

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054718.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 22:36
 Operator : YP\AJ
 Sample : Q2507-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-04-07032025-EPH

Integration File: autoint1.e
 Quant Time: Jul 08 03:33:51 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)	12.084	4983985	30.691 ug/ml
Spiked Amount 50.000		Recovery =	61.38%
12) S 1-chlorooctadecane (S...	13.520	3593636	28.455 ug/ml
Spiked Amount 50.000		Recovery =	56.91%
Target Compounds			
2) T n-Decane (C10)	4.678	12219	0.090 ug/ml
3) T A~Naphthalene (C11.7)	6.399	80864	0.534 ug/ml
4) T n-Dodecane (C12)	6.854	294831	2.149 ug/ml
5) T A~2-methylnaphthalene...	7.504	373161	2.538 ug/ml
6) T n-Tetradecane (C14)	8.691	1371303	9.892 ug/ml
7) T n-Hexadecane (C16)	10.307	2802359	19.664 ug/ml
8) T n-Octadecane (C18)	11.757	3063299	20.902 ug/ml
10) T n-Eicosane (C20)	13.070	2283911	15.883 ug/ml
11) T n-Heneicosane (C21)	13.684	1469060	10.285 ug/ml
13) T n-Docosane (C22)	14.272	958978	6.716 ug/ml
14) T n-Tetracosane (C24)	15.370	691065	4.754 ug/ml
15) T n-Hexacosane (C26)	16.354	27349	0.189 ug/ml
16) T n-Octacosane (C28)	17.355	324295	2.225 ug/ml
17) T n-Tricontane (C30)	18.243	327058	2.075 ug/ml
18) T n-Dotriacontane (C32)	19.031	140687	0.870 ug/ml
19) T n-Tetratriacontane (C34)	19.866	492396	3.231 ug/ml
20) T n-Hexatriacontane (C36)	20.606	931903	6.931 ug/ml
21) T n-Octatriacontane (C38)	21.386	381810	3.255 ug/ml
22) T n-Tetracontane (C40)	22.327	445708	4.112 ug/ml

(f)=RT Delta > 1/2 Window

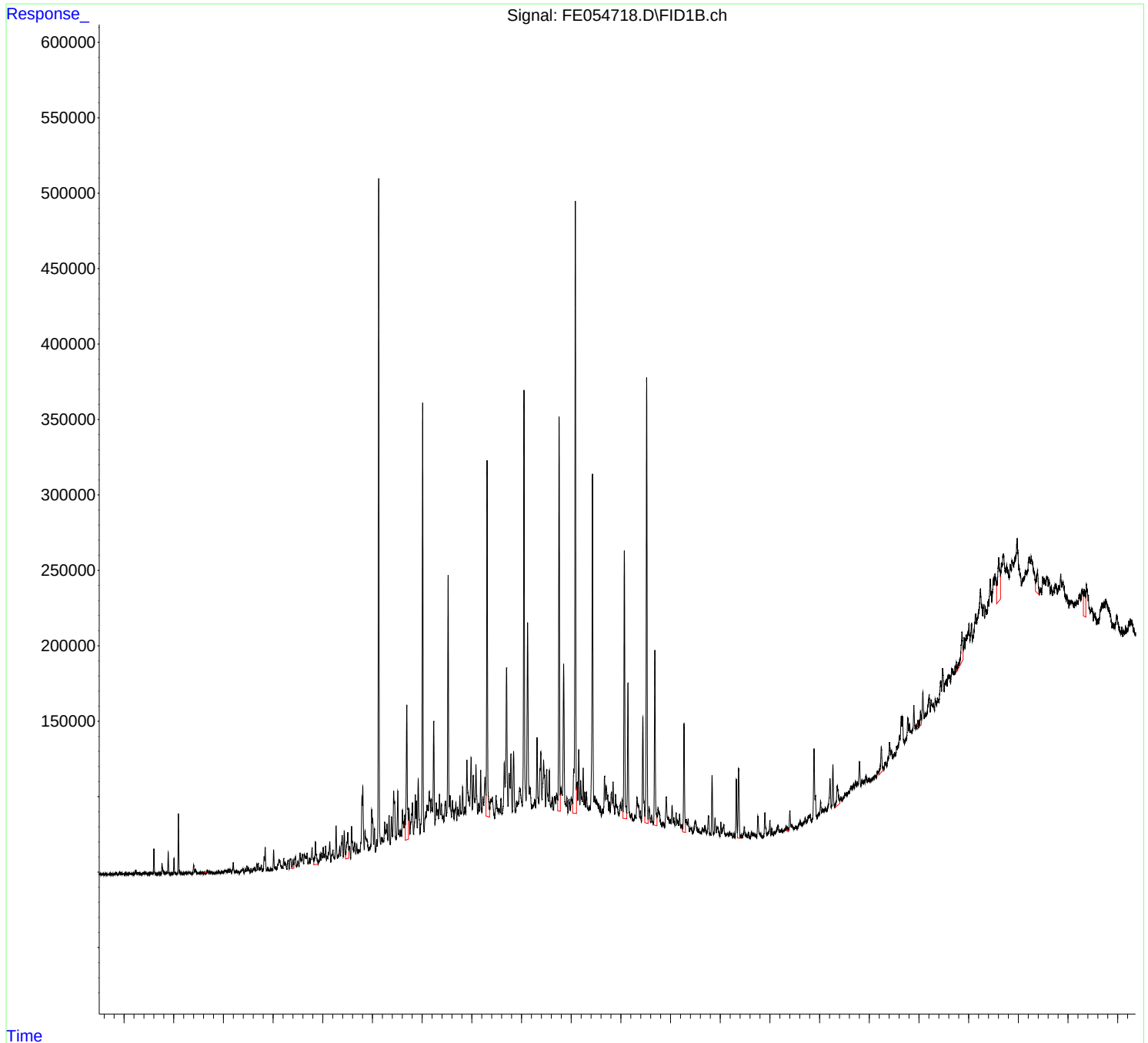
(m)=manual int.

