

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072525AL\
 Data File : FE055022.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 12:43
 Operator : YP\AJ
 Sample : Q2684-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-02-07232025

Integration File: autoint1.e
 Quant Time: Jul 26 00:07:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.097	3588355	22.097 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
12) S 1-chlorooctadecane (S...	13.534	3438783	27.228 ug/ml
Spiked Amount 50.000		Recovery =	54.46%
Target Compounds			
2) T n-Decane (C10)	4.687	63750	0.467 ug/ml
3) T A~Naphthalene (C11.7)	6.411	216621	1.431 ug/ml
4) T n-Dodecane (C12)	6.864	563938	4.110 ug/ml
5) T A~2-methylnaphthalene...	7.489	141602	0.963 ug/ml
6) T n-Tetradecane (C14)	8.702	983650	7.096 ug/ml
7) T n-Hexadecane (C16)	10.319	1141752	8.012 ug/ml
8) T n-Octadecane (C18)	11.768	1055563	7.203 ug/ml
10) T n-Eicosane (C20)	13.082	1047195	7.283 ug/ml
11) T n-Heneicosane (C21)	13.698	499722	3.499 ug/ml
13) T n-Docosane (C22)	14.287	470738	3.297 ug/ml
14) T n-Tetracosane (C24)	15.391	1512737	10.406 ug/ml
15) T n-Hexacosane (C26)	16.418	227353	1.571 ug/ml
16) T n-Octacosane (C28)	17.370	280673	1.926 ug/ml
17) T n-Tricontane (C30)	18.263	982849	6.237 ug/ml
18) T n-Dotriacontane (C32)	19.068	339388	2.098 ug/ml
19) T n-Tetratriacontane (C34)	19.886	543565	3.567 ug/ml
20) T n-Hexatriacontane (C36)	20.630	276840	2.059 ug/ml
21) T n-Octatriacontane (C38)	21.379	80914	0.690 ug/ml
22) T n-Tetracontane (C40)	22.347	52713	0.486 ug/ml

(f)=RT Delta > 1/2 Window

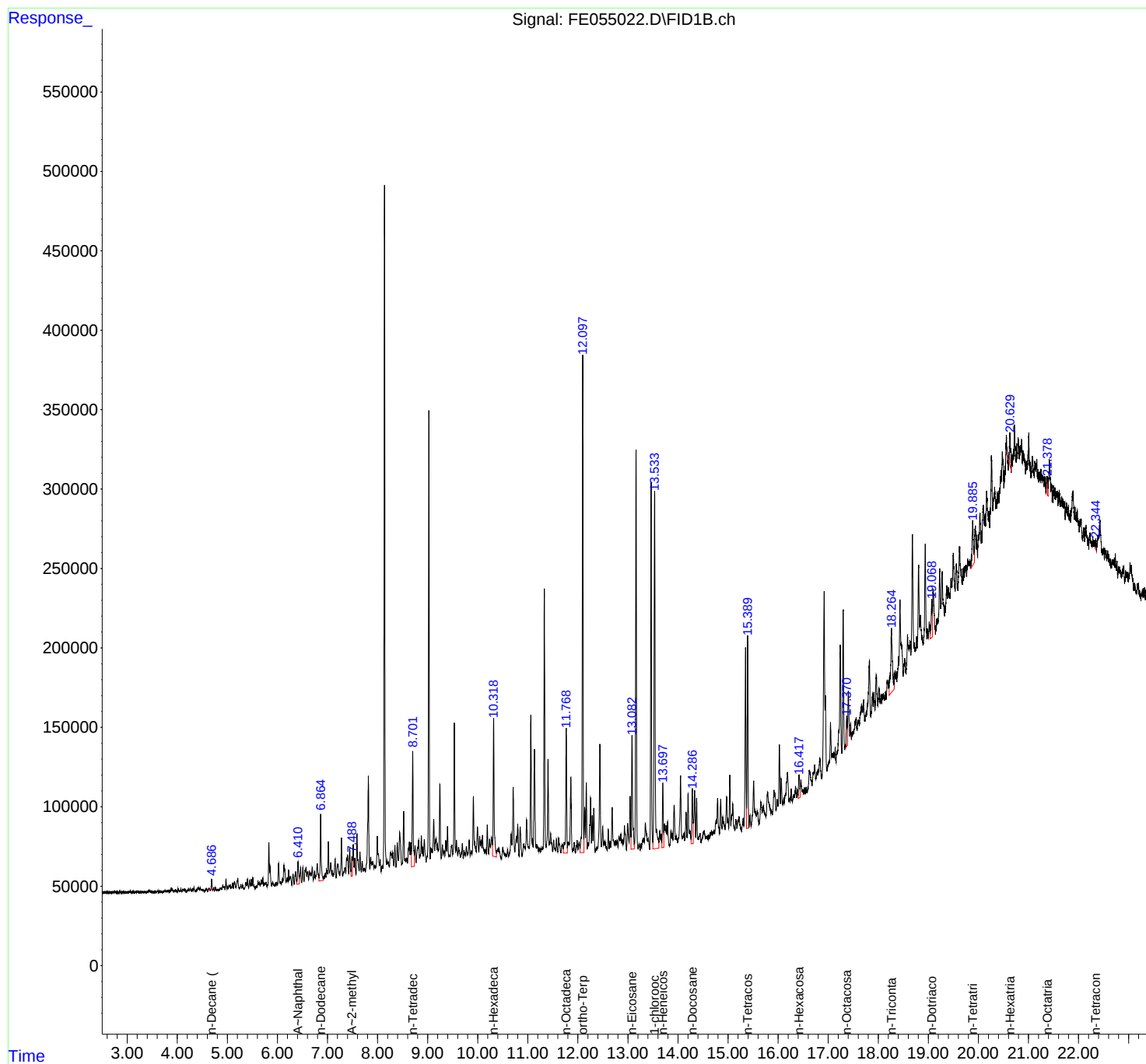
(m)=manual int.

