

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057097.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2025 15:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 02 01:24:01 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)	11.940	4251992	19.376 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.378	3210330	19.290 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T n-Nonane (C9)	3.299	3848904	19.676 ug/ml
2) T n-Decane (C10)	4.552	3930698	19.434 ug/ml
3) T A~Naphthalene (C11.7)	6.268	3972465	19.731 ug/ml
4) T n-Dodecane (C12)	6.724	3984296	19.522 ug/ml
5) T A~2-methylnaphthalene...	7.368	3737912	19.453 ug/ml
6) T n-Tetradecane (C14)	8.558	3909395	19.423 ug/ml
7) T n-Hexadecane (C16)	10.170	3971573	19.366 ug/ml
8) T n-Octadecane (C18)	11.617	3981957	19.319 ug/ml
10) T n-Eicosane (C20)	12.930	3782610	19.229 ug/ml
11) T n-Heneicosane (C21)	13.543	3707644	19.298 ug/ml
13) T n-Docosane (C22)	14.131	3652609	18.921 ug/ml
14) T n-Tetracosane (C24)	15.238	3603830	18.196 ug/ml
15) T n-Hexacosane (C26)	16.261	3541212	17.850 ug/ml
16) T n-Octacosane (C28)	17.213	3492358	16.994 ug/ml
17) T n-Tricontane (C30)	18.103	3553838	15.835 ug/ml
18) T n-Dotriacontane (C32)	18.938	3462168	14.831 ug/ml
19) T n-Tetratriacontane (C34)	19.723	3206976	15.015 ug/ml
20) T n-Hexatriacontane (C36)	20.465	3003395	16.136 ug/ml
21) T n-Octatriacontane (C38)	21.211	2816753	16.253 ug/ml
22) T n-Tetracontane (C40)	22.142	2771272	16.445 ug/ml

(f)=RT Delta > 1/2 Window

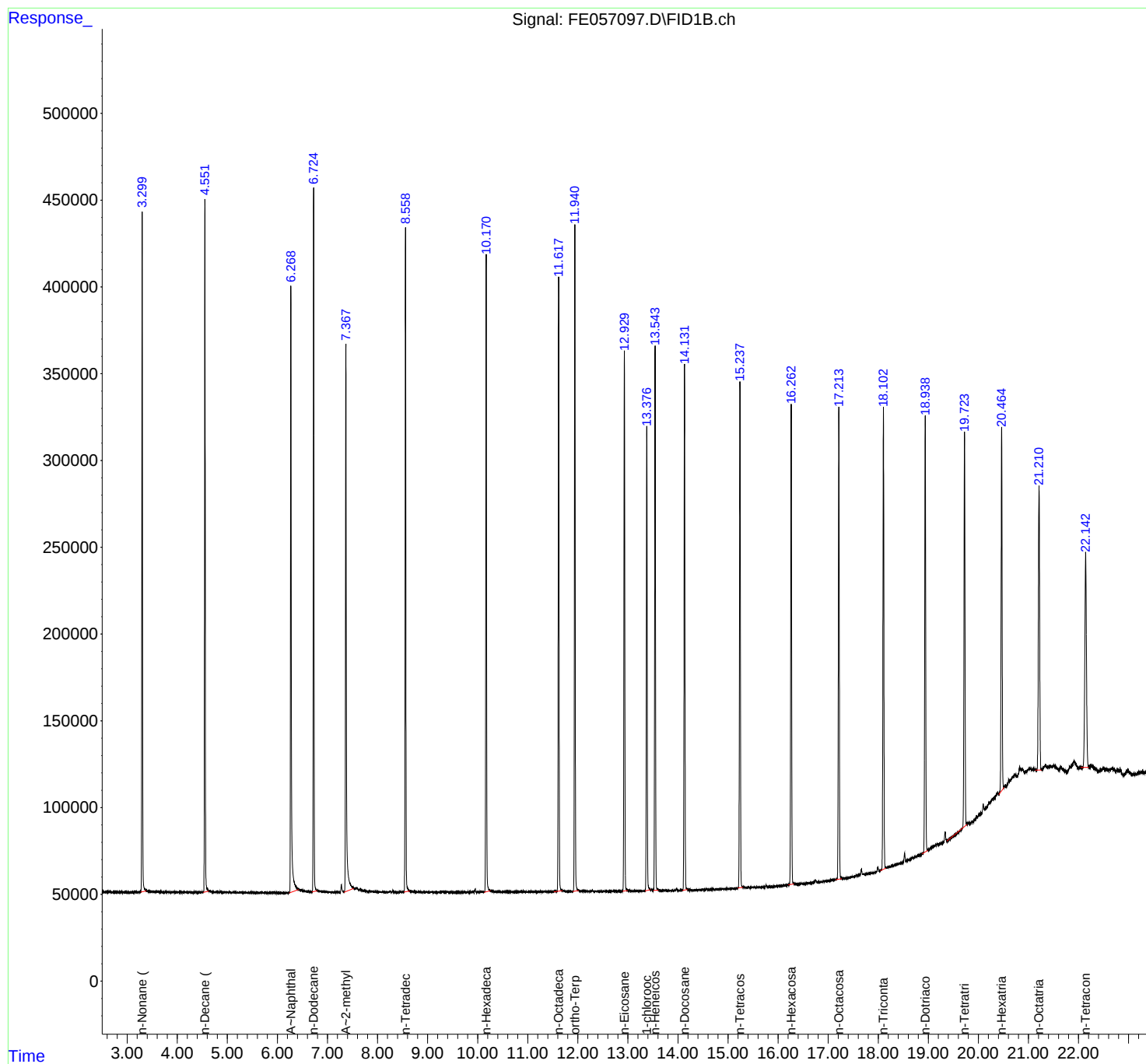
(m)=manual int.

