

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050924AL\
 Data File : FC066360.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2024 18:41
 Operator : YP/AJ
 Sample : P2403-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 06:05:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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			
12) S 1-chlorooctadecane (S...	13.004	5760675	46.965 ug/ml
Spiked Amount 50.000		Recovery =	93.93%
Target Compounds			
1) T n-Nonane (C9)	3.322	224017	1.483 ug/ml
2) T n-Decane (C10)	4.389	276707	1.799 ug/ml
4) T n-Dodecane (C12)	6.407	433223	2.819 ug/ml
6) T n-Tetradecane (C14)	8.203	368939	2.438 ug/ml
7) T n-Hexadecane (C16)	9.804	354636	2.319 ug/ml
8) T n-Octadecane (C18)	11.246	370848	2.443 ug/ml
10) T n-Eicosane (C20)	12.556	374903	2.606 ug/ml
11) T n-Heneicosane (C21)	13.168	350404	2.493 ug/ml
13) T n-Docosane (C22)	13.754	383202	2.737 ug/ml
14) T n-Tetracosane (C24)	14.857	417361	2.965 ug/ml
15) T n-Hexacosane (C26)	15.878	368494	2.694 ug/ml
16) T n-Octacosane (C28)	16.828	366921	2.740 ug/ml
17) T n-Tricontane (C30)	17.717	349978	2.597 ug/ml
18) T n-Dotriacontane (C32)	18.550	347644	2.700 ug/ml
19) T n-Tetratriacontane (C34)	19.333	323587	2.735 ug/ml
20) T n-Hexatriacontane (C36)	20.073	354280	3.082 ug/mlm
21) T n-Octatriacontane (C38)	20.809	282383	2.624 ug/ml
22) T n-Tetracontane (C40)	21.719	262613	2.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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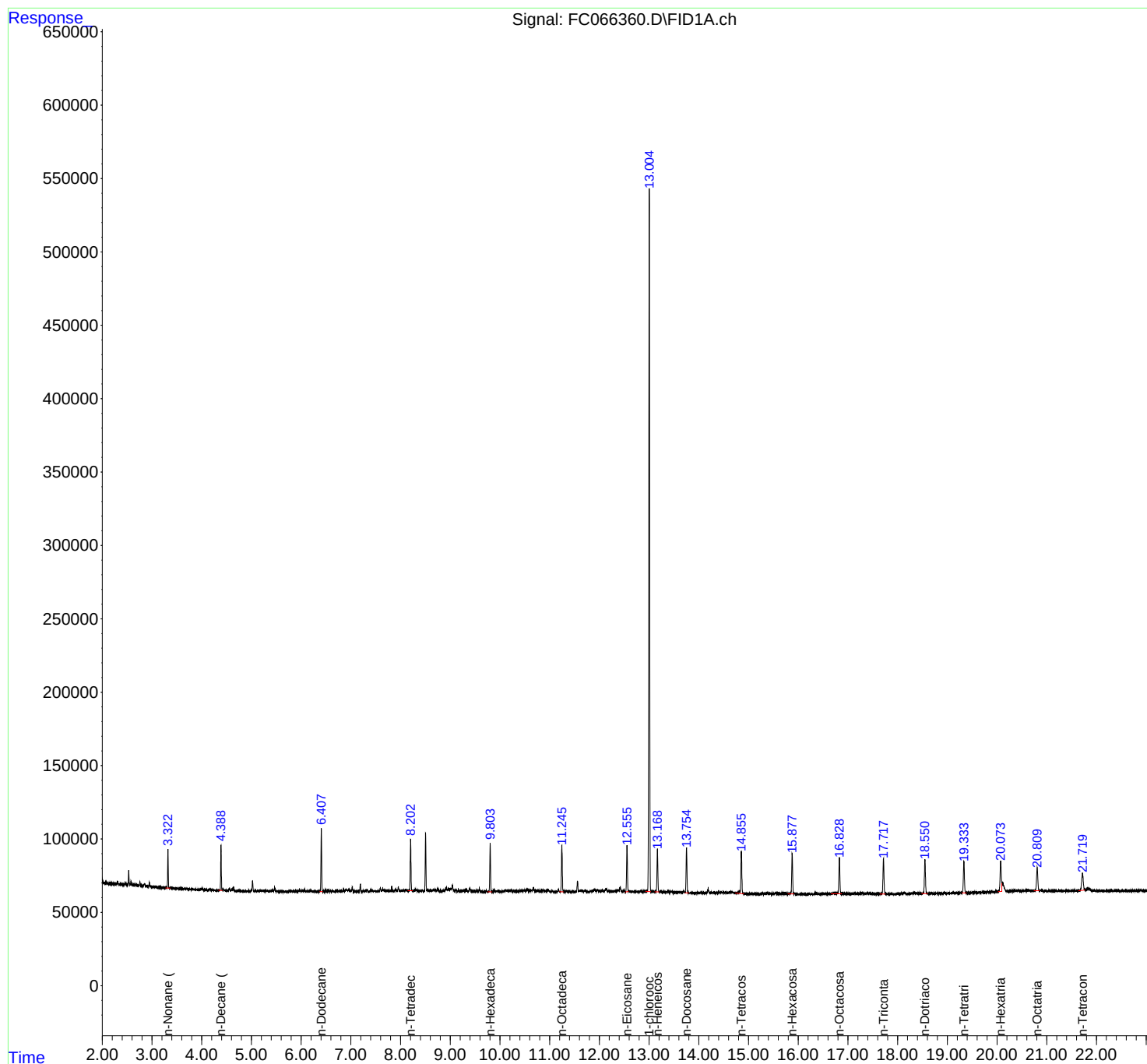
Instrument :
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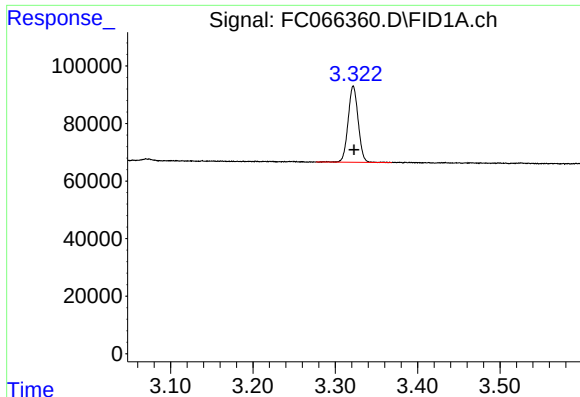
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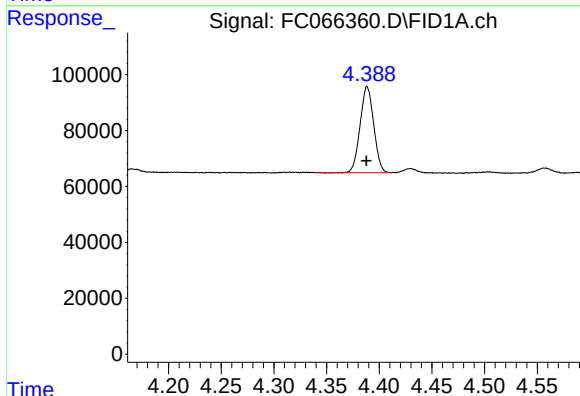
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 224017
Conc: 1.48 ug/ml