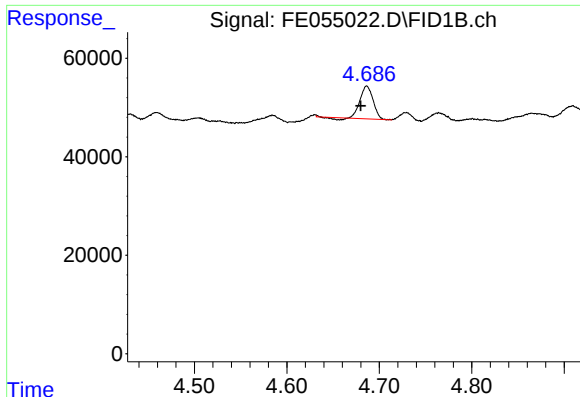
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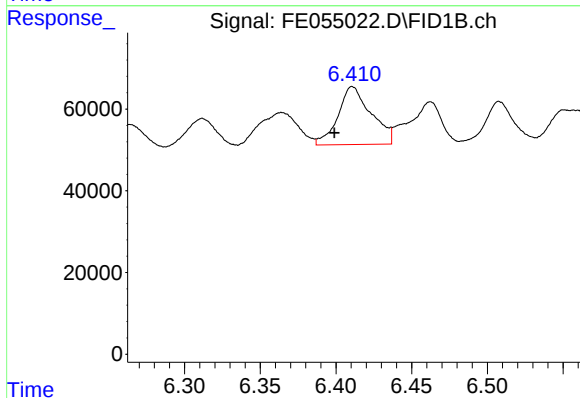




#2 n-Decane (C10)

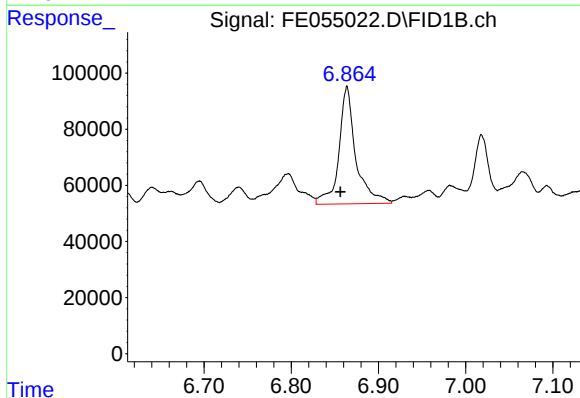
R.T.: 4.687 min
Delta R.T.: 0.007 min
Response: 63750
Conc: 0.47 ug/ml

Instrument :
FID_E
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PL-02-07232025



