

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061058.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2022 01:51
 Operator : YP/AJ
 Sample : N4122-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RBR-200051-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: autoint1.e
 Quant Time: Aug 11 05:49:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.636	4392406	26.765 ug/ml
Spiked Amount 50.000		Recovery =	53.53%
12) S 1-chlorooctadecane (S...	11.998	4016489	30.255 ug/ml
Spiked Amount 50.000		Recovery =	60.51%
Target Compounds			
1) T n-Nonane (C9)	2.634	4010160	28.473 ug/ml
2) T n-Decane (C10)	3.628	4223089	29.937 ug/ml
3) T A~Naphthalene (C11.7)	5.167	5346641	37.614 ug/ml
4) T n-Dodecane (C12)	5.573	5051096	34.079 ug/ml
5) T A~2-methylnaphthalene...	6.189	5496317	40.075 ug/ml
6) T n-Tetradecane (C14)	7.322	5519845	36.766 ug/ml
7) T n-Hexadecane (C16)	8.881	6106306	39.901 ug/ml
8) T n-Octadecane (C18)	10.287	6562419	42.025 ug/ml
10) T n-Eicosane (C20)	11.564	6398436	40.772 ug/ml
11) T n-Heneicosane (C21)	12.161	6251122	39.951 ug/ml
13) T n-Docosane (C22)	12.732	6180128	39.637 ug/ml
14) T n-Tetracosane (C24)	13.808	6708704	43.943 ug/mlm
15) T n-Hexacosane (C26)	14.805	5623913	37.676 ug/ml
16) T n-Octacosane (C28)	15.729	10497501	73.259 ug/ml
17) T n-Tricontane (C30)	16.596	5250229	37.501 ug/ml
18) T n-Dotriacontane (C32)	17.406	5950699	44.092 ug/ml
19) T n-Tetratriacontane (C34)	18.169	5140253	40.985 ug/ml
20) T n-Hexatriacontane (C36)	18.890	5025724	41.115 ug/ml
21) T n-Octatriacontane (C38)	19.571	4955813	41.990 ug/ml
22) T n-Tetracontane (C40)	20.219	4899190	42.566 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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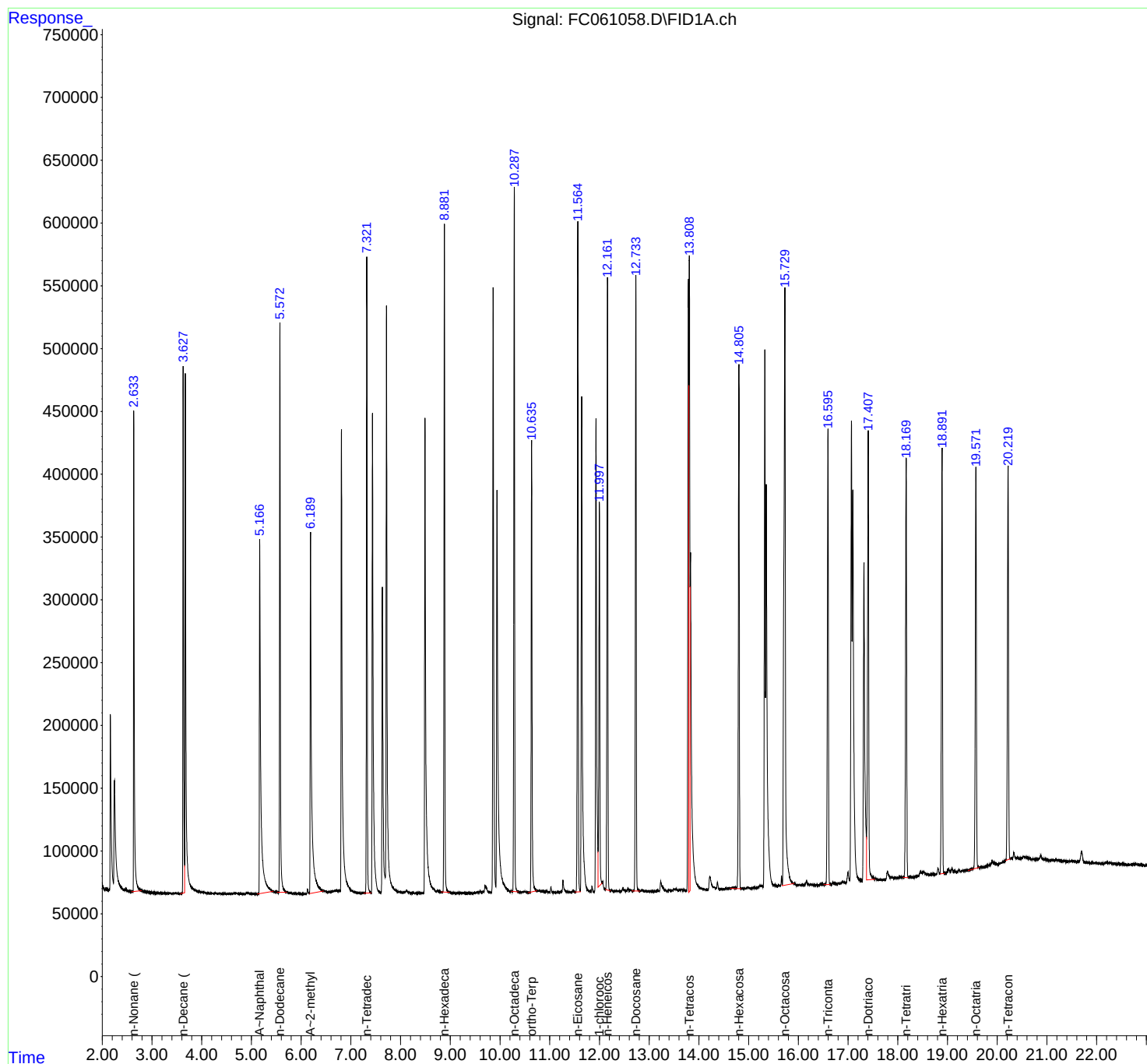
Instrument :
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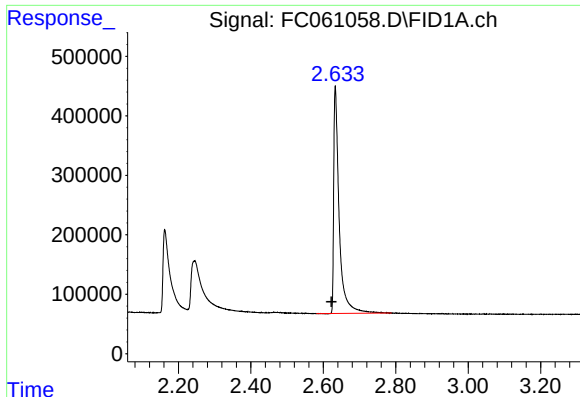
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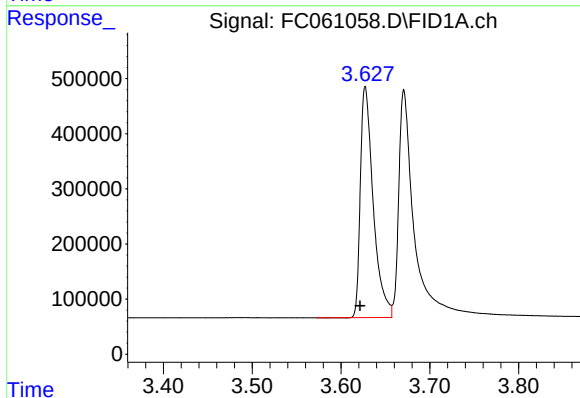
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.012 min
Response: 4010160
Conc: 28.47 ug/ml

