

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066534.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 13:09
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #3
 Misc : E3757
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 04:42:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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...	12.995	4729885	41.392 ug/ml
Spiked Amount 50.000		Recovery =	82.78%
Target Compounds			
1) T n-Nonane (C9)	3.311	3491171	24.945 ug/ml
2) T n-Decane (C10)	4.379	4390466	30.514 ug/ml
4) T n-Dodecane (C12)	6.400	4826542	33.519 ug/ml
6) T n-Tetradecane (C14)	8.198	5492540	38.906 ug/ml
7) T n-Hexadecane (C16)	9.800	6232404	43.366 ug/ml
8) T n-Octadecane (C18)	11.243	6878603	48.066 ug/ml
10) T n-Eicosane (C20)	12.553	7124279	52.360 ug/ml
11) T n-Heneicosane (C21)	13.165	6895381	51.727 ug/ml
13) T n-Docosane (C22)	13.751	6858240	52.036 ug/ml
14) T n-Tetracosane (C24)	14.854	6743159	51.800 ug/ml
15) T n-Hexacosane (C26)	15.875	6559044	51.573 ug/ml
16) T n-Octacosane (C28)	16.825	6368766	51.299 ug/ml
17) T n-Tricontane (C30)	17.712	6317190	50.126 ug/ml
18) T n-Dotriacontane (C32)	18.545	6238866	50.690 ug/ml
19) T n-Tetratriacontane (C34)	19.328	6161478	51.378 ug/mlm
20) T n-Hexatriacontane (C36)	20.068	6176581	50.980 ug/ml
21) T n-Octatriacontane (C38)	20.803	5979602	51.690 ug/ml
22) T n-Tetracontane (C40)	21.715	5711551	46.627 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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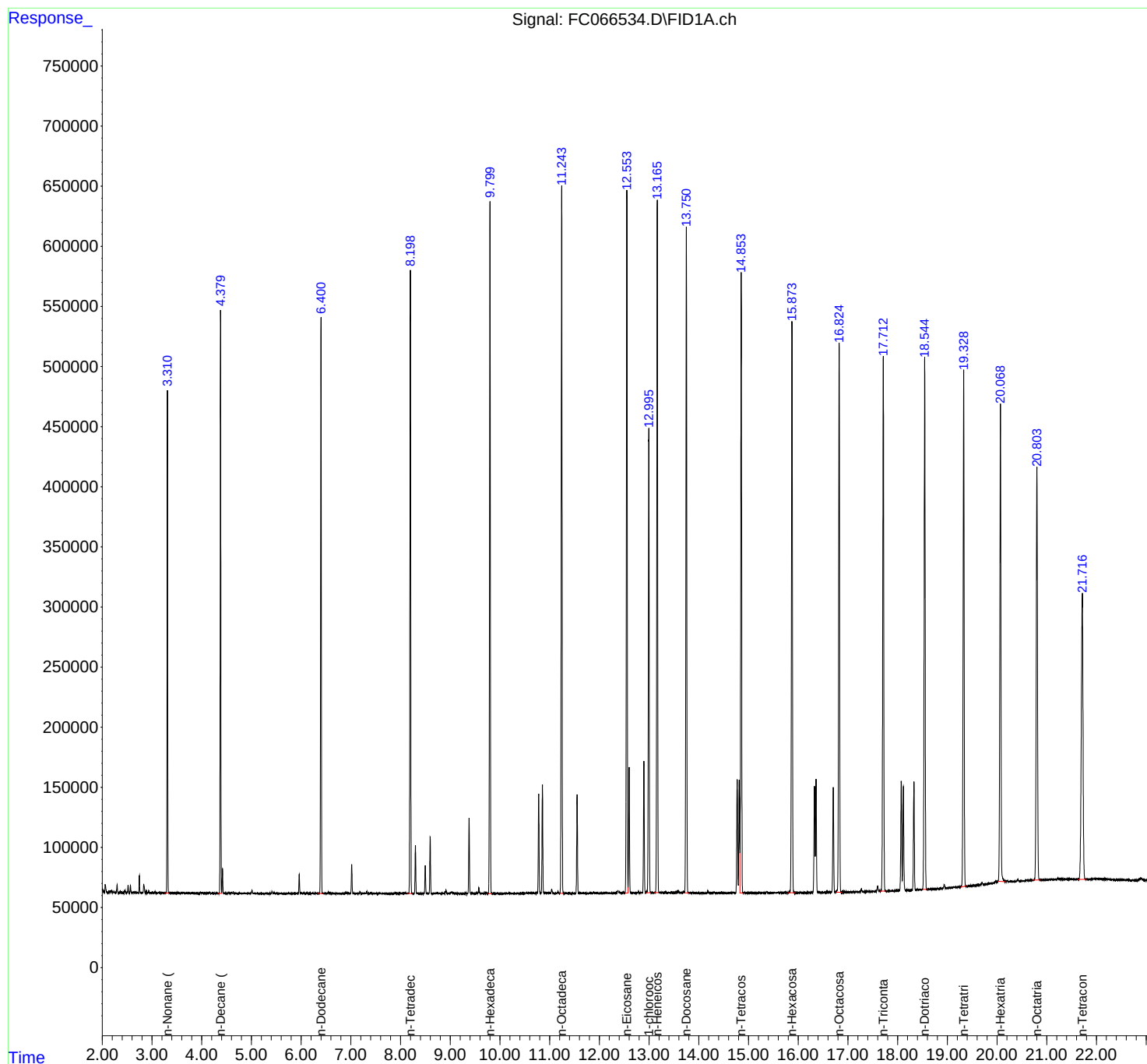
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EPH CARTRIDGES #3

