

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111423AL\
 Data File : FC065144.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2023 18:15
 Operator : YP/AJ
 Sample : 05388-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-3-EPHMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e
 Quant Time: Nov 14 21:29:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.510	6841179	31.084 ug/ml
Spiked Amount 50.000		Recovery =	62.17%
12) S 1-chlorooctadecane (S...	12.940	5447934	34.462 ug/ml
Spiked Amount 50.000		Recovery =	68.92%
Target Compounds			
1) T n-Nonane (C9)	3.314	6039905	31.946 ug/ml
2) T n-Decane (C10)	4.372	6840266	35.974 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7456806	38.621 ug/ml
4) T n-Dodecane (C12)	6.380	7360575	38.103 ug/ml
5) T A~2-methylnaphthalene...	7.002	7621848	41.476 ug/mlm
6) T n-Tetradecane (C14)	8.168	7866437	41.690 ug/mlm
7) T n-Hexadecane (C16)	9.761	8445738	44.681 ug/ml
8) T n-Octadecane (C18)	11.197	8971500	47.537 ug/ml
10) T n-Eicosane (C20)	12.500	9051684	50.348 ug/ml
11) T n-Heneicosane (C21)	13.108	8616497	49.077 ug/ml
13) T n-Docosane (C22)	13.691	8528591	49.651 ug/ml
14) T n-Tetracosane (C24)	14.783	16109520	96.721 ug/ml
15) T n-Hexacosane (C26)	15.807	7909637	49.279 ug/ml
16) T n-Octacosane (C28)	16.750	7876622	50.329 ug/ml
17) T n-Tricontane (C30)	17.633	7478395	47.214 ug/mlm
18) T n-Dotriacontane (C32)	18.460	7304834	46.264 ug/mlm
19) T n-Tetratriacontane (C34)	19.241	7020793	45.996 ug/ml
20) T n-Hexatriacontane (C36)	19.976	6665210	44.175 ug/ml
21) T n-Octatriacontane (C38)	20.697	6554691	44.046 ug/ml
22) T n-Tetracontane (C40)	21.573	6446022	43.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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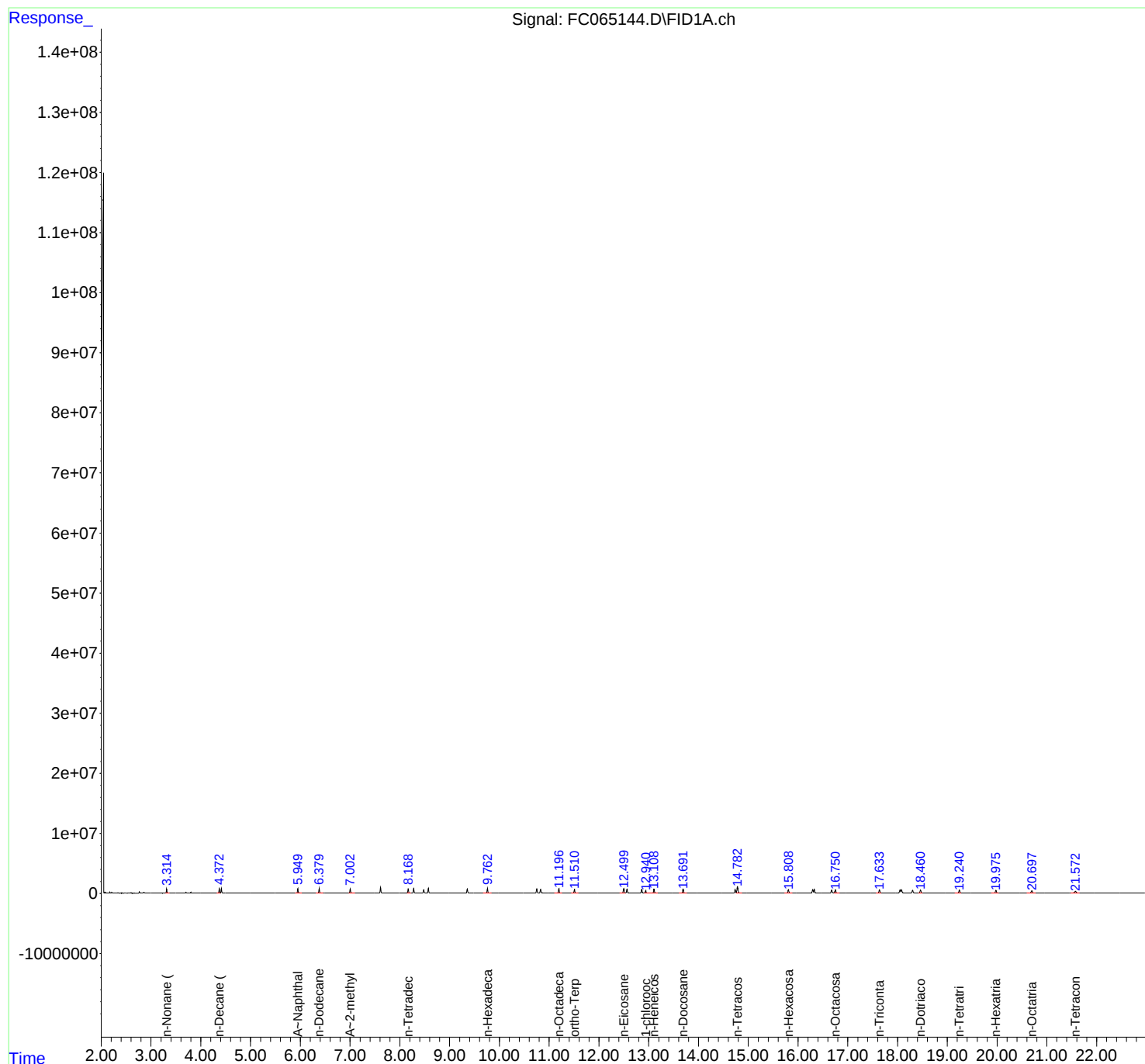
Instrument :
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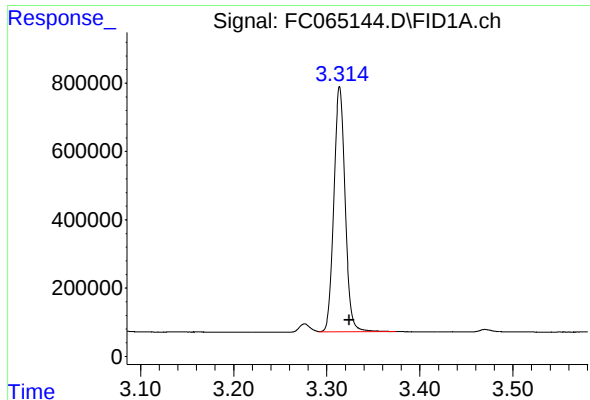
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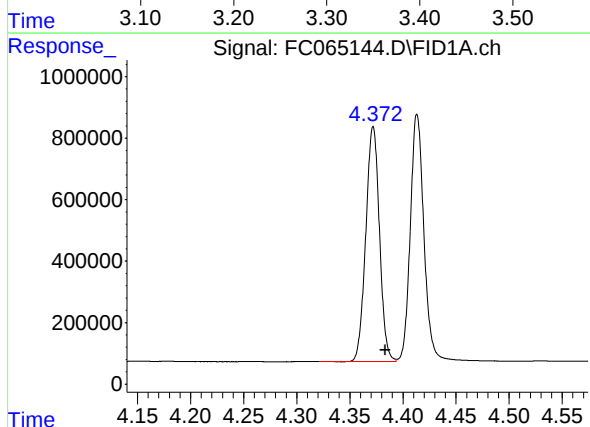
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.010 min
Response: 6039905
Conc: 31.95 ug/ml