Instrument :
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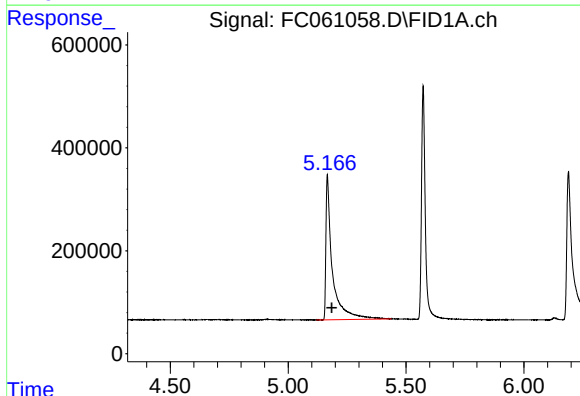
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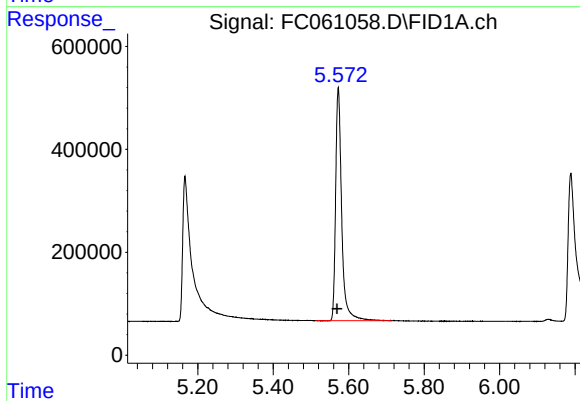
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.006 min
Response: 4223089
Conc: 29.94 ug/ml