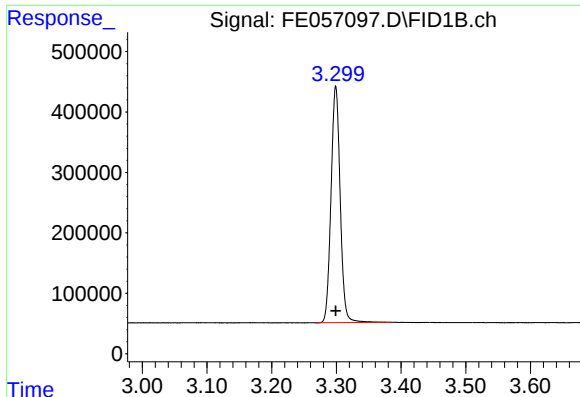
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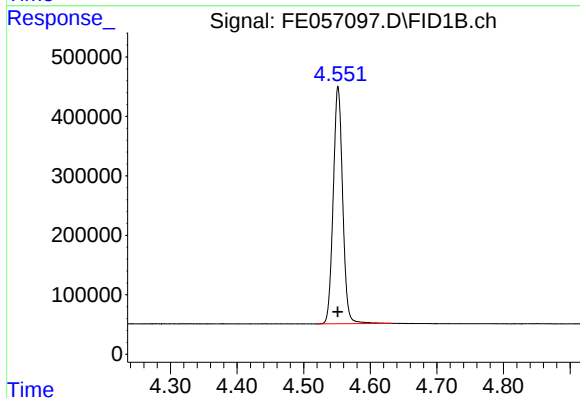




#1 n-Nonane (C9)

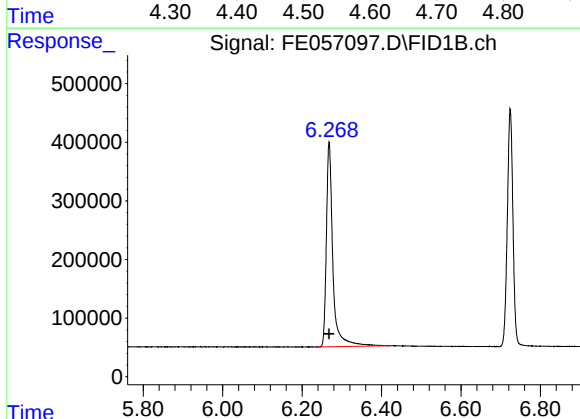
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 3848904
Conc: 19.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



