

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068119.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 18:30
 Operator : YP/AJ
 Sample : Q1169-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SPILL-SITEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 25 04:34:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.427	4518524	28.915 ug/ml
Spiked Amount 50.000		Recovery =	57.83%
12) S 1-chlorooctadecane (S...	12.867	3529039	30.687 ug/ml
Spiked Amount 50.000		Recovery =	61.37%
Target Compounds			
1) T n-Nonane (C9)	3.235	4019888	29.357 ug/ml
2) T n-Decane (C10)	4.293	4528289	32.617 ug/ml
3) T A~Naphthalene (C11.7)	5.860	5412872	36.056 ug/ml
4) T n-Dodecane (C12)	6.300	4916487	35.193 ug/ml
5) T A~2-methylnaphthalene...	6.912	5181244	36.073 ug/ml
6) T n-Tetradecane (C14)	8.090	5242523	38.413 ug/ml
7) T n-Hexadecane (C16)	9.684	5335630	38.400 ug/ml
8) T n-Octadecane (C18)	11.121	5328982	38.087 ug/ml
10) T n-Eicosane (C20)	12.428	5461559	40.818 ug/ml
11) T n-Heneicosane (C21)	13.037	5170150	39.365 ug/ml
13) T n-Docosane (C22)	13.622	5134565	39.639 ug/ml
14) T n-Tetracosane (C24)	14.682	10485427	81.671 ug/mlm
15) T n-Hexacosane (C26)	15.742	4875953	38.748 ug/ml
16) T n-Octacosane (C28)	16.688	4782993	38.242 ug/ml
17) T n-Tricontane (C30)	17.575	4777641	36.963 ug/ml
18) T n-Dotriacontane (C32)	18.404	4623550	36.985 ug/ml
19) T n-Tetratriacontane (C34)	19.186	4471008	41.217 ug/ml
20) T n-Hexatriacontane (C36)	19.925	3933826	42.508 ug/ml
21) T n-Octatriacontane (C38)	20.637	3697460	43.150 ug/ml
22) T n-Tetracontane (C40)	21.497	3562640	44.060 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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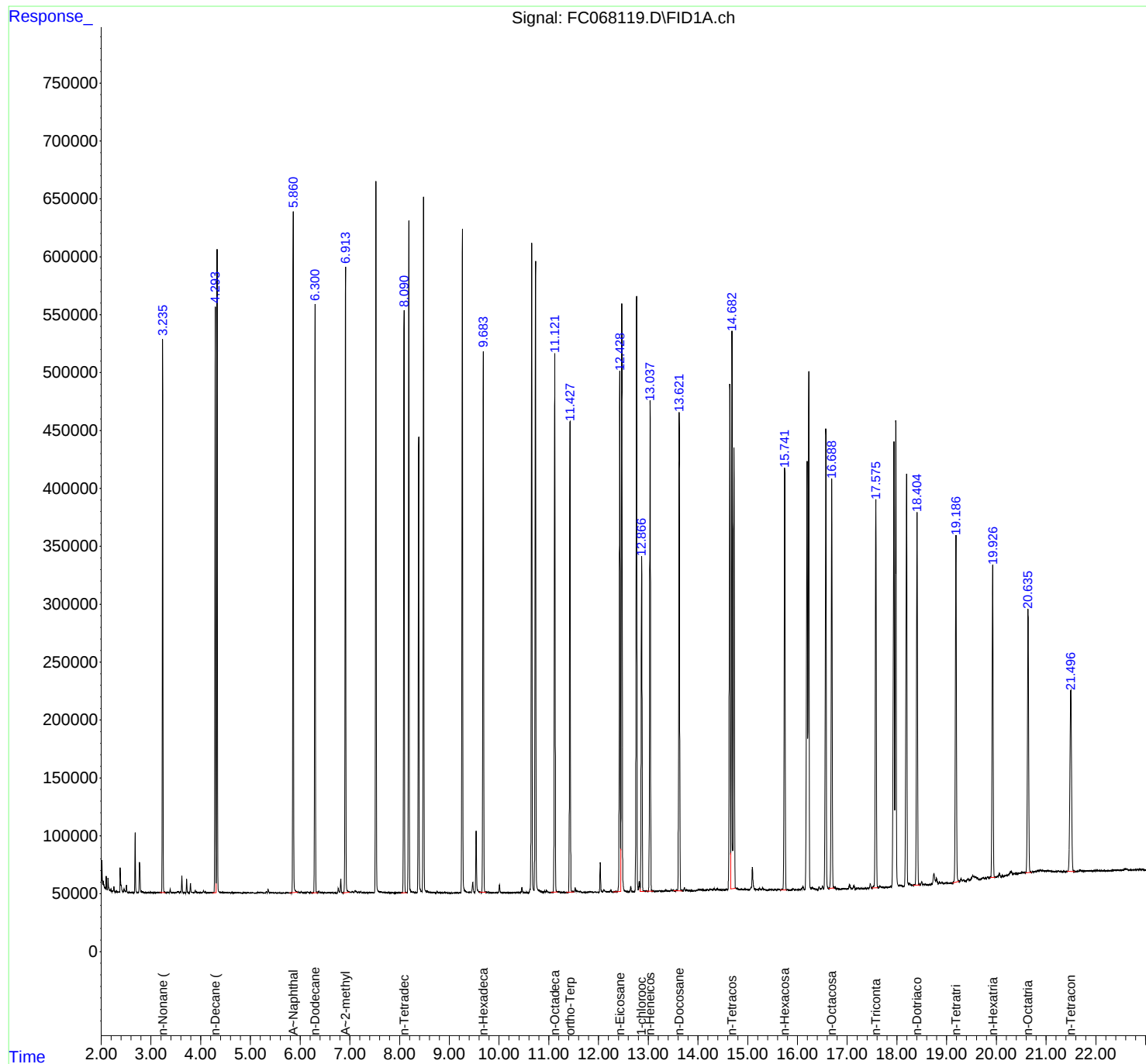
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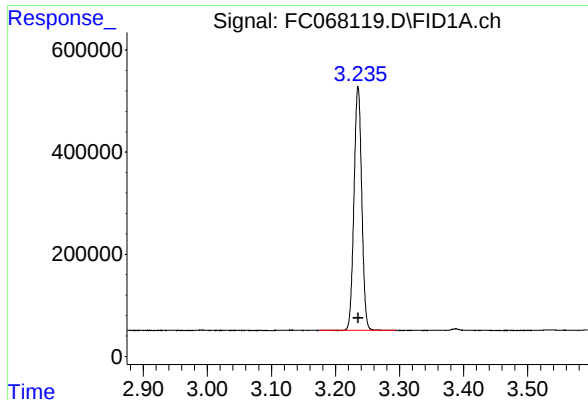
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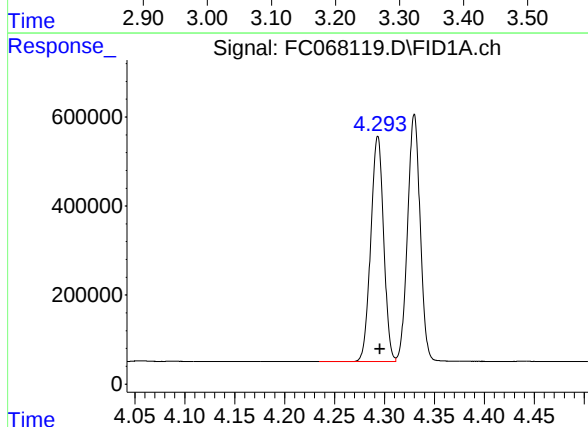
#1 n-Nonane (C9)

