

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043774.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 12:49
 Operator : YP\AJ
 Sample : 03572-02
 Misc : LOQ 5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 01:38:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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			
12) S 1-chlorooctadecane (S...	13.382	6810819	43.646 ug/ml
Spiked Amount 50.000		Recovery =	87.29%
Target Compounds			
1) T n-Nonane (C9)	3.328	675951	4.186 ug/ml
2) T n-Decane (C10)	4.579	673846	4.089 ug/ml
4) T n-Dodecane (C12)	6.743	698806	4.175 ug/ml
6) T n-Tetradecane (C14)	8.569	726415	4.312 ug/ml
7) T n-Hexadecane (C16)	10.178	723636	4.102 ug/ml
8) T n-Octadecane (C18)	11.622	758109	4.185 ug/ml
10) T n-Eicosane (C20)	12.933	724935	4.096 ug/ml
11) T n-Heneicosane (C21)	13.546	726266	4.102 ug/ml
13) T n-Docosane (C22)	14.133	716309	4.084 ug/ml
14) T n-Tetracosane (C24)	15.237	699013	3.978 ug/ml
15) T n-Hexacosane (C26)	16.259	673431	3.896 ug/ml
16) T n-Octacosane (C28)	17.211	648025	3.873 ug/ml
17) T n-Tricontane (C30)	18.100	625063	3.774 ug/ml
18) T n-Dotriacontane (C32)	18.934	606276	3.840 ug/ml
19) T n-Tetratriacontane (C34)	19.719	575995	3.876 ug/ml
20) T n-Hexatriacontane (C36)	20.461	552691	3.954 ug/ml
21) T n-Octatriacontane (C38)	21.204	509446	3.819 ug/ml
22) T n-Tetracontane (C40)	22.129	592668	4.593 ug/ml

(f)=RT Delta > 1/2 Window

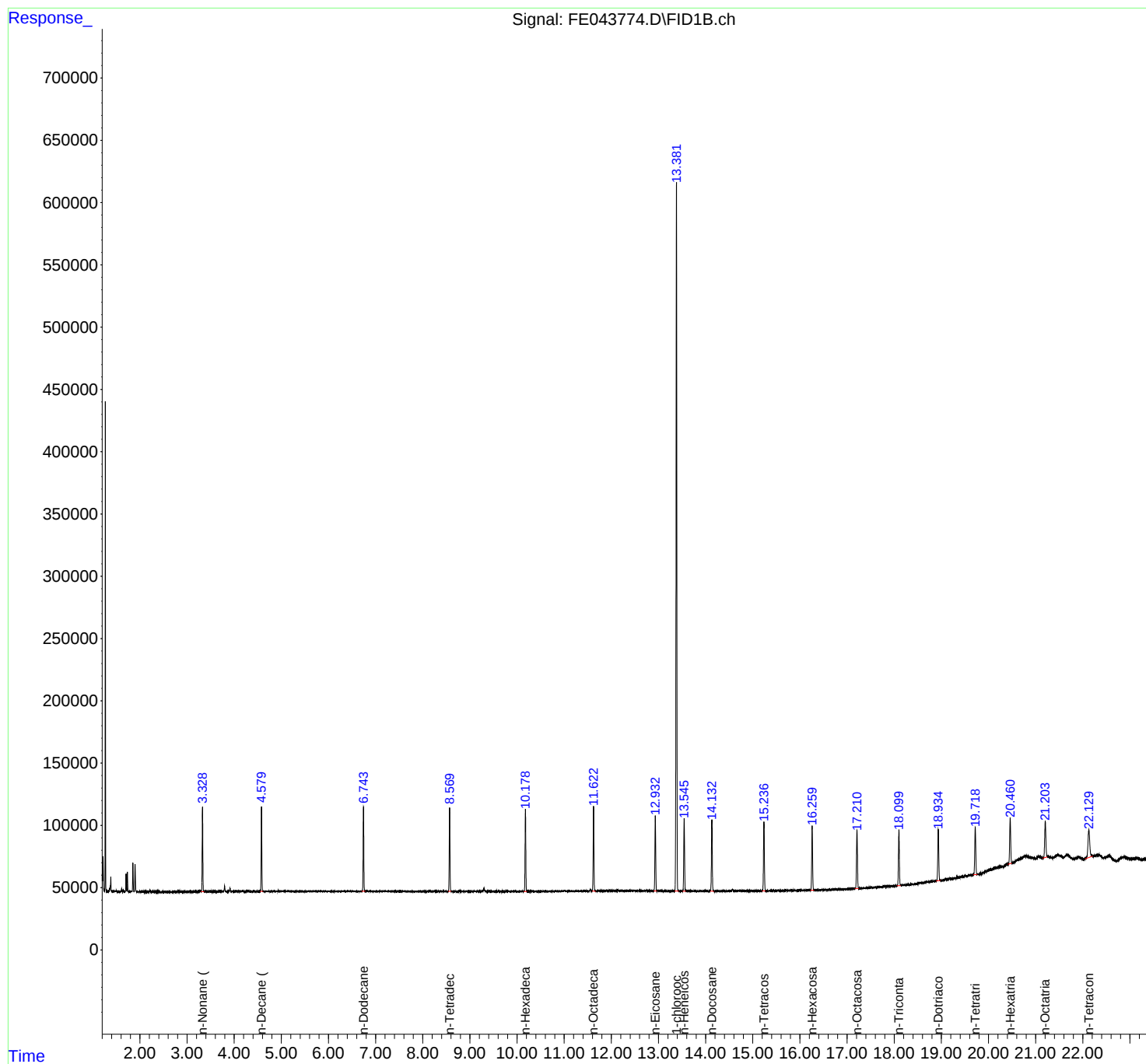
(m)=manual int.