Instrument :
FID_C
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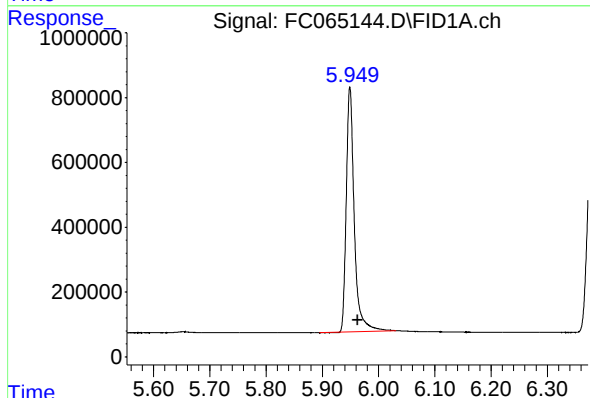
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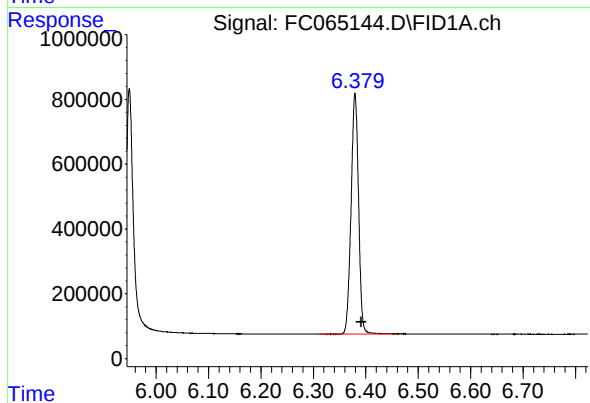
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.011 min
Response: 6840266
Conc: 35.97 ug/ml



