

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111422AL\
 Data File : FC062183.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2022 18:22
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2022
 Supervised By :Ankita Jodhani 11/15/2022

Integration File: autoint1.e
 Quant Time: Nov 15 01:20:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 15 01:12:10 2022
 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)	11.589	741324	5.431 ug/ml
Spiked Amount 50.000		Recovery =	10.86%
12) S 1-chlorooctadecane (S...	13.024	544182	5.353 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
Target Compounds			
1) T n-Nonane (C9)	3.353	759037	5.454 ug/ml
2) T n-Decane (C10)	4.418	735078	5.433 ug/ml
3) T A~Naphthalene (C11.7)	6.004	789547	5.408 ug/mlm
4) T n-Dodecane (C12)	6.437	724808	5.426 ug/ml
5) T A~2-methylnaphthalene...	7.062	705720	5.263 ug/ml
6) T n-Tetradecane (C14)	8.232	707131	5.417 ug/ml
7) T n-Hexadecane (C16)	9.833	702737	5.420 ug/ml
8) T n-Octadecane (C18)	11.273	692083	5.420 ug/ml
10) T n-Eicosane (C20)	12.581	659088	5.422 ug/ml
11) T n-Heneicosane (C21)	13.191	653120	5.419 ug/ml
13) T n-Docosane (C22)	13.775	637566	5.408 ug/ml
14) T n-Tetracosane (C24)	14.875	622865	5.413 ug/ml
15) T n-Hexacosane (C26)	15.893	601882	5.402 ug/ml
16) T n-Octacosane (C28)	16.841	593395	5.412 ug/ml
17) T n-Tricontane (C30)	17.727	606213	5.536 ug/ml
18) T n-Dotriacontane (C32)	18.556	614789	5.566 ug/ml
19) T n-Tetratriacontane (C34)	19.338	607929	5.560 ug/ml
20) T n-Hexatriacontane (C36)	20.075	582368	5.557 ug/ml
21) T n-Octatriacontane (C38)	20.811	569386	5.488 ug/mlm
22) T n-Tetracontane (C40)	21.727	576483	5.629 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC062183.D
Signal(s) : FID1A.ch
Acq On : 14 Nov 2022 18:22
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

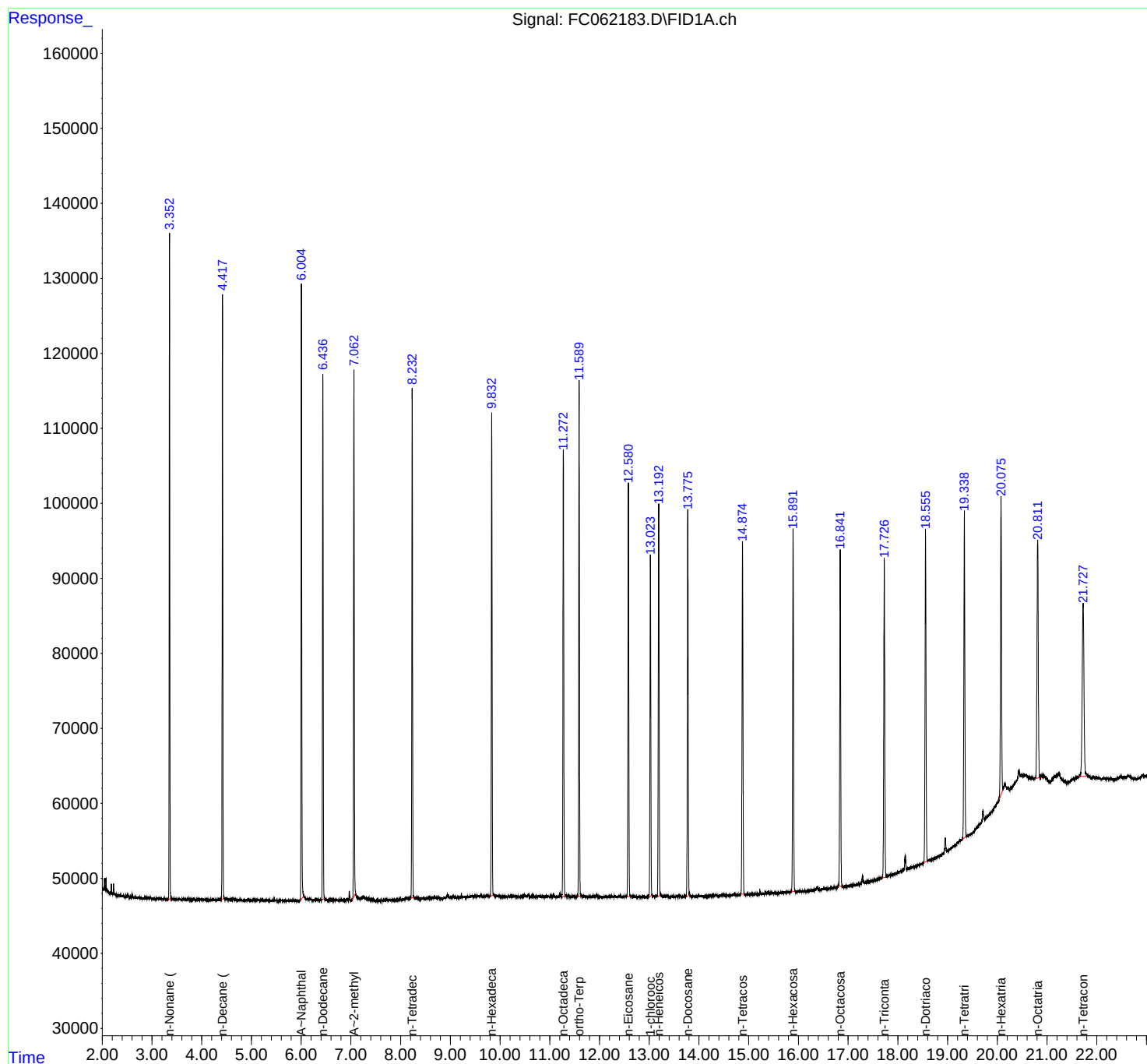
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