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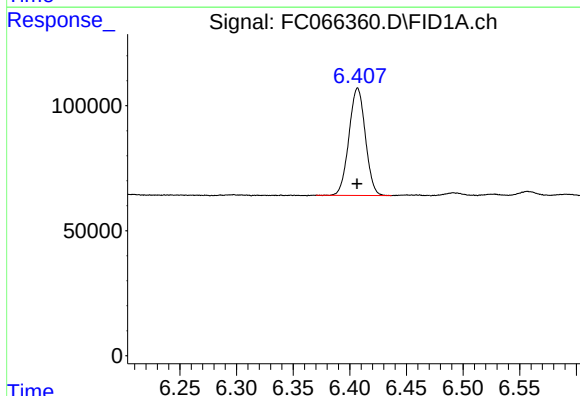
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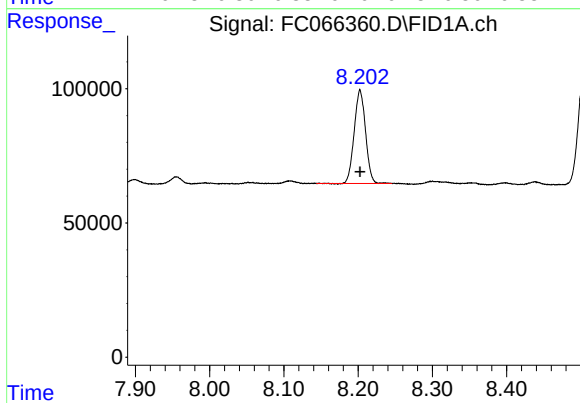
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 276707
Conc: 1.80 ug/ml