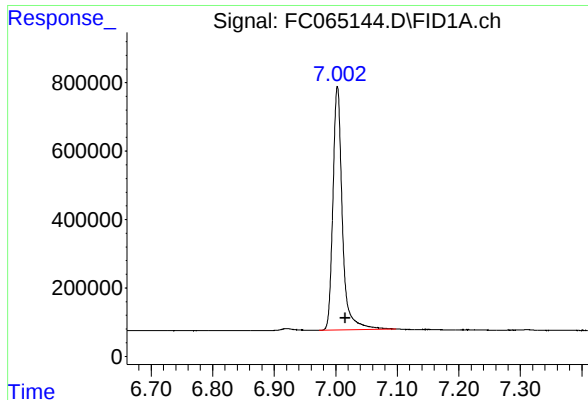
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 7456806
Conc: 38.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 7360575
Conc: 38.10 ug/ml



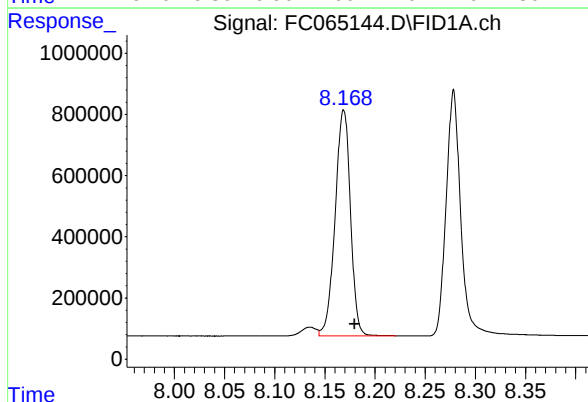
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 7621848
Conc: 41.48 ug/ml

Instrument :
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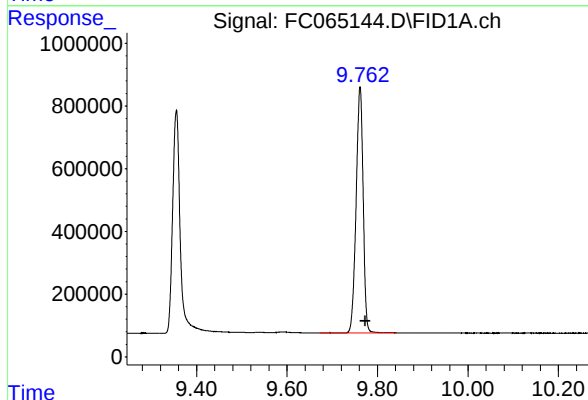
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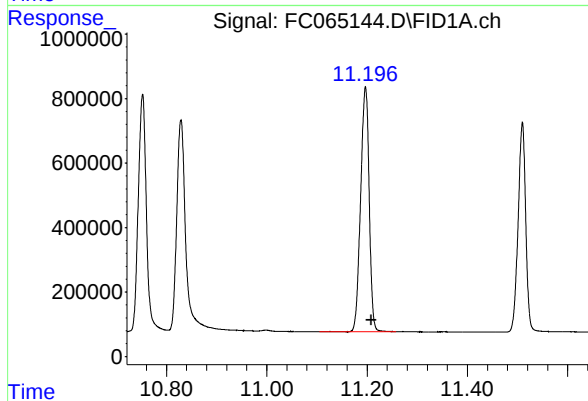
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.011 min
Response: 7866437
Conc: 41.69 ug/ml