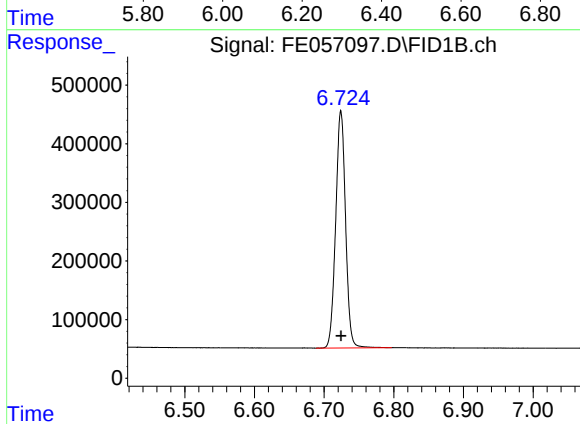
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 3930698
Conc: 19.43 ug/ml



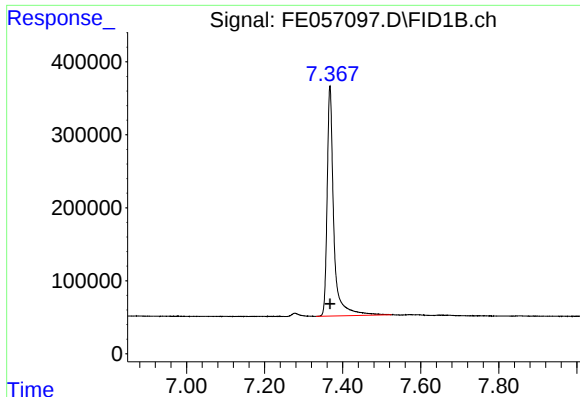
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 3972465
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

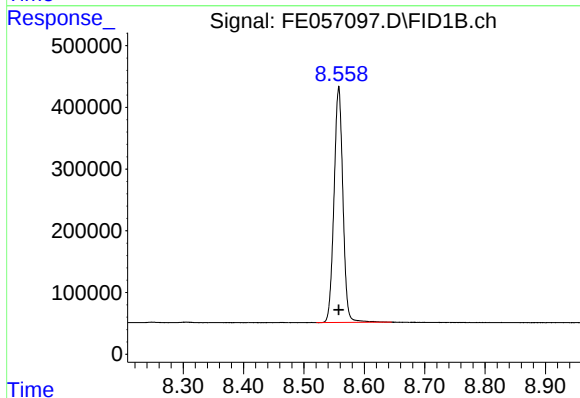
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 3984296
Conc: 19.52 ug/ml



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

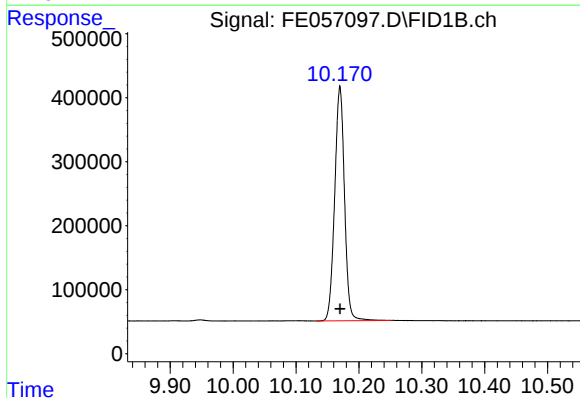
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3737912
Conc: 19.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



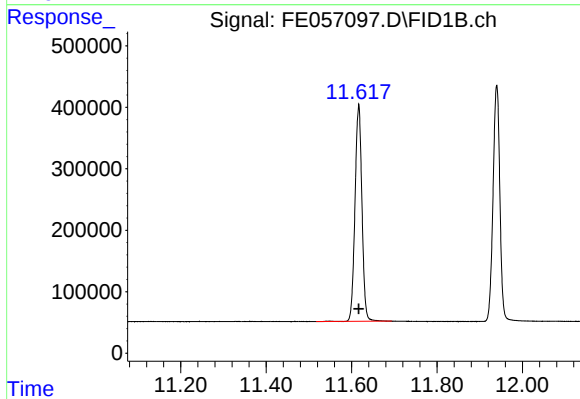
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 3909395
Conc: 19.42 ug/ml