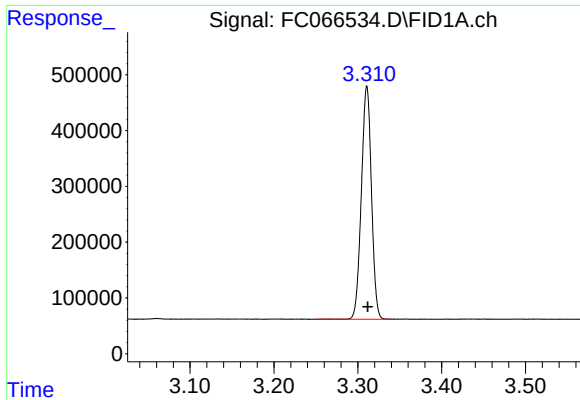
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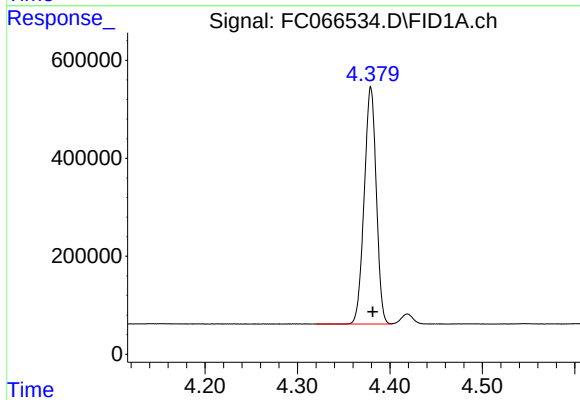
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.001 min
Response: 3491171
Conc: 24.94 ug/ml

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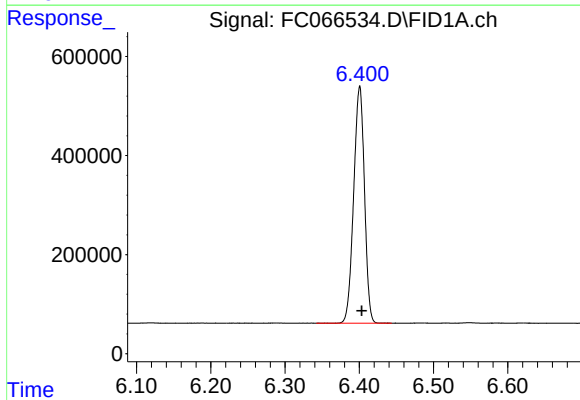
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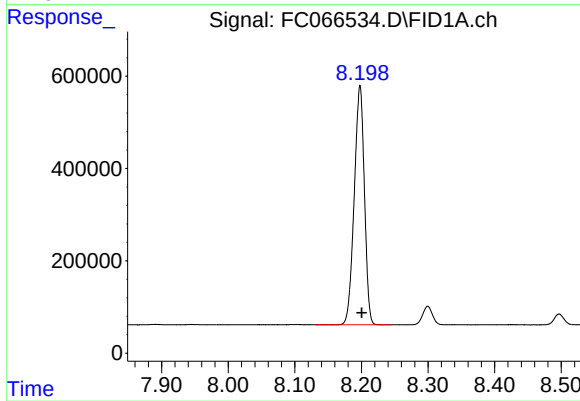
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 4390466
Conc: 30.51 ug/ml