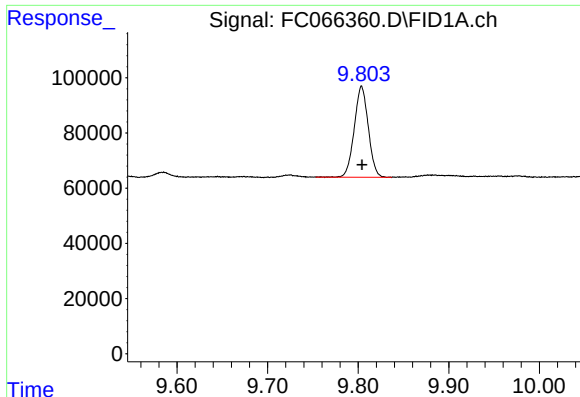
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 433223
Conc: 2.82 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 368939
Conc: 2.44 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 354636
Conc: 2.32 ug/ml

Instrument :

FID_C

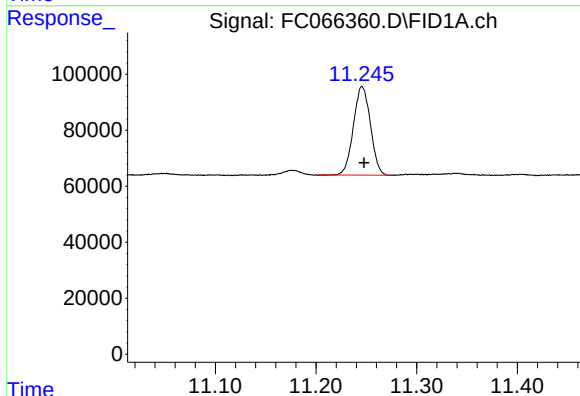
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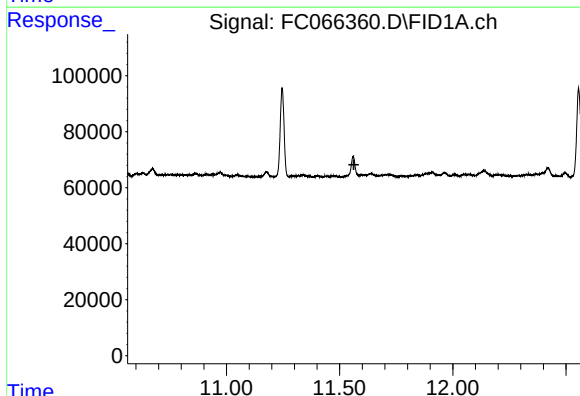
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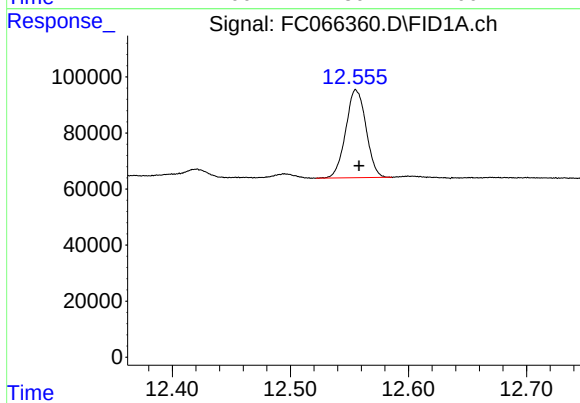
#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: -0.002 min
Response: 370848
Conc: 2.44 ug/ml



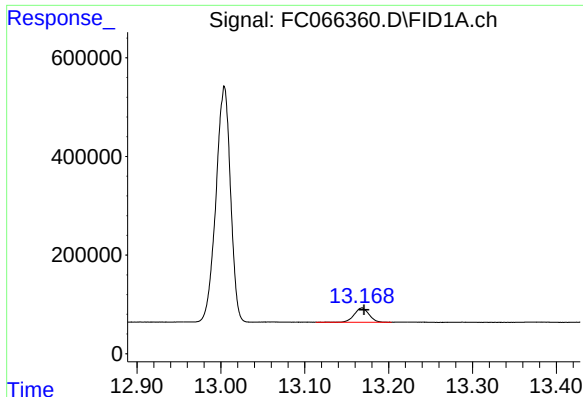
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 374903
Conc: 2.61 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.002 min
Response: 350404
Conc: 2.49 ug/ml

Instrument :