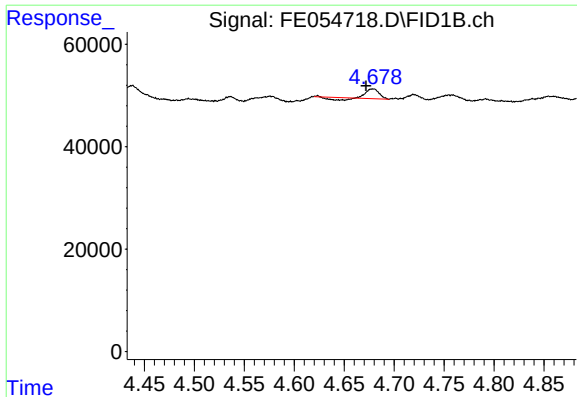
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
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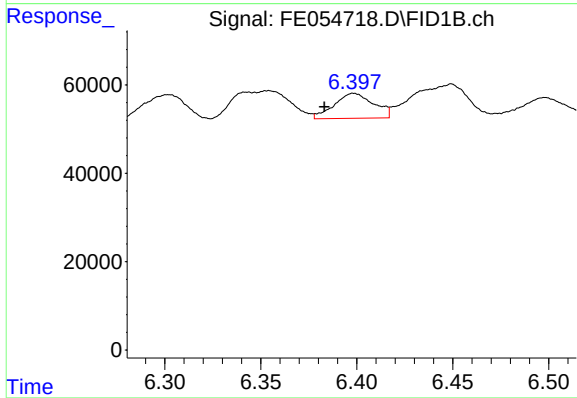




#2 n-Decane (C10)

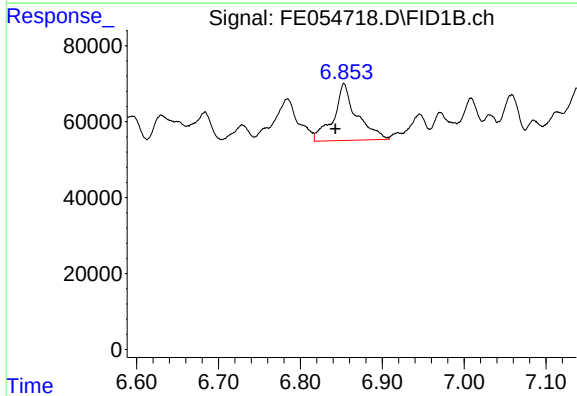
R.T.: 4.678 min
Delta R.T.: 0.007 min
Response: 12219
Conc: 0.09 ug/ml