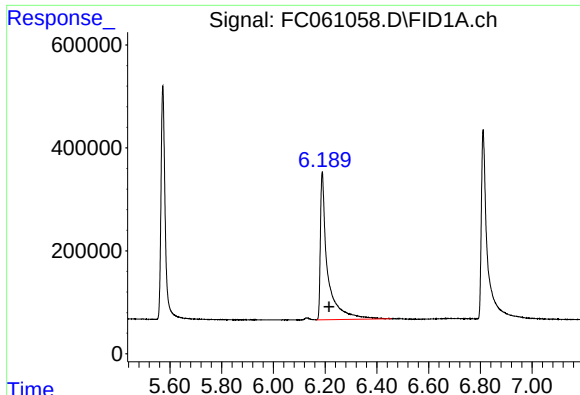
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.018 min
Response: 5346641
Conc: 37.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 5051096
Conc: 34.08 ug/ml



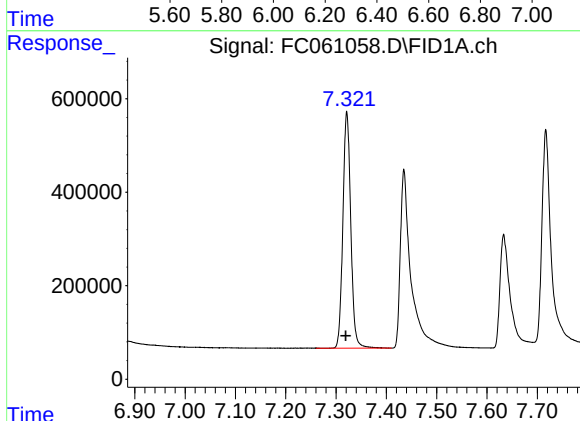
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.026 min
Response: 5496317
Conc: 40.08 ug/ml

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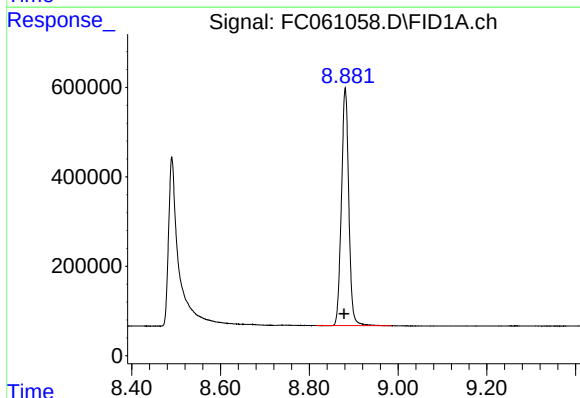
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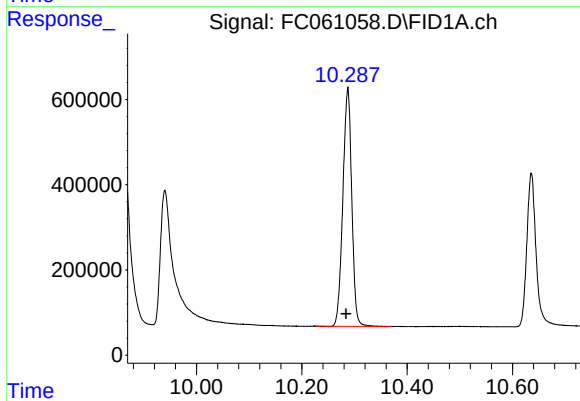
#6 n-Tetradecane (C14)