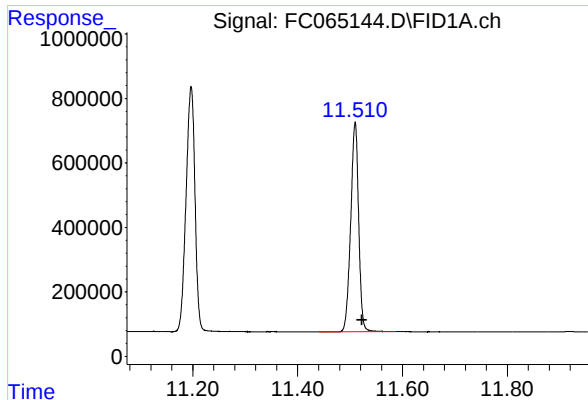
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 8445738
Conc: 44.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 8971500
Conc: 47.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.013 min
Response: 6841179
Conc: 31.08 ug/ml

Instrument :

FID_C

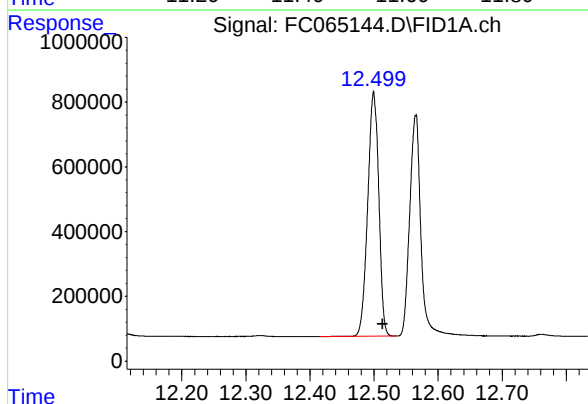
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TP-3-EPHMSD

Manual Integrations

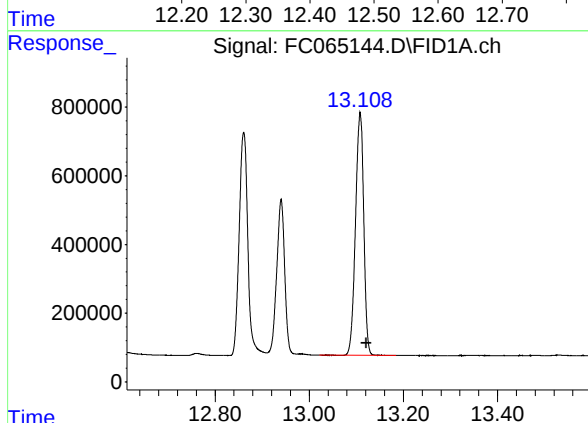
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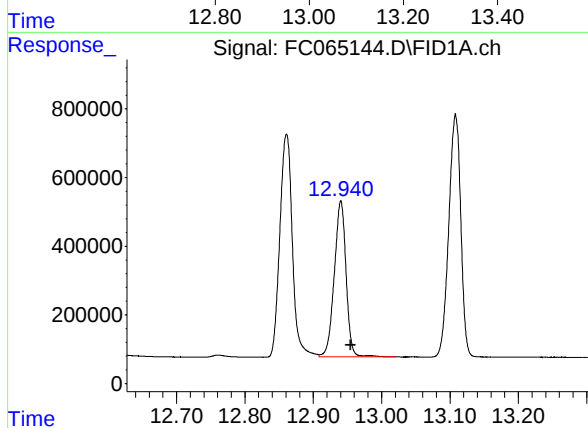
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.014 min
Response: 9051684
Conc: 50.35 ug/ml



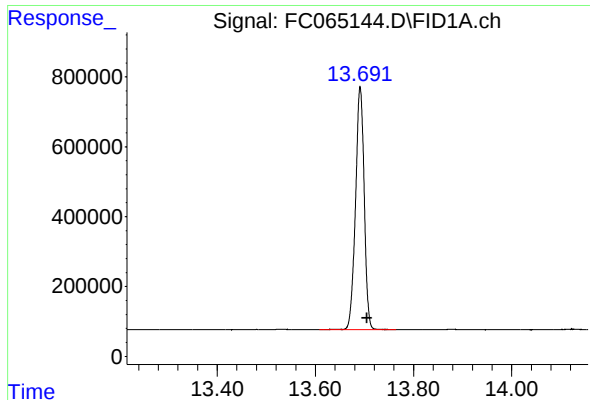
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.013 min
Response: 8616497
Conc: 49.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 5447934
Conc: 34.46 ug/ml



