

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055185.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 18:58
 Operator : YP\AJ
 Sample : Q2784-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-01-080625

Integration File: autoint1.e
 Quant Time: Aug 08 01:08:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.086	4910934	34.389 ug/ml
Spiked Amount 50.000		Recovery =	68.78%
12) S 1-chlorooctadecane (S...	13.522	3971343	36.934 ug/ml
Spiked Amount 50.000		Recovery =	73.87%
Target Compounds			
1) T n-Nonane (C9)	3.420	109517	0.954 ug/ml
2) T n-Decane (C10)	4.680	397808	3.415 ug/ml
3) T A~Naphthalene (C11.7)	6.410	571103	4.255 ug/ml
4) T n-Dodecane (C12)	6.857	2705352	22.718 ug/ml
5) T A~2-methylnaphthalene...	7.507	2242345	17.198 ug/ml
6) T n-Tetradecane (C14)	8.695	4572274	37.291 ug/ml
7) T n-Hexadecane (C16)	10.309	2347950	18.366 ug/ml
8) T n-Octadecane (C18)	11.757	513695	3.937 ug/ml
10) T n-Eicosane (C20)	13.071	284589	2.268 ug/ml
11) T n-Heneicosane (C21)	13.686	218108	1.769 ug/ml
13) T n-Docosane (C22)	14.275	360094	2.949 ug/ml
14) T n-Tetracosane (C24)	15.374	356488	2.931 ug/ml
15) T n-Hexacosane (C26)	16.405	195841	1.637 ug/ml
16) T n-Octacosane (C28)	17.360	279749	2.358 ug/ml
17) T n-Tricontane (C30)	18.250	1002381	8.146 ug/ml
18) T n-Dotriacontane (C32)	19.088	533473	4.372 ug/ml
19) T n-Tetratriacontane (C34)	19.876	478378	4.092 ug/ml
20) T n-Hexatriacontane (C36)	20.615	132106	1.209 ug/ml
21) T n-Octatriacontane (C38)	21.402	411557	3.808 ug/ml
22) T n-Tetracontane (C40)	22.384	154601	1.478 ug/ml

(f)=RT Delta > 1/2 Window

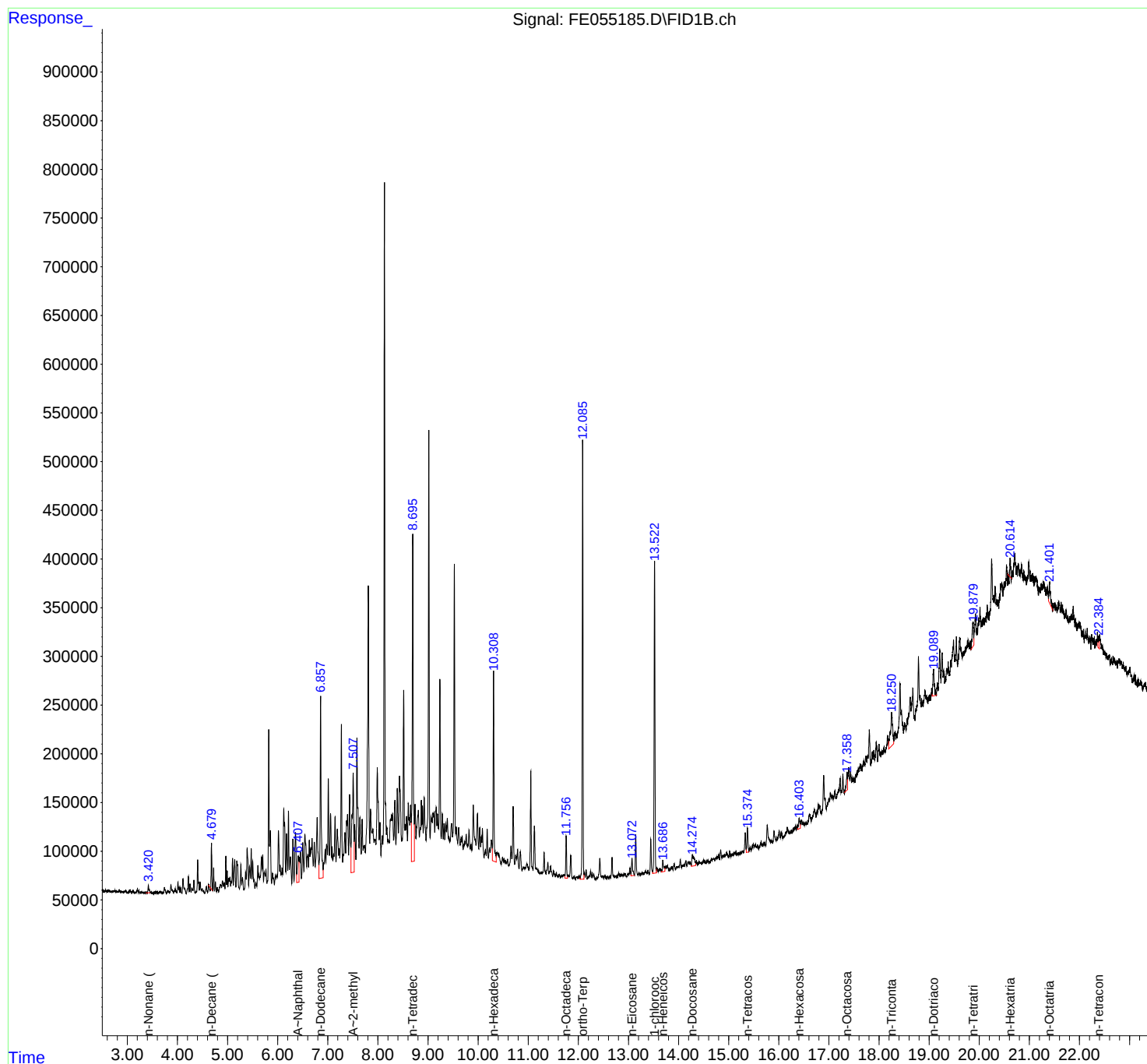
(m)=manual int.

