

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015199.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 15:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 20 15:50:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 15:49:44 2024
 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)	11.923	3329472	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.358	2572942	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.318	2745203	20.000 ug/ml
2) T n-Decane (C10)	4.570	2805475	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3096688	20.000 ug/ml
4) T n-Dodecane (C12)	6.733	2844695	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.364	3013470	20.000 ug/ml
6) T n-Tetradecane (C14)	8.559	2856890	20.000 ug/ml
7) T n-Hexadecane (C16)	10.164	2992576	20.000 ug/ml
8) T n-Octadecane (C18)	11.606	3071764	20.000 ug/ml
10) T n-Eicosane (C20)	12.914	2994395	20.000 ug/ml
11) T n-Heneicosane (C21)	13.525	2959314	20.000 ug/ml
13) T n-Docosane (C22)	14.111	2953889	20.000 ug/ml
14) T n-Tetracosane (C24)	15.213	2975806	20.000 ug/ml
15) T n-Hexacosane (C26)	16.232	2918151	20.000 ug/ml
16) T n-Octacosane (C28)	17.181	2885481	20.000 ug/ml
17) T n-Tricontane (C30)	18.067	2944379	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.899	2817708	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2407094	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.420	1994729	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.152	1835780	20.000 ug/ml
22) T n-Tetracontane (C40)	22.061	1717073	20.000 ug/ml

(f)=RT Delta > 1/2 Window

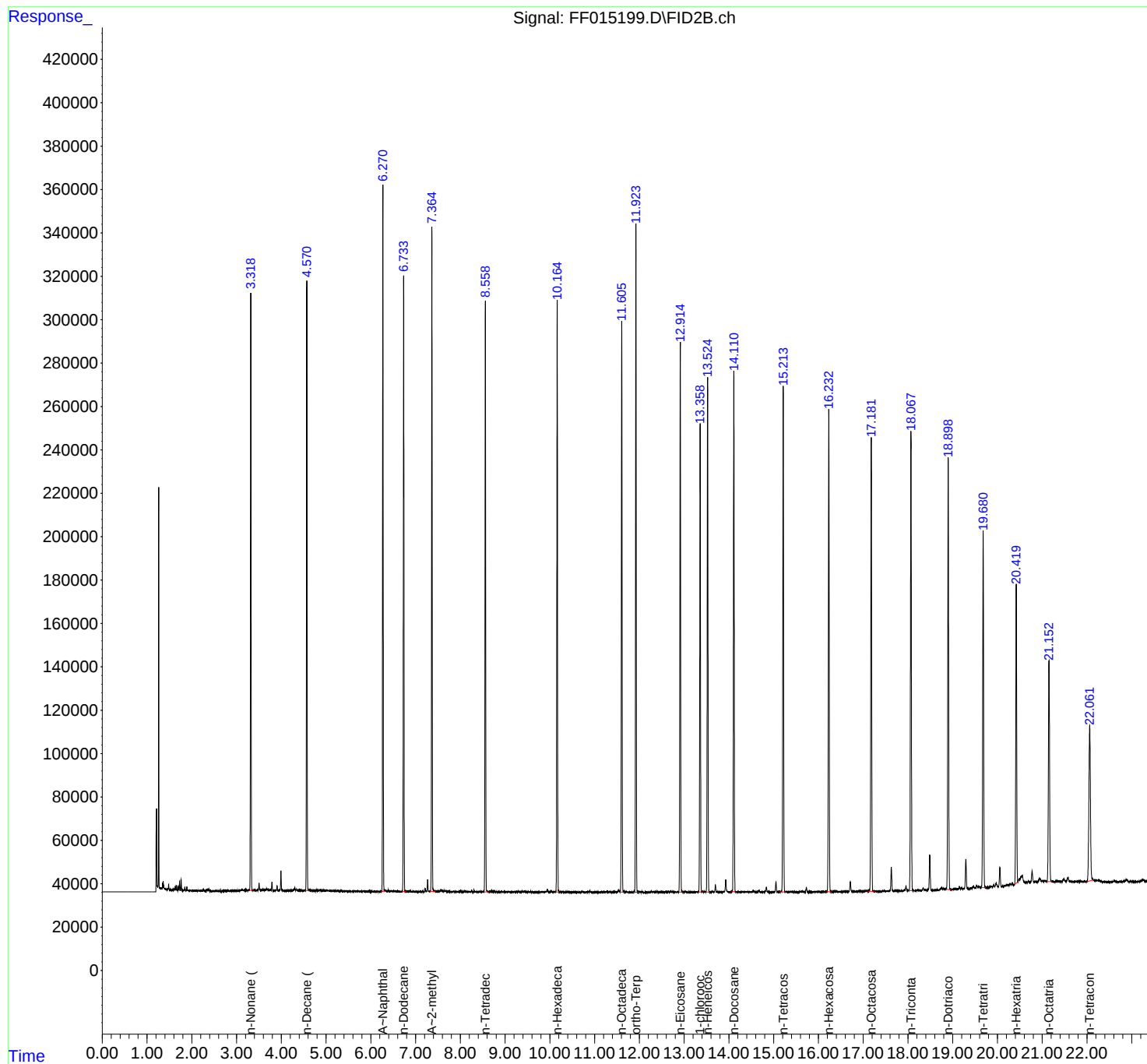
(m)=manual int.