R.T.: 3.235 min
Delta R.T.: 0.000 min
Response: 4019888
Conc: 29.36 ug/ml

Instrument :
FID_C
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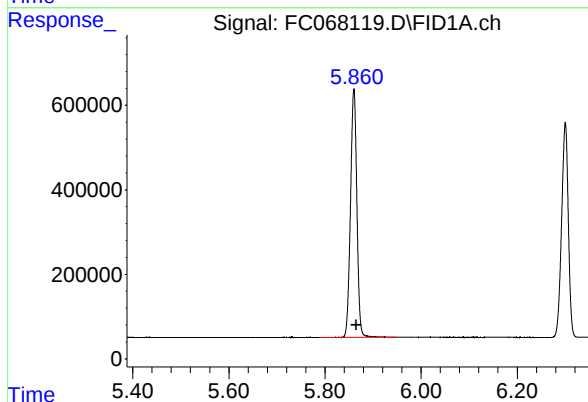
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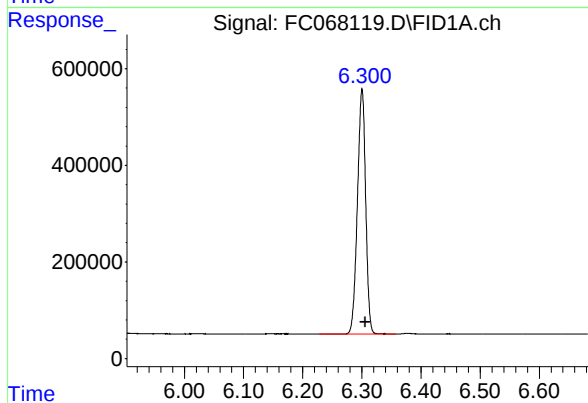
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 4528289
Conc: 32.62 ug/ml