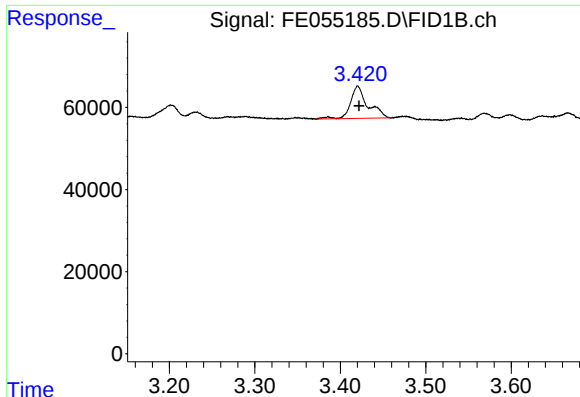
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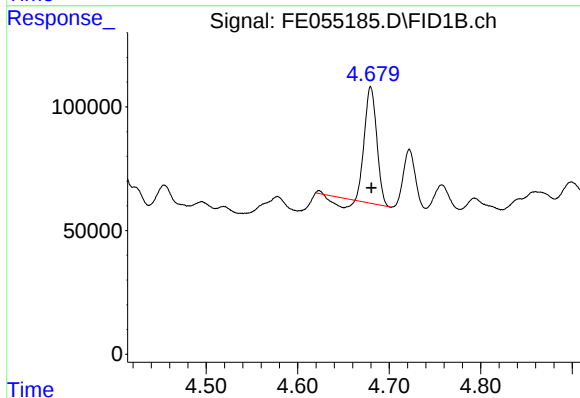




#1 n-Nonane (C9)

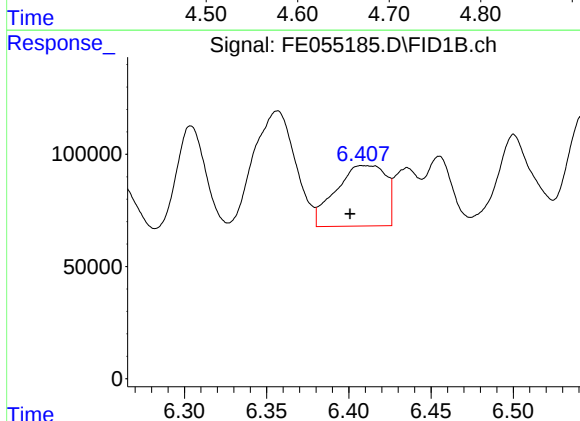
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 109517
Conc: 0.95 ug/ml