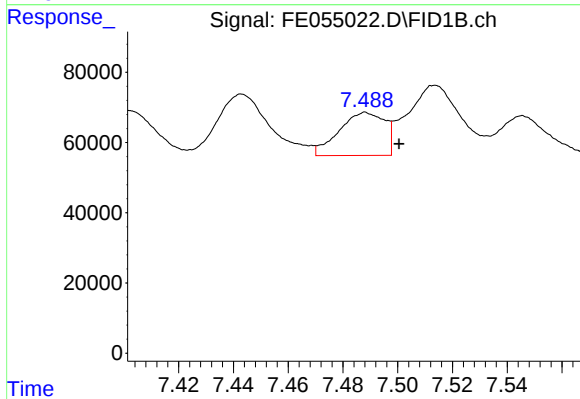
#3 A~Naphthalene (C11.7)

R.T.: 6.411 min
Delta R.T.: 0.012 min
Response: 216621
Conc: 1.43 ug/ml



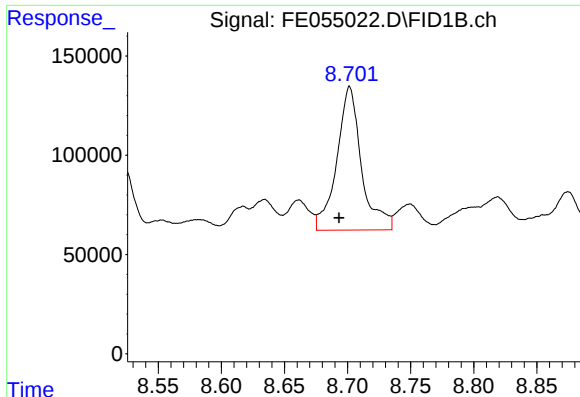
#4 n-Dodecane (C12)

R.T.: 6.864 min
Delta R.T.: 0.008 min
Response: 563938
Conc: 4.11 ug/ml



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

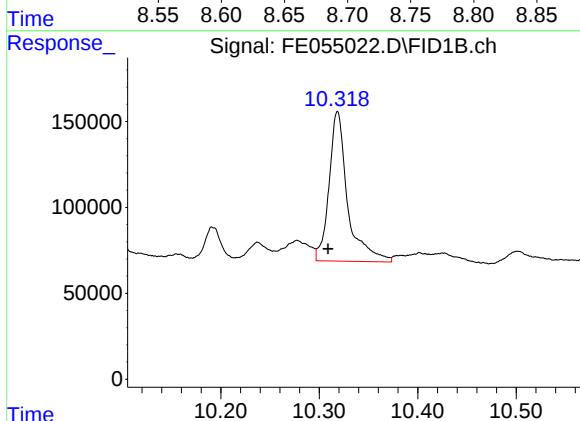
R.T.: 7.489 min
Delta R.T.: -0.012 min
Response: 141602
Conc: 0.96 ug/ml



#6 n-Tetradecane (C14)

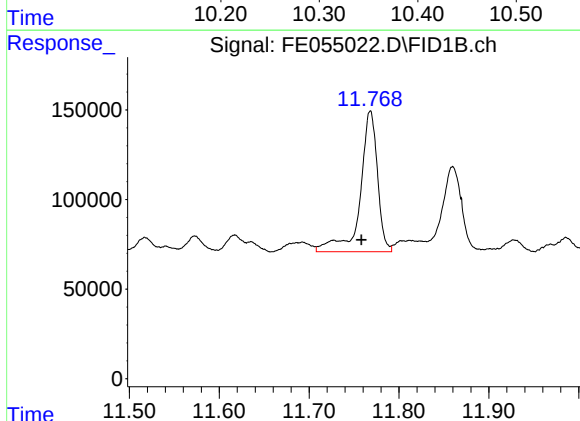
R.T.: 8.702 min
Delta R.T.: 0.008 min
Response: 983650
Conc: 7.10 ug/ml

Instrument :
FID_E
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PL-02-07232025



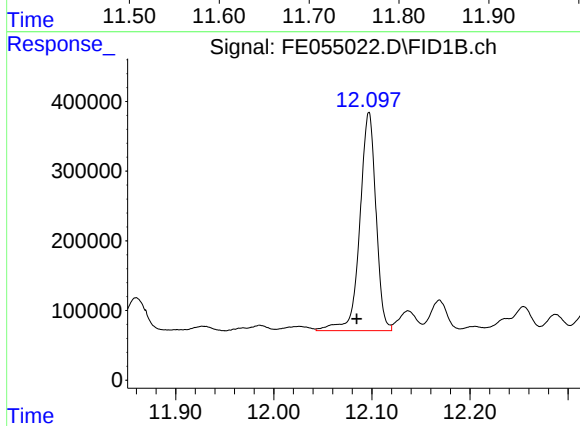
#7 n-Hexadecane (C16)