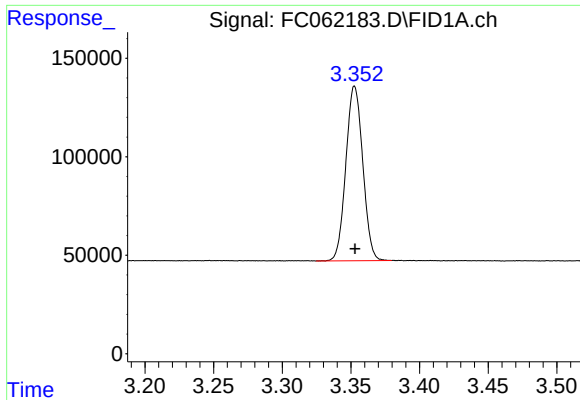
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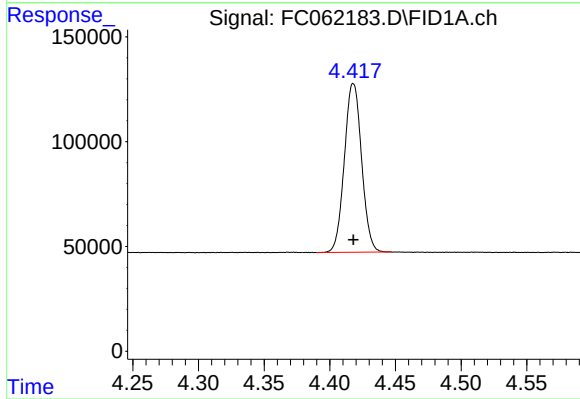
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 759037
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