R.T.: 7.322 min
Delta R.T.: 0.002 min
Response: 5519845
Conc: 36.77 ug/ml



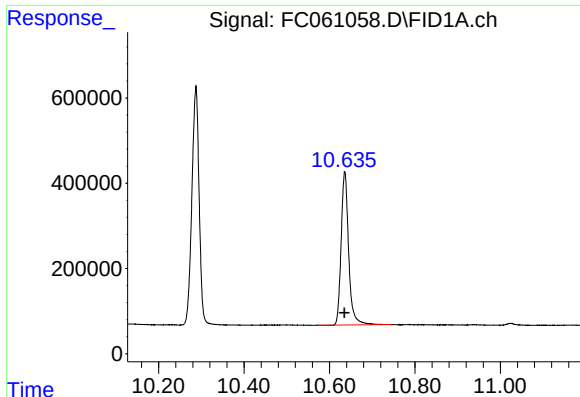
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: 0.003 min
Response: 6106306
Conc: 39.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: 0.003 min
Response: 6562419
Conc: 42.03 ug/ml



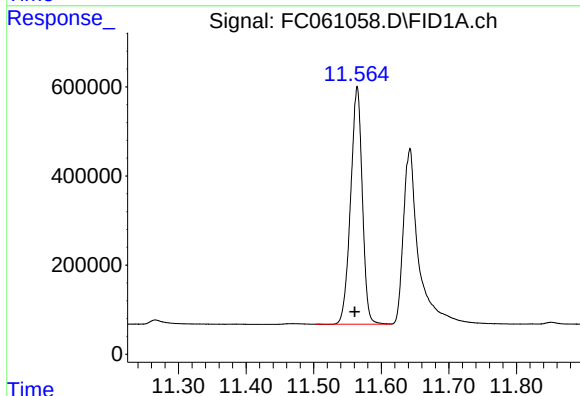
#9 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: 0.001 min
Response: 4392406
Conc: 26.77 ug/ml

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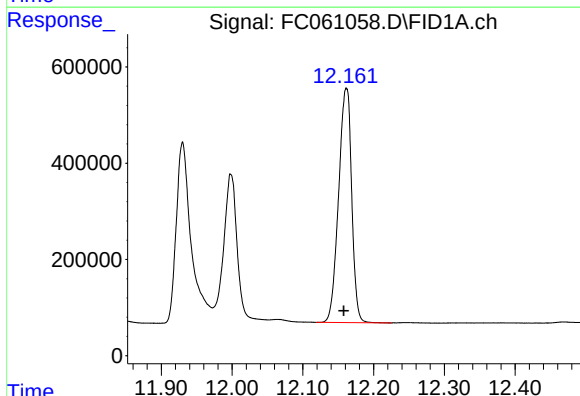
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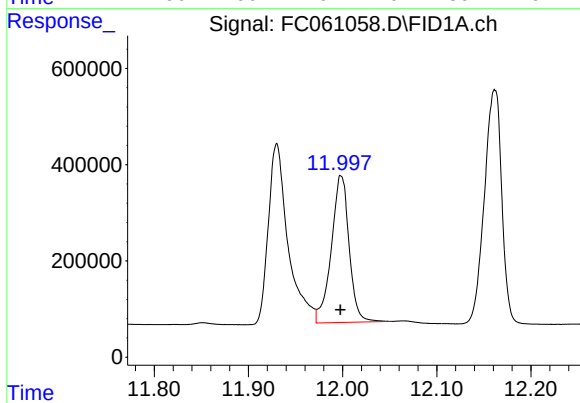
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: 0.003 min
Response: 6398436
Conc: 40.77 ug/ml



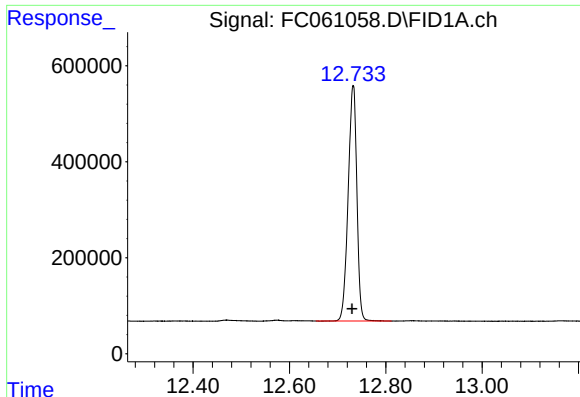
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.003 min
Response: 6251122
Conc: 39.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 4016489
Conc: 30.25 ug/ml