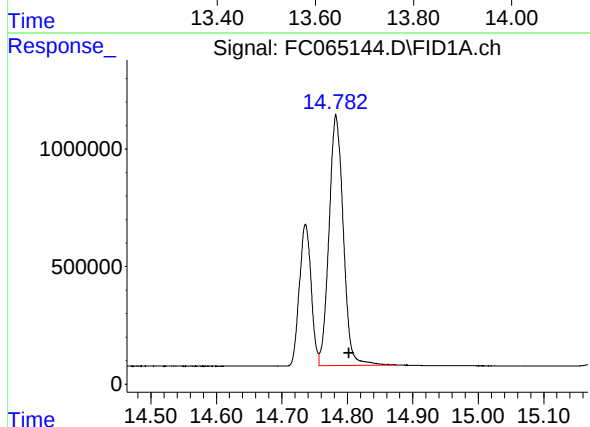
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.014 min
Response: 8528591
Conc: 49.65 ug/ml

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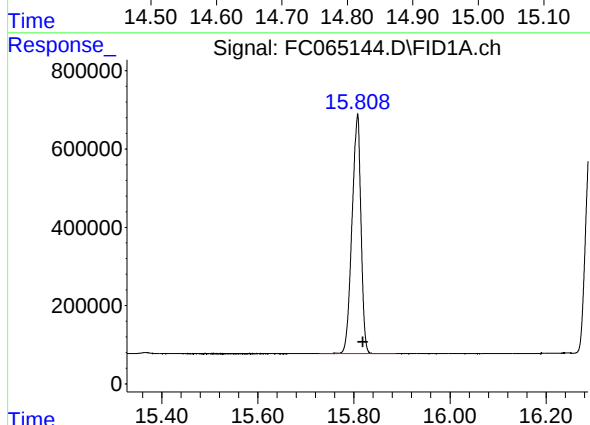
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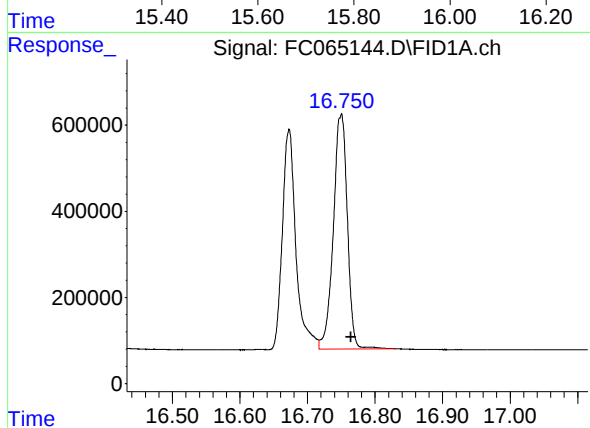
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.019 min
Response: 16109520
Conc: 96.72 ug/ml



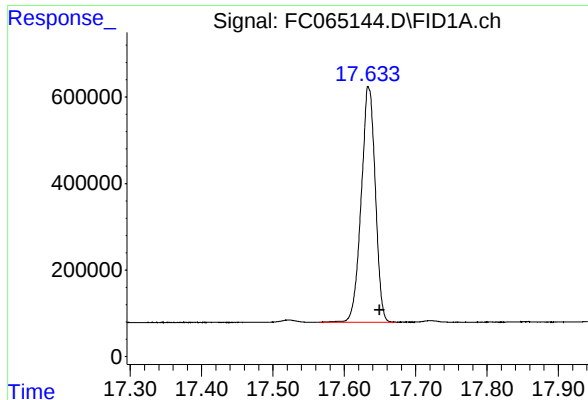
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 7909637
Conc: 49.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.015 min
Response: 7876622
Conc: 50.33 ug/ml