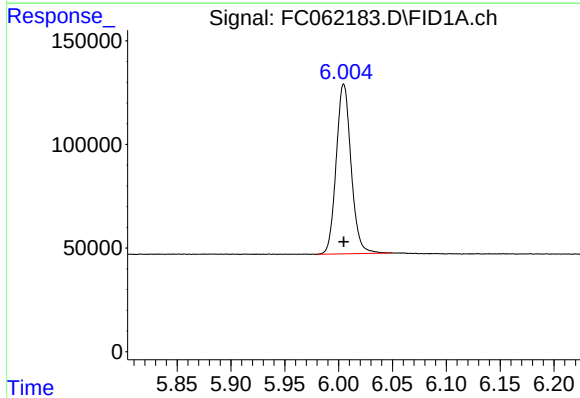
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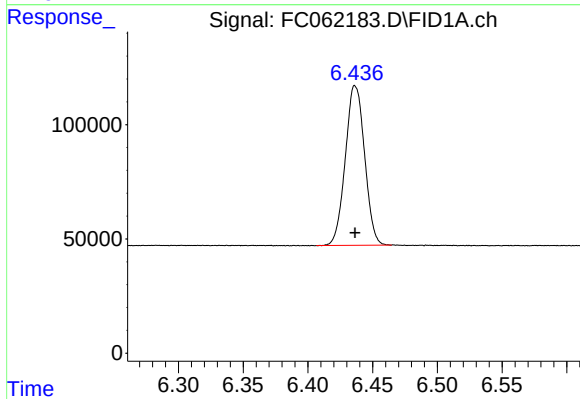
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 735078
Conc: 5.43 ug/ml



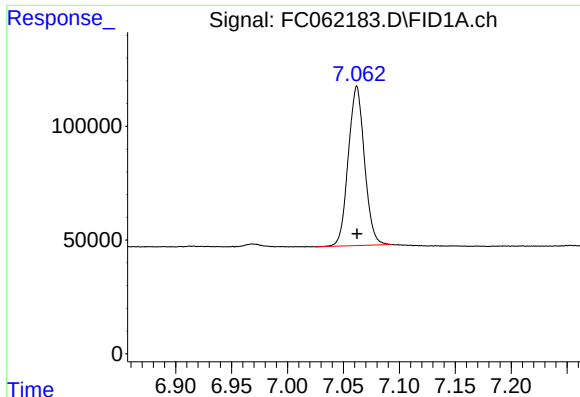
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 789547
Conc: 5.41 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 724808
Conc: 5.43 ug/ml



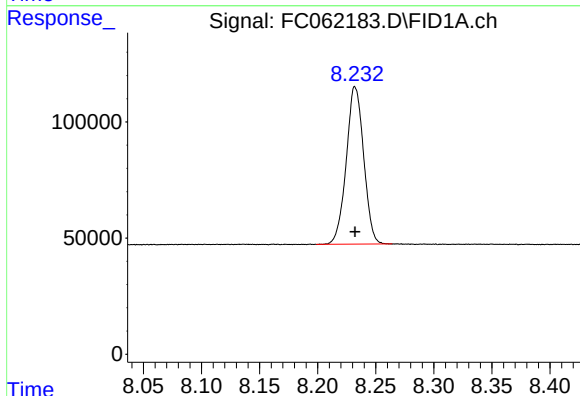
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 705720
Conc: 5.26 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

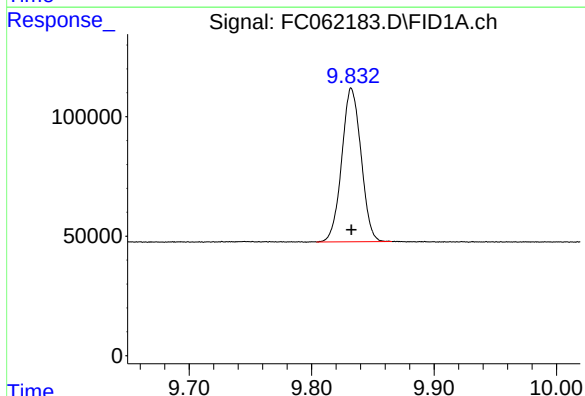
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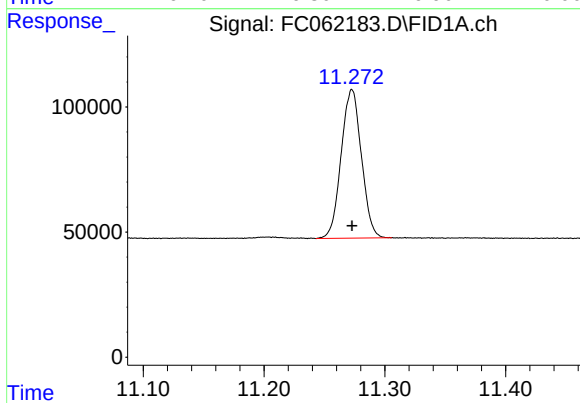
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 707131
Conc: 5.42 ug/ml