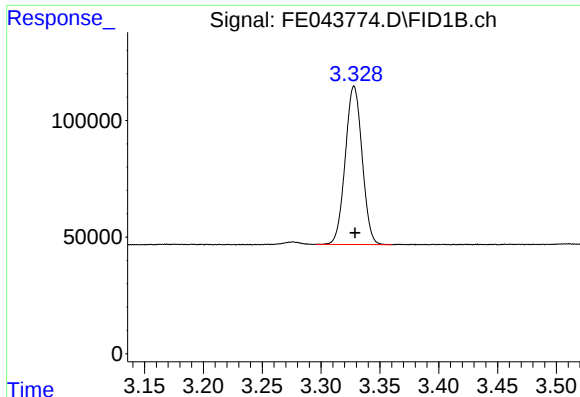
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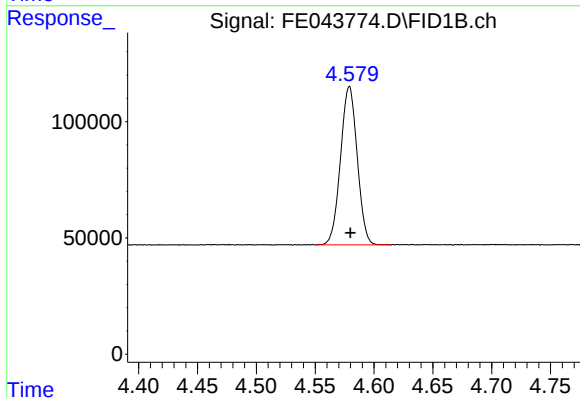




#1 n-Nonane (C9)

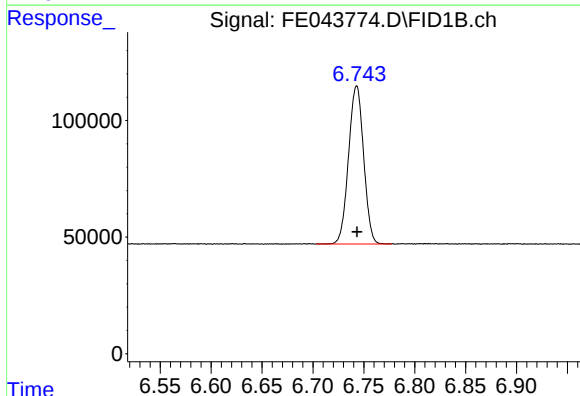
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 675951
Conc: 4.19 ug/ml