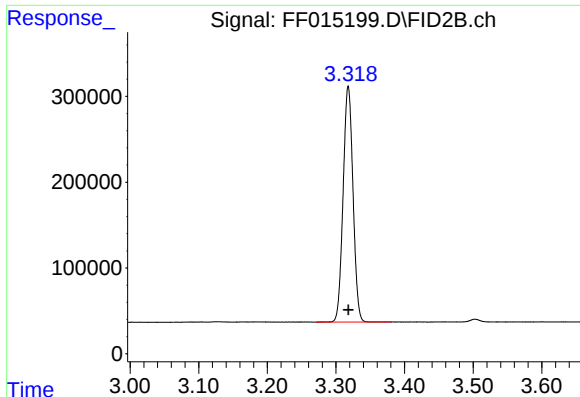
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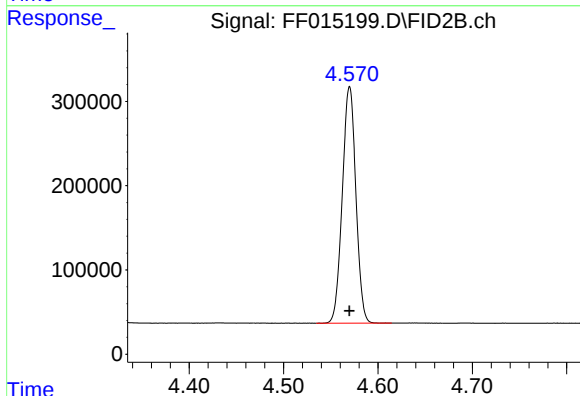




#1 n-Nonane (C9)

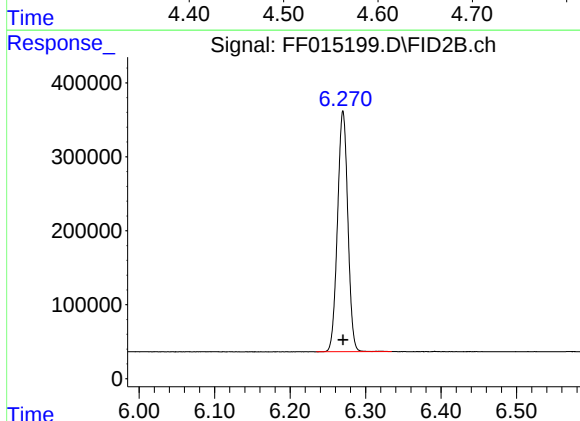
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 2745203
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