Instrument :
FID_E
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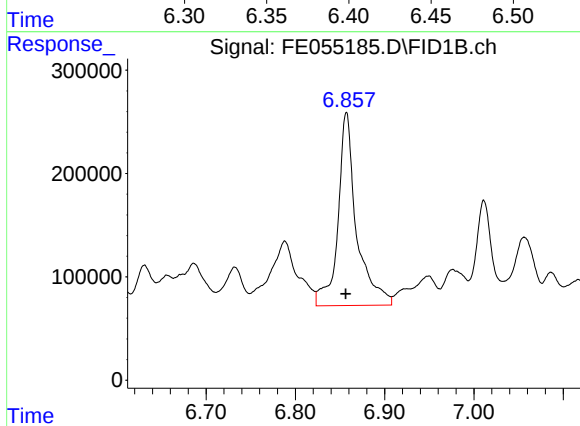
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 397808
Conc: 3.41 ug/ml



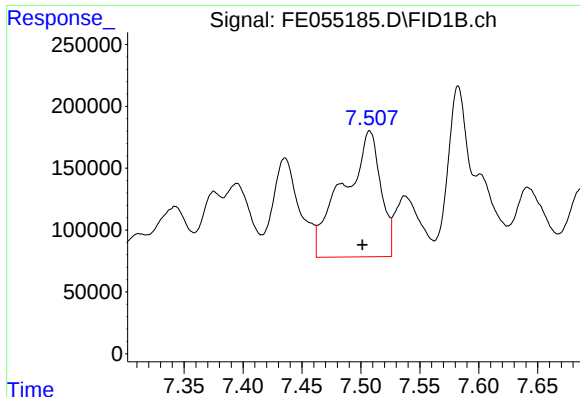
#3 A~Naphthalene (C11.7)

R.T.: 6.410 min
Delta R.T.: 0.009 min
Response: 571103
Conc: 4.25 ug/ml



#4 n-Dodecane (C12)

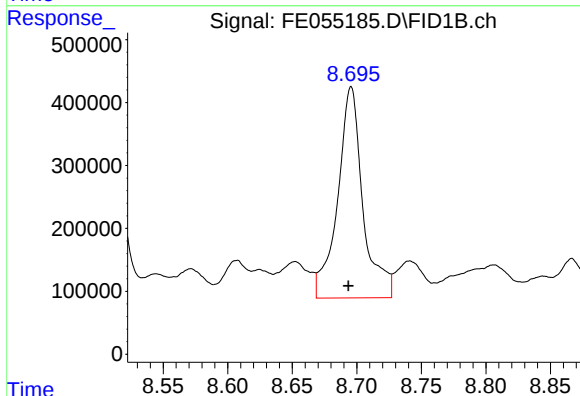
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2705352
Conc: 22.72 ug/ml



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

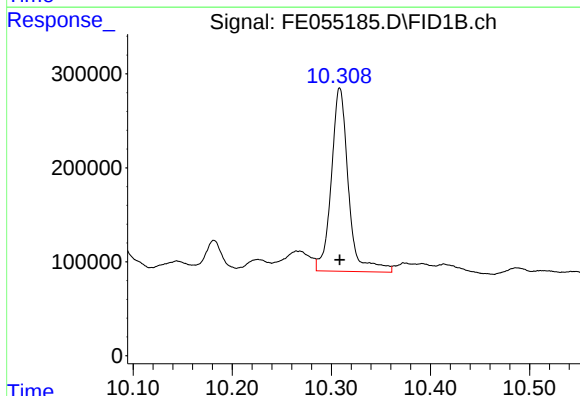
R.T.: 7.507 min
Delta R.T.: 0.006 min
Response: 2242345
Conc: 17.20 ug/ml

Instrument :
FID_E
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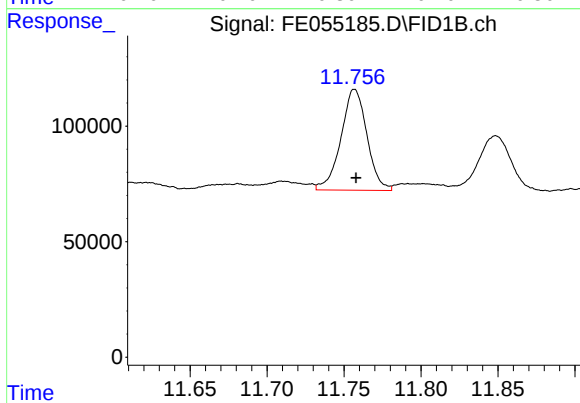
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 4572274
Conc: 37.29 ug/ml