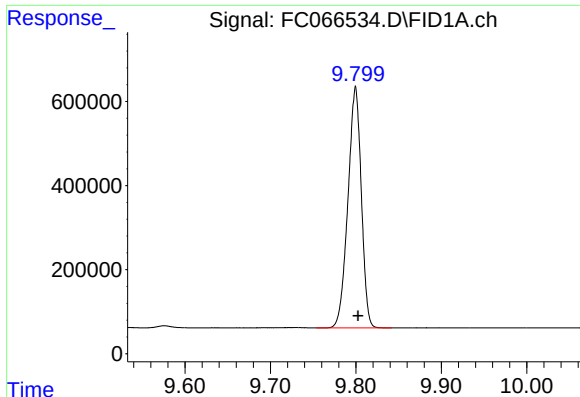
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 4826542
Conc: 33.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.003 min
Response: 5492540
Conc: 38.91 ug/ml



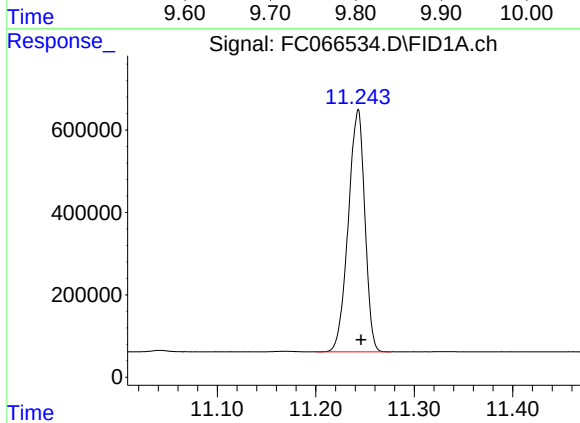
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.003 min
Response: 6232404
Conc: 43.37 ug/ml

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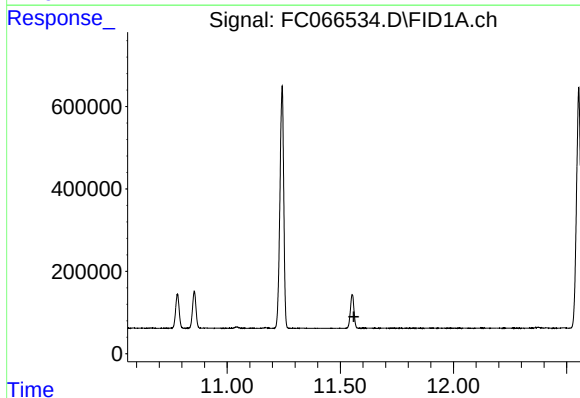
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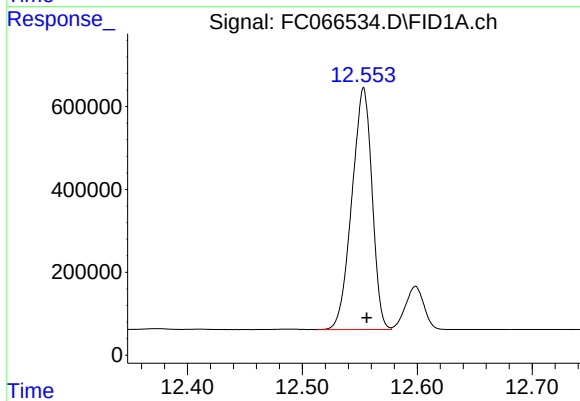
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 6878603
Conc: 48.07 ug/ml



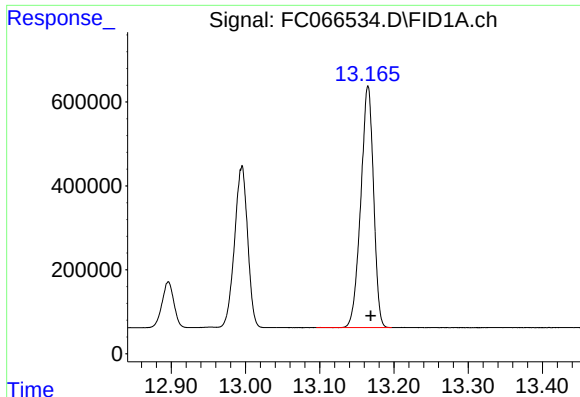
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.560 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.003 min
Response: 7124279
Conc: 52.36 ug/ml



