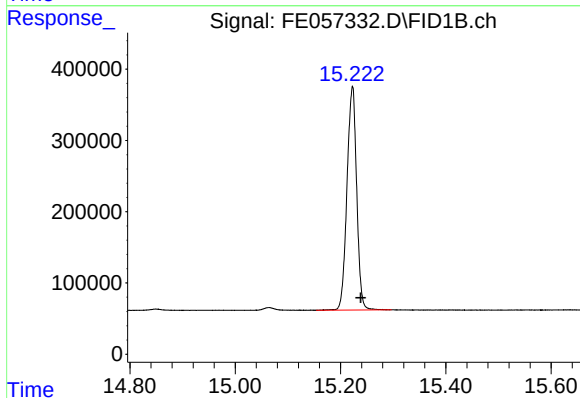
R.T.: 13.363 min
Delta R.T.: -0.015 min
Response: 3468058
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

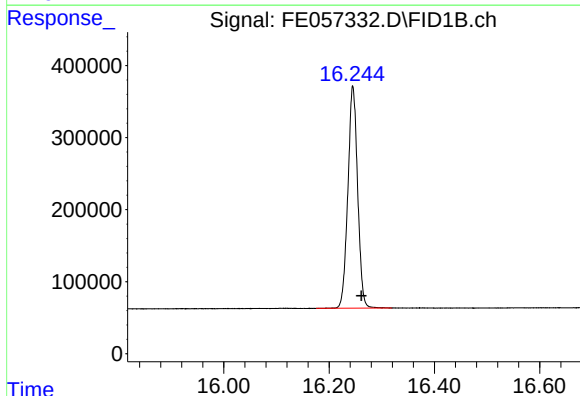
R.T.: 14.116 min
Delta R.T.: -0.016 min
Response: 4028880
Conc: 20.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



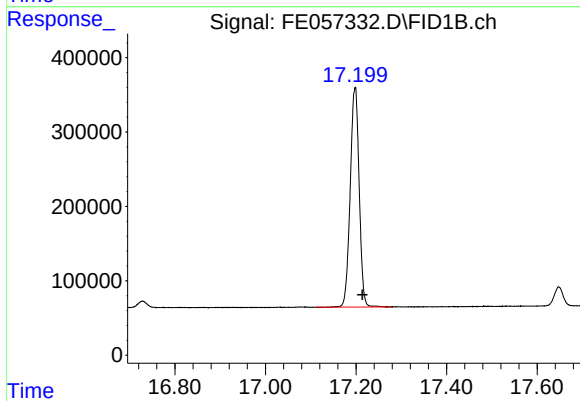
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.016 min
Response: 4001956
Conc: 20.21 ug/ml



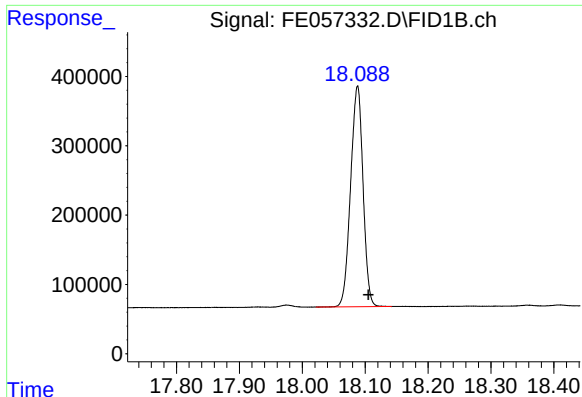
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.016 min
Response: 3959307
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

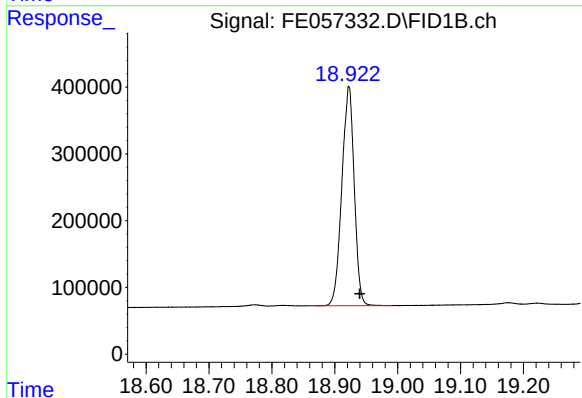
R.T.: 17.198 min
Delta R.T.: -0.017 min
Response: 4050004
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

