

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
 Data File : FE054172.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2025 16:22
 Operator : YP\AJ
 Sample : Q2182-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-06022025-E2

Integration File: autoint1.e
 Quant Time: Jun 05 06:26:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.839	4542439	27.951 ug/ml
Spiked Amount 50.000		Recovery =	55.90%
12) S 1-chlorooctadecane (S...	13.285	4310964	36.364 ug/ml
Spiked Amount 50.000		Recovery =	72.73%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.175	98099	0.683 ug/ml
5) T A~2-methylnaphthalene...	7.277	68197	0.492 ug/ml
6) T n-Tetradecane (C14)	8.463	69794	0.517 ug/ml
7) T n-Hexadecane (C16)	10.095	79583	0.590 ug/ml
8) T n-Octadecane (C18)	11.522	24973	0.185 ug/ml
10) T n-Eicosane (C20)	12.847	170176	1.295 ug/ml
11) T n-Heneicosane (C21)	13.449	46454	0.358 ug/ml
13) T n-Docosane (C22)	14.039	261340	2.049 ug/ml
14) T n-Tetracosane (C24)	15.132	2079959	16.624 ug/ml
15) T n-Hexacosane (C26)	16.174	248184	2.027 ug/ml
16) T n-Octacosane (C28)	17.148	640193	5.266 ug/ml
17) T n-Tricontane (C30)	18.009	416313	3.342 ug/ml
18) T n-Dotriacontane (C32)	18.834	401077	3.207 ug/ml
19) T n-Tetratriacontane (C34)	19.657	244992	2.057 ug/ml
20) T n-Hexatriacontane (C36)	20.378	205012	1.771 ug/ml
21) T n-Octatriacontane (C38)	21.088	316576	2.909 ug/ml
22) T n-Tetracontane (C40)	21.996	83699	0.843 ug/ml

(f)=RT Delta > 1/2 Window

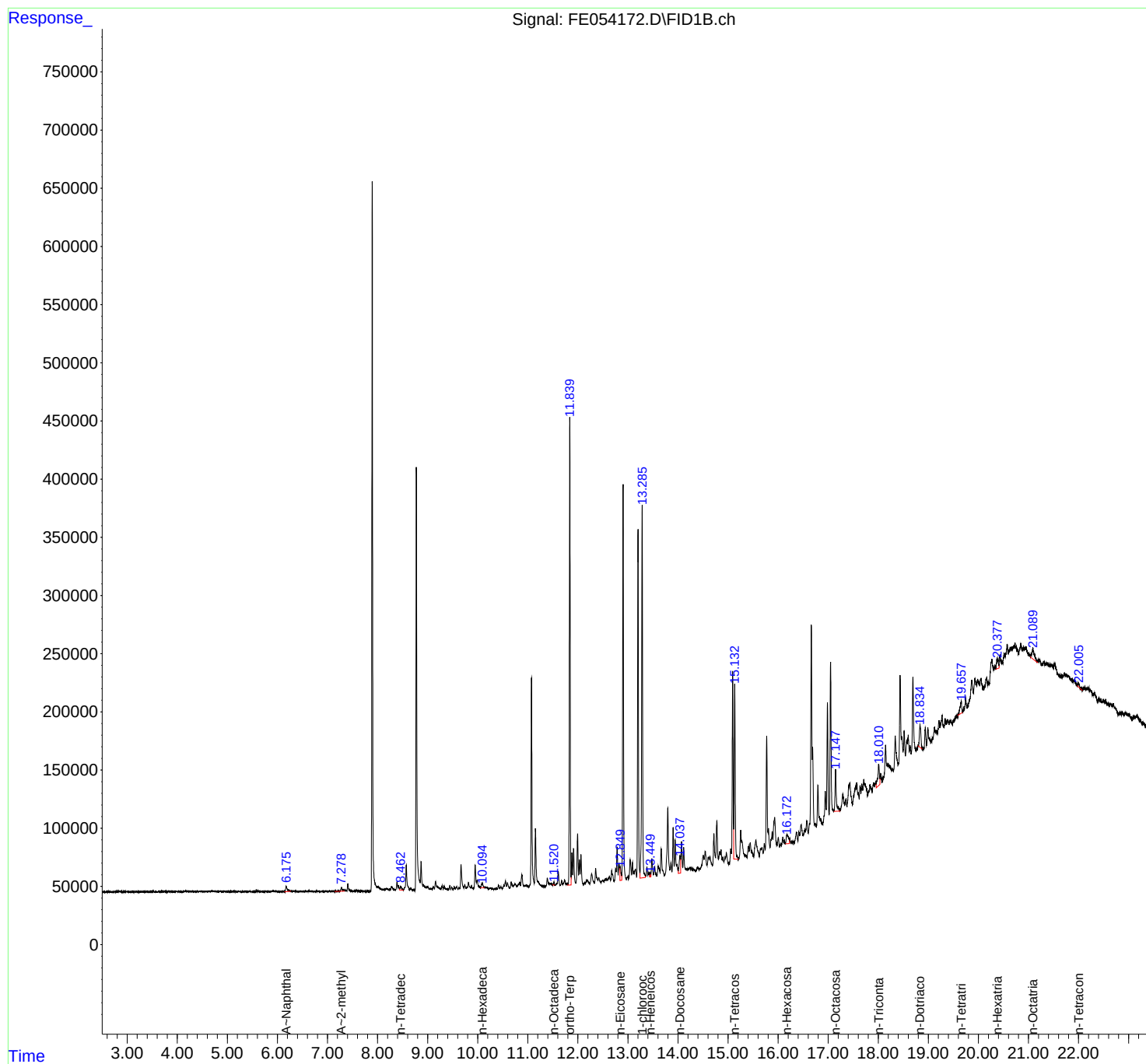
(m)=manual int.