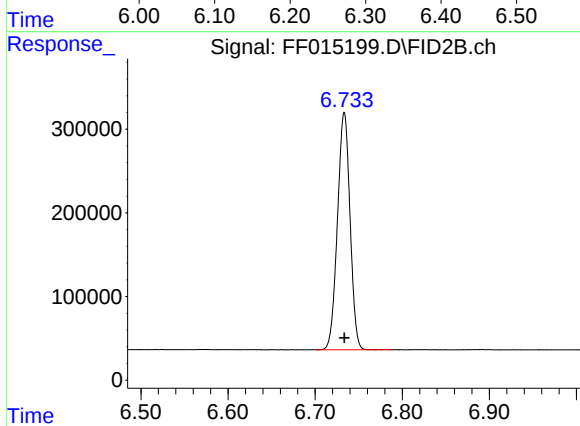
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 2805475
Conc: 20.00 ug/ml



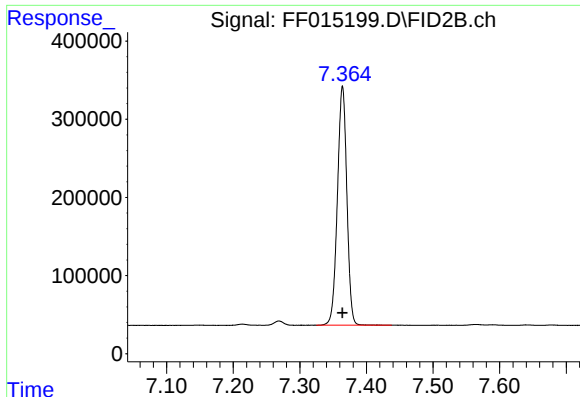
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 3096688
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

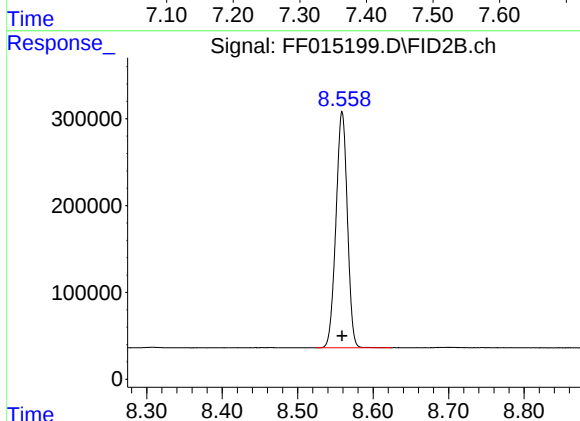
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2844695
Conc: 20.00 ug/ml



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

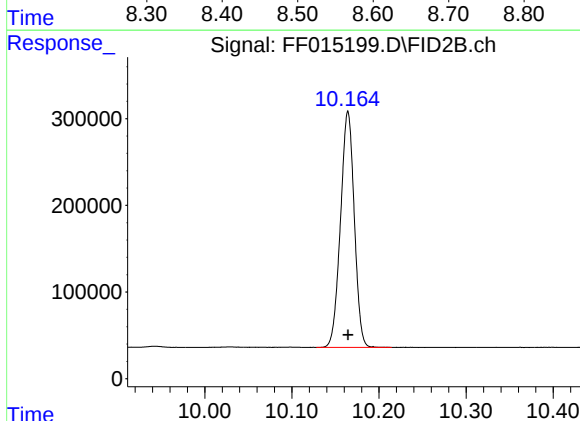
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 3013470
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



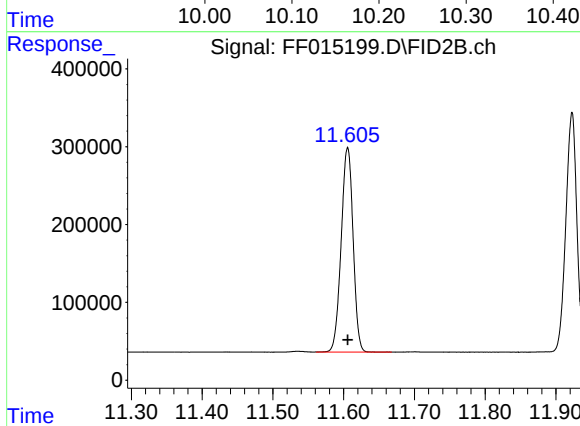
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2856890
Conc: 20.00 ug/ml