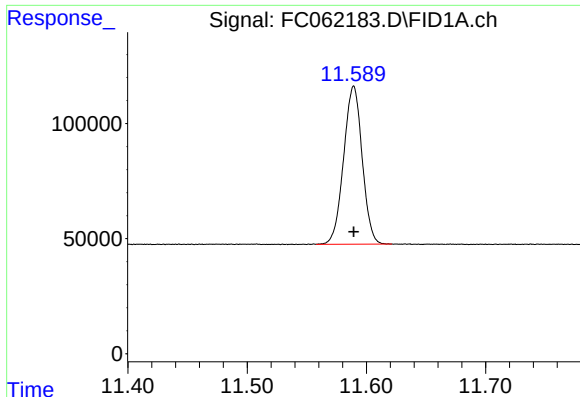
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: 0.000 min
Response: 702737
Conc: 5.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: 0.000 min
Response: 692083
Conc: 5.42 ug/ml



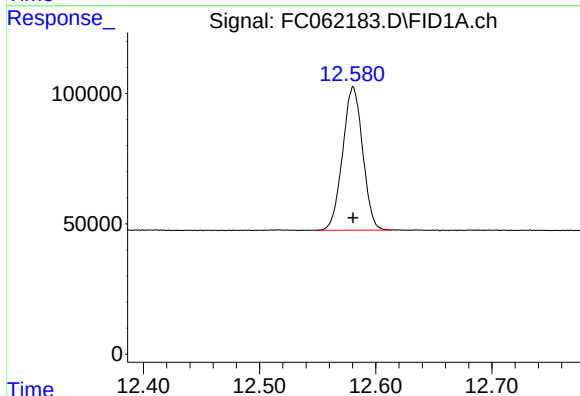
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 741324
Conc: 5.43 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

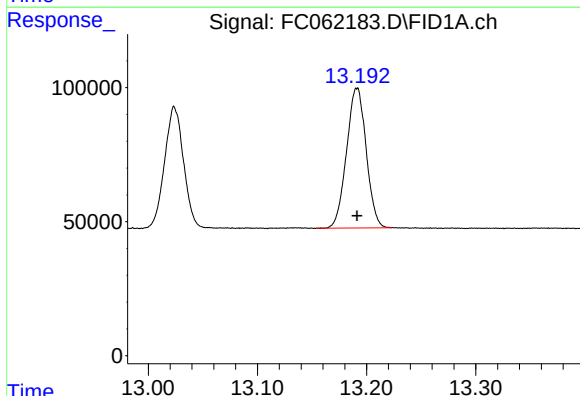
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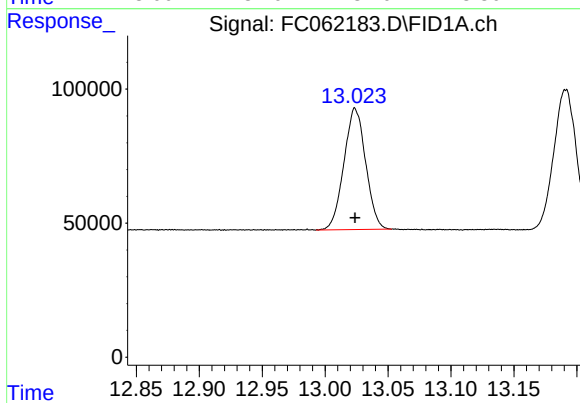
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 659088
Conc: 5.42 ug/ml



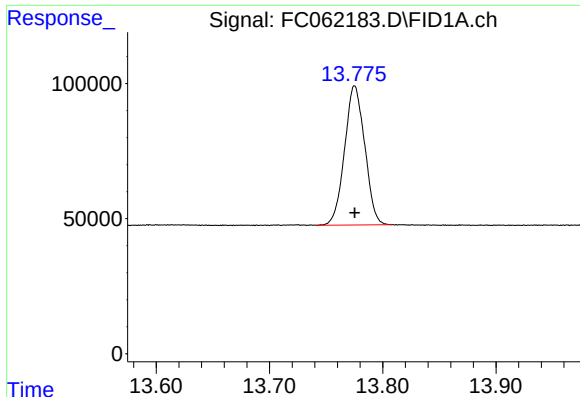
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 653120
Conc: 5.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 544182
Conc: 5.35 ug/ml