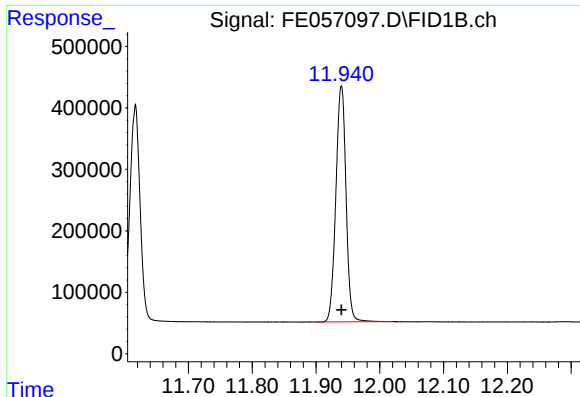
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 3971573
Conc: 19.37 ug/ml



#8 n-Octadecane (C18)

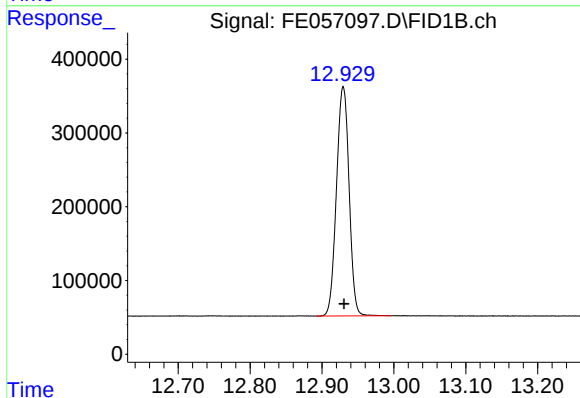
R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 3981957
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

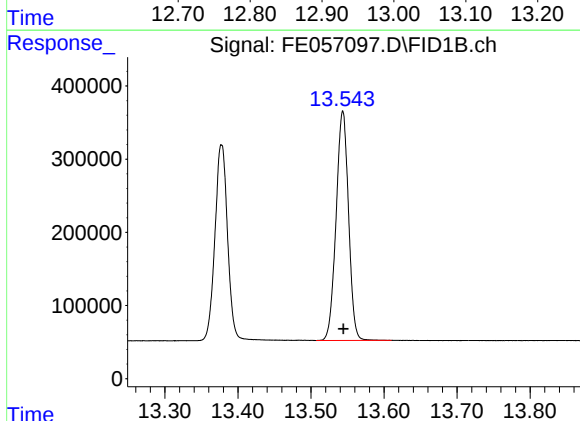
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4251992
Conc: 19.38 ug/ml

Instrument :
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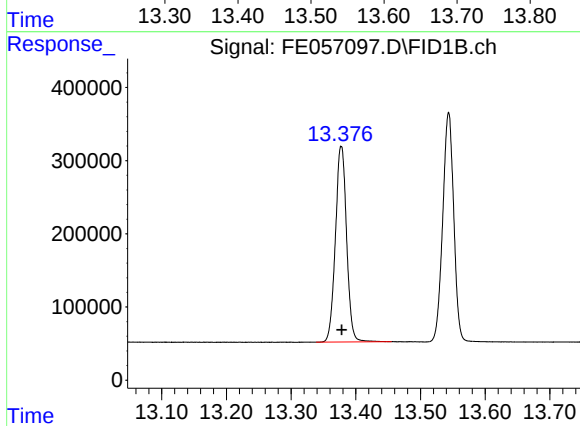
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.001 min
Response: 3782610
Conc: 19.23 ug/ml



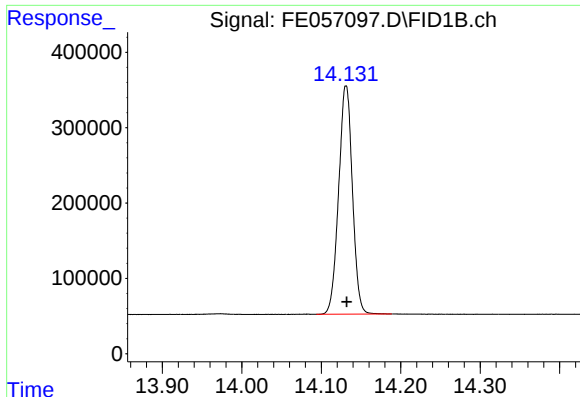
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 3707644
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