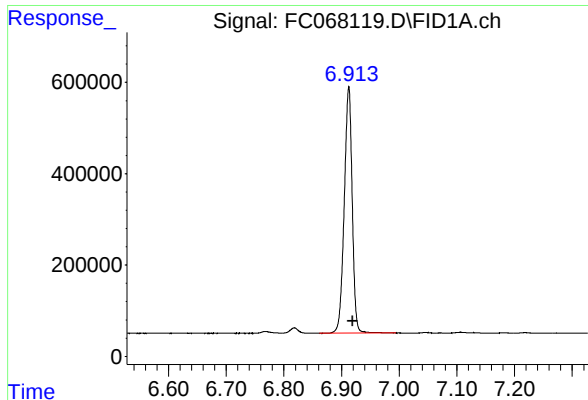
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.005 min
Response: 5412872
Conc: 36.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min
Delta R.T.: -0.005 min
Response: 4916487
Conc: 35.19 ug/ml



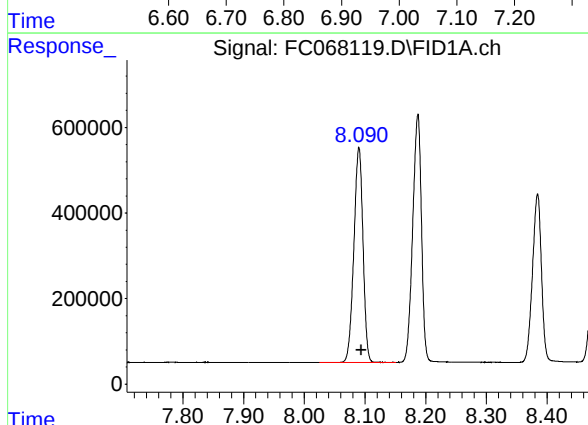
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.007 min
Response: 5181244
Conc: 36.07 ug/ml

Instrument :
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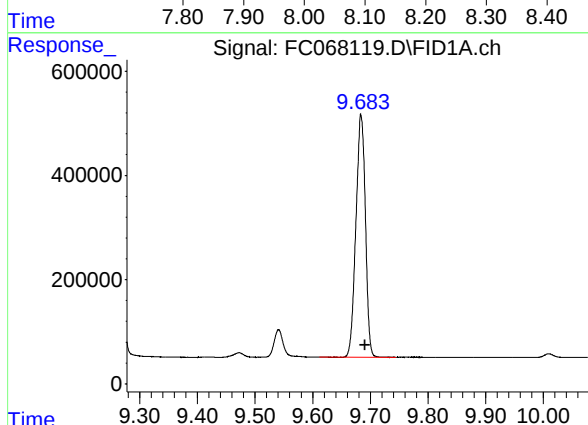
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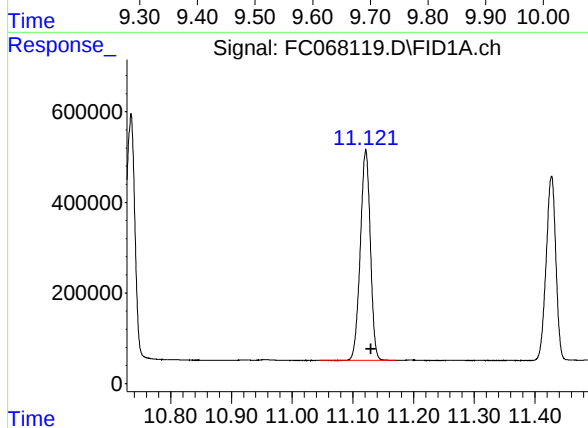
#6 n-Tetradecane (C14)