Instrument :
FID_E
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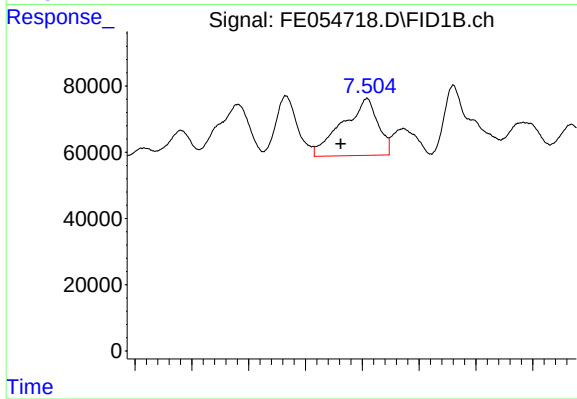
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: 0.015 min
Response: 80864
Conc: 0.53 ug/ml



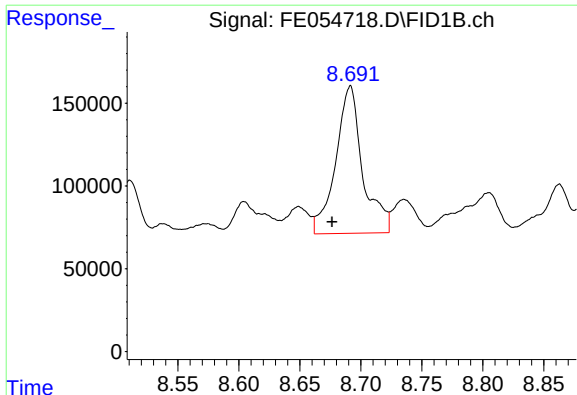
#4 n-Dodecane (C12)

R.T.: 6.854 min
Delta R.T.: 0.011 min
Response: 294831
Conc: 2.15 ug/ml



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

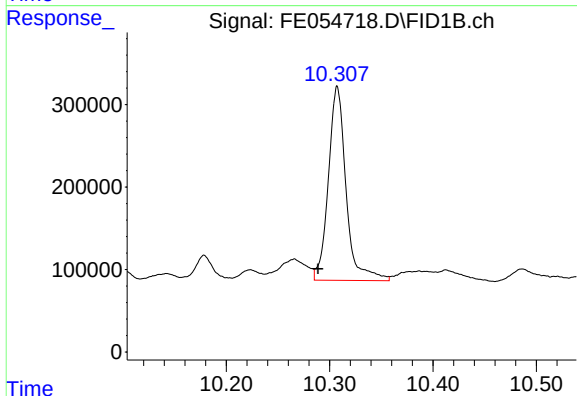
R.T.: 7.504 min
Delta R.T.: 0.023 min
Response: 373161
Conc: 2.54 ug/ml



#6 n-Tetradecane (C14)

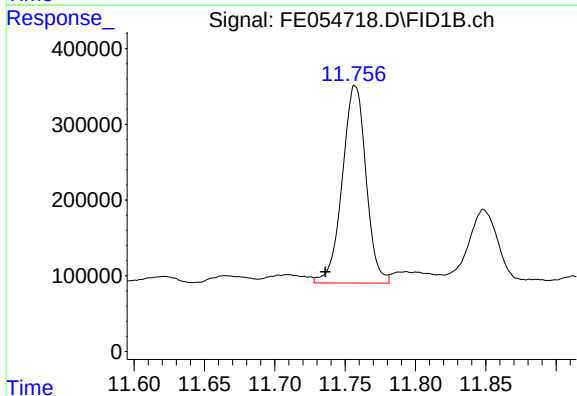
R.T.: 8.691 min
Delta R.T.: 0.015 min
Response: 1371303
Conc: 9.89 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-04-07032025-EPH