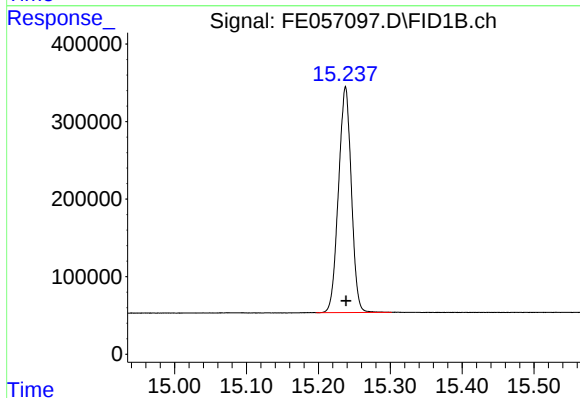
R.T.: 13.378 min
Delta R.T.: 0.000 min
Response: 3210330
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

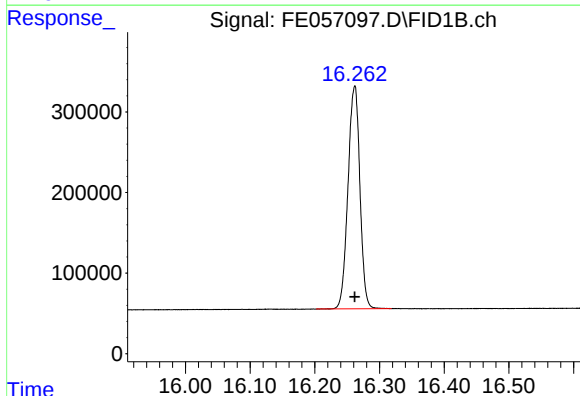
R.T.: 14.131 min
Delta R.T.: -0.001 min
Response: 3652609
Conc: 18.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



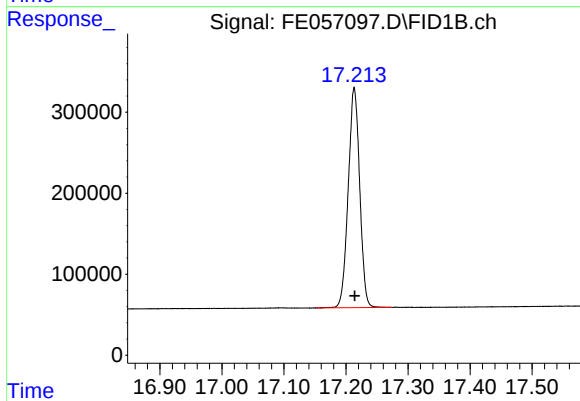
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3603830
Conc: 18.20 ug/ml



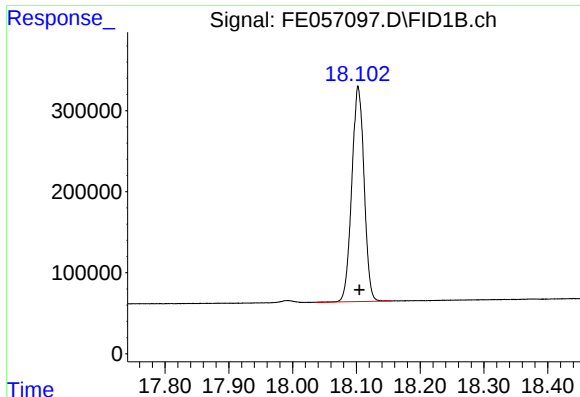
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3541212
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

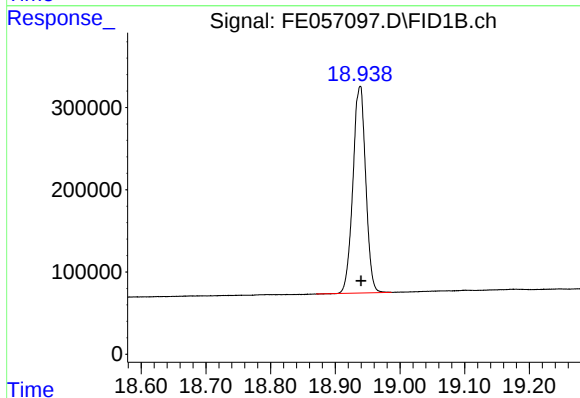
R.T.: 17.213 min
Delta R.T.: 0.000 min
Response: 3492358
Conc: 16.99 ug/ml