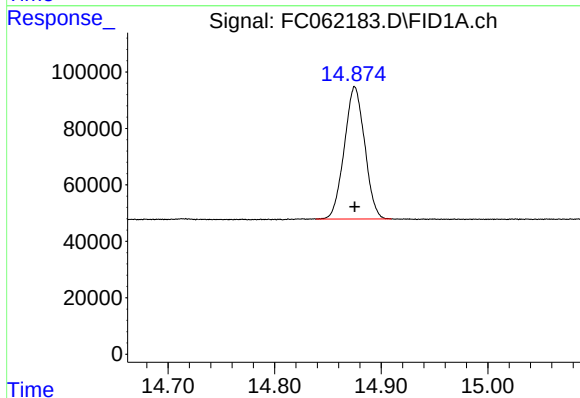
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: 0.000 min
Response: 637566
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

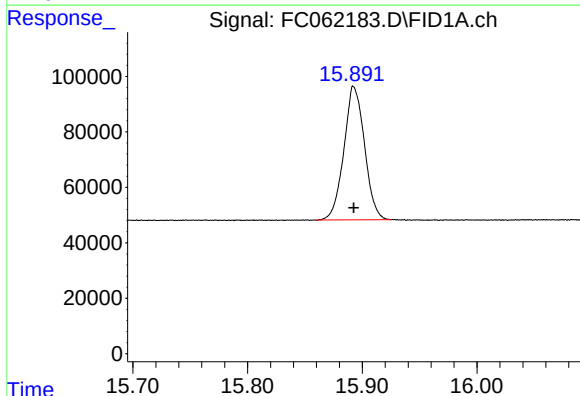
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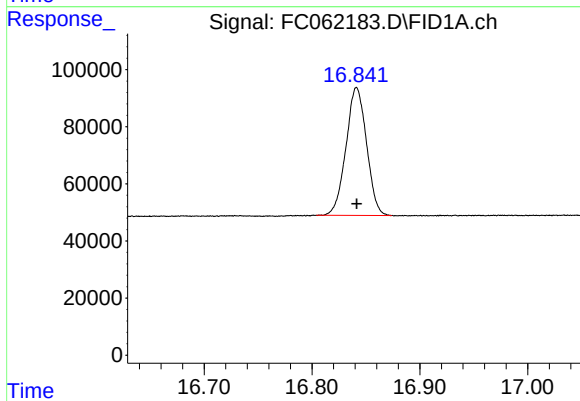
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: 0.000 min
Response: 622865
Conc: 5.41 ug/ml



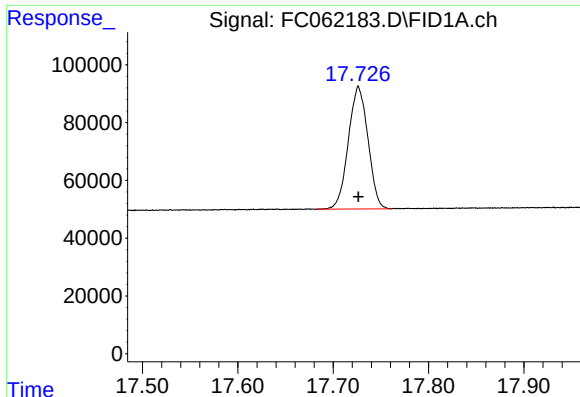
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.000 min
Response: 601882
Conc: 5.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.000 min
Response: 593395
Conc: 5.41 ug/ml