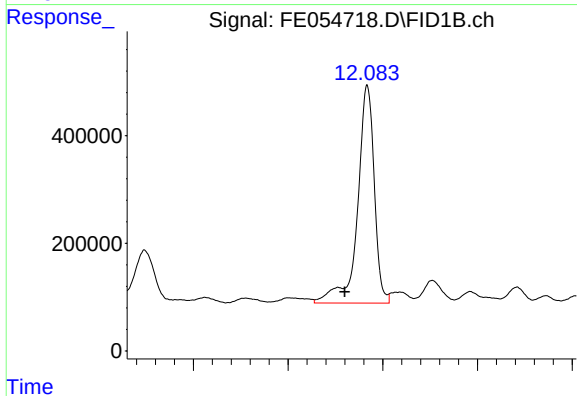
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: 0.018 min
Response: 2802359
Conc: 19.66 ug/ml



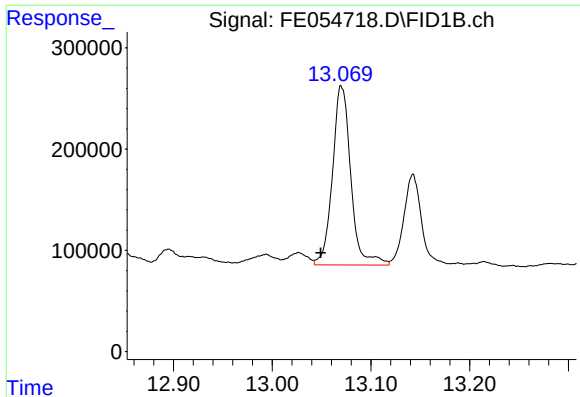
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: 0.021 min
Response: 3063299
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURRE)

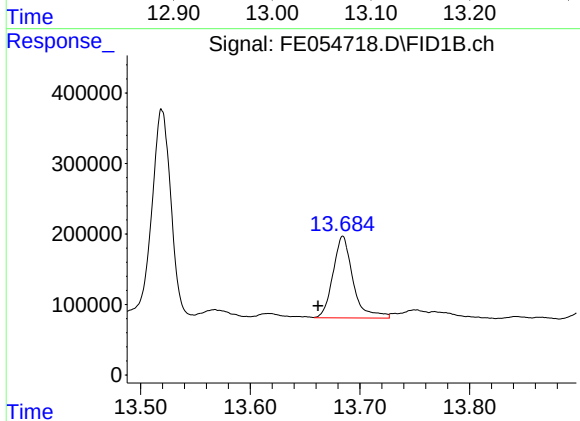
R.T.: 12.084 min
Delta R.T.: 0.024 min
Response: 4983985
Conc: 30.69 ug/ml



#10 n-Eicosane (C20)

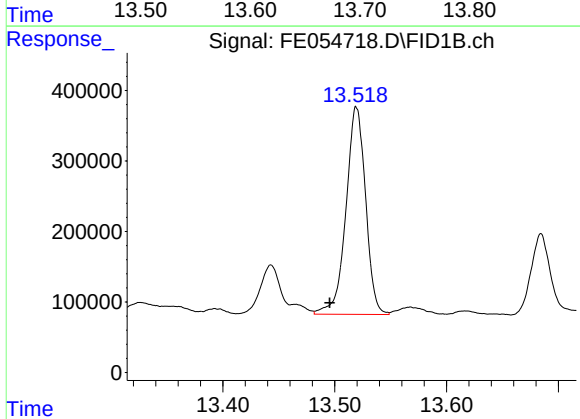
R.T.: 13.070 min
Delta R.T.: 0.021 min
Response: 2283911
Conc: 15.88 ug/ml

Instrument :
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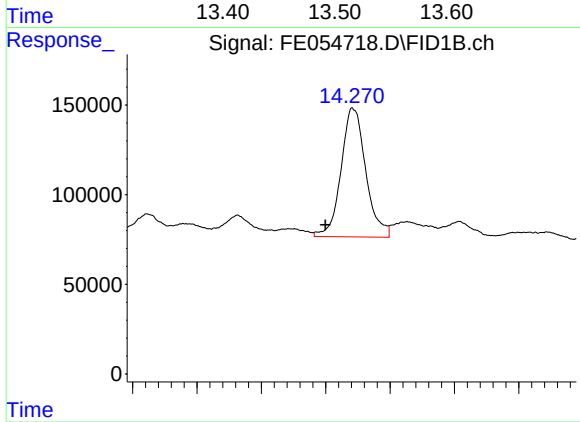
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: 0.023 min
Response: 1469060
Conc: 10.29 ug/ml