R.T.: 10.319 min
Delta R.T.: 0.010 min
Response: 1141752
Conc: 8.01 ug/ml



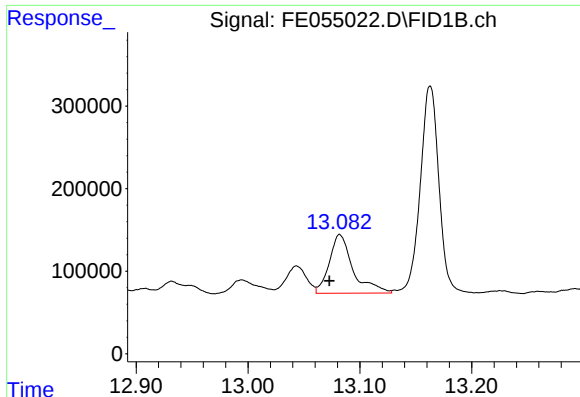
#8 n-Octadecane (C18)

R.T.: 11.768 min
Delta R.T.: 0.010 min
Response: 1055563
Conc: 7.20 ug/ml



#9 ortho-Terphenyl (SURR)

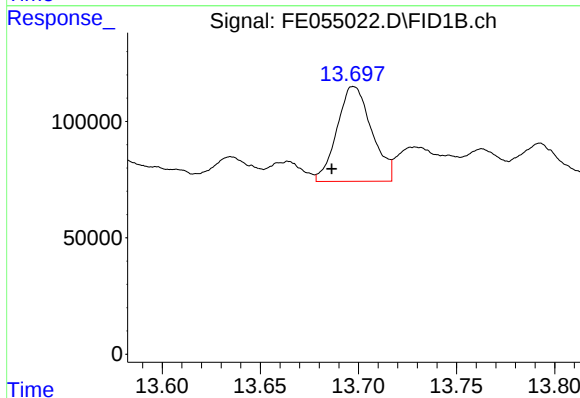
R.T.: 12.097 min
Delta R.T.: 0.012 min
Response: 3588355
Conc: 22.10 ug/ml



#10 n-Eicosane (C20)

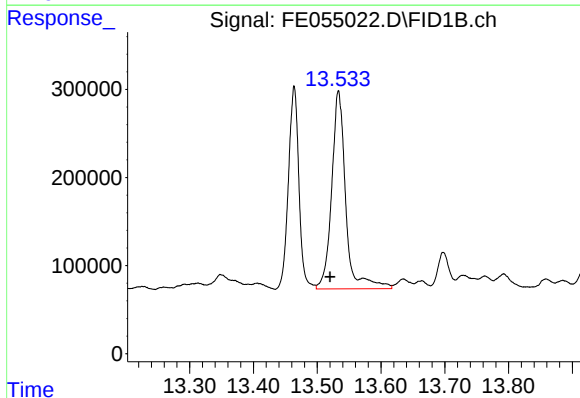
R.T.: 13.082 min
Delta R.T.: 0.010 min
Response: 1047195
Conc: 7.28 ug/ml

Instrument :
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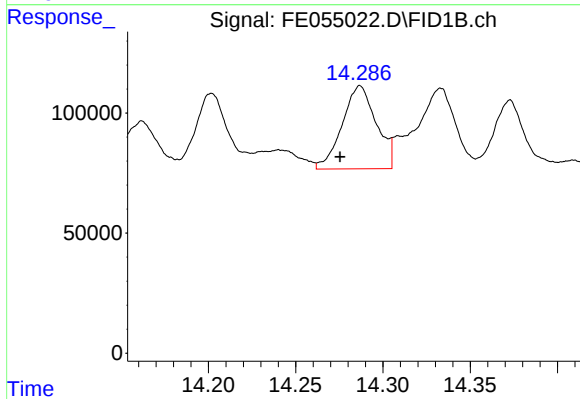
#11 n-Heneicosane (C21)