FID_C

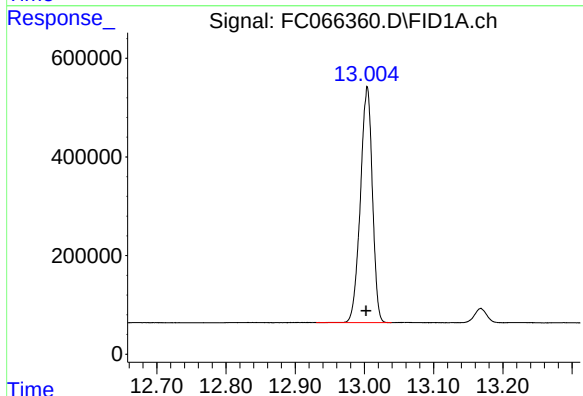
ClientSampleId :

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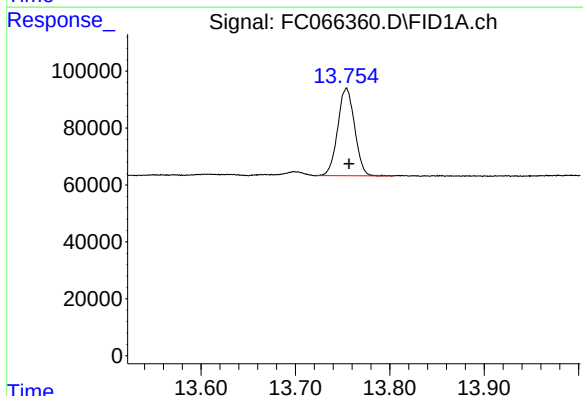
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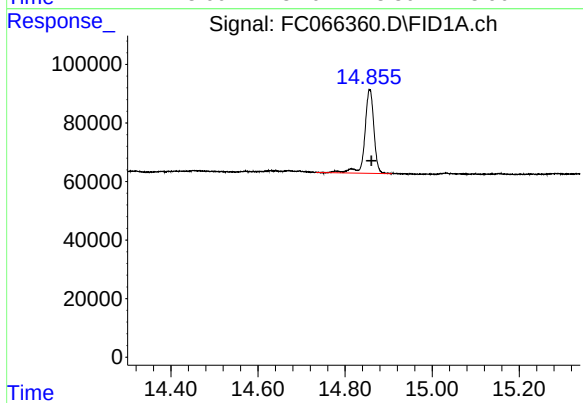
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: 0.002 min
Response: 5760675
Conc: 46.96 ug/ml



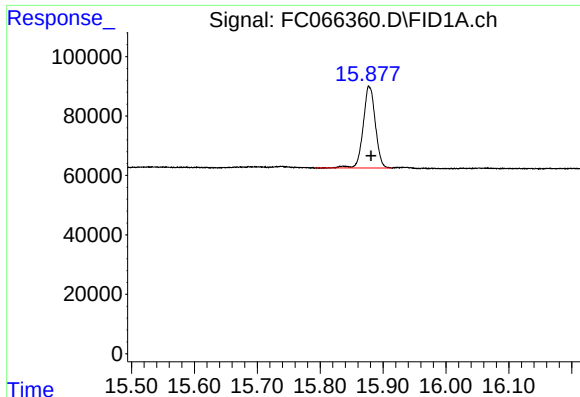
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.003 min
Response: 383202
Conc: 2.74 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.004 min
Response: 417361
Conc: 2.96 ug/ml



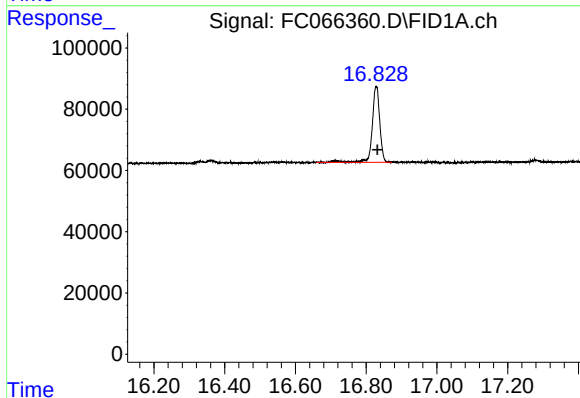
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 368494
Conc: 2.69 ug/ml