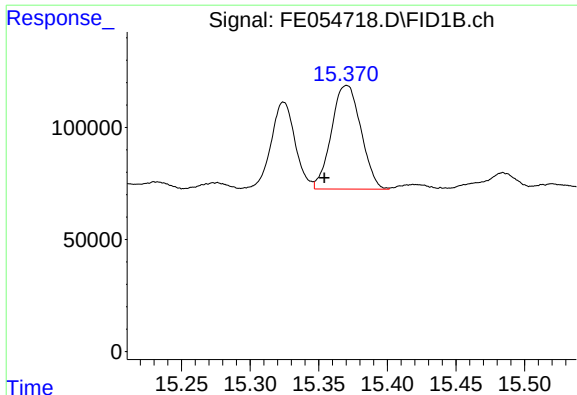
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.024 min
Response: 3593636
Conc: 28.45 ug/ml



#13 n-Docosane (C22)

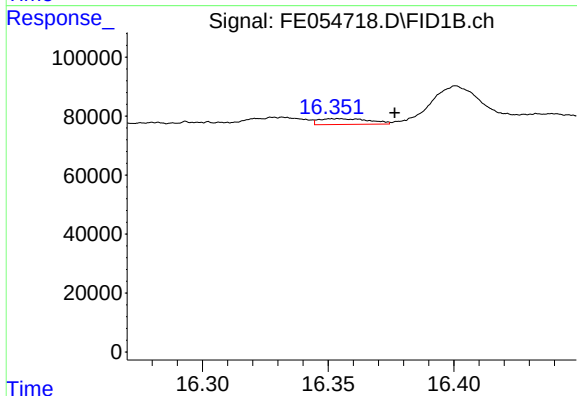
R.T.: 14.272 min
Delta R.T.: 0.022 min
Response: 958978
Conc: 6.72 ug/ml



#14 n-Tetracosane (C24)

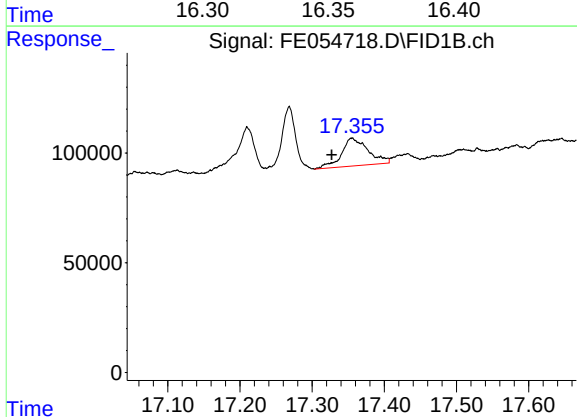
R.T.: 15.370 min
Delta R.T.: 0.016 min
Response: 691065
Conc: 4.75 ug/ml

Instrument :
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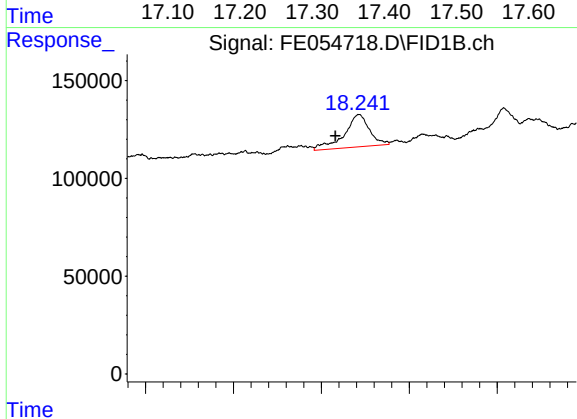
#15 n-Hexacosane (C26)

R.T.: 16.354 min
Delta R.T.: -0.023 min
Response: 27349
Conc: 0.19 ug/ml



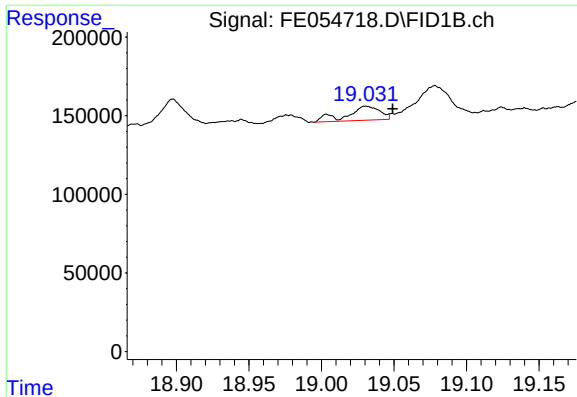
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: 0.028 min
Response: 324295
Conc: 2.23 ug/ml