R.T.: 8.090 min
Delta R.T.: -0.004 min
Response: 5242523
Conc: 38.41 ug/ml



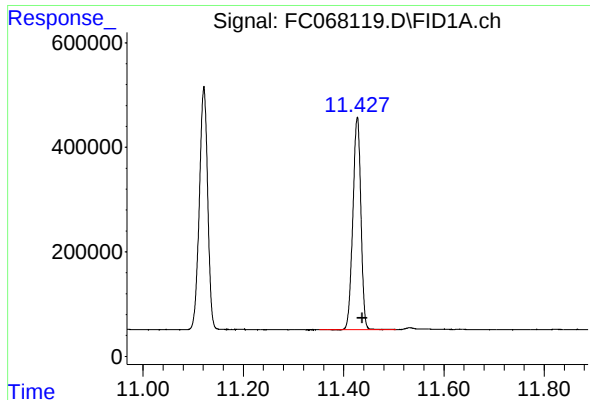
#7 n-Hexadecane (C16)

R.T.: 9.684 min
Delta R.T.: -0.006 min
Response: 5335630
Conc: 38.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.121 min
Delta R.T.: -0.008 min
Response: 5328982
Conc: 38.09 ug/ml



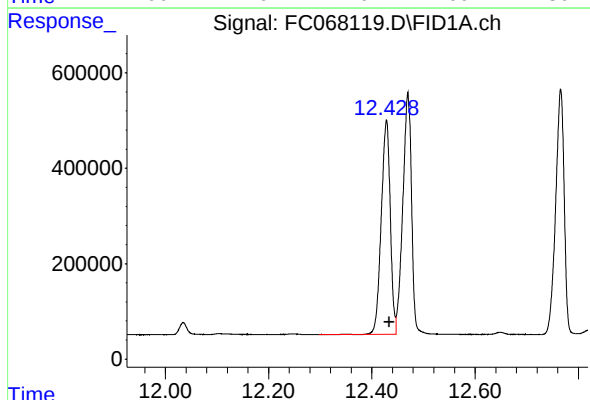
#9 ortho-Terphenyl (SURR)

R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 4518524
Conc: 28.92 ug/ml

Instrument :
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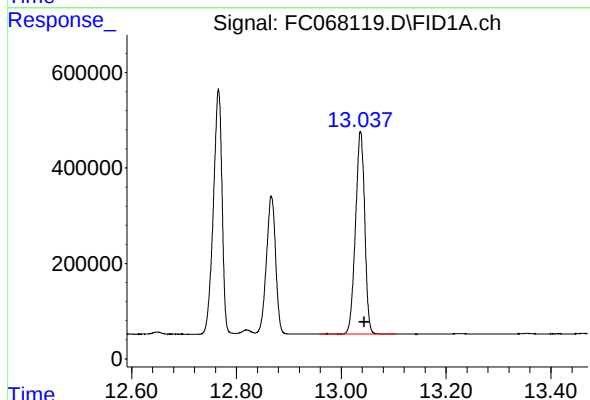
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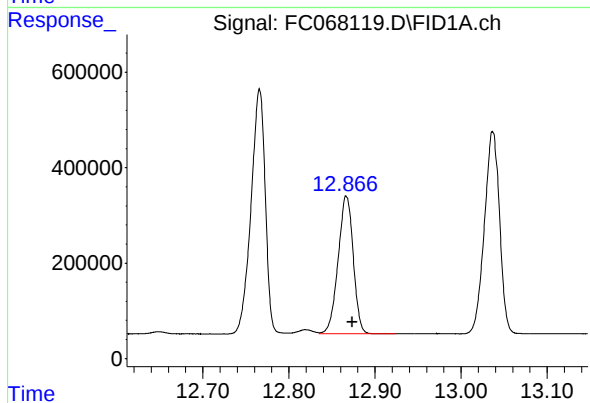
#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: -0.006 min
Response: 5461559
Conc: 40.82 ug/ml



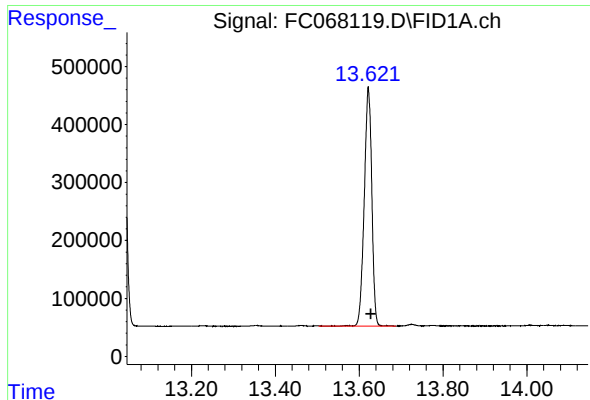
#11 n-Heneicosane (C21)