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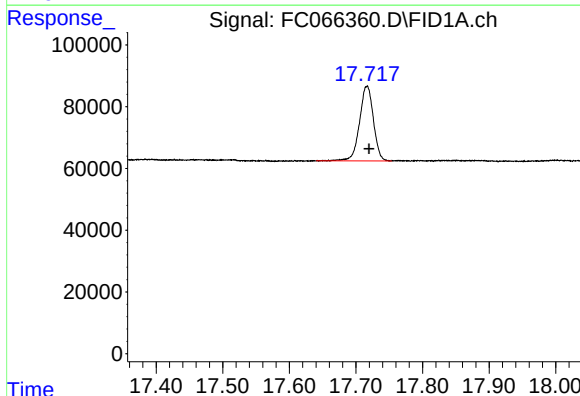
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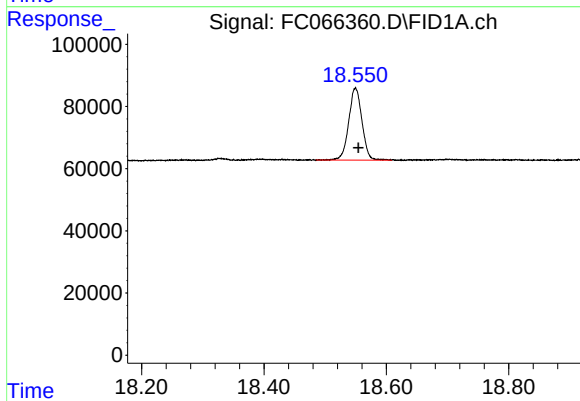
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.003 min
Response: 366921
Conc: 2.74 ug/ml



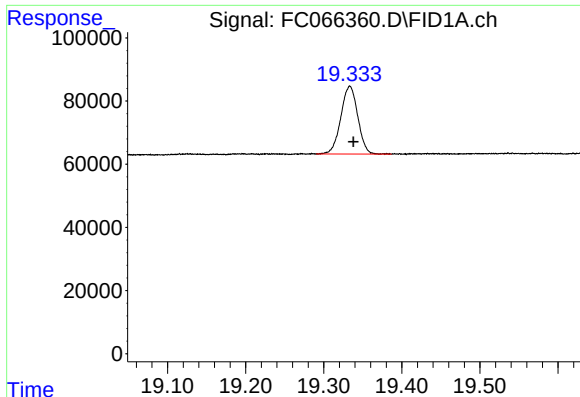
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: -0.003 min
Response: 349978
Conc: 2.60 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.005 min
Response: 347644
Conc: 2.70 ug/ml



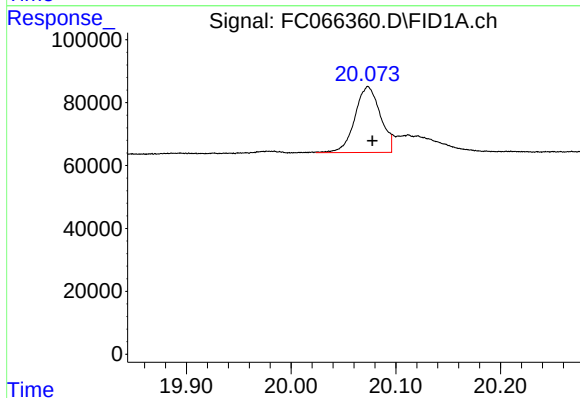
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.005 min
Response: 323587
Conc: 2.73 ug/ml

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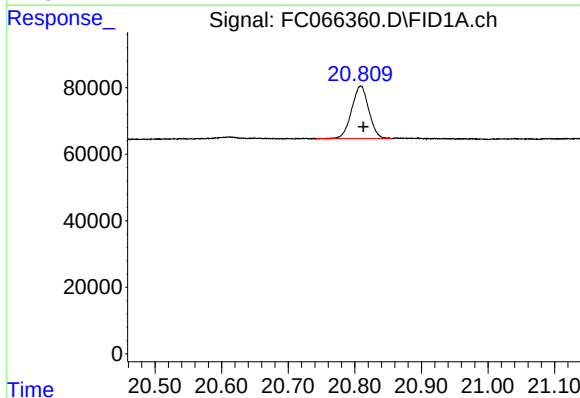
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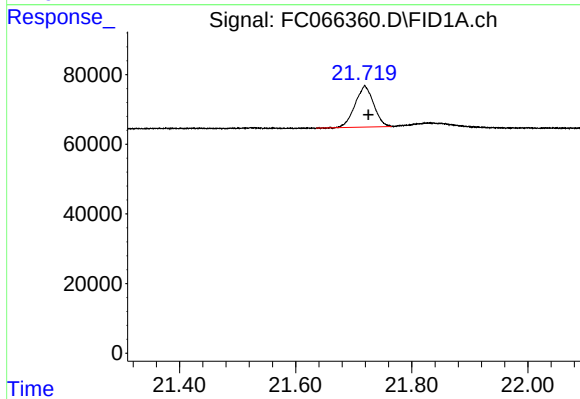
#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: -0.005 min
Response: 354280
Conc: 3.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.004 min
Response: 282383
Conc: 2.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.006 min
Response: 262613
Conc: 2.45 ug/ml