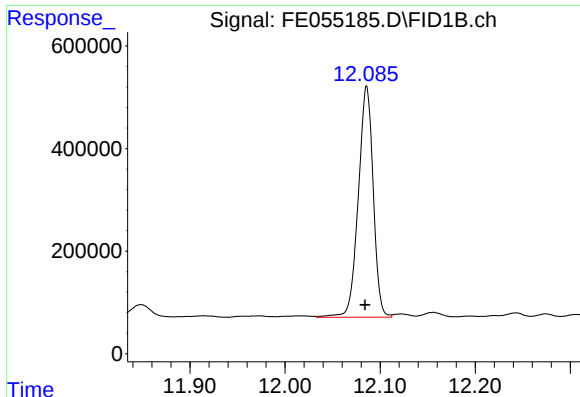
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2347950
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

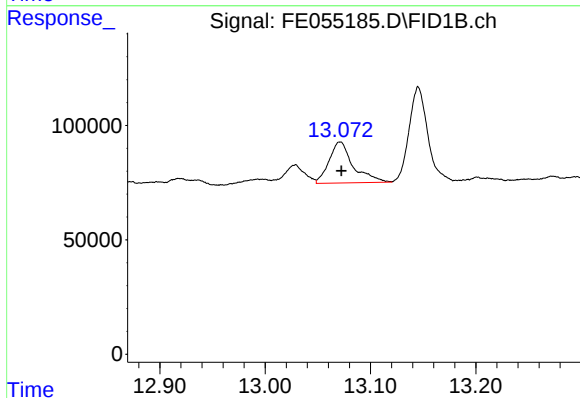
R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 513695
Conc: 3.94 ug/ml



#9 ortho-Terphenyl (SURR)

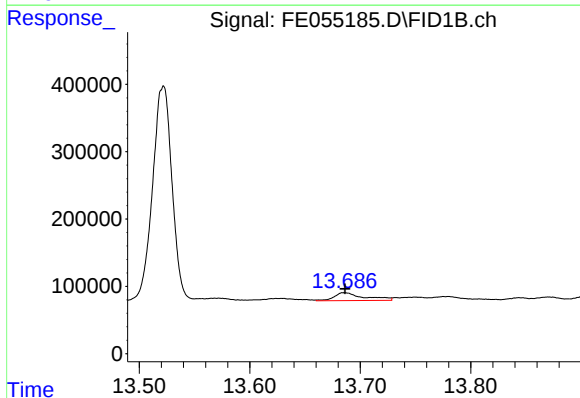
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 4910934
Conc: 34.39 ug/ml

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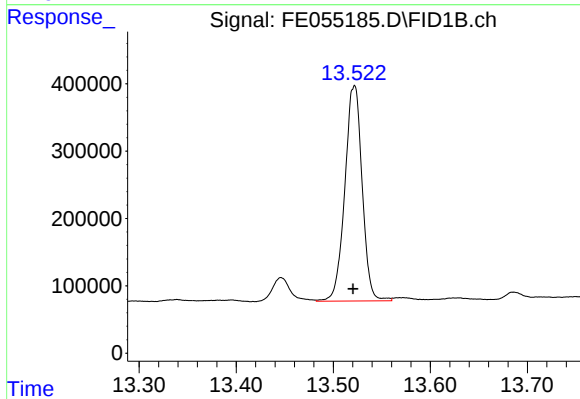
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.001 min
Response: 284589
Conc: 2.27 ug/ml



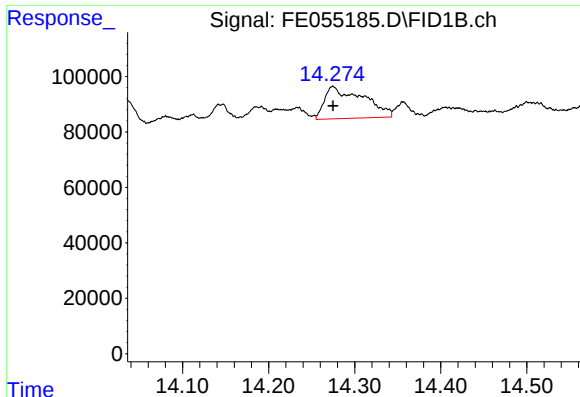
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 218108
Conc: 1.77 ug/ml