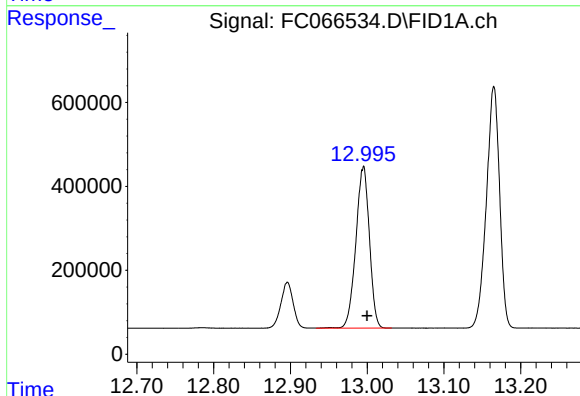
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.004 min
Response: 6895381
Conc: 51.73 ug/ml

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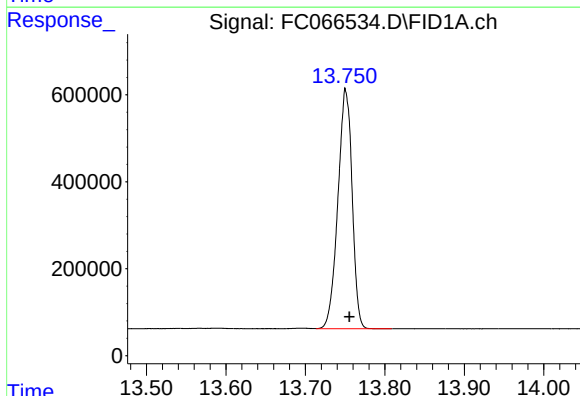
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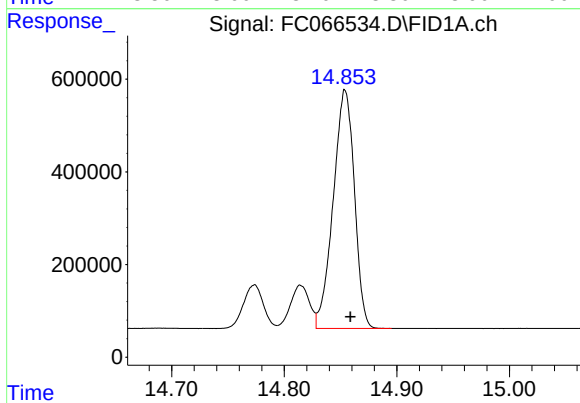
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.005 min
Response: 4729885
Conc: 41.39 ug/ml



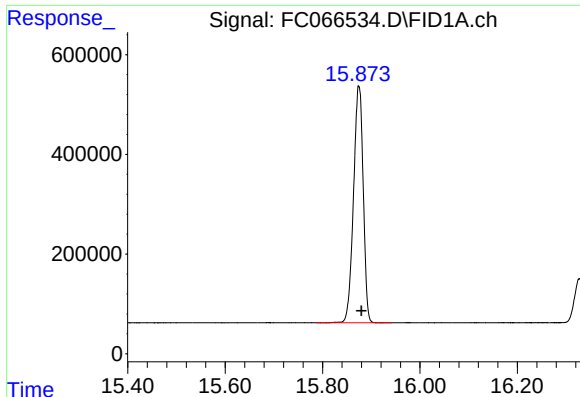
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.005 min
Response: 6858240
Conc: 52.04 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.005 min
Response: 6743159
Conc: 51.80 ug/ml



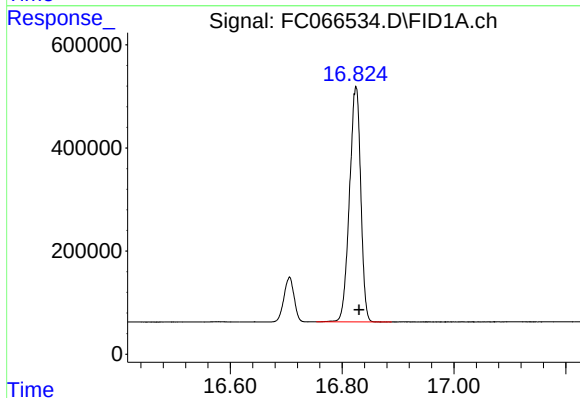
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 6559044
Conc: 51.57 ug/ml