R.T.: 13.698 min
Delta R.T.: 0.011 min
Response: 499722
Conc: 3.50 ug/ml



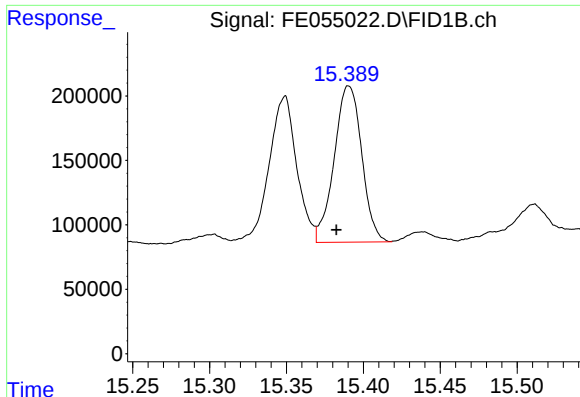
#12 1-chlorooctadecane (SURR)

R.T.: 13.534 min
Delta R.T.: 0.014 min
Response: 3438783
Conc: 27.23 ug/ml



#13 n-Docosane (C22)

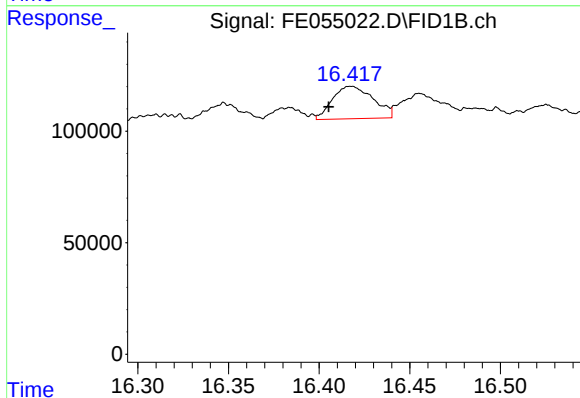
R.T.: 14.287 min
Delta R.T.: 0.011 min
Response: 470738
Conc: 3.30 ug/ml



#14 n-Tetracosane (C24)

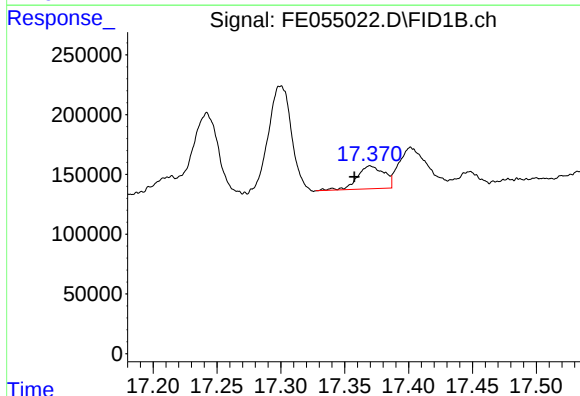
R.T.: 15.391 min
Delta R.T.: 0.008 min
Response: 1512737
Conc: 10.41 ug/ml

Instrument :
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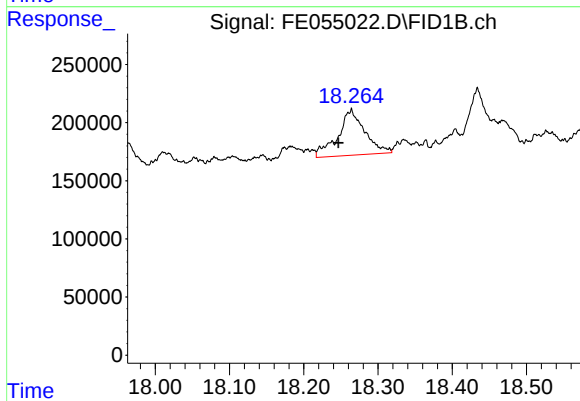
#15 n-Hexacosane (C26)

R.T.: 16.418 min
Delta R.T.: 0.012 min
Response: 227353
Conc: 1.57 ug/ml



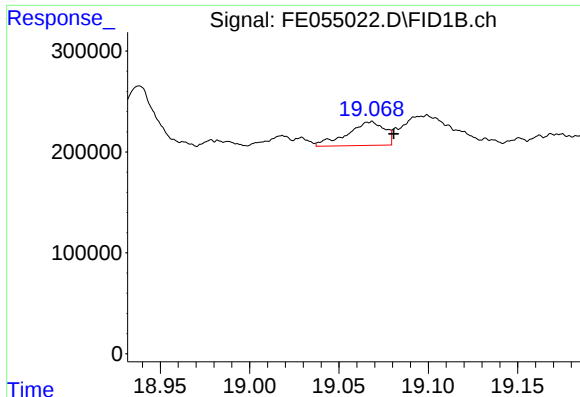
#16 n-Octacosane (C28)