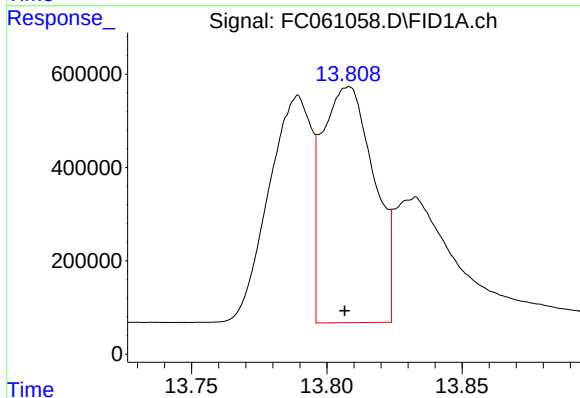
#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 6180128
Conc: 39.64 ug/ml

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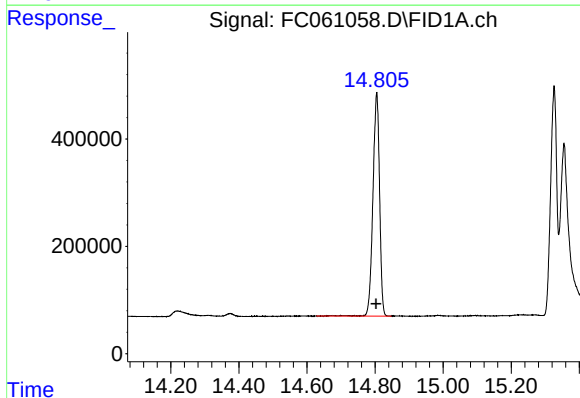
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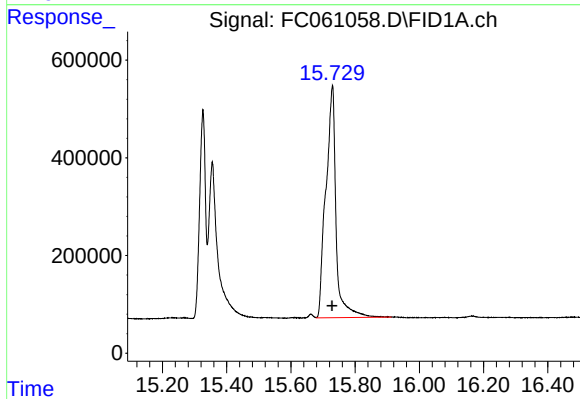
#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: 0.001 min
Response: 6708704
Conc: 43.94 ug/ml m



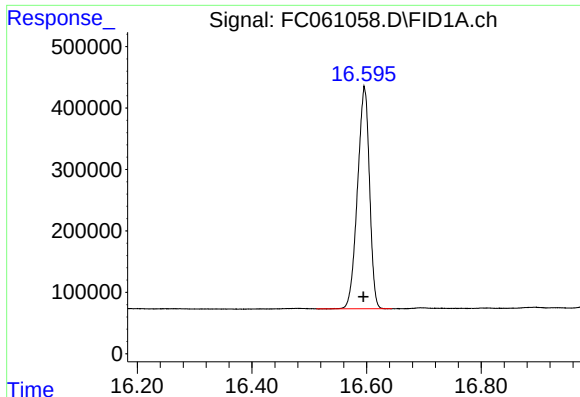
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: 0.002 min
Response: 5623913
Conc: 37.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 10497501
Conc: 73.26 ug/ml



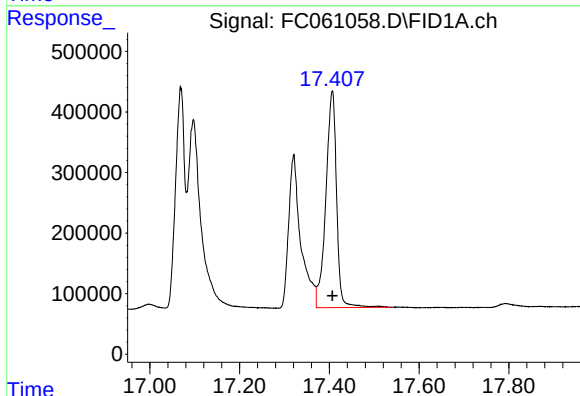
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 5250229
Conc: 37.50 ug/ml