R.T.: 13.037 min
Delta R.T.: -0.007 min
Response: 5170150
Conc: 39.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.007 min
Response: 3529039
Conc: 30.69 ug/ml



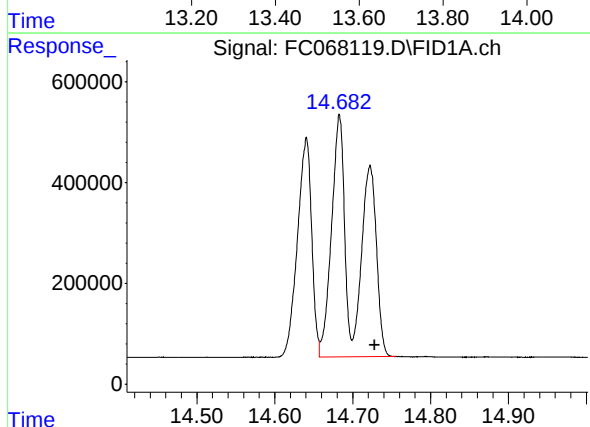
#13 n-Docosane (C22)

R.T.: 13.622 min
Delta R.T.: -0.006 min
Response: 5134565
Conc: 39.64 ug/ml

Instrument :
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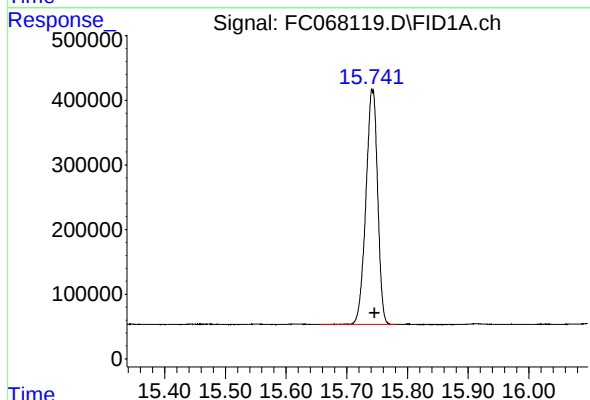
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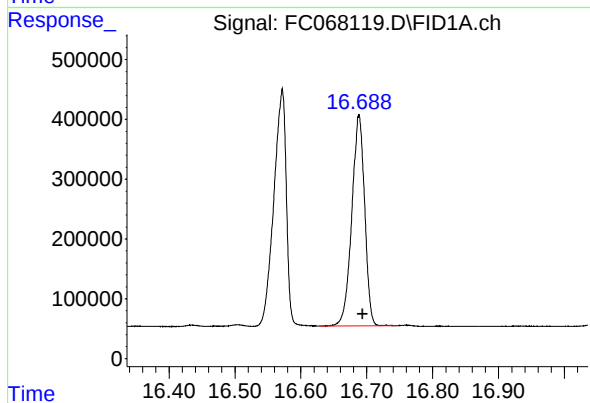
#14 n-Tetracosane (C24)

R.T.: 14.682 min
Delta R.T.: -0.046 min
Response: 10485427
Conc: 81.67 ug/ml



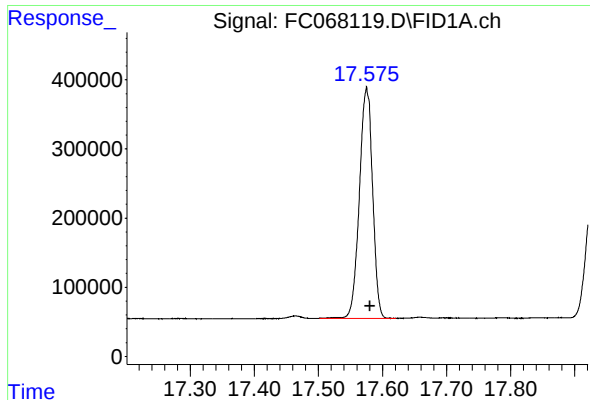
#15 n-Hexacosane (C26)

R.T.: 15.742 min
Delta R.T.: -0.004 min
Response: 4875953
Conc: 38.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.688 min
Delta R.T.: -0.006 min
Response: 4782993
Conc: 38.24 ug/ml