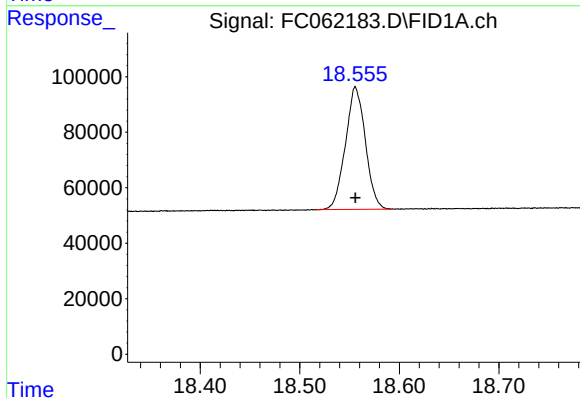
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 606213
Conc: 5.54 ug/ml

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5 PPM ALIPHATIC HC STD5

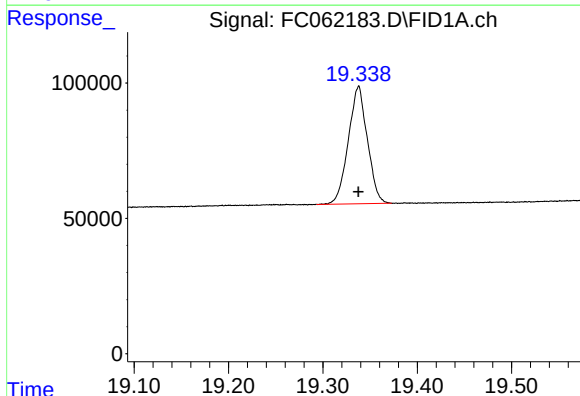
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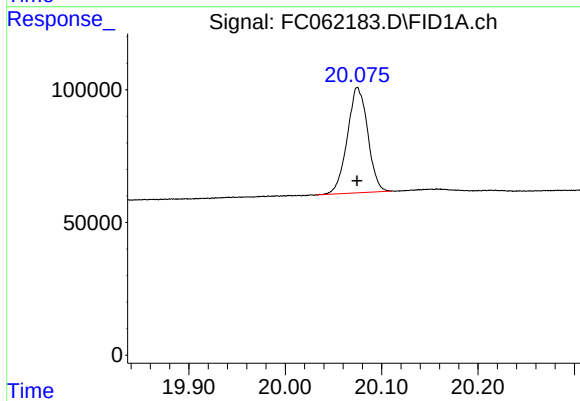
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 614789
Conc: 5.57 ug/ml



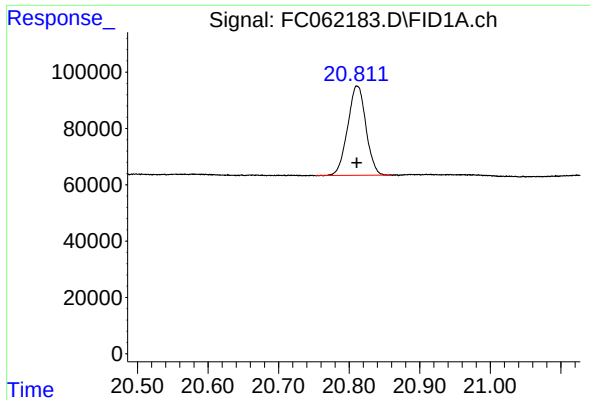
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.000 min
Response: 607929
Conc: 5.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.000 min
Response: 582368
Conc: 5.56 ug/ml



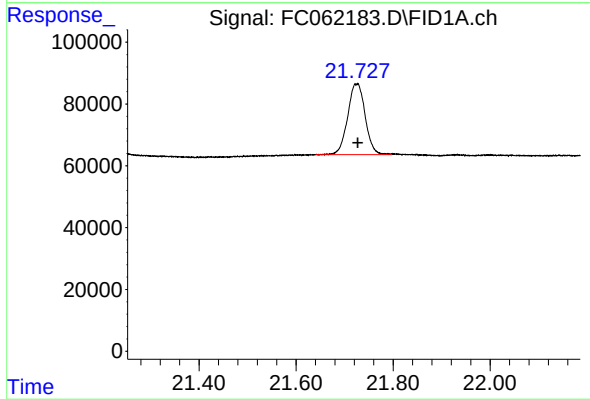
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.000 min
Response: 569386
Conc: 5.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.000 min
Response: 576483
Conc: 5.63 ug/ml m