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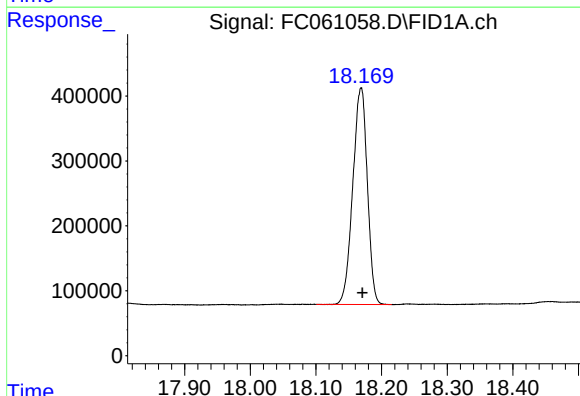
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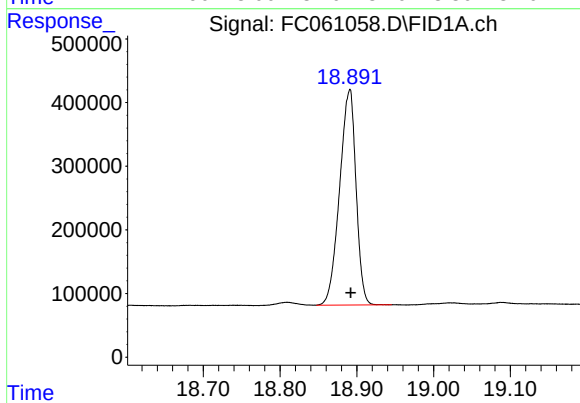
#18 n-Dotriacontane (C32)

R.T.: 17.406 min
Delta R.T.: 0.000 min
Response: 5950699
Conc: 44.09 ug/ml



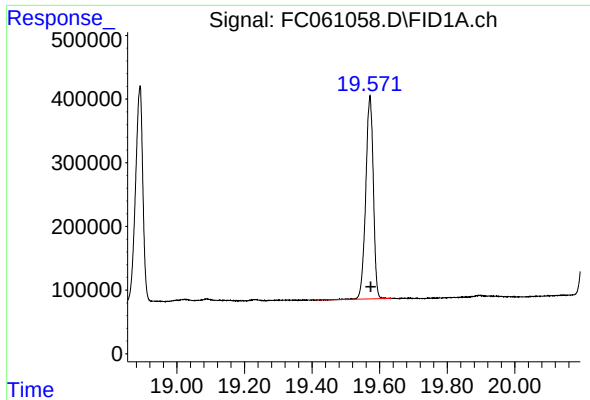
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min
Delta R.T.: -0.002 min
Response: 5140253
Conc: 40.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.890 min
Delta R.T.: -0.002 min
Response: 5025724
Conc: 41.12 ug/ml



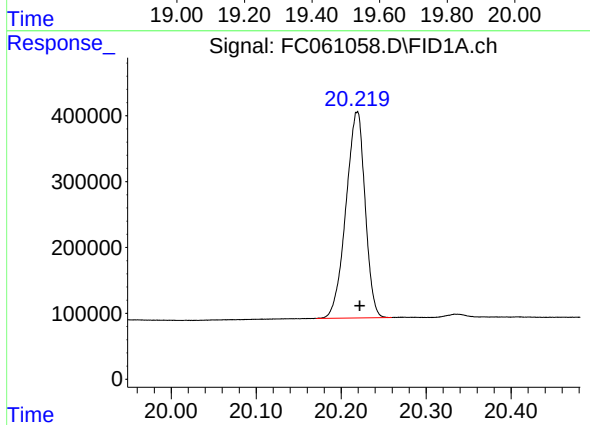
#21 n-Octatriacontane (C38)

R.T.: 19.571 min
Delta R.T.: -0.003 min
Response: 4955813
Conc: 41.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 4899190
Conc: 42.57 ug/ml m