R.T.: 17.370 min
Delta R.T.: 0.013 min
Response: 280673
Conc: 1.93 ug/ml



#17 n-Tricontane (C30)

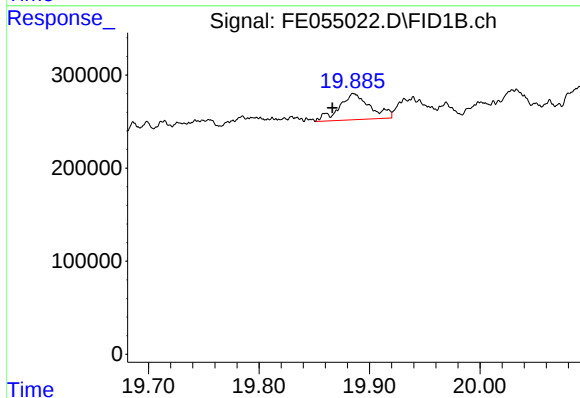
R.T.: 18.263 min
Delta R.T.: 0.017 min
Response: 982849
Conc: 6.24 ug/ml



#18 n-Dotriacontane (C32)

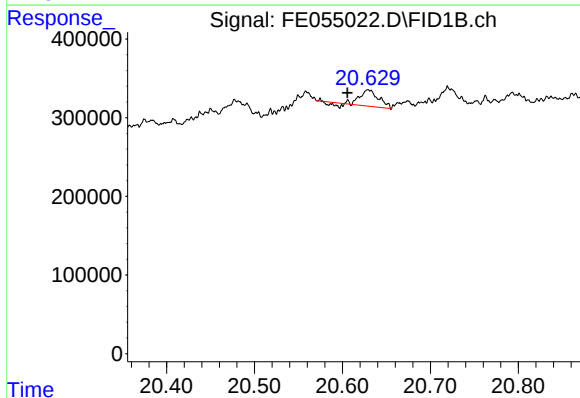
R.T.: 19.068 min
Delta R.T.: -0.013 min
Response: 339388
Conc: 2.10 ug/ml

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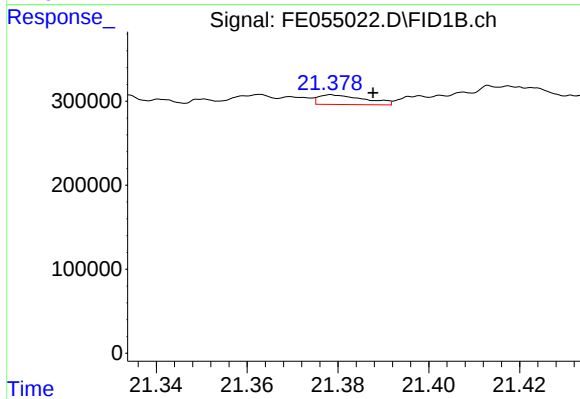
#19 n-Tetratriacontane (C34)

R.T.: 19.886 min
Delta R.T.: 0.020 min
Response: 543565
Conc: 3.57 ug/ml



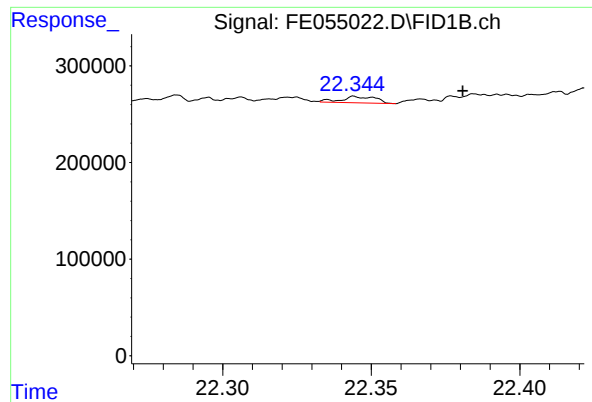
#20 n-Hexatriacontane (C36)

R.T.: 20.630 min
Delta R.T.: 0.024 min
Response: 276840
Conc: 2.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: -0.009 min
Response: 80914
Conc: 0.69 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.347 min
Delta R.T.: -0.034 min
Response: 52713
Conc: 0.49 ug/ml

Instrument :

FID_E

ClientSampleId :

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