#17 n-Tricontane (C30)

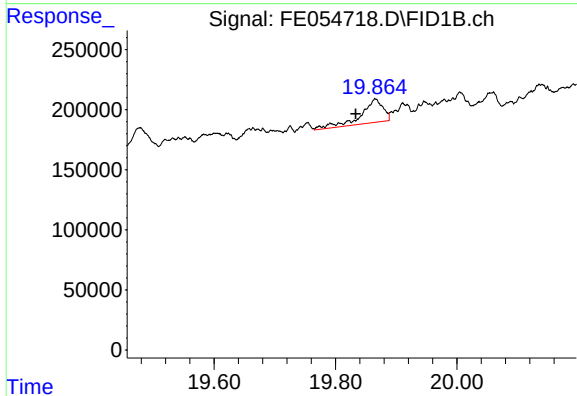
R.T.: 18.243 min
Delta R.T.: 0.027 min
Response: 327058
Conc: 2.08 ug/ml



#18 n-Dotriacontane (C32)

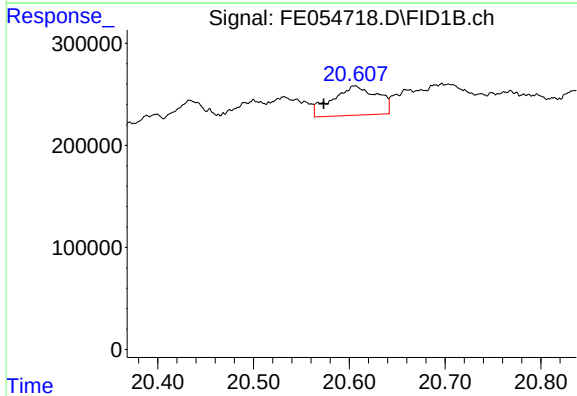
R.T.: 19.031 min
Delta R.T.: -0.018 min
Response: 140687
Conc: 0.87 ug/ml

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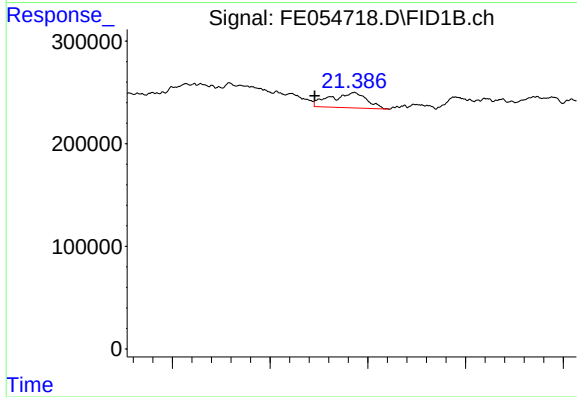
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.033 min
Response: 492396
Conc: 3.23 ug/ml



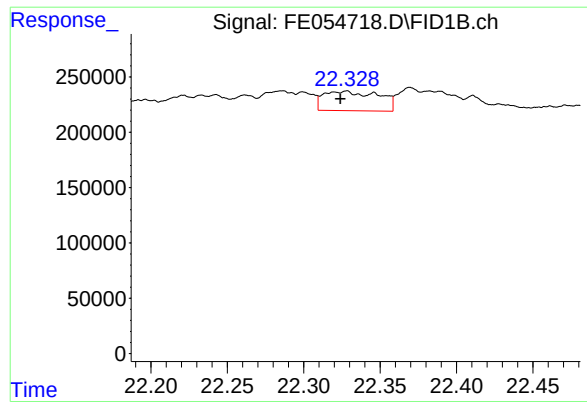
#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.033 min
Response: 931903
Conc: 6.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: 0.040 min
Response: 381810
Conc: 3.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.003 min
Response: 445708
Conc: 4.11 ug/ml

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