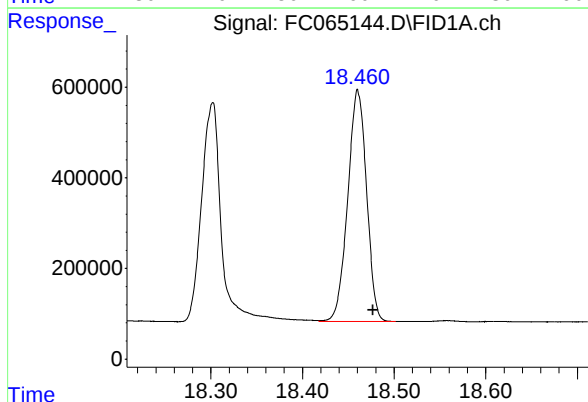
#17 n-Tricontane (C30)

R.T.: 17.633 min
Delta R.T.: -0.017 min
Response: 7478395
Conc: 47.21 ug/ml

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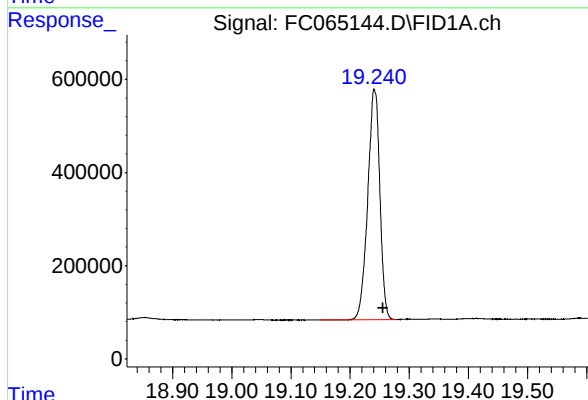
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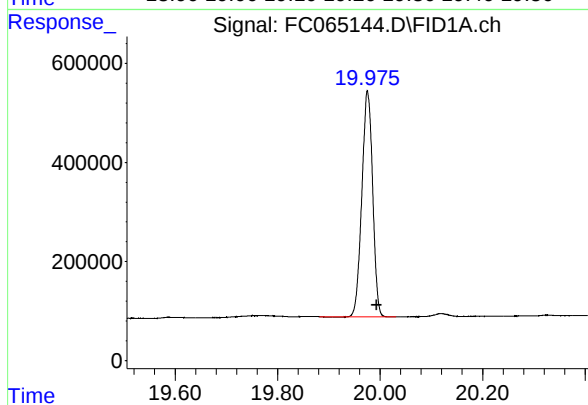
#18 n-Dotriacontane (C32)

R.T.: 18.460 min
Delta R.T.: -0.017 min
Response: 7304834
Conc: 46.26 ug/ml



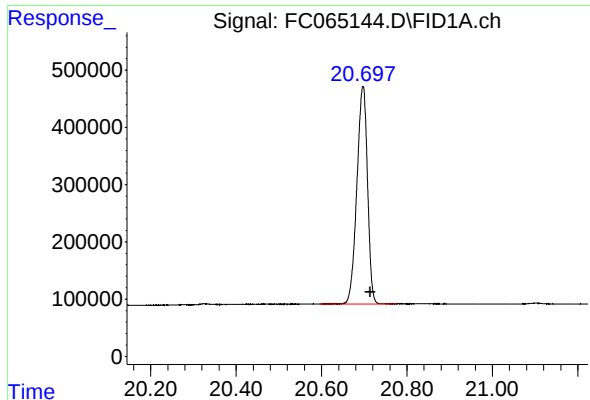
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.014 min
Response: 7020793
Conc: 46.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.018 min
Response: 6665210
Conc: 44.18 ug/ml



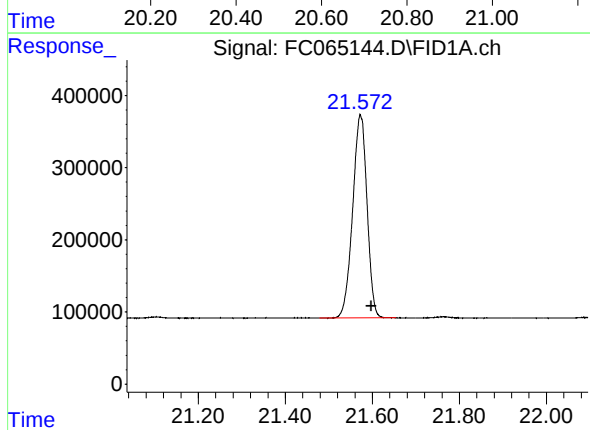
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.017 min
Response: 6554691
Conc: 44.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.573 min
Delta R.T.: -0.025 min
Response: 6446022
Conc: 43.83 ug/ml