#17 n-Tricontane (C30)

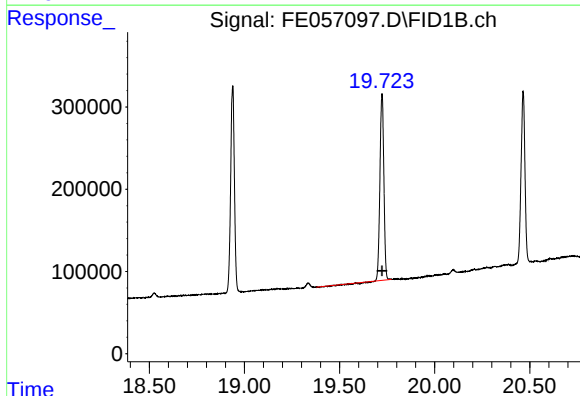
R.T.: 18.103 min
Delta R.T.: -0.002 min
Response: 3553838
Conc: 15.84 ug/ml

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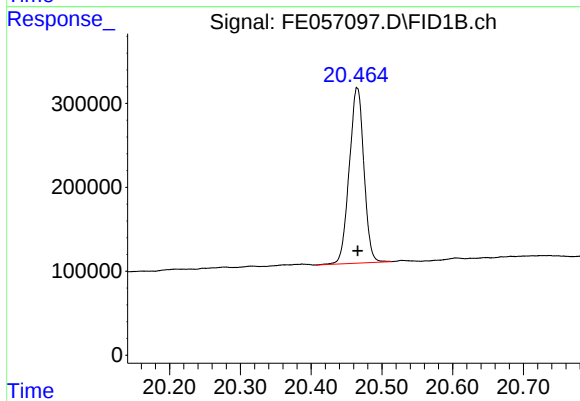
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.002 min
Response: 3462168
Conc: 14.83 ug/ml



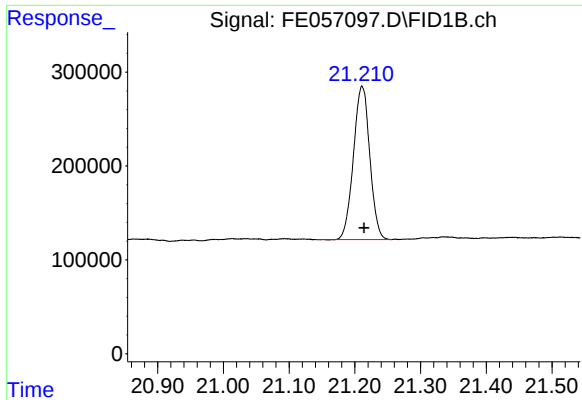
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.002 min
Response: 3206976
Conc: 15.01 ug/ml



#20 n-Hexatriacontane (C36)

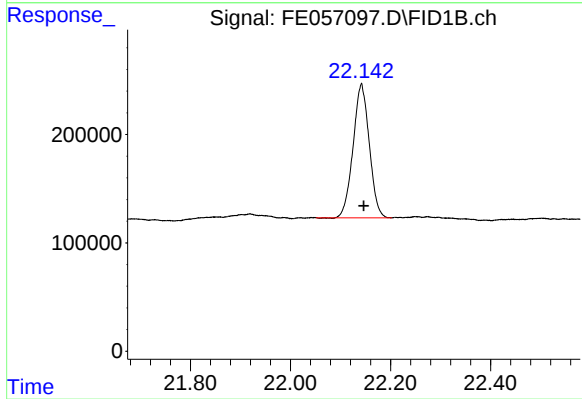
R.T.: 20.465 min
Delta R.T.: 0.000 min
Response: 3003395
Conc: 16.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.003 min
Response: 2816753
Conc: 16.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.005 min
Response: 2771272
Conc: 16.45 ug/ml