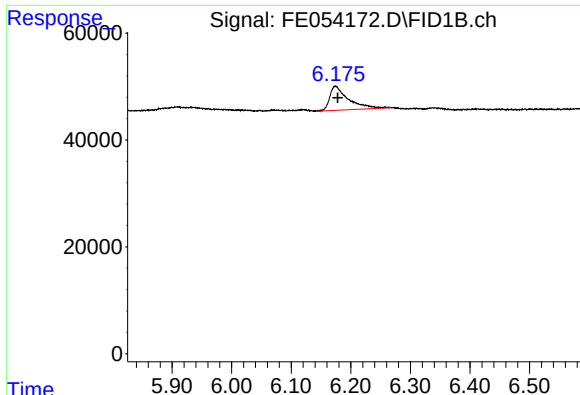
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
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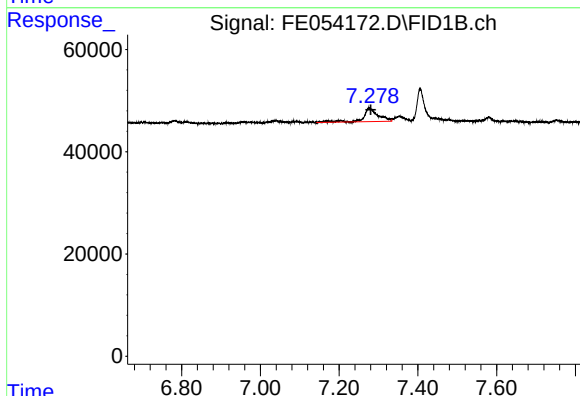




#3 A~Naphthalene (C11.7)

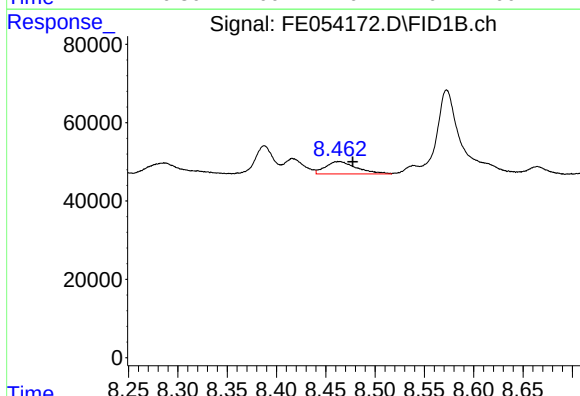
R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 98099
Conc: 0.68 ug/ml

Instrument :
FID_E
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OR-03-06022025-E2



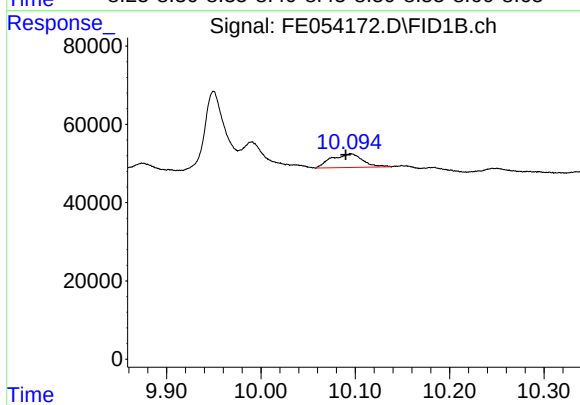
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 68197
Conc: 0.49 ug/ml