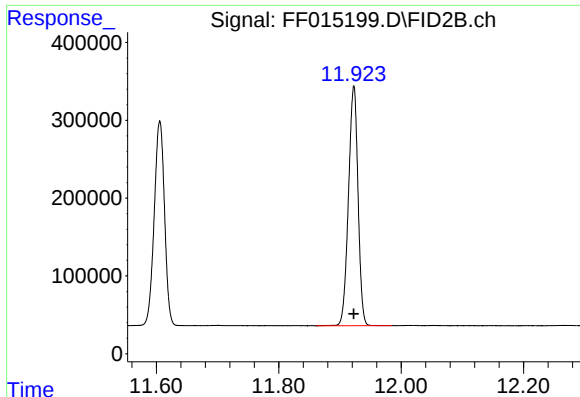
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 2992576
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

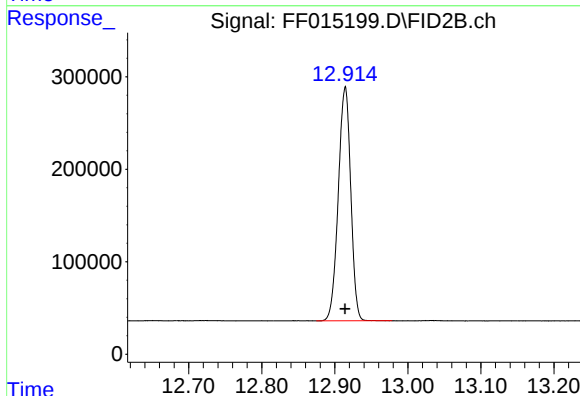
R.T.: 11.606 min
Delta R.T.: 0.000 min
Response: 3071764
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

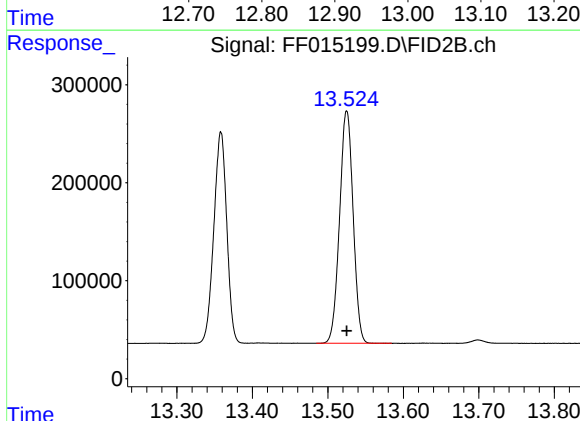
R.T.: 11.923 min
Delta R.T.: 0.000 min
Response: 3329472
Conc: 20.00 ug/ml

Instrument :
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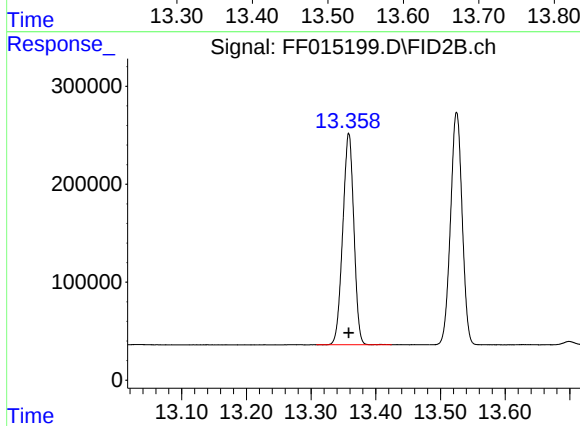
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 2994395
Conc: 20.00 ug/ml



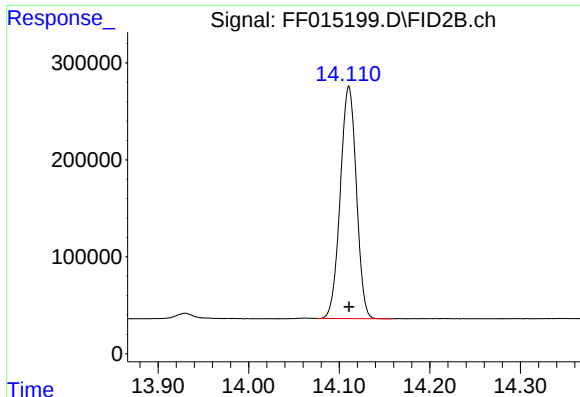
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.000 min
Response: 2959314
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