Instrument :
FID_E
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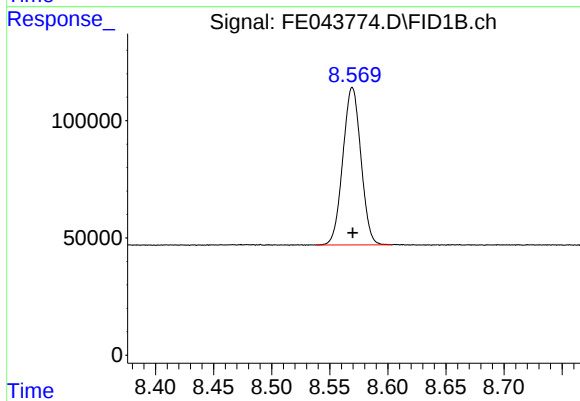
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 673846
Conc: 4.09 ug/ml



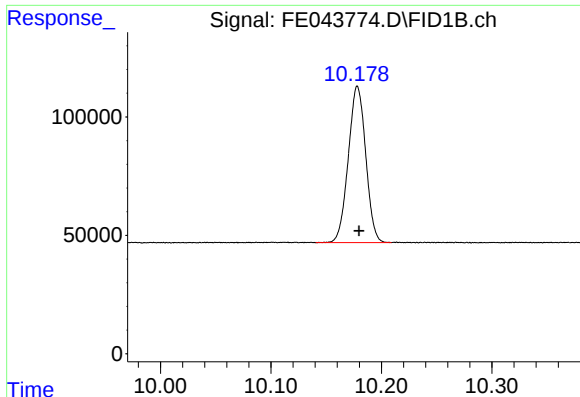
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 698806
Conc: 4.18 ug/ml



#6 n-Tetradecane (C14)

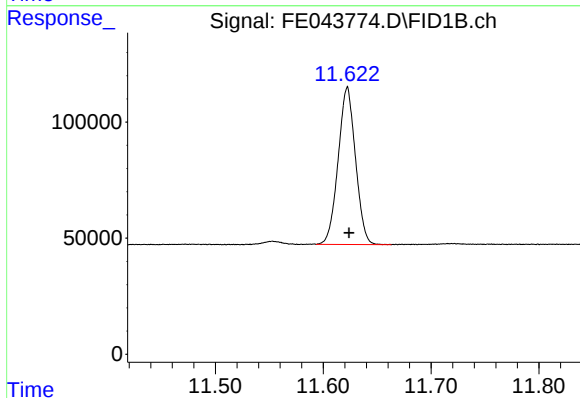
R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 726415
Conc: 4.31 ug/ml



#7 n-Hexadecane (C16)

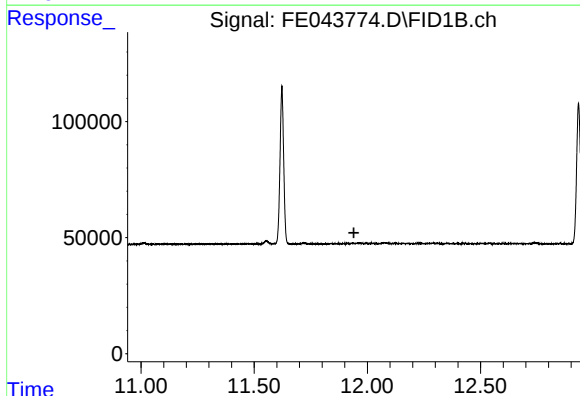
R.T.: 10.178 min
Delta R.T.: -0.001 min
Response: 723636
Conc: 4.10 ug/ml