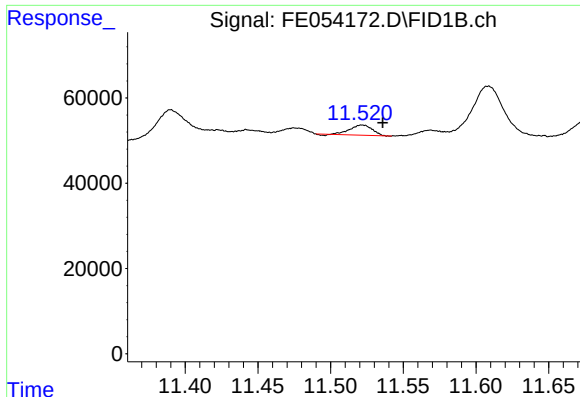
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 69794
Conc: 0.52 ug/ml



#7 n-Hexadecane (C16)

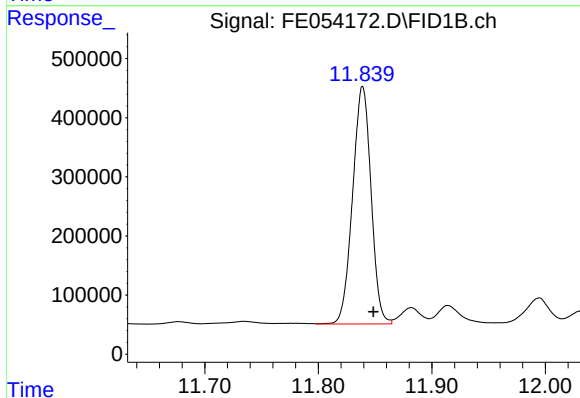
R.T.: 10.095 min
Delta R.T.: 0.005 min
Response: 79583
Conc: 0.59 ug/ml



#8 n-Octadecane (C18)

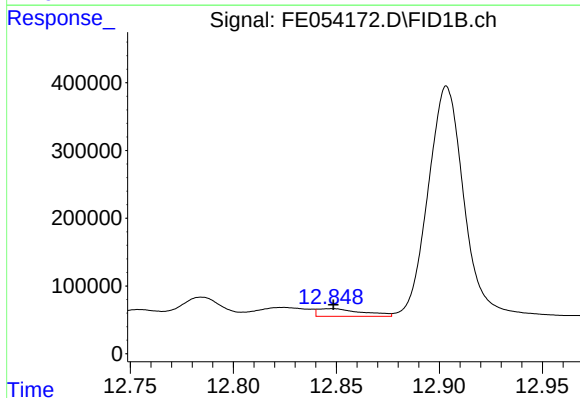
R.T.: 11.522 min
Delta R.T.: -0.014 min
Response: 24973
Conc: 0.19 ug/ml

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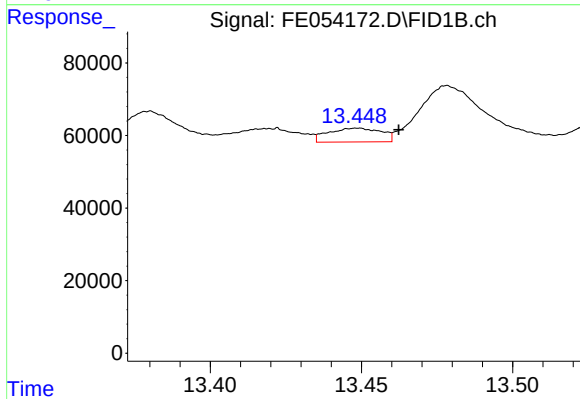
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.010 min
Response: 4542439
Conc: 27.95 ug/ml



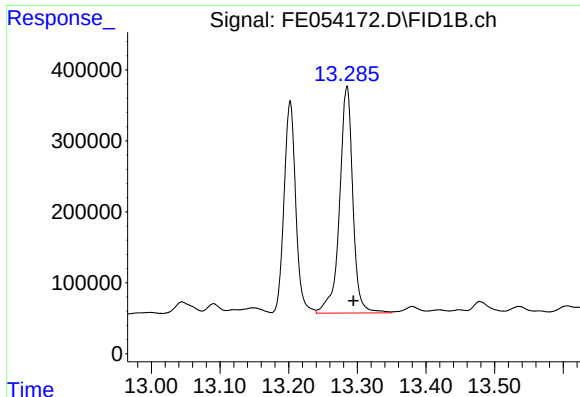
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.002 min
Response: 170176
Conc: 1.29 ug/ml



#11 n-Heneicosane (C21)