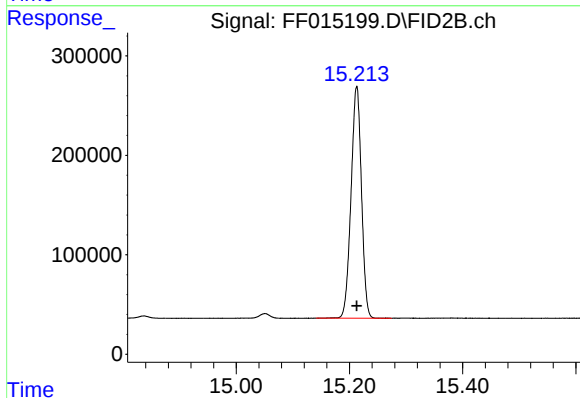
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 2572942
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

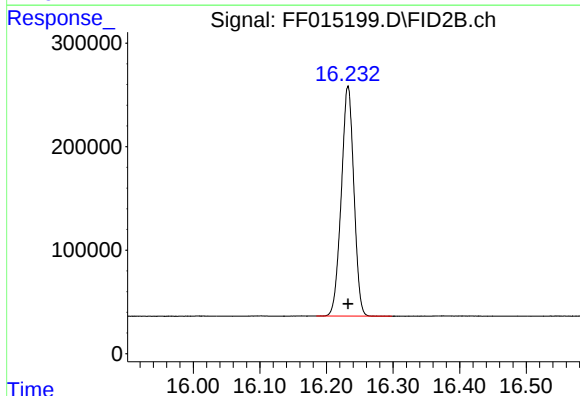
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2953889
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



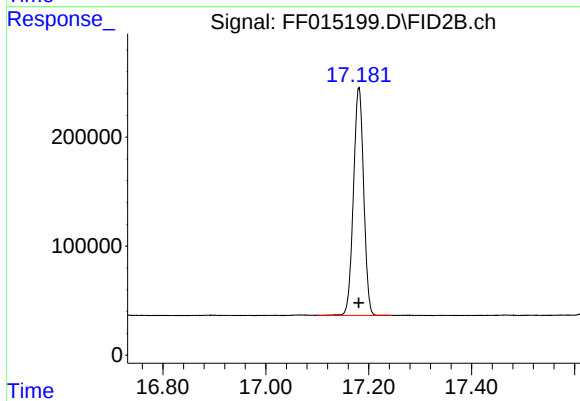
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: 0.000 min
Response: 2975806
Conc: 20.00 ug/ml



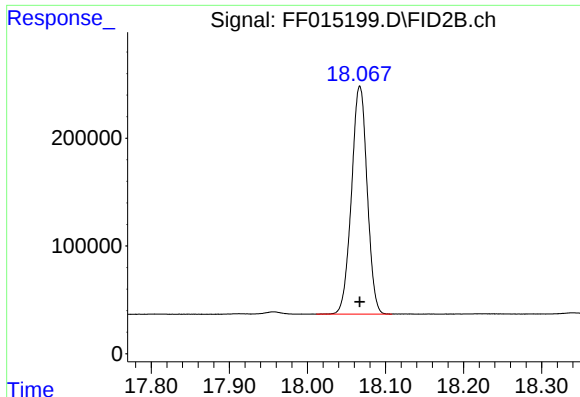
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 2918151
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

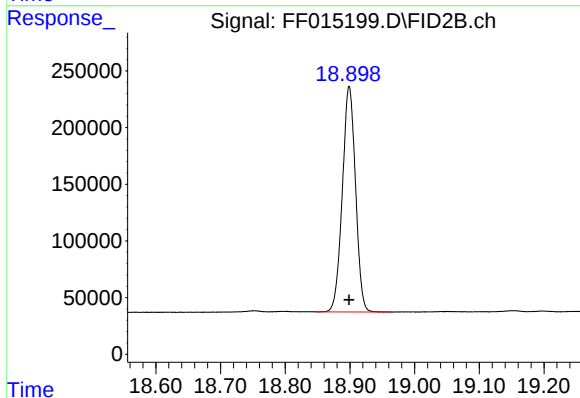
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2885481
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