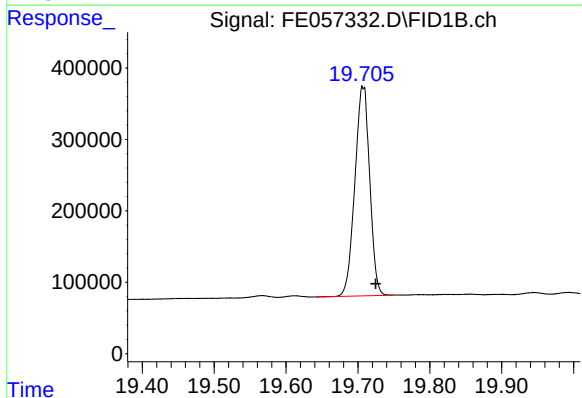
R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 4374312
Conc: 19.49 ug/ml

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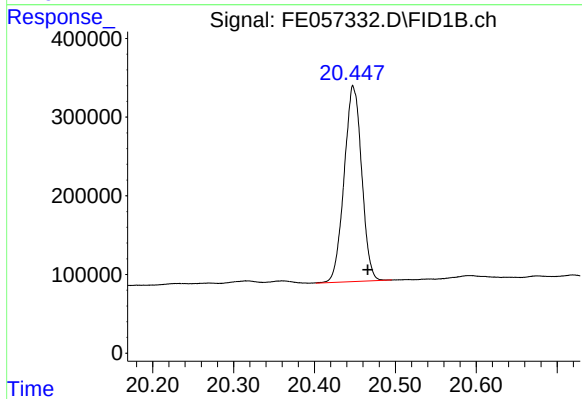
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.017 min
Response: 4491663
Conc: 19.24 ug/ml



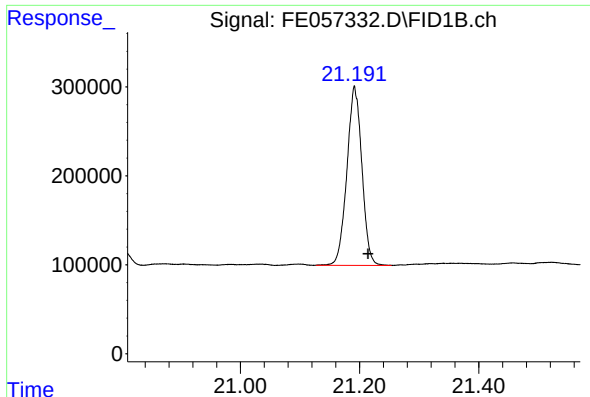
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.018 min
Response: 4191861
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

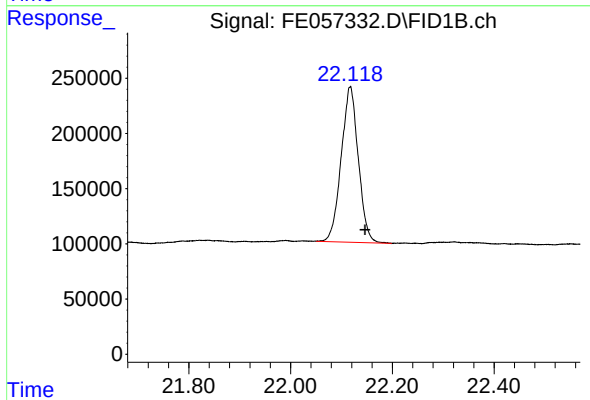
R.T.: 20.448 min
Delta R.T.: -0.018 min
Response: 3741425
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.022 min
Response: 3511965
Conc: 20.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.029 min
Response: 3284928
Conc: 19.49 ug/ml