#12 1-chlorooctadecane (SURR)

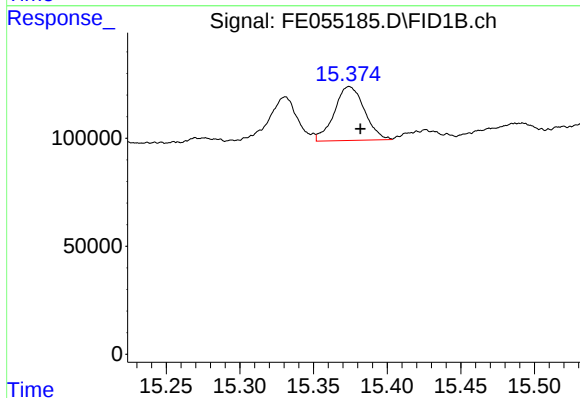
R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 3971343
Conc: 36.93 ug/ml



#13 n-Docosane (C22)

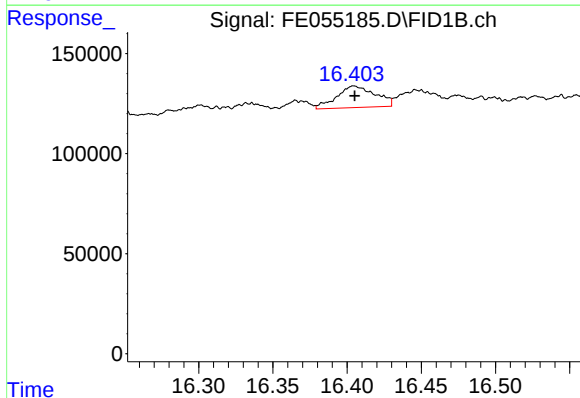
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 360094
Conc: 2.95 ug/ml

Instrument :
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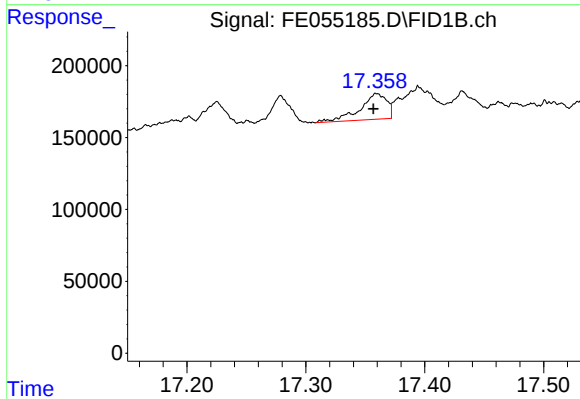
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.007 min
Response: 356488
Conc: 2.93 ug/ml



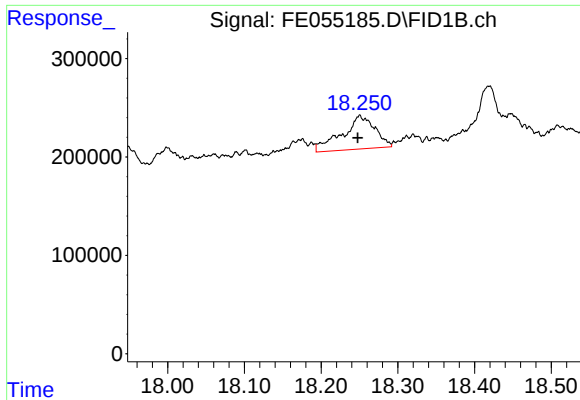
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 195841
Conc: 1.64 ug/ml



#16 n-Octacosane (C28)