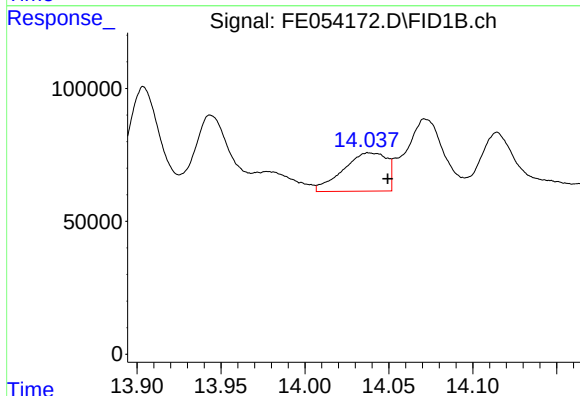
R.T.: 13.449 min
Delta R.T.: -0.014 min
Response: 46454
Conc: 0.36 ug/ml



#12 1-chlorooctadecane (SURR)

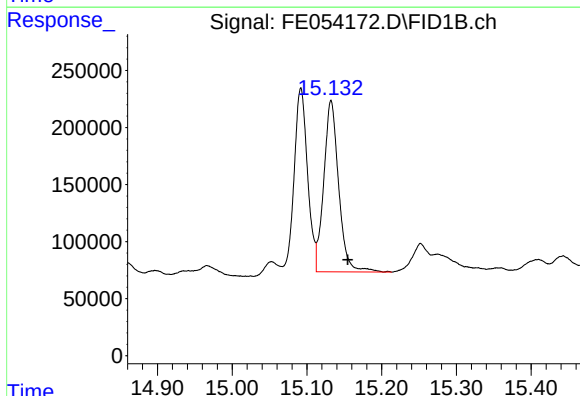
R.T.: 13.285 min
Delta R.T.: -0.010 min
Response: 4310964
Conc: 36.36 ug/ml

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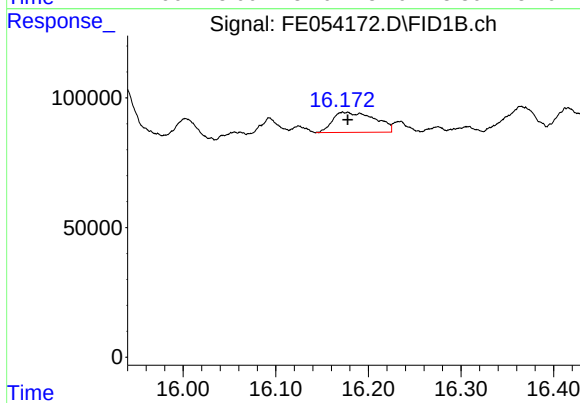
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 261340
Conc: 2.05 ug/ml



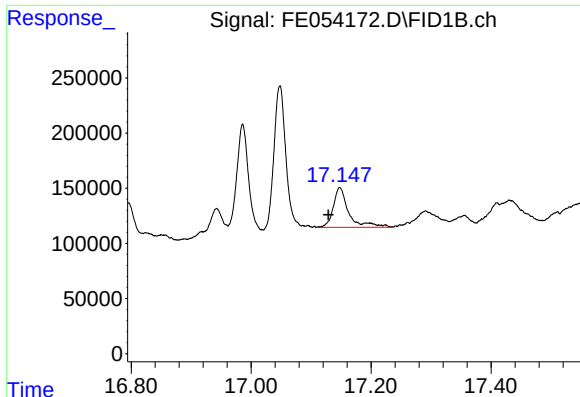
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.022 min
Response: 2079959
Conc: 16.62 ug/ml



#15 n-Hexacosane (C26)

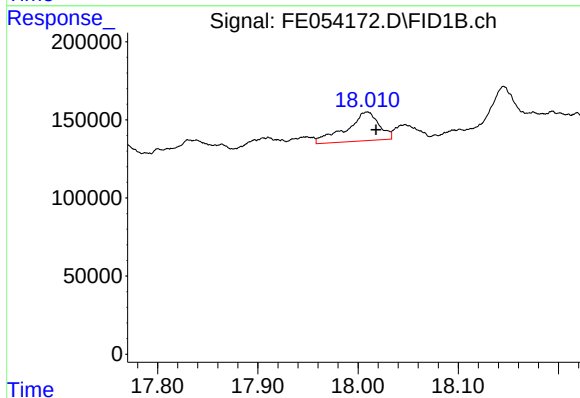
R.T.: 16.174 min
Delta R.T.: -0.004 min
Response: 248184
Conc: 2.03 ug/ml



#16 n-Octacosane (C28)