Instrument :
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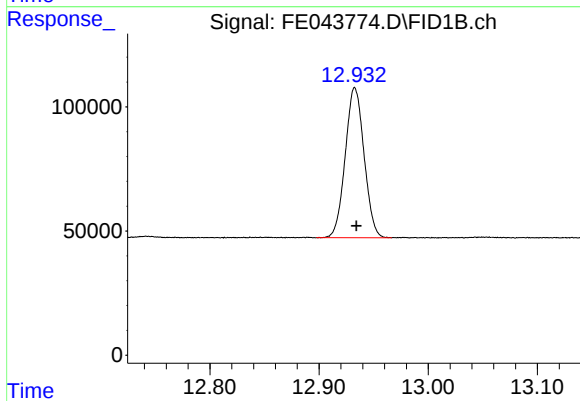
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 758109
Conc: 4.19 ug/ml



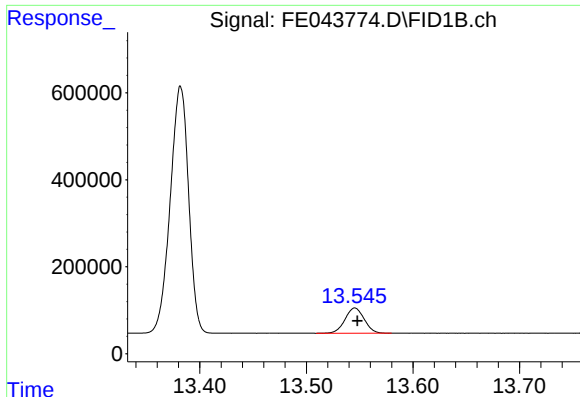
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

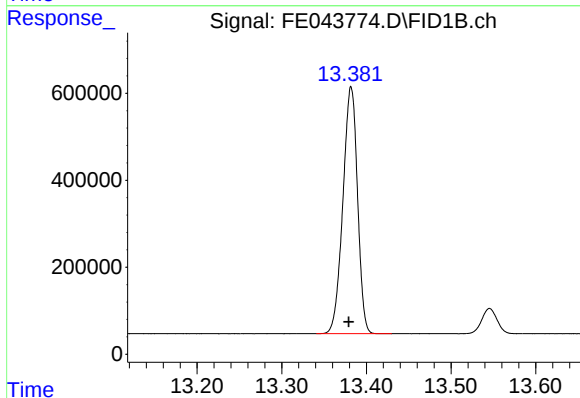
R.T.: 12.933 min
Delta R.T.: -0.002 min
Response: 724935
Conc: 4.10 ug/ml



#11 n-Heneicosane (C21)

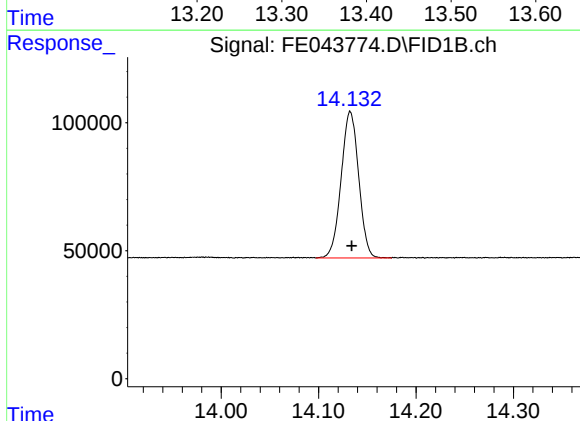
R.T.: 13.546 min
Delta R.T.: -0.002 min
Response: 726266
Conc: 4.10 ug/ml