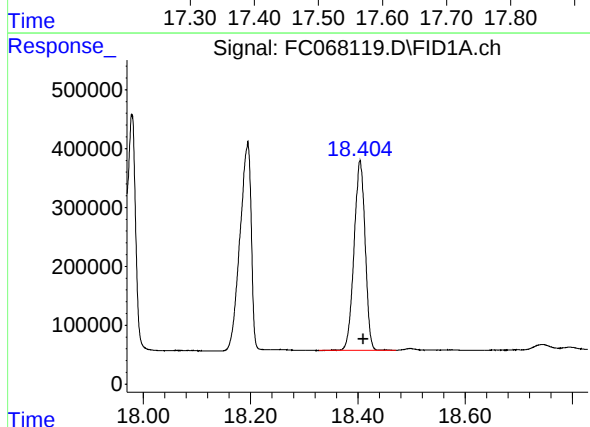
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: -0.005 min
Response: 4777641
Conc: 36.96 ug/ml

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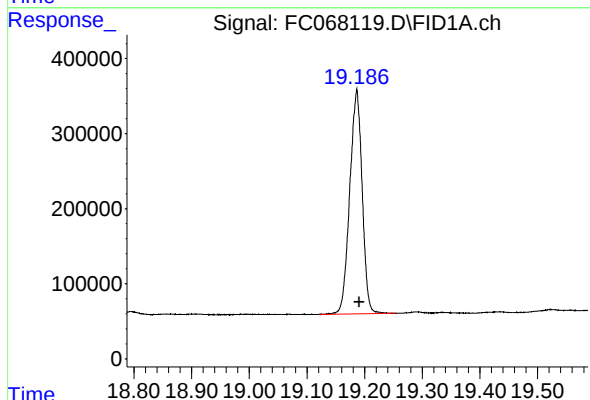
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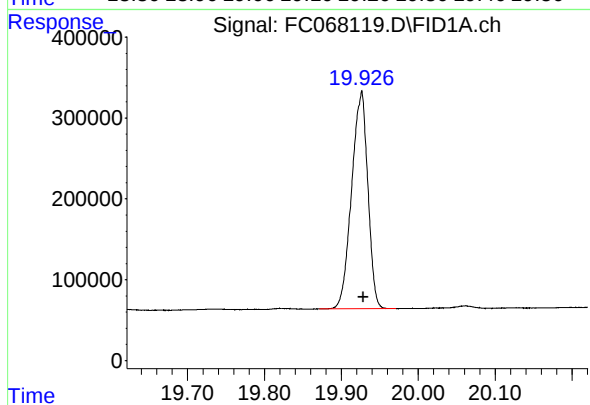
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.006 min
Response: 4623550
Conc: 36.98 ug/ml



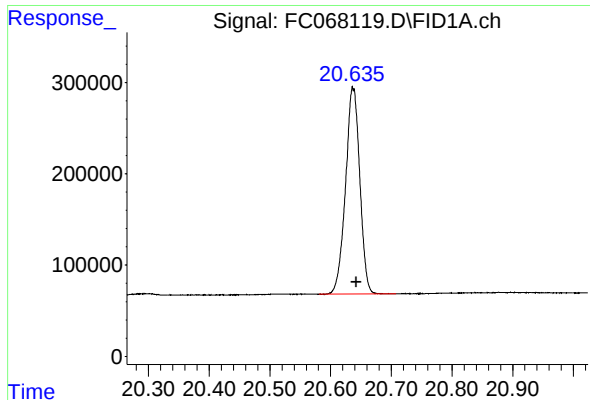
#19 n-Tetatriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.005 min
Response: 4471008
Conc: 41.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.925 min
Delta R.T.: -0.003 min
Response: 3933826
Conc: 42.51 ug/ml



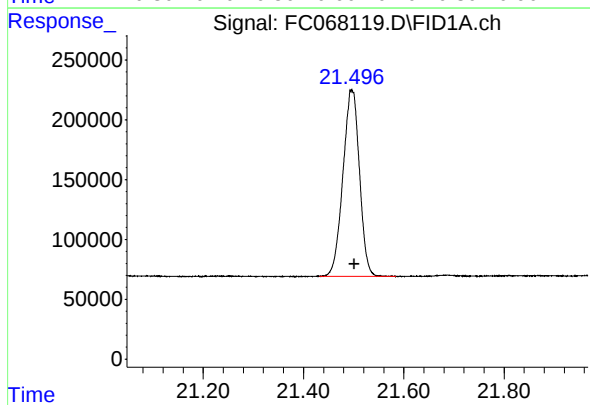
#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: -0.005 min
Response: 3697460
Conc: 43.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: -0.005 min
Response: 3562640
Conc: 44.06 ug/ml