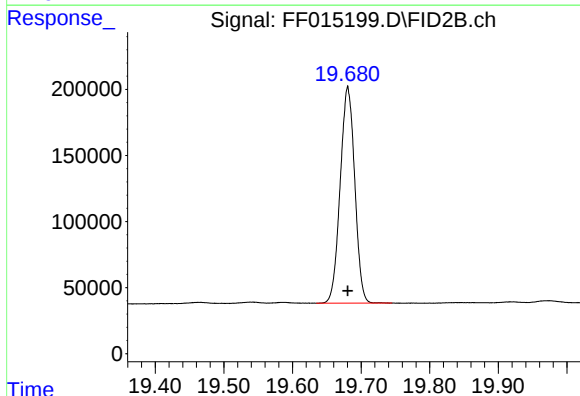
R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 2944379
Conc: 20.00 ug/ml

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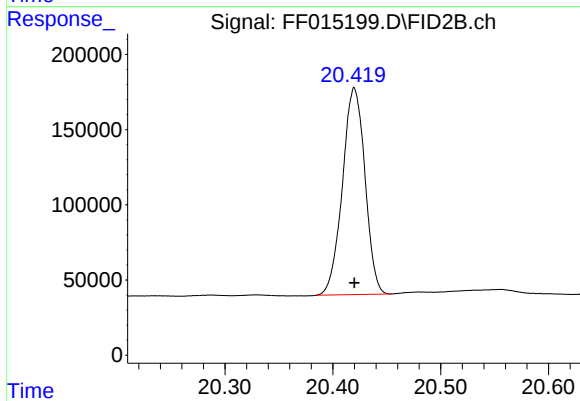
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.000 min
Response: 2817708
Conc: 20.00 ug/ml



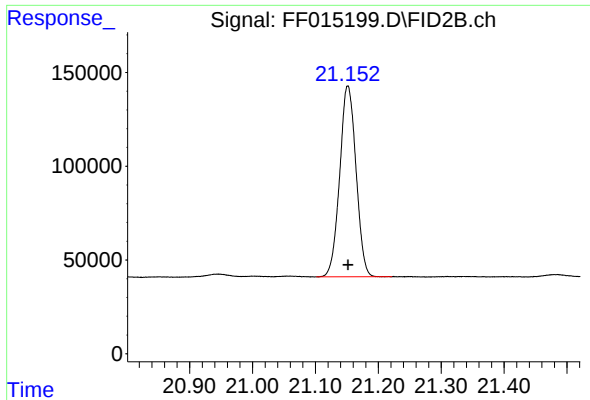
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.000 min
Response: 2407094
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

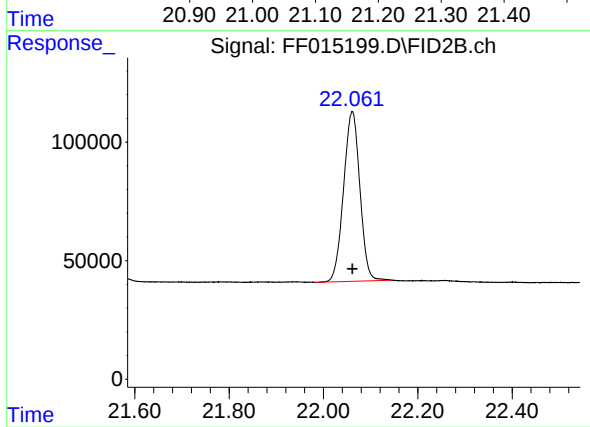
R.T.: 20.420 min
Delta R.T.: 0.000 min
Response: 1994729
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.000 min
Response: 1835780
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: 0.000 min
Response: 1717073
Conc: 20.00 ug/ml