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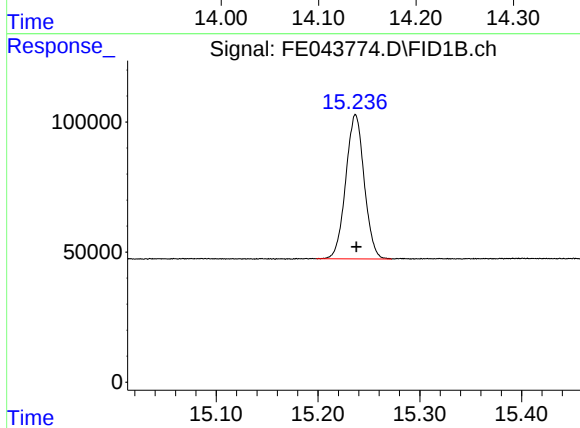
#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 6810819
Conc: 43.65 ug/ml



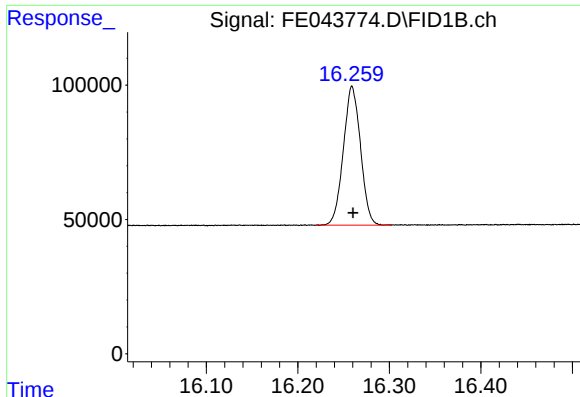
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.002 min
Response: 716309
Conc: 4.08 ug/ml



#14 n-Tetracosane (C24)

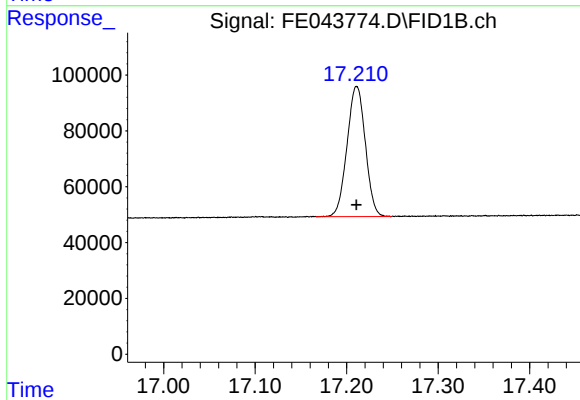
R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 699013
Conc: 3.98 ug/ml



#15 n-Hexacosane (C26)

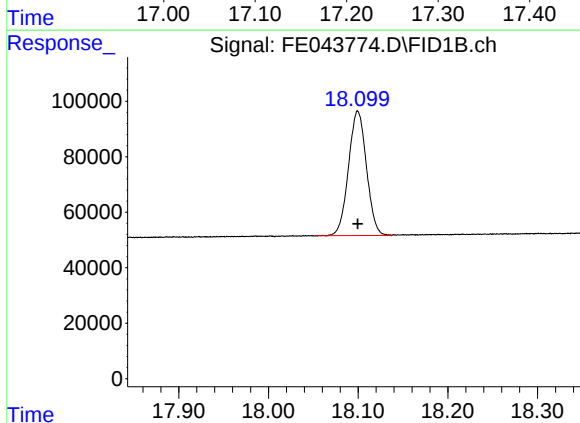
R.T.: 16.259 min
Delta R.T.: -0.001 min
Response: 673431
Conc: 3.90 ug/ml

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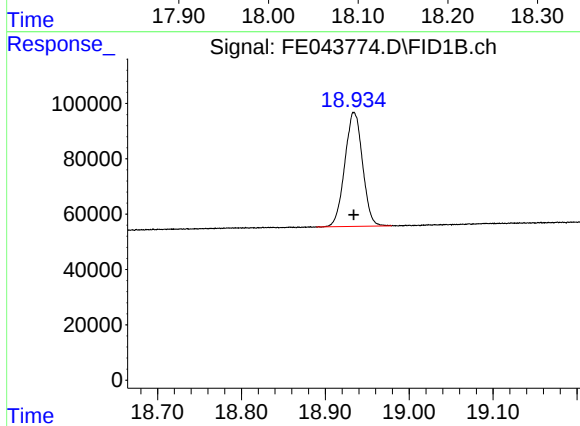
#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 648025
Conc: 3.87 ug/ml