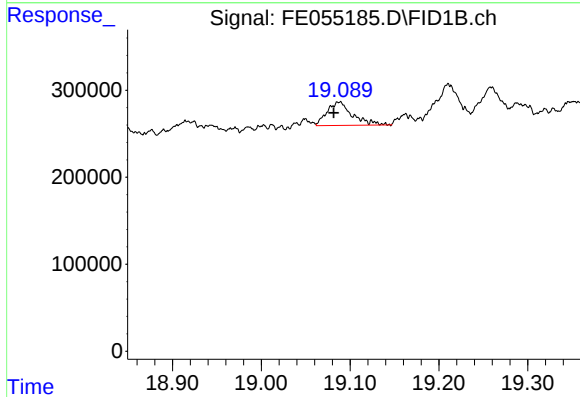
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 279749
Conc: 2.36 ug/ml



#17 n-Tricontane (C30)

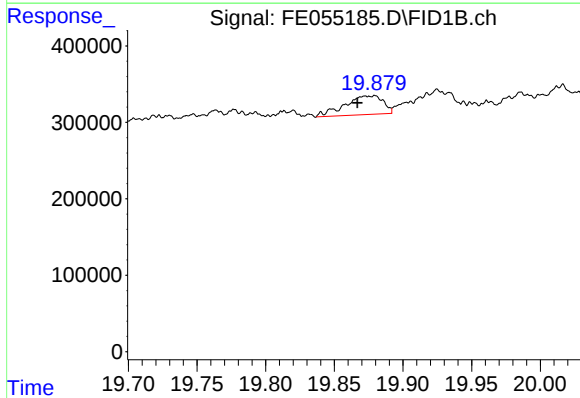
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 1002381
Conc: 8.15 ug/ml

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FID_E
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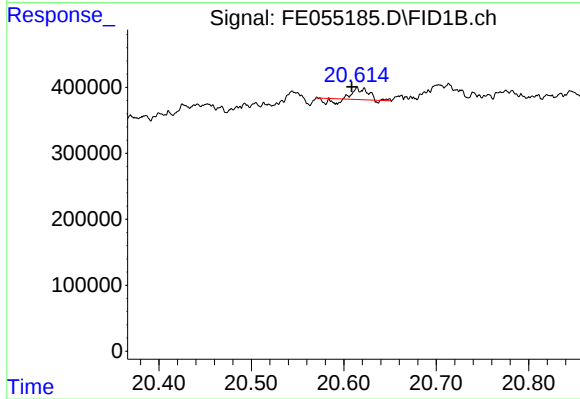
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.006 min
Response: 533473
Conc: 4.37 ug/ml



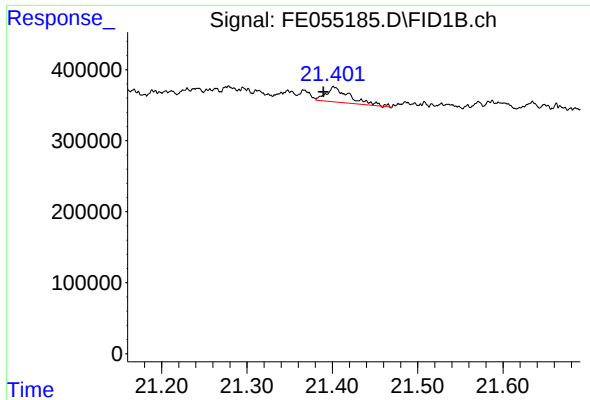
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 478378
Conc: 4.09 ug/ml



#20 n-Hexatriacontane (C36)

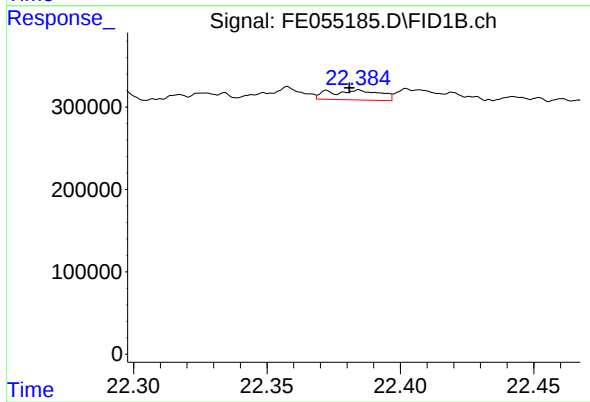
R.T.: 20.615 min
Delta R.T.: 0.007 min
Response: 132106
Conc: 1.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.402 min
Delta R.T.: 0.013 min
Response: 411557
Conc: 3.81 ug/ml

Instrument :
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EO-01-080625



#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.004 min
Response: 154601
Conc: 1.48 ug/ml