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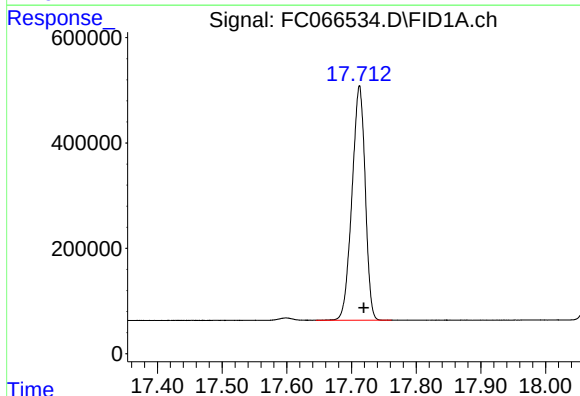
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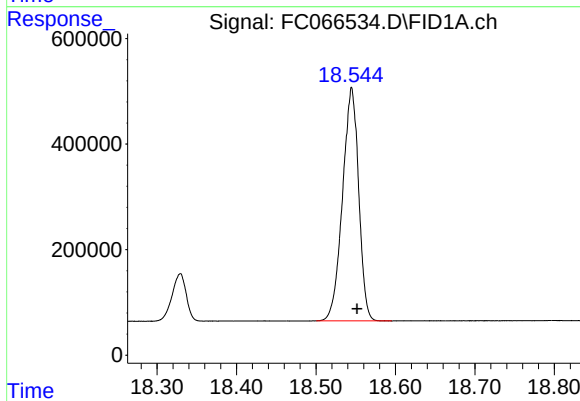
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.005 min
Response: 6368766
Conc: 51.30 ug/ml



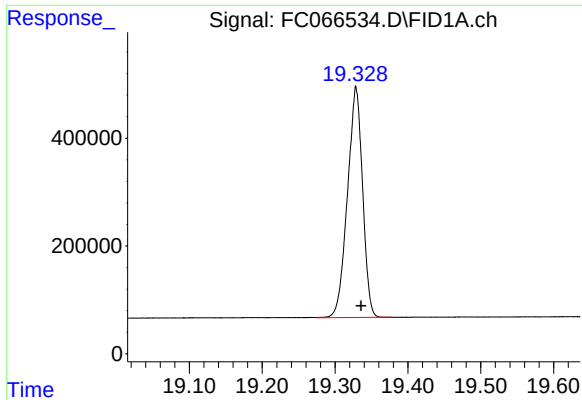
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.007 min
Response: 6317190
Conc: 50.13 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.007 min
Response: 6238866
Conc: 50.69 ug/ml



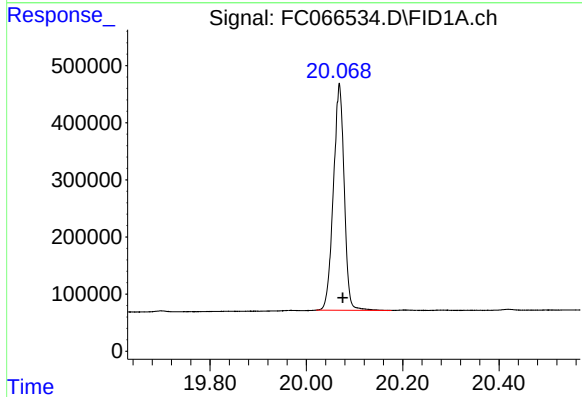
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.008 min
Response: 6161478
Conc: 51.38 ug/ml

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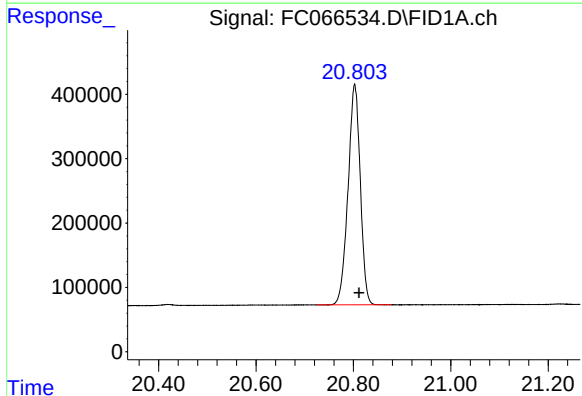
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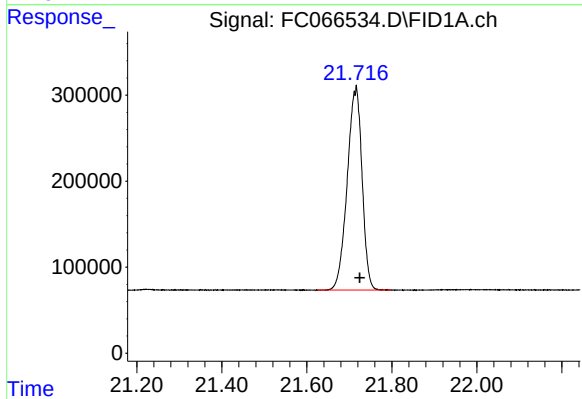
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.007 min
Response: 6176581
Conc: 50.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.009 min
Response: 5979602
Conc: 51.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: -0.009 min
Response: 5711551
Conc: 46.63 ug/ml