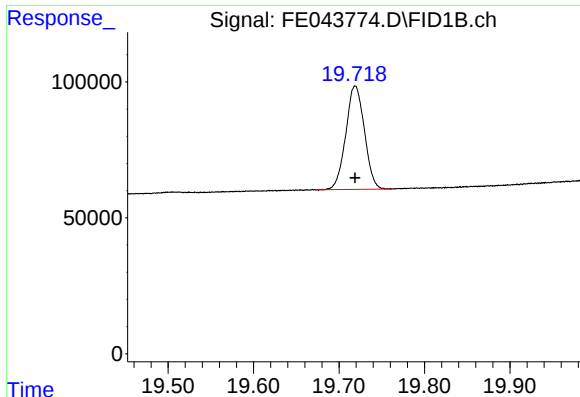
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 625063
Conc: 3.77 ug/ml



#18 n-Dotriacontane (C32)

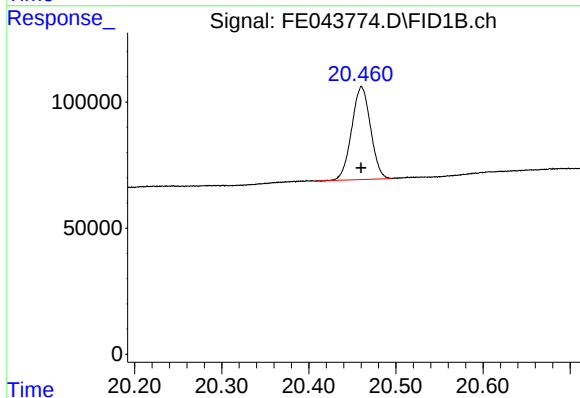
R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 606276
Conc: 3.84 ug/ml



#19 n-Tetratriacontane (C34)

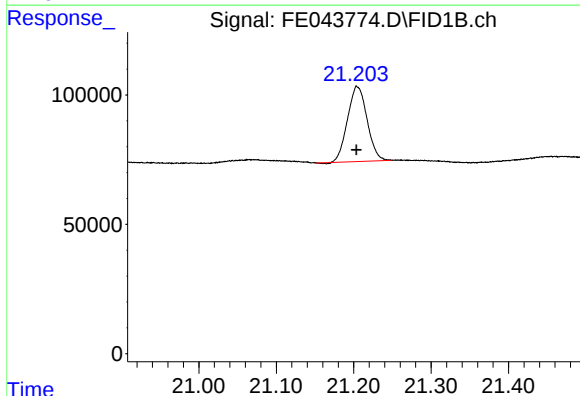
R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 575995
Conc: 3.88 ug/ml

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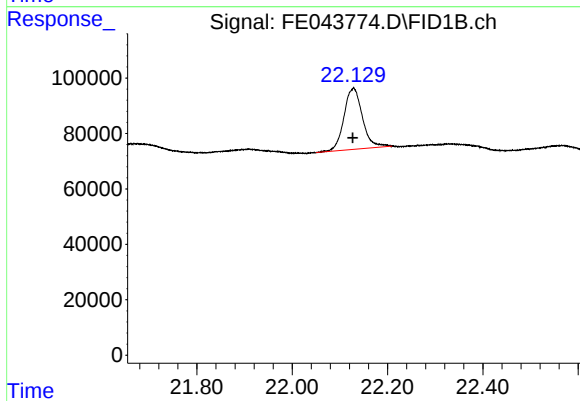
#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: 0.000 min
Response: 552691
Conc: 3.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 509446
Conc: 3.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.002 min
Response: 592668
Conc: 4.59 ug/ml