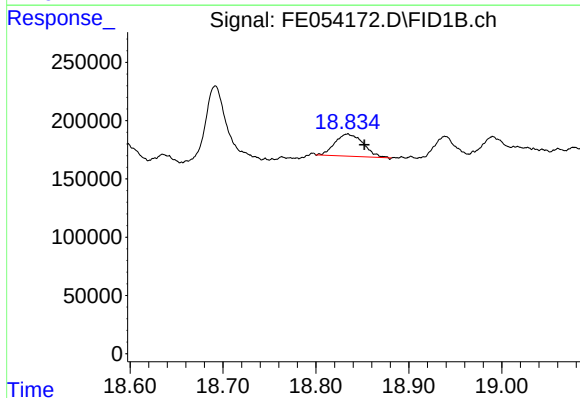
R.T.: 17.148 min
Delta R.T.: 0.019 min
Response: 640193
Conc: 5.27 ug/ml

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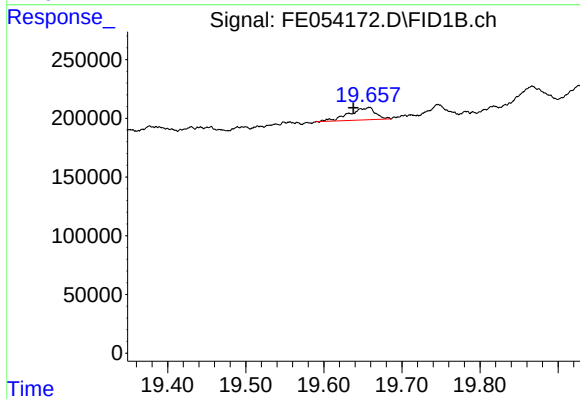
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.009 min
Response: 416313
Conc: 3.34 ug/ml



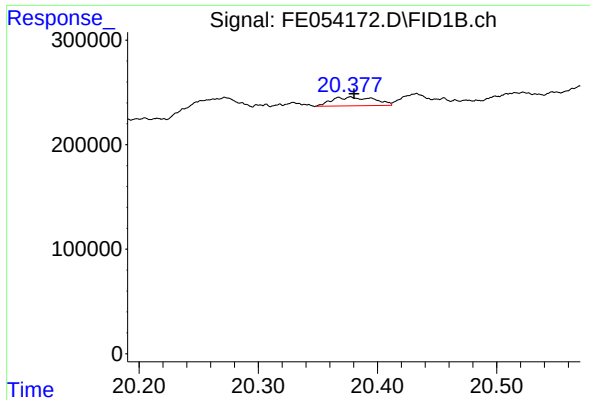
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.018 min
Response: 401077
Conc: 3.21 ug/ml



#19 n-Tetratriacontane (C34)

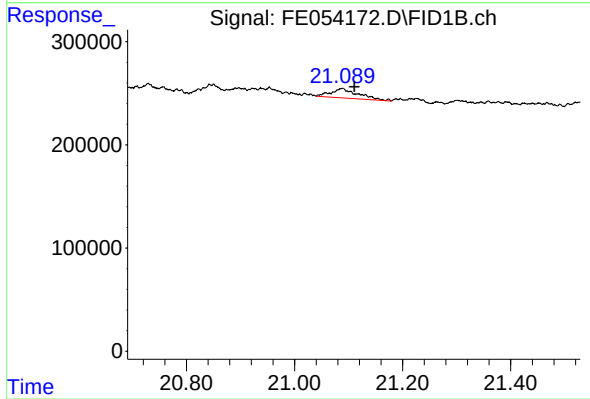
R.T.: 19.657 min
Delta R.T.: 0.020 min
Response: 244992
Conc: 2.06 ug/ml



#20 n-Hexatriacontane (C36)

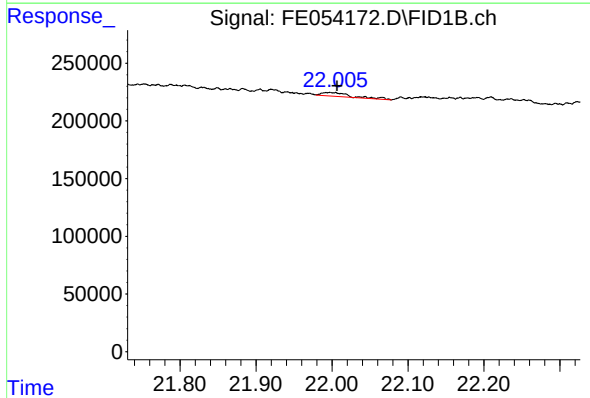
R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 205012
Conc: 1.77 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.023 min
Response: 316576
Conc: 2.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.010 min
Response: 83699
Conc: 0.84 ug/ml